

Global analyses of sea surface temperature, sea ice, and the late nineteenth century

Journal of Geophysical Research

108,

DOI: [10.1029/2002jd002670](https://doi.org/10.1029/2002jd002670)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Utility of the Hadley Centre sea ice and sea surface temperature data set (HadISST1) in two widely contrasting coral reef areas. <i>Marine Pollution Bulletin</i> , 2002, 44, 303-308.	2.3	31
2	ENSO-Forced Variability of the Pacific Decadal Oscillation. <i>Journal of Climate</i> , 2003, 16, 3853-3857.	1.2	582
3	Sea surface temperature forcing of the upward trend in U.S. extreme precipitation. <i>Journal of Geophysical Research</i> , 2003, 108, ACL 6-1.	3.3	14
4	Marine Isotopic Stage 5e in the Southwest Pacific: Similarities with Antarctica and ENSO inferences. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	11
5	Recent shifts in the state of the North Pacific. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	418
6	A Fast Ocean GCM without Flux Adjustments. <i>Journal of Atmospheric and Oceanic Technology</i> , 2003, 20, 1857-1868.	0.5	28
7	Influence of the Ocean on North Atlantic Climate Variability 1871-1999. <i>Journal of Climate</i> , 2003, 16, 3296-3313.	1.2	153
8	South and East Asian Summer Monsoon Climate and Variation in the MRI Coupled Model (MRI-CGCM2). <i>Journal of Climate</i> , 2004, 17, 763-782.	1.2	36
9	Variations in the Teleconnection of ENSO and Summer Rainfall in Northern China: A Role of the Indian Summer Monsoon*. <i>Journal of Climate</i> , 2004, 17, 4871-4881.	1.2	78
10	Global warming, regional trends and inshore environmental conditions influence coral bleaching in Hawaii. <i>Global Change Biology</i> , 2004, 10, 1627-1641.	4.2	208
11	Predictability of El Niño over the past 148 years. <i>Nature</i> , 2004, 428, 733-736.	13.7	511
12	Sea surface temperature 1871-2099 in 14 cells around the United Kingdom. <i>Marine Pollution Bulletin</i> , 2004, 49, 12-16.	2.3	31
13	North Atlantic forcing of climate and its uncertainty from a multi-model experiment. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2004, 130, 2013-2032.	1.0	28
14	History of the Hadley Centre for Climate Prediction and Research. <i>Weather</i> , 2004, 59, 317-323.	0.6	4
15	A Numerical Study of the Impact of Greenhouse Gases on the South Atlantic Ocean Climatology. <i>Climatic Change</i> , 2004, 66, 163-189.	1.7	7
16	Mean, interannual variability and trends in a regional climate change experiment over Europe. I. Present-day climate (1961-1990). <i>Climate Dynamics</i> , 2004, 22, 733-756.	1.7	222
17	Variability of seasonal-mean fields arising from intraseasonal variability: part 1, methodology. <i>Climate Dynamics</i> , 2004, 23, 177-191.	1.7	29
18	Variability of seasonal-mean fields arising from intraseasonal variability. part 2, application to nh winter circulations. <i>Climate Dynamics</i> , 2004, 23, 193-206.	1.7	25

#	ARTICLE	IF	CITATIONS
19	Twentieth century north atlantic climate change. Part I: assessing determinism. <i>Climate Dynamics</i> , 2004, 23, 371-389.	1.7	184
20	Interannual-to-decadal variability of the North Atlantic from an ocean data assimilation system. <i>Climate Dynamics</i> , 2004, 23, 531-546.	1.7	25
21	Role of soil freezing in future boreal climate change. <i>Climate Dynamics</i> , 2004, 23, 621-639.	1.7	81
22	Regional climate model simulations of daily maximum and minimum near-surface temperatures across Europe compared with observed station data 1961-1990. <i>Climate Dynamics</i> , 2004, 23, 695-715.	1.7	74
23	Internal variability, external forcing and climate trends in multi-decadal AGCM ensembles. <i>Climate Dynamics</i> , 2004, 23, 659-678.	1.7	88
24	Impacts of greenhouse gases and aerosol direct and indirect effects on clouds and radiation in atmospheric GCM simulations of the 1930-1989 period. <i>Climate Dynamics</i> , 2004, 23, 779-789.	1.7	25
25	The development of monthly temperature series for Scotland and Northern Ireland. <i>International Journal of Climatology</i> , 2004, 24, 569-590.	1.5	32
26	Variability of the recent climate of eastern Africa. <i>International Journal of Climatology</i> , 2004, 24, 681-701.	1.5	188
27	Changes in the sub-decadal covariability between Northern Hemisphere snow cover and the general circulation of the atmosphere. <i>International Journal of Climatology</i> , 2004, 24, 33-44.	1.5	30
28	On the Cause of the 1930s Dust Bowl. <i>Science</i> , 2004, 303, 1855-1859.	6.0	494
29	Does the recent freshening trend in the North Atlantic indicate a weakening thermohaline circulation?. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	29
30	Evaluation of cloud thermodynamic phase parametrizations in the LMDZ GCM by using POLDER satellite data. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	31
31	Dynamic winter climate response to large tropical volcanic eruptions since 1600. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	209
32	Estimating the direct radiative forcing due to haze from the 1997 forest fires in Indonesia. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	38
33	Aerosol indirect effects in POLDER satellite data and the Laboratoire de Météorologie Dynamique-Zoom (LMDZ) general circulation model. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	94
34	A 2000-year record of Caribbean and tropical North Atlantic hydrographic variability. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.	3.0	43
35	Climate over past millennia. <i>Reviews of Geophysics</i> , 2004, 42, .	9.0	878
36	Modeled response of the Australian monsoon to changes in land surface temperatures. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	39

#	ARTICLE	IF	CITATIONS
37	Southern Hemisphere climate response to ozone changes and greenhouse gas increases. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	277
38	Analysis of spatial distribution in tropospheric temperature trends. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	18
39	Solar influence on the Indian Ocean Monsoon through dynamical processes. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	116
40	ENSO Influence on Atlantic hurricanes via tropospheric warming. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	117
41	Role of the atmosphere in seasonal phase locking of El Niño. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	40
42	Interdecadal changes in the El Niño-La Niña asymmetry. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	61
43	Eastward propagating surface anomalies at ocean gyre boundaries. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	3
44	Influence of the Southern Annular Mode on the sea ice-ocean system. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	225
45	Comparison of trends and low-frequency variability in CRU, ERA-40, and NCEP/NCAR analyses of surface air temperature. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	291
46	El Niño-Southern Oscillation-related salinity variations recorded in the skeletal geochemistry of a Porites coral from Espiritu Santo, Vanuatu. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.	3.0	62
47	Modeling extreme precipitation events—a climate change simulation for Europe. <i>Global and Planetary Change</i> , 2004, 44, 119-127.	1.6	103
48	Evaluation of the ERA-40 air-sea surface heat flux spin-up. <i>Dynamics of Atmospheres and Oceans</i> , 2004, 37, 295-311.	0.7	4
49	General circulation modelling of Holocene climate variability. <i>Quaternary Science Reviews</i> , 2004, 23, 2167-2181.	1.4	45
50	Simulated and observed decadal variability in ocean heat content. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	95
51	A strategy to improve the contribution of coral data to high-resolution paleoclimatology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 204, 115-143.	1.0	122
52	Storm Track Predictability on Seasonal and Decadal Scales. <i>Journal of Climate</i> , 2004, 17, 3701-3720.	1.2	47
53	Representing El Niño in Coupled Ocean-Atmosphere GCMs: The Dominant Role of the Atmospheric Component. <i>Journal of Climate</i> , 2004, 17, 4623-4629.	1.2	135
54	Impact of an Eddy-Permitting Ocean Resolution on Control and Climate Change Simulations with a Global Coupled GCM. <i>Journal of Climate</i> , 2004, 17, 3-20.	1.2	70

#	ARTICLE	IF	CITATIONS
55	Global and hemispheric climate variations affecting the Southern Ocean. <i>Antarctic Science</i> , 2004, 16, 401-413.	0.5	80
56	Indian Ocean Climate and Dipole Variability in Hadley Centre Coupled GCMs. <i>Journal of Climate</i> , 2005, 18, 2286-2307.	1.2	35
57	Atlantic Thermohaline Circulation in a Coupled General Circulation Model: Unforced Variations versus Forced Changes. <i>Journal of Climate</i> , 2005, 18, 3270-3293.	1.2	61
58	Long-term changes and variability in a transient simulation with a chemistry-climate model employing realistic forcing. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 2121-2145.	1.9	109
59	Indian Ocean Sea Surface Temperature and El Niño Southern Oscillation: A New Perspective. <i>Journal of Climate</i> , 2005, 18, 1351-1368.	1.2	93
60	Effect of Preconditioning on the Extreme Climate Events in the Tropical Indian Ocean*. <i>Journal of Climate</i> , 2005, 18, 3450-3469.	1.2	64
61	The 1976/77 North Pacific Climate Regime Shift: The Role of Subtropical Ocean Adjustment and Coupled Ocean-Atmosphere Feedbacks*. <i>Journal of Climate</i> , 2005, 18, 5125-5140.	1.2	56
62	Modeling of Tropical Forcing of Persistent Droughts and Pluvials over Western North America: 1856-2000*. <i>Journal of Climate</i> , 2005, 18, 4065-4088.	1.2	376
63	Warm Season Rainfall Variability over the U.S. Great Plains in Observations, NCEP and ERA-40 Reanalyses, and NCAR and NASA Atmospheric Model Simulations. <i>Journal of Climate</i> , 2005, 18, 1808-1830.	1.2	120
64	Cumulus Microphysics and Climate Sensitivity. <i>Journal of Climate</i> , 2005, 18, 2376-2387.	1.2	96
65	Land Surface Model Development for the GISS GCM: Effects of Improved Canopy Physiology on Simulated Climate. <i>Journal of Climate</i> , 2005, 18, 2883-2902.	1.2	124
66	Discrepancy of Interdecadal Changes in the Asian Region among the NCEP-NCAR Reanalysis, Objective Analyses, and Observations. <i>Journal of Climate</i> , 2005, 18, 3048-3067.	1.2	120
67	North Atlantic Decadal Variability: Air-Sea Coupling, Oceanic Memory, and Potential Northern Hemisphere Resonance*. <i>Journal of Climate</i> , 2005, 18, 331-349.	1.2	76
68	Indian Ocean Variability and Its Association with ENSO in a Global Coupled Model. <i>Journal of Climate</i> , 2005, 18, 3634-3649.	1.2	68
69	Infrared Interferometric Measurements of the Near-Surface Air Temperature over the Oceans. <i>Journal of Atmospheric and Oceanic Technology</i> , 2005, 22, 1019-1032.	0.5	20
70	The ERA-40 reanalysis. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2005, 131, 2961-3012.	1.0	6,198
71	The role of the basic state in the ENSO-monsoon relationship and implications for predictability. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2005, 131, 781-804.	1.0	113
72	Mechanisms of ENSO-forcing of hemispherically symmetric precipitation variability. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2005, 131, 1501-1527.	1.0	153

#	ARTICLE	IF	CITATIONS
73	Global and regional climate in 2004. <i>Weather</i> , 2005, 60, 197-205.	0.6	3
74	A coupled method for initializing El Nino Southern Oscillation forecasts using sea surface temperature. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005, 57, 340-356.	0.8	54
75	Increasing destructiveness of tropical cyclones over the past 30 years. <i>Nature</i> , 2005, 436, 686-688.	13.7	3,107
76	Significant decadal-scale impact of volcanic eruptions on sea level and ocean heat content. <i>Nature</i> , 2005, 438, 74-77.	13.7	207
77	Internal variability in a 1000-yr control simulation with the coupled climate model ECHO-G - II. El Nino Southern Oscillation and North Atlantic Oscillation. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005, 57, 622-640.	0.8	30
78	Internal variability in a 1000-yr control simulation with the coupled climate model ECHO-G - I. Near-surface temperature, precipitation and mean sea level pressure. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005, 57, 605-621.	0.8	72
79	A simulated reduction in Antarctic sea-ice area since 1750: implications of the long memory of the ocean. <i>International Journal of Climatology</i> , 2005, 25, 569-579.	1.5	14
80	ICOADS release 2.1 data and products. <i>International Journal of Climatology</i> , 2005, 25, 823-842.	1.5	342
81	Quantifying random measurement errors in Voluntary Observing Ships' meteorological observations. <i>International Journal of Climatology</i> , 2005, 25, 843-856.	1.5	45
82	Objective analyses of sea-surface temperature and marine meteorological variables for the 20th century using ICOADS and the Kobe Collection. <i>International Journal of Climatology</i> , 2005, 25, 865-879.	1.5	534
83	A 1° monthly gridded sea-surface temperature dataset compiled from ICOADS from 1850 to 2002 and Northern Hemisphere frontal variability. <i>International Journal of Climatology</i> , 2005, 25, 881-894.	1.5	25
84	Assessing bias corrections in historical sea surface temperature using a climate model. <i>International Journal of Climatology</i> , 2005, 25, 895-911.	1.5	24
85	The effect of instrument exposure on marine air temperatures: an assessment using VOSclim Data. <i>International Journal of Climatology</i> , 2005, 25, 1007-1022.	1.5	22
86	Abundance and composition of the sea-ice meiofauna in off-shore pack ice of the Beaufort Gyre in summer 2002 and 2003. <i>Polar Biology</i> , 2005, 28, 171-181.	0.5	49
87	Climatological context for large-scale coral bleaching. <i>Coral Reefs</i> , 2005, 24, 536-554.	0.9	56
88	Mechanisms of tropical Pacific interannual-to-decadal variability in the ARPEGE/ORCA global coupled model. <i>Climate Dynamics</i> , 2005, 24, 823-842.	1.7	31
89	Observed precipitation in the Parani;1/2-Plata hydrological basin: long-term trends, extreme conditions and ENSO teleconnections. <i>Climate Dynamics</i> , 2005, 24, 393-413.	1.7	96
90	The 1976/77 transition in precipitation over the Americas and the influence of tropical sea surface temperature. <i>Climate Dynamics</i> , 2005, 24, 721-740.	1.7	64

#	ARTICLE	IF	CITATIONS
91	Systematic optimisation and climate simulation of FAMOUS, a fast version of HadCM3. <i>Climate Dynamics</i> , 2005, 25, 189-204.	1.7	83
92	Evolution of ENSO-related rainfall anomalies in Southeast Asia region and its relationship with atmosphere-ocean variations in Indo-Pacific sector. <i>Climate Dynamics</i> , 2005, 25, 337-350.	1.7	171
93	Dynamics of the boreal summer African monsoon in the NSIPP1 atmospheric model. <i>Climate Dynamics</i> , 2005, 25, 517-535.	1.7	58
94	A scenario of European climate change for the late twenty-first century: seasonal means and interannual variability. <i>Climate Dynamics</i> , 2005, 25, 837-849.	1.7	136
95	Origin of regional climate differences: role of boundary conditions and model formulation in two GCMs. <i>Climate Dynamics</i> , 2005, 25, 709-723.	1.7	15
96	A multi-model analysis of the role of the ocean on the African and Indian monsoon during the mid-Holocene. <i>Climate Dynamics</i> , 2005, 25, 777-800.	1.7	103
97	Early Ship Observational Data and Iloads. <i>Climatic Change</i> , 2005, 73, 169-194.	1.7	66
98	Possible solar modulation of the ENSO cycle. <i>Papers in Meteorology and Geophysics</i> , 2005, 55, 21-32.	0.9	18
99	Influence of the Southern Annular Mode on the sea ice-ocean system: the role of the thermal and mechanical forcing. <i>Ocean Science</i> , 2005, 1, 145-157.	1.3	57
100	Asymmetry between El Niño and La Niña in a Global Coupled GCM with an Eddy-Permitting Ocean Resolution. <i>Journal of Climate</i> , 2005, 18, 3373-3387.	1.2	12
101	Global Changes of the Water Cycle Intensity. <i>Journal of Climate</i> , 2005, 18, 1591-1608.	1.2	108
102	Seasonal Climate Predictability in a Coupled OAGCM Using a Different Approach for Ensemble Forecasts. <i>Journal of Climate</i> , 2005, 18, 4474-4497.	1.2	246
103	Rethinking Tropical Ocean Response to Global Warming: The Enhanced Equatorial Warming*. <i>Journal of Climate</i> , 2005, 18, 4684-4700.	1.2	212
104	Corals and reefs of Cosmoledo and Aldabra atolls: Extent of damage, assemblage shifts and recovery following the severe mortality of 1998. <i>Journal of Natural History</i> , 2005, 39, 103-121.	0.2	34
105	CLIMATE: Uncertainty in Hurricanes and Global Warming. <i>Science</i> , 2005, 308, 1753-1754.	6.0	374
106	Reducing Climatology Bias in an Ocean-Atmosphere CGCM with Improved Coupling Physics. <i>Journal of Climate</i> , 2005, 18, 2344-2360.	1.2	201
107	Fine-scale processes regulate the response of extreme events to global climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15774-15778.	3.3	403
108	Atlantic Ocean Forcing of North American and European Summer Climate. <i>Science</i> , 2005, 309, 115-118.	6.0	1,148

#	ARTICLE	IF	CITATIONS
109	Tropical Pacific Decadal Variability and the Subtropicalâ€”Tropical Cells. <i>Journal of Climate</i> , 2005, 18, 5163-5178.	1.2	50
110	The meteorology of the Western Indian Ocean, and the influence of the East African Highlands. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2005, 363, 25-42.	1.6	81
111	Variations in the distributions of <i>Centropages chierchiae</i> and <i>Temora stylifera</i> (Copepoda: Calanoida) in the north-eastern Atlantic Ocean and western European shelf waters. <i>ICES Journal of Marine Science</i> , 2005, 62, 869-877.	1.2	33
112	Sea surface temperature 1871â€”2099 in 38 cells in the Caribbean region. <i>Marine Environmental Research</i> , 2005, 60, 389-396.	1.1	52
113	Isotopic and elemental records in a non-tropical coral (<i>Cladocora caespitosa</i>): Discovery of a new high-resolution climate archive for the Mediterranean Sea. <i>Global and Planetary Change</i> , 2005, 49, 94-120.	1.6	35
114	Changes in world ocean nitrate availability through the 20th century. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2005, 52, 1719-1744.	0.6	25
115	Annual ENSO simulated in a coupled oceanâ€”atmosphere model. <i>Dynamics of Atmospheres and Oceans</i> , 2005, 39, 41-60.	0.7	17
116	Tracking the Arctic's shrinking ice cover: Another extreme September minimum in 2004. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	298
117	Validation, parameterization dependence, and future projection of daily precipitation simulated with a high-resolution atmospheric GCM. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	66
118	Seasonally dependent interannual variability of sea ice in the Bering Sea and its relation to atmospheric fluctuations. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	20
119	Role of sea ice in forcing the winter climate of Antarctica in a global climate model. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	11
120	On the reconstruction of seasonal oceanic precipitation in the presatellite era. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	7
121	Climatic response to high-latitude volcanic eruptions. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	157
122	Impacts of chemistry-aerosol coupling on tropospheric ozone and sulfate simulations in a general circulation model. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	52
123	Comment on â€œImproved global maps and 54-year history of wind-work on ocean inertial motionsâ€”by Matthew H. Alford: Time aliasing in estimating the wind-induced inertial energy. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	8
124	On the significance of atmospheric CO ₂ growth rate anomalies in 2002-2003. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	68
125	Internal and forced modes of variability in the Indian Ocean. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	52
126	A stratospheric influence on the winter NAO and North Atlantic surface climate. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	229

#	ARTICLE	IF	CITATIONS
127	A regional index of northeast Pacific variability based on satellite altimeter data. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	43
128	Simulation of Polar Antarctic trends: Influence of tropical SST. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	27
129	Anthropogenic and natural forcing impacts on ENSO-like decadal variability during the second half of the 20th century. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	14
130	Atlantic SST gradient and the influence of ENSO. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	11
131	A signature of persistent natural thermohaline circulation cycles in observed climate. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	992
132	Multi-scale modeling of the North Pacific Ocean: Assessment and analysis of simulated basin-scale variability (1996–2003). <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	69
133	The effects of climate change on storm surges around the United Kingdom. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2005, 363, 1313-1328.	1.6	134
134	Detection and Attribution of Twentieth-Century Northern and Southern African Rainfall Change. <i>Journal of Climate</i> , 2006, 19, 3989-4008.	1.2	402
135	Is the Thermohaline Circulation Changing?. <i>Journal of Climate</i> , 2006, 19, 4631-4637.	1.2	178
136	A New Globally Complete Monthly Historical Gridded Mean Sea Level Pressure Dataset (HadSLP2): 1850–2004. <i>Journal of Climate</i> , 2006, 19, 5816-5842.	1.2	742
137	The New Hadley Centre Climate Model (HadGEM1): Evaluation of Coupled Simulations. <i>Journal of Climate</i> , 2006, 19, 1327-1353.	1.2	424
138	The effects of sea-ice and land-snow concentrations on planetary albedo from the earth radiation budget experiment. <i>Atmosphere - Ocean</i> , 2006, 44, 195-205.	0.6	15
139	Multidecadal modulation of El Niño–Southern Oscillation (ENSO) variance by Atlantic Ocean sea surface temperatures. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	236
140	The accuracy of SST retrievals from AATSR: An initial assessment through geophysical validation against in situ radiometers, buoys and other SST data sets. <i>Advances in Space Research</i> , 2006, 37, 764-769.	1.2	56
141	Icelandic Coastal Sea Surface Temperature Records Constructed: Putting the Pulse on Air–Sea–Climate Interactions in the Northern North Atlantic. Part I: Comparison with HadISST1 Open-Ocean Surface Temperatures and Preliminary Analysis of Long-Term Patterns and Anomalies of SSTs around Iceland. <i>Journal of Climate</i> , 2006, 19, 5652-5666.	1.2	54
142	Tracking the extent of the South Pacific Convergence Zone since the early 1600s. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	113
143	Secular increase of seasonal predictability for the 20th century. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	11
144	Solar cycle effect delays onset of ozone recovery. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	36

#	ARTICLE	IF	CITATIONS
145	Dynamic and thermodynamic influences on intensified daily rainfall during the Asian summer monsoon under doubled atmospheric CO ₂ conditions. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	41
146	A 20th century acceleration in global sea-level rise. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	1,181
147	Global climate signals and equatorial SST variability in the Indian, Pacific and Atlantic oceans during the 20th century. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	15
148	SST forcing of decadal Indian Monsoon rainfall variability. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	73
149	Evaluation of the sea ice simulation in a new coupled atmosphere-ocean climate model (HadGEM1). <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	69
150	Two-hundred-fifty years of reconstructed and modeled tropical temperatures. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	74
151	Nonlinear trends and multiyear cycles in sea level records. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	289
152	Coral-based climate variability in the Western Pacific Warm Pool since 1867. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	56
153	Secular trends and climate drift in coupled ocean-atmosphere general circulation models. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	20
154	A multimodel study of the twentieth-century simulations of Sahel drought from the 1970s to 1990s. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	37
155	Arctic Oscillation response to volcanic eruptions in the IPCC AR4 climate models. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	199
156	Temperature trends at the surface and in the troposphere. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	56
157	Long-term evolution of upper stratospheric ozone at selected stations of the Network for the Detection of Stratospheric Change (NDSC). <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	79
158	Quantification of the source of errors in AM2 simulated tropical clear-sky outgoing longwave radiation. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	24
159	Reproducibility of geochemical and climatic signals in the Atlantic coral <i>Montastraea faveolata</i> . <i>Paleoceanography</i> , 2006, 21, n/a-n/a.	3.0	56
160	Atlantic hurricane trends linked to climate change. <i>Eos</i> , 2006, 87, 233.	0.1	498
161	Impact of Atlantic multidecadal oscillations on India/Sahel rainfall and Atlantic hurricanes. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	728
162	New evidence for a relationship between Atlantic tropical cyclone activity and African dust outbreaks. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	206

#	ARTICLE	IF	CITATIONS
163	Estimating uncertainties of projected Baltic Sea salinity in the late 21st century. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	119
164	Effect of changing Southern Hemisphere winter sea surface temperatures on Southern Annular Mode strength. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	31
165	Changing trends in the tropical Indian Ocean SST during La Niña years. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	24
166	An ozone increase in the Antarctic summer stratosphere: A dynamical response to the ozone hole. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	42
167	Climate change and interannual variability of precipitation in South America. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	31
168	Atlantic hurricanes and natural variability in 2005. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	729
169	Delayed coastal upwelling along the U.S. West Coast in 2005: A historical perspective. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	129
170	Recent trends in sea level pressure in the Indian Ocean region. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	62
171	Response of monsoon precipitation in the Himalayas to global warming. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	78
172	Variability in clear-sky longwave radiative cooling of the atmosphere. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	25
173	Assessment of temperature, trace species, and ozone in chemistry-climate model simulations of the recent past. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	414
174	Trends in global tropical cyclone activity over the past twenty years (1986-2005). <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	222
175	Coupled Ocean-Atmosphere-Ice Response to Variations in the Southern Annular Mode. <i>Journal of Climate</i> , 2006, 19, 4457-4486.	1.2	256
176	Ocean Circulation and Tropical Variability in the Coupled Model ECHAM5/MPI-OM. <i>Journal of Climate</i> , 2006, 19, 3952-3972.	1.2	788
177	Improved Analyses of Changes and Uncertainties in Sea Surface Temperature Measured In Situ since the Mid-Nineteenth Century: The HadSST2 Dataset. <i>Journal of Climate</i> , 2006, 19, 446-469.	1.2	721
178	Global temperature change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14288-14293.	3.3	1,566
179	Surface Fluxes for Practitioners of Global Ocean Data Assimilation. , 2006, , 229-270.		31
180	Modeling the Recent Evolution of Global Drought and Projections for the Twenty-First Century with the Hadley Centre Climate Model. <i>Journal of Hydrometeorology</i> , 2006, 7, 1113-1125.	0.7	516

#	ARTICLE	IF	CITATIONS
181	Widespread drought episodes in the western Great Lakes region during the past 2000 years: Geographic extent and potential mechanisms. <i>Earth and Planetary Science Letters</i> , 2006, 242, 415-427.	1.8	123
182	Meteorological impact assessment of possible large scale irrigation in Southwest Saudi Arabia. <i>Global and Planetary Change</i> , 2006, 54, 183-201.	1.6	14
183	Sea-level rise at tropical Pacific and Indian Ocean islands. <i>Global and Planetary Change</i> , 2006, 53, 155-168.	1.6	221
184	Coupling mechanisms between equatorial waves and cumulus convection in an AGCM. <i>Dynamics of Atmospheres and Oceans</i> , 2006, 42, 81-106.	0.7	18
185	Last Glacial Maximum temperatures over the North Atlantic, Europe and western Siberia: a comparison between PMIP models, MARGO sea surface temperatures and pollen-based reconstructions. <i>Quaternary Science Reviews</i> , 2006, 25, 2082-2102.	1.4	170
186	Sea ice evolution over the 20th and 21st centuries as simulated by current AOGCMs. <i>Ocean Modelling</i> , 2006, 12, 401-415.	1.0	192
187	Climatology of Vertical Wind Shear over the Tropical Atlantic. <i>Journal of Climate</i> , 2006, 19, 2969-2983.	1.2	74
188	Hemispheric ozone variability indices derived from satellite observations and comparison to a coupled chemistry-climate model. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 5105-5120.	1.9	2
189	Interannual variation patterns of total ozone and lower stratospheric temperature in observations and model simulations. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 349-374.	1.9	48
190	ASIAN SUMMER MONSOON UNDER THE GLOBAL WARMING USING A HIGH-RESOLUTION ATMOSPHERIC GENERAL CIRCULATION MODEL. <i>Proceedings of Hydraulic Engineering</i> , 2006, 50, 547-552.	0.0	1
191	Longer-term impacts of climate change on coral reefs. , 0, , 264-290.		6
192	Impact of Great Salinity Anomalies on the Low-Frequency Variability of the North Atlantic Climate. <i>Journal of Climate</i> , 2006, 19, 470-482.	1.2	62
193	A Study of Predictable Patterns for Seasonal Forecasting of New Zealand Rainfall. <i>Journal of Climate</i> , 2006, 19, 3320-3333.	1.2	28
194	Low-Frequency Variations of Surface Temperature in Observations and Simulations. <i>Journal of Climate</i> , 2006, 19, 4487-4507.	1.2	16
195	Winter North Atlantic Oscillation Hindcast Skill: 1900-2001. <i>Journal of Climate</i> , 2006, 19, 5762-5776.	1.2	20
196	Validation of the AATSR Meteo Product Sea Surface Temperature. <i>Journal of Atmospheric and Oceanic Technology</i> , 2006, 23, 711-726.	0.5	42
197	The Role of Sea Surface Temperature in Reanalysis. <i>Monthly Weather Review</i> , 2006, 134, 532-552.	0.5	9
198	Toward Estimating Climatic Trends in SST. Part II: Random Errors. <i>Journal of Atmospheric and Oceanic Technology</i> , 2006, 23, 476-486.	0.5	37

#	ARTICLE	IF	CITATIONS
199	Variability in the Indian Ocean circulation and salinity and its impact on SST anomalies during dipole events. <i>Journal of Marine Research</i> , 2006, 64, 853-880.	0.3	114
200	A Description of Interdecadal Time-Scale Propagating North Atlantic Sea Surface Temperature Anomalies and Their Effect on Winter European Climate, 1948–2002. <i>Journal of Climate</i> , 2006, 19, 1067-1079.	1.2	4
201	Recent changes in the Arctic melt Season. <i>Annals of Glaciology</i> , 2006, 44, 367-374.	2.8	56
202	Increased Eurasian-tropical temperature amplitude difference in recent centuries: Implications for the Asian monsoon. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	25
203	The influence of ENSO on winter North Atlantic climate. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	154
204	Timing of global warming in IPCC AR4 AOGCM simulations. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	10
205	Influence of the Seasonal Cycle on the Termination of El Niño Events in a Coupled General Circulation Model. <i>Journal of Climate</i> , 2006, 19, 1850-1868.	1.2	78
206	The Vertical Structure of Temperature in the Tropics: Different Flavors of El Niño. <i>Journal of Climate</i> , 2006, 19, 4956-4973.	1.2	75
207	Toward Estimating Climatic Trends in SST. Part I: Methods of Measurement. <i>Journal of Atmospheric and Oceanic Technology</i> , 2006, 23, 464-475.	0.5	55
208	The Measurement of the Sea Surface Temperature by Satellites from 1991 to 2005. <i>Journal of Atmospheric and Oceanic Technology</i> , 2006, 23, 1573-1582.	0.5	16
209	Seasonality and Meridional Propagation of the MJO. <i>Journal of Climate</i> , 2006, 19, 1901-1921.	1.2	36
210	Toward a Seasonally Ice-Covered Arctic Ocean: Scenarios from the IPCC AR4 Model Simulations. <i>Journal of Climate</i> , 2006, 19, 1730-1747.	1.2	205
211	Properties of El Niño–Southern Oscillation in Different Equilibrium Climates with HadCM3. <i>Journal of Climate</i> , 2006, 19, 4854-4876.	1.2	13
212	Attribution and Impacts of Upper-Ocean Biases in CCSM3. <i>Journal of Climate</i> , 2006, 19, 2325-2346.	1.2	225
213	Tropical Pacific and Atlantic Climate Variability in CCSM3. <i>Journal of Climate</i> , 2006, 19, 2451-2481.	1.2	139
214	Diagnosing Sources of U.S. Seasonal Forecast Skill. <i>Journal of Climate</i> , 2006, 19, 3279-3293.	1.2	85
215	Attribution of the Late-Twentieth-Century Rainfall Decline in Southwest Australia. <i>Journal of Climate</i> , 2006, 19, 2046-2062.	1.2	88
216	Effects of Ocean Biology on the Penetrative Radiation in a Coupled Climate Model. <i>Journal of Climate</i> , 2006, 19, 3973-3987.	1.2	121

#	ARTICLE	IF	CITATIONS
217	Can CGCMs Simulate the Twentieth-Century "Warming Hole" in the Central United States?. <i>Journal of Climate</i> , 2006, 19, 4137-4153.	1.2	127
218	Observed Low-Frequency Covariabilities between the Tropical Oceans and the North Atlantic Oscillation in the Twentieth Century. <i>Journal of Climate</i> , 2006, 19, 1032-1041.	1.2	8
219	Specification of Wintertime North American Surface Temperature. <i>Journal of Climate</i> , 2006, 19, 2691-2716.	1.2	26
220	A Characterization of Tropical Transient Activity in the CAM3 Atmospheric Hydrologic Cycle. <i>Journal of Climate</i> , 2006, 19, 2222-2242.	1.2	39
221	Megadroughts in the Indian Monsoon Region and Southwest North America and a Mechanism for Associated Multidecadal Pacific Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2006, 19, 1605-1623.	1.2	237
222	ENSO Evolution and Teleconnections in IPCC's Twentieth-Century Climate Simulations: Realistic Representation?. <i>Journal of Climate</i> , 2006, 19, 4360-4377.	1.2	121
223	Assessment of Twentieth-Century Regional Surface Temperature Trends Using the GFDL CM2 Coupled Models. <i>Journal of Climate</i> , 2006, 19, 1624-1651.	1.2	206
224	Spawning and reproductive patterns of six exploited finfish species from the Arabian Sea, Sultanate of Oman. <i>Journal of Applied Ichthyology</i> , 2006, 22, 167-176.	0.3	27
225	Weakening of tropical Pacific atmospheric circulation due to anthropogenic forcing. <i>Nature</i> , 2006, 441, 73-76.	13.7	894
226	Spatiotemporal features of global warming. <i>Doklady Earth Sciences</i> , 2006, 410, 1160-1165.	0.2	6
227	On the nonlinear interaction between global teleconnection patterns. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2006, 132, 447-465.	1.0	8
228	Influence of May Atlantic Ocean initial conditions on the subsequent North Atlantic winter climate. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2006, 132, 2977-2999.	1.0	8
229	The 2005/06 winter in Europe and the United Kingdom: Part 2 " Prediction techniques and their assessment against observations. <i>Weather</i> , 2006, 61, 337-346.	0.6	17
230	Recent anomalies in North Atlantic sea-surface temperatures. <i>Weather</i> , 2006, 61, 55-56.	0.6	0
231	Global and regional climate in 2005. <i>Weather</i> , 2006, 61, 215-224.	0.6	7
232	Global Warming and the Summertime Evapotranspiration Regime of the Alpine Region. <i>Climatic Change</i> , 2006, 79, 65-78.	1.7	68
233	Simulating multi-decadal variability of Caspian Sea level changes using regional climate model outputs. <i>Climate Dynamics</i> , 2006, 26, 167-181.	1.7	22
234	El Niño "mean state" seasonal cycle interactions in a multi-model ensemble. <i>Climate Dynamics</i> , 2006, 26, 329-348.	1.7	368

#	ARTICLE	IF	CITATIONS
235	Decadal interactions between the western tropical Pacific and the North Atlantic Oscillation. <i>Climate Dynamics</i> , 2006, 26, 79-91.	1.7	172
236	Twentieth century simulation of the southern hemisphere climate in coupled models. Part II: sea ice conditions and variability. <i>Climate Dynamics</i> , 2006, 26, 229-245.	1.7	53
237	On the tropical origin of uncertainties in the global land precipitation response to global warming. <i>Climate Dynamics</i> , 2006, 26, 367-385.	1.7	58
238	Air-sea coupling in the North Atlantic during summer. <i>Climate Dynamics</i> , 2006, 26, 441-457.	1.7	24
239	Twenty-first century Arctic climate change in the CCSM3 IPCC scenario simulations. <i>Climate Dynamics</i> , 2006, 26, 601-616.	1.7	20
240	Climatic trends. <i>Climate Dynamics</i> , 2006, 26, 567-585.	1.7	19
241	Climate fluctuations of the Weddell Sea and its surroundings in a transient climate change scenario. <i>Climate Dynamics</i> , 2006, 27, 83-99.	1.7	4
242	ENSO simulation in coupled ocean-atmosphere models: are the current models better?. <i>Climate Dynamics</i> , 2006, 27, 1-15.	1.7	233
243	Towards quantifying uncertainty in transient climate change. <i>Climate Dynamics</i> , 2006, 27, 127-147.	1.7	317
244	A comparison of low-latitude cloud properties and their response to climate change in three AGCMs sorted into regimes using mid-tropospheric vertical velocity. <i>Climate Dynamics</i> , 2006, 27, 261-279.	1.7	101
245	Sensitivity of global warming to the pattern of tropical ocean warming. <i>Climate Dynamics</i> , 2006, 27, 483-492.	1.7	58
246	Atmospheric GCM response to an idealized anomaly of the Mediterranean sea surface temperature. <i>Climate Dynamics</i> , 2006, 27, 543-552.	1.7	35
247	Detecting decadal changes in ENSO using neural networks. <i>Climate Dynamics</i> , 2006, 28, 147-162.	1.7	77
248	ENSO forcing of the Northern Hemisphere climate in a large ensemble of model simulations based on a very long SST record. <i>Climate Dynamics</i> , 2006, 28, 231-254.	1.7	27
249	Extratropical control of recent tropical Pacific decadal climate variability: a relay teleconnection. <i>Climate Dynamics</i> , 2006, 28, 99-112.	1.7	37
250	Climate change and North Sea storm surge extremes: an ensemble study of storm surge extremes expected in a changed climate projected by four different regional climate models. <i>Ocean Dynamics</i> , 2006, 56, 3-15.	0.9	179
251	Climatic regulation of the Black Sea hydro-meteorological and ecological properties at interannual-to-decadal time scales. <i>Journal of Marine Systems</i> , 2006, 60, 235-254.	0.9	124
252	Using continuous plankton recorder data. <i>Progress in Oceanography</i> , 2006, 68, 27-74.	1.5	309

#	ARTICLE	IF	CITATIONS
253	Interdecadal variability and climate change in the eastern tropical Pacific: A review. Progress in Oceanography, 2006, 69, 267-284.	1.5	46
254	Analogue forecasting of New Zealand climate anomalies. International Journal of Climatology, 2006, 26, 485-504.	1.5	14
255	The development of a new dataset of Spanish Daily Adjusted Temperature Series (SDATS) (1850–2003). International Journal of Climatology, 2006, 26, 1777-1802.	1.5	136
256	Temperature-related trends in the vertical position of the summer upper tropospheric surface of maximum wind over the Northern Hemisphere. International Journal of Climatology, 2006, 26, 1977-1997.	1.5	4
257	Climate Change Projections for the Twenty-First Century and Climate Change Commitment in the CCSM3. Journal of Climate, 2006, 19, 2597-2616.	1.2	239
258	Trends in Stratospheric Ozone: Lessons Learned from a 3D Chemical Transport Model. Journals of the Atmospheric Sciences, 2006, 63, 1028-1041.	0.6	93
259	Daily Mean Sea Level Pressure Reconstructions for the European–North Atlantic Region for the Period 1850–2003. Journal of Climate, 2006, 19, 2717-2742.	1.2	165
260	Precipitation Characteristics in Eighteen Coupled Climate Models. Journal of Climate, 2006, 19, 4605-4630.	1.2	902
261	Sea-ice and North Atlantic climate response to CO ₂ -induced warming and cooling conditions. Journal of Glaciology, 2006, 52, 433-439.	1.1	2
262	The Dynamical Simulation of the Community Atmosphere Model Version 3 (CAM3). Journal of Climate, 2006, 19, 2162-2183.	1.2	135
263	Simulation of the 1976/77 Climate Transition over the North Pacific: Sensitivity to Tropical Forcing. Journal of Climate, 2006, 19, 6170-6180.	1.2	88
264	Climate Sensitivity of Moderate- and Low-Resolution Versions of CCSM3 to Preindustrial Forcings. Journal of Climate, 2006, 19, 2567-2583.	1.2	73
265	Snowpack Variations in the Central Andes of Argentina and Chile, 1951–2005: Large-Scale Atmospheric Influences and Implications for Water Resources in the Region. Journal of Climate, 2006, 19, 6334-6352.	1.2	195
266	A CGCM Study on the Interaction between IOD and ENSO. Journal of Climate, 2006, 19, 1688-1705.	1.2	288
267	Influence of the Sea Ice Thickness Distribution on Polar Climate in CCSM3. Journal of Climate, 2006, 19, 2398-2414.	1.2	168
268	Feasibility of a 100-Year Reanalysis Using Only Surface Pressure Data. Bulletin of the American Meteorological Society, 2006, 87, 175-190.	1.7	362
270	Recent Climatology, Variability, and Trends in Global Surface Humidity. Journal of Climate, 2006, 19, 3589-3606.	1.2	397
271	Climate regime shifts and community reorganization in the Gulf of Alaska: how do recent shifts compare with 1976/1977?. ICES Journal of Marine Science, 2006, 63, 1386-1396.	1.2	62

#	ARTICLE	IF	CITATIONS
272	Twentieth-Century Surface Air Temperature over China and the Globe Simulated by Coupled Climate Models. <i>Journal of Climate</i> , 2006, 19, 5843-5858.	1.2	278
273	Weakening of North Indian SST Gradients and the Monsoon Rainfall in India and the Sahel. <i>Journal of Climate</i> , 2006, 19, 2036-2045.	1.2	278
274	The Formulation and Atmospheric Simulation of the Community Atmosphere Model Version 3 (CAM3). <i>Journal of Climate</i> , 2006, 19, 2144-2161.	1.2	895
275	The Community Climate System Model Version 3 (CCSM3). <i>Journal of Climate</i> , 2006, 19, 2122-2143.	1.2	2,075
276	Present-Day Atmospheric Simulations Using GISS ModelE: Comparison to In Situ, Satellite, and Reanalysis Data. <i>Journal of Climate</i> , 2006, 19, 153-192.	1.2	832
277	Simulation of Water Sources and Precipitation Recycling for the MacKenzie, Mississippi, and Amazon River Basins. <i>Journal of Hydrometeorology</i> , 2006, 7, 312-329.	0.7	76
278	North American droughts of the mid to late nineteenth century: a history, simulation and implication for Mediaeval drought. <i>Holocene</i> , 2006, 16, 159-171.	0.9	147
279	Increasing Trend of Extreme Rain Events Over India in a Warming Environment. <i>Science</i> , 2006, 314, 1442-1445.	6.0	1,540
280	The South Asian Summer Monsoon and Its Relationship with ENSO in the IPCC AR4 Simulations. <i>Journal of Climate</i> , 2007, 20, 1071-1092.	1.2	353
281	Global Warming and the Weakening of the Tropical Circulation. <i>Journal of Climate</i> , 2007, 20, 4316-4340.	1.2	1,036
282	Climate Response to Basin-Scale Warming and Cooling of the North Atlantic Ocean. <i>Journal of Climate</i> , 2007, 20, 891-907.	1.2	254
283	Influence of the Madden-Julian Oscillation on Southern African Summer Rainfall. <i>Journal of Climate</i> , 2007, 20, 4227-4242.	1.2	62
284	Effects of Land Surface Vegetation on the Boreal Summer Surface Climate of a GCM. <i>Journal of Climate</i> , 2007, 20, 255-278.	1.2	26
285	Seasonal and Interannual Variations of Oceanic Conditions in the Angola Dome. <i>Journal of Physical Oceanography</i> , 2007, 37, 2698-2713.	0.7	31
286	The Influence of Tropical Indian Ocean SST on the Indian Summer Monsoon. <i>Journal of Climate</i> , 2007, 20, 3083-3105.	1.2	65
287	Daily High-Resolution-Blended Analyses for Sea Surface Temperature. <i>Journal of Climate</i> , 2007, 20, 5473-5496.	1.2	3,371
288	Characterization of the Interannual and Intraseasonal Variability of West African Vegetation between 1982 and 2002 by Means of NOAA AVHRR NDVI Data. <i>Journal of Climate</i> , 2007, 20, 1202-1218.	1.2	62
289	El Niño in a Coupled Climate Model: Sensitivity to Changes in Mean State Induced by Heat Flux and Wind Stress Corrections. <i>Journal of Climate</i> , 2007, 20, 2273-2298.	1.2	29

#	ARTICLE	IF	CITATIONS
290	Local versus Tropical Diabatic Heating and the Winter North Atlantic Oscillation. <i>Journal of Climate</i> , 2007, 20, 2058-2075.	1.2	28
291	Impacts of ENSO and Indian Ocean Dipole Events on the Southern Hemisphere Storm-Track Activity during Austral Winter. <i>Journal of Climate</i> , 2007, 20, 3147-3163.	1.2	88
292	Influence of El Niño on the Upper-Ocean Circulation in the Tropical Atlantic Ocean. <i>Journal of Climate</i> , 2007, 20, 5012-5018.	1.2	9
293	The Dynamic Response of the Winter Stratosphere to an Equable Climate Surface Temperature Gradient. <i>Journal of Climate</i> , 2007, 20, 5213-5228.	1.2	12
294	An Empirical Orthogonal Function Iteration Approach for Obtaining Homogeneous Radiative Fluxes from Satellite Observations. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 435-444.	0.6	9
295	The Tropical Atmospheric El Niño Signal in Satellite Precipitation Data and a Global Climate Model. <i>Journal of Climate</i> , 2007, 20, 3580-3601.	1.2	17
296	Understanding Equatorial Atlantic Interannual Variability. <i>Journal of Climate</i> , 2007, 20, 131-142.	1.2	232
297	The Turn of the Century North American Drought: Global Context, Dynamics, and Past Analogs*. <i>Journal of Climate</i> , 2007, 20, 5527-5552.	1.2	206
298	Seasonal Climate of the Tropical Atlantic Sector in the NCAR Community Climate System Model 3: Error Structure and Probable Causes of Errors. <i>Journal of Climate</i> , 2007, 20, 1053-1070.	1.2	61
299	Modeling Decadal Changes on the Indian Ocean Section I5 at 32°S. <i>Journal of Climate</i> , 2007, 20, 3106-3130.	1.2	4
300	Modeled Impact of Anthropogenic Land Cover Change on Climate. <i>Journal of Climate</i> , 2007, 20, 3621-3634.	1.2	166
301	Low-Frequency Variability of the Indian Monsoon—ENSO Relationship and the Tropical Atlantic: The “Weakening” of the 1980s and 1990s. <i>Journal of Climate</i> , 2007, 20, 4255-4266.	1.2	197
302	Enhancement of ENSO Variability by a Weakened Atlantic Thermohaline Circulation in a Coupled GCM. <i>Journal of Climate</i> , 2007, 20, 4920-4939.	1.2	103
303	Impact of the Atlantic Warm Pool on the Summer Climate of the Western Hemisphere. <i>Journal of Climate</i> , 2007, 20, 5021-5040.	1.2	94
304	The Adjustment of the Coupled Climate Model HadGEM1 toward Equilibrium and the Impact on Global Climate. <i>Journal of Climate</i> , 2007, 20, 5815-5826.	1.2	17
305	EFFECTS OF CLIMATE AND SEAWATER TEMPERATURE VARIATION ON CORAL BLEACHING AND MORTALITY. <i>Ecological Monographs</i> , 2007, 77, 503-525.	2.4	227
306	Whither Arctic sea ice? A clear signal of decline regionally, seasonally and extending beyond the satellite record. <i>Annals of Glaciology</i> , 2007, 46, 428-434.	2.8	172
307	Model-based assessment of the role of human-induced climate change in the 2005 Caribbean coral bleaching event. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5483-5488.	3.3	156

#	ARTICLE	IF	CITATIONS
308	Changes in severe thunderstorm environment frequency during the 21st century caused by anthropogenically enhanced global radiative forcing. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19719-19723.	3.3	277
309	The Years of El Niño, La Niña, and Interactions with the Tropical Indian Ocean. Journal of Climate, 2007, 20, 2872-2880.	1.2	469
310	Comparative Analysis of the Western Arctic Surface Climate among Observations and Model Simulations. Earth Interactions, 2007, 11, 1-24.	0.7	6
311	Coral reef bleaching and global climate change: Can corals survive the next century?. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5259-5260.	3.3	62
312	Observations of warming on the Western Australian continental shelf. Marine and Freshwater Research, 2007, 58, 914.	0.7	107
313	Evidence for a Rapid Global Climate Shift across the Late 1960s. Journal of Climate, 2007, 20, 2721-2744.	1.2	149
314	The Detection and Attribution of Climate Change Using an Ensemble of Opportunity. Journal of Climate, 2007, 20, 504-516.	1.2	31
315	The 1985 Southern Hemisphere mid-latitude total column ozone anomaly. Atmospheric Chemistry and Physics, 2007, 7, 5625-5637.	1.9	14
316	Dangerous human-made interference with climate: a GISS modelE study. Atmospheric Chemistry and Physics, 2007, 7, 2287-2312.	1.9	211
317	A More General Framework for Understanding Atlantic Hurricane Variability and Trends. Bulletin of the American Meteorological Society, 2007, 88, 1767-1782.	1.7	224
318	El Niño–Southern Oscillation Simulation at 6000 Years before Present with the MRI-CGCM2.3: Effect of Flux Adjustment. Journal of Climate, 2007, 20, 2484-2499.	1.2	7
319	North Pacific Storm Track Variations in Winter Season and the Coupled Pattern with the Midlatitude Atmosphere–Ocean System. Chinese Journal of Geophysics, 2007, 50, 94-103.	0.2	13
320	West African Storm Tracks and Their Relationship to Atlantic Tropical Cyclones. Journal of Climate, 2007, 20, 2468-2483.	1.2	80
321	Observed Changes in the Lifetime and Amplitude of the Madden–Julian Oscillation Associated with Interannual ENSO Sea Surface Temperature Anomalies. Journal of Climate, 2007, 20, 2659-2674.	1.2	119
322	Interannual to Decadal Predictability of Tropical and North Pacific Sea Surface Temperatures. Journal of Climate, 2007, 20, 2333-2356.	1.2	148
323	The Double-ITCZ Problem in IPCC AR4 Coupled GCMs: Ocean–Atmosphere Feedback Analysis. Journal of Climate, 2007, 20, 4497-4525.	1.2	530
324	Possible connection between Pacific Oceanic interdecadal pathway and east Asian winter monsoon. Geophysical Research Letters, 2007, 34, .	1.5	66
325	A Multimodel Update on the Detection and Attribution of Global Surface Warming. Journal of Climate, 2007, 20, 517-530.	1.2	18

#	ARTICLE	IF	CITATIONS
326	Increasing Antarctic Sea Ice under Warming Atmospheric and Oceanic Conditions. <i>Journal of Climate</i> , 2007, 20, 2515-2529.	1.2	171
327	Blueprints for Medieval hydroclimate. <i>Quaternary Science Reviews</i> , 2007, 26, 2322-2336.	1.4	173
328	Interdecadal climate variability in the Coral Sea since 1708 A.D.. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 248, 190-201.	1.0	47
329	Historical whaling records reveal major regional retreat of Antarctic sea ice. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 243-252.	0.6	35
330	Comparison of atmospheric forcing in four sub-arctic seas. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 2543-2559.	0.6	7
331	The development of the northern European fishery for north Atlantic bluefin tuna <i>Thunnus thynnus</i> during 1900â€“1950. <i>Fisheries Research</i> , 2007, 87, 229-239.	0.9	46
332	Observed temperature trends in the Indian Ocean over 1960â€“1999 and associated mechanisms. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	249
333	Decadal to multidecadal variability and the climate change background. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	256
334	A New Look at Stratospheric Sudden Warmings. Part II: Evaluation of Numerical Model Simulations. <i>Journal of Climate</i> , 2007, 20, 470-488.	1.2	129
335	Decadal to centennial variability of the Atlantic from observations and models. <i>Geophysical Monograph Series</i> , 2007, , 131-148.	0.1	58
336	Metadata from WMO Publication No. 47 and an Assessment of Voluntary Observing Ship Observation Heights in ICOADS. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007, 24, 214-234.	0.5	91
337	A global climate model study of CH4 emissions during the Holocene and glacial-interglacial transitions constrained by ice core data. <i>Global Biogeochemical Cycles</i> , 2007, 21, .	1.9	22
338	An objective ocean temperature and salinity analysis using covariances from a global climate model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	118
339	Land/sea warming ratio in response to climate change: IPCC AR4 model results and comparison with observations. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	339
340	Warming and oxygen decrease of intermediate water in the northwestern North Pacific, originating from the Sea of Okhotsk, 1955â€“2004. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	103
341	Atlantic warm pool, Caribbean low-level jet, and their potential impact on Atlantic hurricanes. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	113
342	Can the Atlantic Ocean drive the observed multidecadal variability in Northern Hemisphere mean temperature?. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	167
343	A representative time-series for the Southern Hemisphere zonal wave 1. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	15

#	ARTICLE	IF	CITATIONS
344	Interdecadal variability of ENSO in 21 IPCC AR4 coupled GCMs. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	60
345	Intercomparison of passive microwave sea ice concentration retrievals over the high-concentration Arctic sea ice. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	135
346	A comparison of Arctic Ocean sea ice concentration among the coordinated AOMIP model experiments. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	34
347	El Niño Modoki and its possible teleconnection. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	2,115
348	Decadal variations and trends in tropical Pacific sea surface salinity since 1970. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	92
349	Variations of the seasonal sea level cycle in southern Europe. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	53
350	Decadal changes in 1870–2004 Northern Hemisphere winter sea level pressure variability and its relationship with surface temperature. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	17
351	Have Australian rainfall and cloudiness increased due to the remote effects of Asian anthropogenic aerosols?. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	127
352	Water isotope expressions of intrinsic and forced variability in a coupled ocean-atmosphere model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	248
353	The influence of atmospheric zonal wave three on Antarctic sea ice variability. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	87
354	Response of stratospheric circulation and stratosphere-troposphere exchange to changing sea surface temperatures. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	38
355	Changes in the variability of North Pacific Oscillation around 1975/1976 and its relationship with East Asian winter climate. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	79
356	Ice core records as sea ice proxies: An evaluation from the Weddell Sea region of Antarctica. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	59
357	Changes in the stratospheric mean meridional circulation due to increased CO ₂ : Radiation- and sea surface temperature-induced effects. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	26
358	Robustness of proxy-based climate field reconstruction methods. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	129
359	Water and energy budgets of hurricanes and implications for climate change. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	62
360	Multimodel projections of stratospheric ozone in the 21st century. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	308
361	Analysis of seasonal terrestrial water storage variations in regional climate simulations over Europe. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	24

#	ARTICLE	IF	CITATIONS
362	Tropical river flow and rainfall reconstructions from coral luminescence: Great Barrier Reef, Australia. <i>Paleoceanography</i> , 2007, 22, .	3.0	113
363	Lowering of glacial atmospheric CO ₂ in response to changes in oceanic circulation and marine biogeochemistry. <i>Paleoceanography</i> , 2007, 22, .	3.0	180
364	Atlantic tropical cyclones revisited. <i>Eos</i> , 2007, 88, 349-350.	0.1	49
365	The Atlantic Meridional Mode and hurricane activity. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	255
366	Arctic sea ice decline: Faster than forecast. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	1,459
367	Heat stress intensification in the Mediterranean climate change hotspot. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	361
368	Lack of bipolar see-saw in response to Southern Ocean wind reduction. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	16
369	Relationship between trends in land precipitation and tropical SST gradient. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	22
370	Contributions of natural and anthropogenic forcings to the summer cooling over eastern China: An AGCM study. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	51
371	Impact of a modified convective scheme on the Madden-Julian Oscillation and El Niño Southern Oscillation in a coupled climate model. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	54
372	Future regional Arctic sea ice declines. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	108
373	Uncertainty in the sensitivity of Arctic sea ice to global warming in a perturbed parameter climate model ensemble. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	14
374	Cooling of the Atlantic by Saharan dust. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	92
375	On the Pacific Decadal Oscillation and the Atlantic Multidecadal Oscillation: Might they be related?. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	83
376	Impact of the Atlantic Multidecadal Oscillation on North Pacific climate variability. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	217
377	An Antarctic assessment of IPCC AR4 coupled models. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	81
378	Isolating the signal of ocean global warming. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	74
379	Evidence for a modest undercount bias in early historical Atlantic tropical cyclone counts. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	58

#	ARTICLE	IF	CITATIONS
380	The influence of climate state variables on Atlantic Tropical Cyclone occurrence rates. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	38
381	Manifestation of remote response over the equatorial Pacific in a climate model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	10
382	Simulation of ENSO forcings on U.S. drought by the HadCM3 coupled climate model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	5
383	Climate response to projected changes in short-lived species under an A1B scenario from 2000 to 2050 in the GISS climate model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	40
384	An 8th-century tropical Atlantic SST record from the Cariaco Basin: Baseline variability, twentieth-century warming, and Atlantic hurricane frequency. <i>Paleoceanography</i> , 2007, 22, .	3.0	106
385	Reconstructing twentieth-century sea surface temperature variability in the southwest Pacific: A replication study using multiple coral Sr/Ca records from New Caledonia. <i>Paleoceanography</i> , 2007, 22, .	3.0	113
386	Long-term increase in <i>Karenia brevis</i> abundance along the Southwest Florida Coast. <i>Harmful Algae</i> , 2007, 6, 232-252.	2.2	166
387	A Synthesis of Antarctic Temperatures. <i>Journal of Climate</i> , 2007, 20, 4096-4117.	1.2	181
388	Influence of recruitment and temperature on distribution of intertidal barnacles in the English Channel. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 487-499.	0.4	52
389	The Influence of a Weakening of the Atlantic Meridional Overturning Circulation on ENSO. <i>Journal of Climate</i> , 2007, 20, 4899-4919.	1.2	282
390	Recent observations of seasonal variability of the Mediterranean outflow in the Strait of Gibraltar. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	78
391	Atmospheric multidecadal variations in the North Atlantic realm: proxy data, observations, and atmospheric circulation model studies. <i>Climate of the Past</i> , 2007, 3, 39-50.	1.3	32
392	Study of the Sensitivity of Optical Properties of Mineral Dust to the Direct Aerosol Radiative Perturbation Using a Global Aerosol Transport Model. <i>Scientific Online Letters on the Atmosphere</i> , 2007, 3, 33-36.	0.6	13
393	Different transient climate responses of two versions of an atmosphere-ocean coupled general circulation model. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	12
394	Indian summer monsoon rainfall and its link with ENSO and Indian Ocean climate indices. <i>International Journal of Climatology</i> , 2007, 27, 179-187.	1.5	117
395	Basin-wide warming of the Indian Ocean during El Niño and Indian Ocean dipole years. <i>International Journal of Climatology</i> , 2007, 27, 1421-1438.	1.5	108
396	Global warming and coral reefs: Modelling the effect of temperature on <i>Acropora palmata</i> colony growth. <i>Computational Biology and Chemistry</i> , 2007, 31, 294-297.	1.1	17
397	Global and regional climate in 2006. <i>Weather</i> , 2007, 62, 232-242.	0.6	5

#	ARTICLE	IF	CITATIONS
398	Global warming and changes of continentality since 1948. <i>Weather</i> , 2007, 62, 215-221.	0.6	8
399	The effect of doubled CO ₂ and model basic state biases on the monsoon-ENSO system. I: Mean response and interannual variability. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2007, 133, 1143-1157.	1.0	68
400	The effect of doubled CO ₂ and model basic state biases on the monsoon-ENSO system. II: Changing ENSO regimes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2007, 133, 1159-1173.	1.0	8
401	Granger causality and Atlantic hurricanes. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2007, 59, 476-485.	0.8	49
402	Modeling the evolution of the world ocean ice cover in the 20th and 21st centuries. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2007, 43, 142-157.	0.2	10
403	Effect of remote sea surface temperature change on tropical cyclone potential intensity. <i>Nature</i> , 2007, 450, 1066-1070.	13.7	376
404	Oscillating trophic control induces community reorganization in a marine ecosystem. <i>Ecology Letters</i> , 2007, 10, 1124-1134.	3.0	110
405	FLUXNET and modelling the global carbon cycle. <i>Global Change Biology</i> , 2007, 13, 610-633.	4.2	234
406	Daily ocean monitoring since the 1860s shows record warming of northern European seas. <i>Global Change Biology</i> , 2007, 13, 1335-1347.	4.2	141
407	Hurricane Destructive Power Predictions Based on Historical Storm and Sea Surface Temperature Data. <i>Risk Analysis</i> , 2007, 27, 1497-1517.	1.5	4
408	A review of modern coral $\delta^{18}O$ and $\delta^{14}C$ proxy records. <i>Earth-Science Reviews</i> , 2007, 81, 67-91.	4.0	163
409	Interdecadal variation of the lower trophic ecosystem in the northern Pacific between 1948 and 2002, in a 3-D implementation of the NEMURO model. <i>Ecological Modelling</i> , 2007, 202, 81-94.	1.2	49
410	Macroecological study of <i>Centropages typicus</i> in the North Atlantic Ocean. <i>Progress in Oceanography</i> , 2007, 72, 259-273.	1.5	28
411	Impact of climate variability on tropospheric ozone. <i>Science of the Total Environment</i> , 2007, 374, 167-181.	3.9	75
412	Propagation and origin of warm anomalies in the Angola Benguela upwelling system in 2001. <i>Journal of Marine Systems</i> , 2007, 68, 473-488.	0.9	92
413	Tropical cyclone genesis over the south China sea. <i>Journal of Marine Systems</i> , 2007, 68, 318-326.	0.9	173
414	Long-term variability of surface temperature in the Black Sea, and its connection with the large-scale atmospheric forcing. <i>Journal of Marine Systems</i> , 2007, 68, 293-301.	0.9	45
415	Long-term sea surface temperature baselines—time series, spatial covariation and implications for biological processes. <i>Journal of Marine Systems</i> , 2007, 68, 405-420.	0.9	39

#	ARTICLE	IF	CITATIONS
416	Spatio-temporal patterns of juvenile marine turtle occurrence in waters of the European continental shelf. <i>Marine Biology</i> , 2007, 151, 873-885.	0.7	34
417	Performance of a reconfigured atmospheric general circulation model at low resolution. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 712-728.	1.9	11
418	Interdecadal variability of the East Asian summer monsoon in an AGCM. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 808-818.	1.9	36
419	The Preferred Structure of the Interannual Indian Monsoon Variability. <i>Pure and Applied Geophysics</i> , 2007, 164, 1717-1732.	0.8	10
420	Autumn atmospheric preconditioning for interannual variability of wintertime sea-ice in the Okhotsk Sea. <i>Journal of Oceanography</i> , 2007, 63, 255-265.	0.7	16
421	Diurnal sea surface temperature variation and its impact on the atmosphere and ocean: A review. <i>Journal of Oceanography</i> , 2007, 63, 721-744.	0.7	275
422	A summary of the PRUDENCE model projections of changes in European climate by the end of this century. <i>Climatic Change</i> , 2007, 81, 7-30.	1.7	936
423	An inter-comparison of regional climate models for Europe: model performance in present-day climate. <i>Climatic Change</i> , 2007, 81, 31-52.	1.7	602
424	Present-day and future precipitation in the Baltic Sea region as simulated in a suite of regional climate models. <i>Climatic Change</i> , 2007, 81, 281-291.	1.7	60
425	Interdecadal mode and its propagating characteristics of SSTA in the South Pacific. <i>Meteorology and Atmospheric Physics</i> , 2007, 98, 115-124.	0.9	13
426	Trend and interannual variability of temperature in Malaysia: 1961-2002. <i>Theoretical and Applied Climatology</i> , 2007, 89, 127-141.	1.3	79
427	Reconstruction of Northern Hemisphere 500-hPa geopotential heights back to the late 19th century. <i>Theoretical and Applied Climatology</i> , 2007, 90, 83-102.	1.3	12
428	Intraannual dissimilarities between monthly mean Northern Hemisphere temperature anomalies during the twentieth century. <i>Theoretical and Applied Climatology</i> , 2007, 90, 161-168.	1.3	6
429	ENSO-coupled precipitation records (1959-2004) based on shells of freshwater bivalve mollusks (<i>Margaritifera falcata</i>) from British Columbia. <i>International Journal of Earth Sciences</i> , 2007, 96, 525-540.	0.9	27
430	A recipe for simulating the interannual variability of the Asian summer monsoon and its relation with ENSO. <i>Climate Dynamics</i> , 2007, 28, 441-460.	1.7	43
431	Cycles and shifts: 1,300 years of multi-decadal temperature variability in the Gulf of Alaska. <i>Climate Dynamics</i> , 2007, 28, 425-440.	1.7	87
432	The influence of air-sea interaction on the Madden-Julian Oscillation: the role of the seasonal mean state. <i>Climate Dynamics</i> , 2007, 28, 703-722.	1.7	20
433	Soil moisture memory and West African monsoon predictability: artefact or reality?. <i>Climate Dynamics</i> , 2007, 28, 723-742.	1.7	54

#	ARTICLE	IF	CITATIONS
434	ENSO modulation by mountain uplift. <i>Climate Dynamics</i> , 2007, 28, 781-796.	1.7	18
435	Variability of seasonal-mean fields arising from intraseasonal variability. Part 3: Application to SH winter and summer circulations. <i>Climate Dynamics</i> , 2007, 28, 849-866.	1.7	32
436	African monsoon teleconnections with tropical SSTs: validation and evolution in a set of IPCC4 simulations. <i>Climate Dynamics</i> , 2007, 29, 1-20.	1.7	79
437	Impacts of recent El Niño Modoki on dry/wet conditions in the Pacific rim during boreal summer. <i>Climate Dynamics</i> , 2007, 29, 113-129.	1.7	478
438	Impacts of a change in vegetation description on simulated European summer present-day and future climates. <i>Climate Dynamics</i> , 2007, 29, 319-332.	1.7	32
439	On the robustness of ENSO teleconnections. <i>Climate Dynamics</i> , 2007, 29, 469-485.	1.7	80
440	Climate simulations for 1880–2003 with GISS modelE. <i>Climate Dynamics</i> , 2007, 29, 661-696.	1.7	227
441	Multi-model changes in El Niño teleconnections over North America in a future warmer climate. <i>Climate Dynamics</i> , 2007, 29, 779-790.	1.7	90
442	Modelling mid-Holocene tropical climate and ENSO variability: towards constraining predictions of future change with palaeo-data. <i>Climate Dynamics</i> , 2007, 30, 19-36.	1.7	51
443	Analysis of the projected regional sea-ice changes in the Southern Ocean during the twenty-first century. <i>Climate Dynamics</i> , 2007, 30, 59-76.	1.7	50
444	North Pacific sea ice cover, a predictor for the Western North Pacific typhoon frequency?. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 1251-1257.	0.9	56
445	Impacts of external forcing on the 20th century global warming. <i>Science Bulletin</i> , 2007, 52, 3148-3154.	1.7	21
446	Learning about climate change and implications for near-term policy. <i>Climatic Change</i> , 2008, 89, 67-85.	1.7	49
447	Ecological hindcasting of biogeographic responses to climate change in the European intertidal zone. <i>Hydrobiologia</i> , 2008, 606, 139-151.	1.0	117
448	Warming in the northwestern Indian Ocean associated with the El Niño event. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 246-252.	1.9	16
449	ENSO amplitude change in observation and coupled models. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 361-366.	1.9	68
450	A fast version of LASG/IAP climate system model and its 1000-year control integration. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 655-672.	1.9	39
451	A new global four-dimensional variational ocean data assimilation system and its application. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 680-691.	1.9	1

#	ARTICLE	IF	CITATIONS
452	Decadal and interannual variability of the Indian Ocean Dipole. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 856-866.	1.9	19
453	Relationship between Hadley circulation and sea ice extent in the Bering Sea. <i>Science Bulletin</i> , 2008, 53, 444-449.	1.7	13
454	Decadal variability of the IOD-ENSO relationship. <i>Science Bulletin</i> , 2008, 53, 1745-1752.	4.3	36
455	North Indian Ocean warming and sea level rise in an OGCM. <i>Journal of Earth System Science</i> , 2008, 117, 169-178.	0.6	20
456	Estimating ensemble size requirements of AGCM simulations. <i>Meteorology and Atmospheric Physics</i> , 2008, 100, 23-36.	0.9	11
457	Reduction of future monsoon precipitation over China: comparison between a high resolution RCM simulation and the driving GCM. <i>Meteorology and Atmospheric Physics</i> , 2008, 100, 73-86.	0.9	222
458	Twentieth century ENSO characteristics in the IPCC database. <i>Climate Dynamics</i> , 2008, 30, 277-291.	1.7	64
459	East Asian summer monsoon simulation by a 20-km mesh AGCM. <i>Climate Dynamics</i> , 2008, 31, 389-401.	1.7	80
460	Regional climate change experiments over southern South America. I: present climate. <i>Climate Dynamics</i> , 2008, 30, 533-552.	1.7	82
461	The early 1950s regime shift in temperature in Taiwan and East Asia. <i>Climate Dynamics</i> , 2008, 31, 449-461.	1.7	11
462	The influence of sea surface temperature anomalies on low-frequency variability of the North Atlantic Oscillation. <i>Climate Dynamics</i> , 2008, 30, 621-641.	1.7	7
463	The variation of ENSO characteristics associated with atmospheric parameter perturbations in a coupled model. <i>Climate Dynamics</i> , 2008, 30, 643-656.	1.7	31
464	ENSO at 6ka and 21ka from ocean-atmosphere coupled model simulations. <i>Climate Dynamics</i> , 2008, 30, 745-762.	1.7	120
465	The relative importance of tropical variability forced from the North Pacific through ocean pathways. <i>Climate Dynamics</i> , 2008, 31, 315-331.	1.7	12
466	Convection induced long term freshening of the subpolar North Atlantic Ocean. <i>Climate Dynamics</i> , 2008, 31, 941-956.	1.7	9
467	Exploring multi-model atmospheric GCM ensembles with ANOVA. <i>Climate Dynamics</i> , 2008, 31, 973-986.	1.7	12
468	Current status of ENSO prediction skill in coupled ocean-atmosphere models. <i>Climate Dynamics</i> , 2008, 31, 647-664.	1.7	399
469	Impact of extreme CO2 levels on tropical climate: a CGCM study. <i>Climate Dynamics</i> , 2008, 31, 743-758.	1.7	18

#	ARTICLE	IF	CITATIONS
470	Influence of local and remote sea surface temperatures on precipitation as inferred from changes in boundary-layer moisture convergence and moist thermodynamics over global oceans. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 147-163.	1.0	2
471	Understanding the local and global impacts of model physics changes: an aerosol example. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 1479-1497.	1.0	93
472	Ensemble simulations of the cold European winter of 2005-2006. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 1647-1659.	1.0	80
473	The impact of satellite retrievals in a global sea-surface-temperature analysis. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 1745-1760.	1.0	80
474	Variance decomposition approach to the prediction of the seasonal mean circulation: Comparison with dynamical ensemble prediction using NCEP's CFS. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 1997-2009.	1.0	8
475	Historical trends and future predictions of climate variability in the Brahmaputra basin. International Journal of Climatology, 2008, 28, 243-254.	1.5	191
476	Seasonal forecasting of East Asian summer monsoon based on oceanic heat sources. International Journal of Climatology, 2008, 28, 667-678.	1.5	19
477	The global footprint of persistent extra-tropical drought in the instrumental era. International Journal of Climatology, 2008, 28, 1761-1774.	1.5	50
478	Level and source of predictability of seasonal rainfall anomalies in Malaysia using canonical correlation analysis. International Journal of Climatology, 2008, 28, 1255-1267.	1.5	17
479	The SST-forced predictability of the sub-seasonal mode over East Asia with an atmospheric general circulation model. International Journal of Climatology, 2008, 28, 1599-1606.	1.5	6
480	Improved statistical seasonal forecasts using extended training data. International Journal of Climatology, 2008, 28, 1589-1598.	1.5	20
481	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. International Journal of Climatology, 2008, 28, 1579-1587.	1.5	70
482	Influences of the Indian Ocean dipole on the Asian summer monsoon in the following year. International Journal of Climatology, 2008, 28, 1849-1859.	1.5	141
483	Consistency of modelled and observed temperature trends in the tropical troposphere. International Journal of Climatology, 2008, 28, 1703-1722.	1.5	236
484	Seasonal forecasting of Ethiopian spring rains. Meteorological Applications, 2008, 15, 73-83.	0.9	63
485	Observational analysis of the wind-evaporation-SST feedback over the tropical Pacific Ocean. Atmospheric Science Letters, 2008, 9, 231-236.	0.8	11
486	Deriving a sea surface temperature record suitable for climate change research from the along-track scanning radiometers. Advances in Space Research, 2008, 41, 1-11.	1.2	47
487	Invasion dynamics of the alien ctenophore Mnemiopsis leidyi and its impact on anchovy collapse in the Black Sea. Journal of Plankton Research, 2008, 30, 1385-1397.	0.8	87

#	ARTICLE	IF	CITATIONS
488	Climate of Russia in the 21st century. Part 1. New evidence of anthropogenic climate change and the state of the art of its simulation. <i>Russian Meteorology and Hydrology</i> , 2008, 33, 341-350.	0.2	16
489	Climate of Russia in the 21st Century. Part 2. Verification of atmosphere-ocean general circulation models CMIP3 for projections of future climate changes. <i>Russian Meteorology and Hydrology</i> , 2008, 33, 467-477.	0.2	8
490	High northern latitude surface air temperature: comparison of existing data and creation of a new gridded data set 1900â€“2000. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2008, 60, 289-304.	0.8	33
491	Advancing decadal-scale climate prediction in the North Atlantic sector. <i>Nature</i> , 2008, 453, 84-88.	13.7	633
492	Increasing risk of Amazonian drought due to decreasing aerosol pollution. <i>Nature</i> , 2008, 453, 212-215.	13.7	326
493	Improved estimates of upper-ocean warming and multi-decadal sea-level rise. <i>Nature</i> , 2008, 453, 1090-1093.	13.7	676
494	The increasing intensity of the strongest tropical cyclones. <i>Nature</i> , 2008, 455, 92-95.	13.7	923
495	Increased multidecadal variability of the North Atlantic Oscillation since 1781. <i>Nature Geoscience</i> , 2008, 1, 844-848.	5.4	56
496	North Atlantic climate swings. <i>Nature Geoscience</i> , 2008, 1, 811-812.	5.4	1
497	Declining coral calcification in massive <i>Porites</i> in two nearshore regions of the northern Great Barrier Reef. <i>Global Change Biology</i> , 2008, 14, 529-538.	4.2	222
498	Effects of Black Carbon Aerosols on the Indian Monsoon. <i>Journal of Climate</i> , 2008, 21, 2869-2882.	1.2	406
499	Causes and impacts of the 2005 Amazon drought. <i>Environmental Research Letters</i> , 2008, 3, 014002.	2.2	285
500	Calculating long-term global air-sea flux of carbon dioxide using scatterometer, passive microwave, and model reanalysis wind data. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	11
501	A 170-year Sr/Ca and Ba/Ca coral record from the western Pacific warm pool: 1. What can we learn from an unusual coral record?. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	23
502	An analysis of the atmospheric processes driving the large-scale winter sea ice variability in the Southern Ocean. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	48
503	Resonant excitation of the quasi-decadal oscillation by the 11-year signal in the Sun's irradiance. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	59
504	Ocean temperature forcing by aerosols across the Atlantic tropical cyclone development region. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	51
505	Atlantic Warm Pool acting as a link between Atlantic Multidecadal Oscillation and Atlantic tropical cyclone activity. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	110

#	ARTICLE	IF	CITATIONS
506	Energy budgets of Atlantic hurricanes and changes from 1970. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	14
507	Generation of hyper climate modes. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	59
508	Potential role of the ocean thermostat in determining regional differences in coral reef bleaching events. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	108
509	How the North Atlantic Multidecadal Oscillation may have influenced the Indian summer monsoon during the past two millennia. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	147
510	Interannual mode of sea level in the South China Sea and the roles of El Niño and El Niño Modoki. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	60
511	The Odden ice feature of the Greenland Sea and its association with atmospheric pressure, wind, and surface flux variability from reanalyses. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	11
512	Atlantic forced component of the Indian monsoon interannual variability. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	184
513	Mechanisms for recent warming of the North Atlantic: Insights gained with an eddy-permitting model. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	38
514	Seasonal predictions of ice extent in the Arctic Ocean. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	96
515	A 170-year Sr/Ca and Ba/Ca coral record from the western Pacific warm pool: 2. A window into variability of the New Ireland Coastal Undercurrent. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	12
516	Ocean viscosity and climate. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	92
517	Decadal-scale changes in meridional heat transport across 24°N in the Pacific Ocean. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	10
518	Response of the Denmark Strait overflow to Nordic Seas heat loss. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	6
519	Detecting inhomogeneities in Caribbean and adjacent Caribbean temperature data using sea-surface temperatures. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	20
520	Simulated lower stratospheric trends between 1970 and 2005: Identifying the role of climate and composition changes. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	57
521	Atlantic and Pacific SST influences on Medieval drought in North America simulated by the Community Atmospheric Model. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	80
522	Interannual variability of Greenland winter precipitation sources: 2. Effects of North Atlantic Oscillation variability on stable isotopes in precipitation. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	113
523	Connections between wintertime jet stream variability, oceanic surface heating, and transient eddy activity in the North Pacific. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	49

#	ARTICLE	IF	CITATIONS
524	Goddard Earth Observing System chemistry–climate model simulations of stratospheric ozone–temperature coupling between 1950 and 2005. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	144
525	Relationship of loss, mean age of air and the distribution of CFCs to stratospheric circulation and implications for atmospheric lifetimes. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	61
526	AGCM experiment of the effect of cumulus suppression on convection center formation over the Bay of Bengal. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	2
527	Calibrating climate– ¹⁸ O regression models for the interpretation of high-resolution speleothem ¹⁸ O time series. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	24
528	Influence of oceanic dimethyl sulfide emissions on cloud condensation nuclei concentrations and seasonality over the remote Southern Hemisphere oceans: A global model study. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	162
529	Mid–Holocene ENSO: Issues in quantitative model–proxy data comparisons. <i>Paleoceanography</i> , 2008, 23, .	3.0	36
530	Sea surface temperature and salinity variability at Bermuda during the end of the Little Ice Age. <i>Paleoceanography</i> , 2008, 23, .	3.0	37
531	Highly improved predictive skill in the forecasting of the East Asian summer monsoon. <i>Water Resources Research</i> , 2008, 44, .	1.7	14
532	Arctic Sea Ice Extent Plummets in 2007. <i>Eos</i> , 2008, 89, 13-14.	0.1	409
533	Examining the Tropical Pacific's Response to Global Warming. <i>Eos</i> , 2008, 89, 81-83.	0.1	198
534	Extracting a climate signal from the skeletal geochemistry of the Caribbean coral <i>Siderastrea siderea</i> . <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	36
535	Impact of stratospheric ozone hole recovery on Antarctic climate. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	191
536	Challenges to Marine Ecosystems. , 2008, , .		2
537	On Multidecadal Variability of the Atlantic Meridional Overturning Circulation in the Community Climate System Model Version 3. <i>Journal of Climate</i> , 2008, 21, 5524-5544.	1.2	109
538	Improvements to NOAA's Historical Merged Land–Ocean Surface Temperature Analysis (1880–2006). <i>Journal of Climate</i> , 2008, 21, 2283-2296.	1.2	2,748
539	Patterns of jellyfish abundance in the North Atlantic. , 2008, , 51-65.		4
540	Detection and attribution of Atlantic salinity changes. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	59
541	Large-Scale Atlantic Salinity Changes over the Last Half-Century: A Model–Observation Comparison. <i>Journal of Climate</i> , 2008, 21, 1698-1720.	1.2	18

#	ARTICLE	IF	CITATIONS
542	On Multidecadal and Quasi-Decadal North Atlantic Variability. <i>Journal of Climate</i> , 2008, 21, 3433-3452.	1.2	46
543	Ocean surface warming: The North Atlantic remains within the envelope of previous recorded conditions. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 155-162.	0.6	18
544	Responses of piscivorous seabirds at the Pribilof Islands to ocean climate. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 1856-1867.	0.6	56
545	Different data, different general circulations? A comparison of selected fields in NCEP/DOE AMIP-II and ECMWF ERA-40 reanalyses. <i>Dynamics of Atmospheres and Oceans</i> , 2008, 44, 108-142.	0.7	13
546	A fine resolution regional climate change experiment for the Eastern Mediterranean: Analysis of the present climate simulations. <i>Global and Planetary Change</i> , 2008, 64, 93-104.	1.6	14
547	Equatorial undercurrents associated with Indian Ocean Dipole events during contrasting summer monsoons. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	28
548	Interannual temperature predictions using the CMIP3 multi-model ensemble mean. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	21
549	Attribution of cyclogenesis region sea surface temperature change to anthropogenic influence. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	40
550	Higher tropical SSTs strengthen the tropical upwelling via deep convection. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	56
551	Variation of mean sea surface temperature and modulation of El Niño/Southern Oscillation variance during the past 150 years. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	18
552	Stratospheric winter climate response to ENSO in three chemistry-climate models. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	25
553	North Atlantic weather regimes response to Indian-western Pacific Ocean warming: A multi-model study. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	29
554	Pacific bidecadal climate variability regulated by tidal mixing around the Kuril Islands. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	35
555	Future changes in snowmelt-driven runoff timing over the western US. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	137
556	Oceanic origin of the interannual and interdecadal variability of the summertime western Pacific subtropical high. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	91
557	Shifting climate zones for Australia's tropical marine ecosystems. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	66
558	Non-linear alignment of El Niño to the 11-yr solar cycle. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	65
559	Interdecadal modulation of PDO on the impact of ENSO on the east Asian winter monsoon. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	295

#	ARTICLE	IF	CITATIONS
560	Observed decadal tropical Pacificâ€“North Atlantic teleconnections. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	28
561	What is causing the variability in global mean land temperature?. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	51
562	Differences between observed and a coupled simulation of North Atlantic sea surface currents and temperature. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	7
563	Comparison of bulk sea surface and mixed layer temperatures. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	15
564	Seasonal and interannual variations of upper ocean heat balance off the west coast of Australia. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	64
565	Radiative effect of ozone change on stratosphereâ€“troposphere exchange. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	42
566	Contribution of stratospheric ozone to the interannual variability of tropospheric ozone in the northern extratropics. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	49
567	Relationship between ENSO and northward propagating intraseasonal oscillation in the east Asian summer monsoon system. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
568	Model assessment of the observed relationship between El NiÃ±o and the northern East Asian summer monsoon using the Community Climate System Model Community Atmosphere Modelâ€“Community Land Model version 3 (CAMâ€“CLM3). <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	3
569	Have tropical cyclones been feeding more extreme rainfall?. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	94
570	Exploring the stratospheric/tropospheric response to solar forcing. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	89
571	Comparison of lower stratospheric tropical mean vertical velocities. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	81
572	Antarctic isotopic thermometer during a CO ₂ forced warming event. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	60
573	Integration of a prognostic sea surface skin temperature scheme into weather and climate models. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	31
574	Paleoclimate proxy perspective on Caribbean climate since the year 1751: Evidence of cooler temperatures and multidecadal variability. <i>Paleoceanography</i> , 2008, 23, .	3.0	94
575	Atmospheric Warming and the Amplification of Precipitation Extremes. <i>Science</i> , 2008, 321, 1481-1484.	6.0	1,182
576	Observed sea ice extent in the Russian Arctic, 1933â€“2006. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	59
577	Human influence on Arctic sea ice detectable from early 1990s onwards. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	77

#	ARTICLE	IF	CITATIONS
578	Global warming presents new challenges for maize pest management. <i>Environmental Research Letters</i> , 2008, 3, 044007.	2.2	92
579	ECOLOGICAL GENETICS IN THE NORTH ATLANTIC: ENVIRONMENTAL GRADIENTS AND ADAPTATION AT SPECIFIC LOCI. <i>Ecology</i> , 2008, 89, 591-107.	1.5	124
580	Cluster Analysis of North Atlanticâ€™European Circulation Types and Links with Tropical Pacific Sea Surface Temperatures. <i>Journal of Climate</i> , 2008, 21, 3687-3703.	1.2	94
581	Would Advance Knowledge of 1930s SSTs Have Allowed Prediction of the Dust Bowl Drought?*. <i>Journal of Climate</i> , 2008, 21, 3261-3281.	1.2	94
582	Influence of Indian Ocean Dipole on Poleward Propagation of Boreal Summer Intraseasonal Oscillations. <i>Journal of Climate</i> , 2008, 21, 5437-5454.	1.2	63
583	The Equatorial Pacific Cold Tongue Bias in a Coupled Climate Model. <i>Journal of Climate</i> , 2008, 21, 5852-5869.	1.2	28
584	Anomalous Rainfall over Southwest Western Australia Forced by Indian Ocean Sea Surface Temperatures. <i>Journal of Climate</i> , 2008, 21, 5113-5134.	1.2	88
585	Robustness of Future Changes in Local Precipitation Extremes. <i>Journal of Climate</i> , 2008, 21, 4280-4297.	1.2	123
586	Recent Changes in Surface Humidity: Development of the HadCRUH Dataset. <i>Journal of Climate</i> , 2008, 21, 5364-5383.	1.2	213
587	A Monthly Upper-Air Dataset for North America Back to 1922 from the Monthly Weather Review. <i>Monthly Weather Review</i> , 2008, 136, 1792-1805.	0.5	32
588	Climate Response to Anomalously Large and Small Atlantic Warm Pools during the Summer. <i>Journal of Climate</i> , 2008, 21, 2437-2450.	1.2	153
589	The Impact of Convection on ENSO: From a Delayed Oscillator to a Series of Events. <i>Journal of Climate</i> , 2008, 21, 5904-5924.	1.2	532
590	Evaluation of a CCSM3 Simulation with a Finite Volume Dynamical Core for the Atmosphere at 1Â° Latitude Ã— 1.25Â° Longitude Resolution. <i>Journal of Climate</i> , 2008, 21, 1467-1486.	1.2	15
591	Climatic Influences on Midwest Drought during the Twentieth Century. <i>Journal of Climate</i> , 2008, 21, 517-531.	1.2	13
592	Reproducibility of South American Precipitation due to Subtropical South Atlantic SSTs. <i>Journal of Climate</i> , 2008, 21, 2835-2851.	1.2	11
593	The North Pacific Oscillationâ€™West Pacific Teleconnection Pattern: Mature-Phase Structure and Winter Impacts. <i>Journal of Climate</i> , 2008, 21, 1979-1997.	1.2	375
594	Decadal Sea Level Variability in the South Pacific in a Global Eddy-Resolving Ocean Model Hindcast. <i>Journal of Physical Oceanography</i> , 2008, 38, 1731-1747.	0.7	55
595	Understanding the Changes of Stratospheric Water Vapor in Coupled Chemistryâ€™Climate Model Simulations. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 3278-3291.	0.6	51

#	ARTICLE	IF	CITATIONS
596	Gulf Stream and ENSO Increase the Temperature Sensitivity of Atlantic Tropical Cyclones. <i>Journal of Climate</i> , 2008, 21, 1523-1531.	1.2	5
597	A New Sea Surface Temperature and Sea Ice Boundary Dataset for the Community Atmosphere Model. <i>Journal of Climate</i> , 2008, 21, 5145-5153.	1.2	825
598	The Influence of Cloud and Surface Properties on the Arctic Ocean Shortwave Radiation Budget in Coupled Models*. <i>Journal of Climate</i> , 2008, 21, 866-882.	1.2	45
599	The Spatiotemporal Structure of Twentieth-Century Climate Variations in Observations and Reanalyses. Part I: Long-Term Trend. <i>Journal of Climate</i> , 2008, 21, 2611-2633.	1.2	62
600	Biogeochemical controls on palaeoceanographic environmental proxies: a review. <i>Geological Society Special Publication</i> , 2008, 303, 3-32.	0.8	0
601	European Climate Extremes and the North Atlantic Oscillation. <i>Journal of Climate</i> , 2008, 21, 72-83.	1.2	243
602	Changes in the European Precipitation Climatologies as Derived by an Ensemble of Regional Models. <i>Journal of Climate</i> , 2008, 21, 2540-2557.	1.2	17
603	Timing of El Niño-Related Warming and Indian Summer Monsoon Rainfall. <i>Journal of Climate</i> , 2008, 21, 2711-2719.	1.2	15
604	Links between Tropical Pacific SST and Cholera Incidence in Bangladesh: Role of the Eastern and Central Tropical Pacific. <i>Journal of Climate</i> , 2008, 21, 4647-4663.	1.2	36
605	A Modified Dynamic Framework for the Atmospheric Spectral Model and Its Application. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 2235-2253.	0.6	70
606	Assessing Bias and Uncertainty in the HadAT-Adjusted Radiosonde Climate Record. <i>Journal of Climate</i> , 2008, 21, 817-832.	1.2	54
607	Variability of the Oceanic Mixed Layer, 1960-2004. <i>Journal of Climate</i> , 2008, 21, 1029-1047.	1.2	83
608	Sensitivity of the Present-Day Climate to Freshwater Forcing Associated with Antarctic Sea Ice Loss. <i>Journal of Climate</i> , 2008, 21, 3936-3946.	1.2	23
609	Variation of the North American Summer Monsoon Regimes and the Atlantic Multidecadal Oscillation. <i>Journal of Climate</i> , 2008, 21, 2371-2383.	1.2	53
610	The Annual Peak in the SST Anomaly Spectrum. <i>Journal of Climate</i> , 2008, 21, 2810-2823.	1.2	9
611	Pacific Sea Surface Temperatures in the Twentieth Century: An Evolution-Centric Analysis of Variability and Trend. <i>Journal of Climate</i> , 2008, 21, 2790-2809.	1.2	58
612	Changes in Tropical Cyclone Activity due to Global Warming: Results from a High-Resolution Coupled General Circulation Model. <i>Journal of Climate</i> , 2008, 21, 5204-5228.	1.2	173
613	Determination of AATSR Biases Using the OSTIA SST Analysis System and a Matchup Database. <i>Journal of Atmospheric and Oceanic Technology</i> , 2008, 25, 1208-1217.	0.5	22

#	ARTICLE	IF	CITATIONS
614	Mediterranean water cycle changes: transition to drier 21st century conditions in observations and CMIP3 simulations. <i>Environmental Research Letters</i> , 2008, 3, 044001.	2.2	203
615	An objective tropical Atlantic sea surface temperature gradient index for studies of south Amazon dry-season climate variability and change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1761-1766.	1.8	48
616	Sea Surface Temperature Variability. , 2007, , 255-275.		18
617	Interannual Variability and Trends of Extratropical Ozone. Part I: Northern Hemisphere. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 3013-3029.	0.6	20
618	Three-Way Error Analysis between AATSR, AMSR-E, and In Situ Sea Surface Temperature Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2008, 25, 1197-1207.	0.5	174
619	Sea ice concentration and motion assimilation in a sea ice-ocean model. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	61
620	Stochastic theories for the irregularity of ENSO. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 2509-2524.	1.6	40
621	Convectively Coupled Kelvin Waves over Tropical Africa during the Boreal Summer: Structure and Variability. <i>Journal of Climate</i> , 2008, 21, 6649-6667.	1.2	62
622	Two Regimes of the Equatorial Warm Pool. Part II: Hybrid Coupled GCM Experiments. <i>Journal of Climate</i> , 2008, 21, 3545-3560.	1.2	6
623	Interannual-to-decadal variability of the stratosphere during the 20th century: ensemble simulations with a chemistry-climate model. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 7755-7777.	1.9	25
624	Tropical cyclones and climate change: revisiting recent studies at GFDL. , 2008, , 120-144.		16
625	On Estimates of Historical North Atlantic Tropical Cyclone Activity*. <i>Journal of Climate</i> , 2008, 21, 3580-3600.	1.2	233
626	Anatomizing the Ocean's Role in ENSO Changes under Global Warming*. <i>Journal of Climate</i> , 2008, 21, 6539-6555.	1.2	21
627	Coupled Air, Sea, and Land Interactions of the South American Monsoon. <i>Journal of Climate</i> , 2008, 21, 6389-6403.	1.2	30
628	Tropical Pacific Forcing of North American Medieval Megadroughts: Testing the Concept with an Atmosphere Model Forced by Coral-Reconstructed SSTs*. <i>Journal of Climate</i> , 2008, 21, 6175-6190.	1.2	77
629	Long-term variations and trends in the simulation of the middle atmosphere 1980-2004 by the chemistry-climate model of the Meteorological Research Institute. <i>Annales Geophysicae</i> , 2008, 26, 1299-1326.	0.6	56
630	Diurnal March of Rainfall Simulated in a T106 AGCM and Dependence on Cumulus Schemes. <i>Journal of the Meteorological Society of Japan</i> , 2008, 86A, 163-173.	0.7	16
631	Indian Ocean Dipole Modulates the Number of Extreme Rainfall Events over India in a Warming Environment. <i>Journal of the Meteorological Society of Japan</i> , 2008, 86, 245-252.	0.7	99

#	ARTICLE	IF	CITATIONS
632	Threshold Decline in Mesoamerican Coral Growth and Resiliency. <i>Nature Precedings</i> , 2008, , .	0.1	1
633	The Impact of Cumulus Suppression on the Baiu Front Simulated by an AGCM. <i>Journal of the Meteorological Society of Japan</i> , 2008, 86, 119-140.	0.7	4
634	On the quality of climate proxies derived from newspaper reports – a case study. <i>Climate of the Past</i> , 2008, 4, 11-18.	1.3	12
635	The Future of Oil and Gas Fossil Fuels. , 2008, , 1-24.		3
636	A Reduction in Global Tropical Cyclone Frequency due to Global Warming. <i>Scientific Online Letters on the Atmosphere</i> , 2009, 5, 164-167.	0.6	105
637	Impact of Resolution on the Tropical Pacific Circulation in a Matrix of Coupled Models. <i>Journal of Climate</i> , 2009, 22, 2541-2556.	1.2	82
638	Spatial distribution of the iron supply to phytoplankton in the Southern Ocean: a model study. <i>Biogeosciences</i> , 2009, 6, 2861-2878.	1.3	111
639	Two-dimensional reconstruction of past sea level (1950–2003) from tide gauge data and an Ocean General Circulation Model. <i>Climate of the Past</i> , 2009, 5, 217-227.	1.3	44
640	Frequency- or amplitude-dependent effects of the Atlantic meridional overturning on the tropical Pacific Ocean. <i>Ocean Science</i> , 2009, 5, 293-301.	1.3	128
641	ENSO's non-stationary and non-Gaussian character: the role of climate shifts. <i>Nonlinear Processes in Geophysics</i> , 2009, 16, 453-473.	0.6	23
642	Critically Reassessing Tropospheric Temperature Trends from Radiosondes Using Realistic Validation Experiments. <i>Journal of Climate</i> , 2009, 22, 465-485.	1.2	61
643	On the Remote Drivers of Rainfall Variability in Australia. <i>Monthly Weather Review</i> , 2009, 137, 3233-3253.	0.5	644
644	Why the Western Pacific Subtropical High Has Extended Westward since the Late 1970s. <i>Journal of Climate</i> , 2009, 22, 2199-2215.	1.2	456
645	Attribution of the Seasonality and Regionality in Climate Trends over the United States during 1950–2000. <i>Journal of Climate</i> , 2009, 22, 2571-2590.	1.2	96
646	Bayesian PCA for reconstruction of historical sea surface temperatures. , 2009, , .		8
647	A U.S. CLIVAR Project to Assess and Compare the Responses of Global Climate Models to Drought-Related SST Forcing Patterns: Overview and Results. <i>Journal of Climate</i> , 2009, 22, 5251-5272.	1.2	282
648	Extension of PIRATA in the tropical South-East Atlantic: an initial one-year experiment. <i>African Journal of Marine Science</i> , 2009, 31, 63-71.	0.4	30
649	The future of ice sheets and sea ice: Between reversible retreat and unstoppable loss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20590-20595.	3.3	130

#	ARTICLE	IF	CITATIONS
650	The impact of geoengineering aerosols on stratospheric temperature and ozone. <i>Environmental Research Letters</i> , 2009, 4, 045108.	2.2	199
651	Comparison of in situ time-series of temperature with gridded sea surface temperature datasets in the North Atlantic. <i>ICES Journal of Marine Science</i> , 2009, 66, 1467-1479.	1.2	21
652	THE MULTI-DIMENSIONAL ENSEMBLE EMPIRICAL MODE DECOMPOSITION METHOD. <i>Advances in Adaptive Data Analysis</i> , 2009, 01, 339-372.	0.6	331
653	Occurrences of Wintertime Tropical Cyclones in the Western North Pacific under the Background of Global Warming. <i>Atmospheric and Oceanic Science Letters</i> , 2009, 2, 333-338.	0.5	0
654	Tropical Pacific Climate and Its Response to Global Warming in the Kiel Climate Model. <i>Journal of Climate</i> , 2009, 22, 71-92.	1.2	161
655	Atmosphere Feedbacks during ENSO in a Coupled GCM with a Modified Atmospheric Convection Scheme. <i>Journal of Climate</i> , 2009, 22, 5698-5718.	1.2	109
656	Observed Strengthening of the Zonal Sea Surface Temperature Gradient across the Equatorial Pacific Ocean*. <i>Journal of Climate</i> , 2009, 22, 4316-4321.	1.2	141
657	Regional and Global Impacts of Land Cover Change and Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2009, 22, 3248-3269.	1.2	64
658	Seasonal-to-Interannual Variability of Ethiopia/Horn of Africa Monsoon. Part I: Associations of Wavelet-Filtered Large-Scale Atmospheric Circulation and Global Sea Surface Temperature. <i>Journal of Climate</i> , 2009, 22, 3396-3421.	1.2	92
659	Polar Climate Instability and Climate Teleconnections from the Arctic to the Midlatitudes and Tropics. <i>Journal of Climate</i> , 2009, 22, 3513-3539.	1.2	3
660	Initializing Decadal Climate Predictions with the GECCO Oceanic Synthesis: Effects on the North Atlantic. <i>Journal of Climate</i> , 2009, 22, 3926-3938.	1.2	248
661	How Much Do Tropical Cyclones Affect Seasonal and Interannual Rainfall Variability over the Western North Pacific?. <i>Journal of Climate</i> , 2009, 22, 5495-5510.	1.2	100
662	Contrast of Rainfall-SST Relationships in the Western North Pacific between the ENSO-Developing and ENSO-Decaying Summers*. <i>Journal of Climate</i> , 2009, 22, 4398-4405.	1.2	115
663	A Verified Estimation of the El Niño Index Niño-3.4 since 1877. <i>Journal of Climate</i> , 2009, 22, 3979-3992.	1.2	76
664	Climate Impacts of the Southern Annular Mode Simulated by the CMIP3 Models. <i>Journal of Climate</i> , 2009, 22, 3751-3768.	1.2	32
665	Warm Season Variations in the Low-Level Circulation and Precipitation over the Central United States in Observations, AMIP Simulations, and Idealized SST Experiments. <i>Journal of Climate</i> , 2009, 22, 5401-5420.	1.2	74
666	Dynamical Forecast of Interannual El Niño Variations of Tropical SST and Australian Spring Rainfall. <i>Monthly Weather Review</i> , 2009, 137, 3796-3810.	0.5	59
667	Influence of ENSO on the West African Monsoon: Temporal Aspects and Atmospheric Processes. <i>Journal of Climate</i> , 2009, 22, 3193-3210.	1.2	98

#	ARTICLE	IF	CITATIONS
668	El Niño Modoki Impacts on Australian Rainfall. <i>Journal of Climate</i> , 2009, 22, 3167-3174.	1.2	207
669	Seasonally Evolving Dominant Interannual Variability Modes of East Asian Climate*. <i>Journal of Climate</i> , 2009, 22, 2992-3005.	1.2	369
670	Local Mixing Events in the Upper Troposphere and Lower Stratosphere. Part II: Seasonal and Interannual Variability. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 3695-3706.	0.6	25
671	Enhanced Seasonal Prediction of European Winter Warming following Volcanic Eruptions. <i>Journal of Climate</i> , 2009, 22, 6168-6180.	1.2	60
672	Global long-term monitoring of the ozone layer – a prerequisite for predictions. <i>International Journal of Remote Sensing</i> , 2009, 30, 4295-4318.	1.3	55
673	Assessing the Performance of the Dissipation Parameterizations in WAVEWATCH III Using Collocated Altimetry Data. <i>Journal of Physical Oceanography</i> , 2009, 39, 2800-2819.	0.7	22
674	Reconstructing the Past Wind Stresses over the Tropical Pacific Ocean from 1875 to 1947. <i>Journal of Applied Meteorology and Climatology</i> , 2009, 48, 1181-1198.	0.6	4
675	An Evaluation of ENSO Asymmetry in the Community Climate System Models: A View from the Subsurface. <i>Journal of Climate</i> , 2009, 22, 5933-5961.	1.2	31
676	Diurnally Asymmetric Trends of Temperature, Humidity, and Precipitation in Taiwan. <i>Journal of Climate</i> , 2009, 22, 5635-5649.	1.2	74
677	Modulation of Australian Precipitation by Meridional Gradients in East Indian Ocean Sea Surface Temperature. <i>Journal of Climate</i> , 2009, 22, 5597-5610.	1.2	56
678	A Lagged Warm Event–Like Response to Peaks in Solar Forcing in the Pacific Region. <i>Journal of Climate</i> , 2009, 22, 3647-3660.	1.2	69
679	Drought in the Southeastern United States: Causes, Variability over the Last Millennium, and the Potential for Future Hydroclimate Change*. <i>Journal of Climate</i> , 2009, 22, 5021-5045.	1.2	283
680	Analysis of Atlantic SST Variability Factoring Interbasin Links and the Secular Trend: Clarified Structure of the Atlantic Multidecadal Oscillation. <i>Journal of Climate</i> , 2009, 22, 4228-4240.	1.2	76
681	The Amplification of the ENSO Forcing over Equatorial Amazon. <i>Journal of Hydrometeorology</i> , 2009, 10, 1561-1568.	0.7	8
682	The influence of low-frequency variability and long-term trends in North Atlantic sea surface temperature on Irish waters. <i>ICES Journal of Marine Science</i> , 2009, 66, 1480-1489.	1.2	41
683	Implications of Both Statistical Equilibrium and Global Warming Simulations with CCSM3. Part II: On the Multidecadal Variability in the North Atlantic Basin. <i>Journal of Climate</i> , 2009, 22, 5298-5318.	1.2	10
684	Impact of Freshwater Release in the North Atlantic under Different Climate Conditions in an OAGCM. <i>Journal of Climate</i> , 2009, 22, 6377-6403.	1.2	94
685	Interannual Variations of East Asian Trough Axis at 500 hPa and its Association with the East Asian Winter Monsoon Pathway. <i>Journal of Climate</i> , 2009, 22, 600-614.	1.2	191

#	ARTICLE	IF	CITATIONS
686	Predicting 21st-century polar bear habitat distribution from global climate models. <i>Ecological Monographs</i> , 2009, 79, 25-58.	2.4	299
687	Significant Influence of the Boreal Summer Monsoon Flow on the Indian Ocean Response during Dipole Events. <i>Journal of Climate</i> , 2009, 22, 5611-5634.	1.2	48
688	Rainfall Teleconnections with Indo-Pacific Variability in the WCRP CMIP3 Models. <i>Journal of Climate</i> , 2009, 22, 5046-5071.	1.2	59
689	Corals escape bleaching in regions that recently and historically experienced frequent thermal stress. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2893-2901.	1.2	167
690	The Role of Aerosols in the Evolution of Tropical North Atlantic Ocean Temperature Anomalies. <i>Science</i> , 2009, 324, 778-781.	6.0	170
691	Rapid warming of Large Marine Ecosystems. <i>Progress in Oceanography</i> , 2009, 81, 207-213.	1.5	735
692	The Western English Channel observatory: Optical characteristics of station L4. <i>Journal of Marine Systems</i> , 2009, 77, 278-295.	0.9	34
693	Hydrologic response of the Greenland ice sheet: the role of oceanographic warming. <i>Hydrological Processes</i> , 2009, 23, 7-30.	1.1	110
694	Evaluation of reanalysis rainfall estimates over Ethiopia. <i>International Journal of Climatology</i> , 2009, 29, 67-78.	1.5	75
695	The coastal winds off western subtropical South America in future climate scenarios. <i>International Journal of Climatology</i> , 2009, 29, 543-554.	1.5	118
696	Interannual variations in the opening date of the Prudhoe Bay shipping season: links to atmospheric and surface conditions. <i>International Journal of Climatology</i> , 2009, 29, 197-203.	1.5	4
697	Large-scale atmospheric circulation and global sea surface temperature associations with Horn of Africa June–September rainfall. <i>International Journal of Climatology</i> , 2009, 29, 1075-1100.	1.5	131
698	Fluctuations in autumn–winter severe storms over the British Isles: 1920 to present. <i>International Journal of Climatology</i> , 2009, 29, 357-371.	1.5	65
699	Forecasting the vegetation photosynthetic activity over the Sahel: a Model Output Statistics approach. <i>International Journal of Climatology</i> , 2009, 29, 1463-1477.	1.5	11
700	Frequency of extreme rainfall events in Southern Brazil modulated by interannual and interdecadal variability. <i>International Journal of Climatology</i> , 2009, 29, 1988-2011.	1.5	17
701	Assessments of moisture fluxes east of the Andes in South America in a global warming scenario. <i>International Journal of Climatology</i> , 2009, 29, 1395-1414.	1.5	52
702	Trend patterns in global sea surface temperature. <i>International Journal of Climatology</i> , 2009, 29, 2049-2055.	1.5	27
703	Secular and multidecadal warmings in the North Atlantic and their relationships with major hurricane activity. <i>International Journal of Climatology</i> , 2010, 30, 174-184.	1.5	35

#	ARTICLE	IF	CITATIONS
704	Improved simulation of Australian climate and ENSO-related rainfall variability in a global climate model with an interactive aerosol treatment. <i>International Journal of Climatology</i> , 2010, 30, 1067-1088.	1.5	123
705	Comparative analysis of the long-term variability of winter surface temperature in the Black and Aegean Seas during 1982-2004 associated with the large-scale atmospheric forcing. <i>International Journal of Climatology</i> , 2010, 30, 1349-1359.	1.5	19
706	An analysis of cloud observations from Vernadsky, Antarctica. <i>International Journal of Climatology</i> , 2010, 30, 1431-1439.	1.5	3
707	Using the Regional Ocean Modeling System (ROMS) to improve the ocean circulation from a GCM 20th century simulation. <i>Ocean Dynamics</i> , 2009, 59, 969-981.	0.9	36
708	A model study on oceanic processes during the Indian Ocean Dipole termination. <i>Meteorology and Atmospheric Physics</i> , 2009, 105, 17-27.	0.9	10
709	Three monthly coral Sr/Ca records from the Chagos Archipelago covering the period of 1950-1995 A.D.: reproducibility and implications for quantitative reconstructions of sea surface temperature variations. <i>International Journal of Earth Sciences</i> , 2009, 98, 53-66.	0.9	63
710	Moisture transport between the South Atlantic Ocean and southern Africa: relationships with summer rainfall and associated dynamics. <i>Climate Dynamics</i> , 2009, 32, 113-123.	1.7	82
711	Evaluation of tropical cloud regimes in observations and a general circulation model. <i>Climate Dynamics</i> , 2009, 32, 355-369.	1.7	66
712	Anomalous winter climate conditions in the Pacific rim during recent El Niño Modoki and El Niño events. <i>Climate Dynamics</i> , 2009, 32, 663-674.	1.7	311
713	The retrospective prediction of El Niño-southern oscillation from 1881 to 2000 by a hybrid coupled model: (I) Sea surface temperature assimilation with ensemble Kalman filter. <i>Climate Dynamics</i> , 2009, 32, 397-413.	1.7	10
714	Characteristics of tropical Pacific SST predictability in coupled GCM forecasts using the NCEP CFS. <i>Climate Dynamics</i> , 2009, 32, 675-691.	1.7	31
715	Recurrent daily OLR patterns in the Southern Africa/Southwest Indian Ocean region, implications for South African rainfall and teleconnections. <i>Climate Dynamics</i> , 2009, 32, 575-591.	1.7	122
716	The global climatology of an interannually varying air-sea flux data set. <i>Climate Dynamics</i> , 2009, 33, 341-364.	1.7	1,308
717	Oceanic influences on recent continental warming. <i>Climate Dynamics</i> , 2009, 32, 333-342.	1.7	100
718	The CLIVAR C20C project: selected twentieth century climate events. <i>Climate Dynamics</i> , 2009, 33, 603-614.	1.7	105
719	The CLIVAR C20C project: skill of simulating Indian monsoon rainfall on interannual to decadal timescales. Does GHG forcing play a role?. <i>Climate Dynamics</i> , 2009, 33, 615-627.	1.7	50
720	Impact of a projected future Arctic Sea Ice reduction on extratropical storminess and the NAO. <i>Climate Dynamics</i> , 2009, 33, 937-943.	1.7	120
721	Understanding uncertainty in future projections for the tropical Atlantic: relationships with the unforced climate. <i>Climate Dynamics</i> , 2009, 32, 205-218.	1.7	16

#	ARTICLE	IF	CITATIONS
722	Respective influences of IOD and ENSO on the Tibetan snow cover in early winter. <i>Climate Dynamics</i> , 2009, 33, 509-520.	1.7	57
723	Consistent past half-century trends in the atmosphere, the sea ice and the ocean at high southern latitudes. <i>Climate Dynamics</i> , 2009, 33, 999-1016.	1.7	83
724	The CLIVAR C20C project: which components of the Asian–Australian monsoon circulation variations are forced and reproducible?. <i>Climate Dynamics</i> , 2009, 33, 1051-1068.	1.7	107
725	Is the Indian Ocean SST variability a homogeneous diffusion process?. <i>Climate Dynamics</i> , 2009, 33, 535-547.	1.7	20
726	Observed freshening and warming of the western Pacific Warm Pool. <i>Climate Dynamics</i> , 2009, 33, 565-589.	1.7	221
727	The influence of tropical sea surface temperatures and precipitation on north Pacific atmospheric blocking. <i>Climate Dynamics</i> , 2009, 33, 549-563.	1.7	21
728	Multiple temporal scale variability during the twentieth century in global carbon dynamics simulated by a coupled climate–terrestrial carbon cycle model. <i>Climate Dynamics</i> , 2009, 32, 901-923.	1.7	12
729	The dynamics of the Indian Ocean sea surface temperature forcing of Sahel drought. <i>Climate Dynamics</i> , 2009, 33, 445-460.	1.7	71
730	Patterns of jellyfish abundance in the North Atlantic. <i>Hydrobiologia</i> , 2009, 616, 51-65.	1.0	56
731	21st century climate change in the Middle East. <i>Climatic Change</i> , 2009, 92, 417-432.	1.7	266
732	The 1877–1878 El Niño episode: associated impacts in South America. <i>Climatic Change</i> , 2009, 92, 389-416.	1.7	101
733	Reconstruction of the western Pacific warm pool SST since 1644 AD and its relation to precipitation over East China. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1436-1446.	0.9	9
734	Decline in skeletal growth of the coral <i>Porites lutea</i> from the Andaman Sea, South Thailand between 1984 and 2005. <i>Coral Reefs</i> , 2009, 28, 519-528.	0.9	116
735	Climate change and coral reef connectivity. <i>Coral Reefs</i> , 2009, 28, 379-395.	0.9	242
736	Large temperature plunges recorded by data loggers at different depths on an Indian Ocean atoll: comparison with satellite data and relevance to coral refuges. <i>Coral Reefs</i> , 2009, 28, 399-403.	0.9	52
737	Growth of Pleistocene massive corals in south Florida: low skeletal extension-rates and possible ENSO, decadal, and multi-decadal cyclicities. <i>Coral Reefs</i> , 2009, 28, 823-830.	0.9	16
738	Linkage between mei-yu precipitation and North Atlantic SST on the decadal timescale. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 101-108.	1.9	67
739	Summertime atmospheric teleconnection pattern associated with a warming over the eastern Tibetan Plateau. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 413-422.	1.9	2

#	ARTICLE	IF	CITATIONS
740	Harmonious inter-decadal changes of July–August upper tropospheric temperature across the North Atlantic, Eurasian continent, and North Pacific. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 656-665.	1.9	27
741	How plants can influence tropospheric chemistry: the role of isoprene emissions from the biosphere. <i>Weather</i> , 2009, 64, 332-336.	0.6	28
742	Global and regional climate in 2008. <i>Weather</i> , 2009, 64, 288-297.	0.6	3
743	A Gill–Matsuno-type mechanism explains the tropical Atlantic influence on African and Indian monsoon rainfall. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 569-579.	1.0	203
744	Potentially predictable patterns of extratropical tropospheric circulation in an ensemble of climate simulations with the COLA AGCM. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 1816-1829.	1.0	8
745	Observed relationships between El Niño–Southern Oscillation, rainfall variability and vegetation and fire history on Halmahera, Maluku, Indonesia. <i>Global Change Biology</i> , 2010, 16, 1705-1714.	4.2	18
746	Warming of the Antarctic ice-sheet surface since the 1957 International Geophysical Year. <i>Nature</i> , 2009, 457, 459-462.	13.7	620
747	Atlantic hurricanes and climate over the past 1,500 years. <i>Nature</i> , 2009, 460, 880-883.	13.7	223
748	Evidence for warmer interglacials in East Antarctic ice cores. <i>Nature</i> , 2009, 462, 342-345.	13.7	136
749	The role of the stratosphere in the European climate response to El Niño. <i>Nature Geoscience</i> , 2009, 2, 32-36.	5.4	411
750	The impact of volcanic forcing on tropical temperatures during the past four centuries. <i>Nature Geoscience</i> , 2009, 2, 51-56.	5.4	99
751	Climate response to regional radiative forcing during the twentieth century. <i>Nature Geoscience</i> , 2009, 2, 294-300.	5.4	584
752	Changes in the climate and sea ice of the Northern Hemisphere in the 20th and 21st centuries from data of observations and modeling. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2009, 45, 675-686.	0.2	24
753	Analysis of the cause and effect relationships between El Niño in the Pacific and its analog in the equatorial Atlantic. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2009, 45, 704-713.	0.2	16
754	Warming and salinification of Labrador Sea Water and deep waters in the subpolar North Atlantic at 60°N in 1997–2006. <i>Oceanology</i> , 2009, 49, 193-204.	0.3	10
755	Exploiting an ensemble of regional climate models to provide robust estimates of projected changes in monthly temperature and precipitation probability distribution functions. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2009, 61, 57-71.	0.8	10
756	Climatic trends in the middle and high latitudes of the Northern Hemisphere. <i>Water Resources</i> , 2009, 36, 718-730.	0.3	12
757	On climate changes in polar zones of the Earth in the twentieth and twenty-first centuries. <i>Doklady Earth Sciences</i> , 2009, 427, 988-992.	0.2	7

#	ARTICLE	IF	CITATIONS
758	Understanding Landâ€™Sea Warming Contrast in Response to Increasing Greenhouse Gases. Part I: Transient Adjustment. <i>Journal of Climate</i> , 2009, 22, 3079-3097.	1.2	132
759	Loss of Arctic sea ice causing punctuated change in sightings of killer whales (<i>Orcinus orca</i>) over the past century. <i>Ecological Applications</i> , 2009, 19, 1365-1375.	1.8	147
760	El Niño/Southern Oscillation response to global warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20578-20583.	3.3	205
761	Present warming within the context of coolingâ€™warming cycles observed since 1854 in the Bay of Biscay. <i>Continental Shelf Research</i> , 2009, 29, 1053-1059.	0.9	48
762	Temperature variability in the Bay of Biscay during the past 40 years, from an in situ analysis and a 3D global simulation. <i>Continental Shelf Research</i> , 2009, 29, 1070-1087.	0.9	36
763	Climatology of surface and near-bed temperature and salinity on the north-west European continental shelf for 1971â€™2000. <i>Continental Shelf Research</i> , 2009, 29, 2286-2292.	0.9	40
764	Formation of spring warm water southwest of the Philippine Islands: Winter monsoon wake effects. <i>Dynamics of Atmospheres and Oceans</i> , 2009, 47, 154-164.	0.7	2
765	Impacts of the South China Sea Throughflow on seasonal and interannual variations of the Indonesian Throughflow. <i>Dynamics of Atmospheres and Oceans</i> , 2009, 47, 73-85.	0.7	87
766	Comparison of mid-Pliocene climate predictions produced by the HadAM3 and GCMAM3 General Circulation Models. <i>Global and Planetary Change</i> , 2009, 66, 208-224.	1.6	83
767	Role of Arctic sea ice in global atmospheric circulation: A review. <i>Global and Planetary Change</i> , 2009, 68, 149-163.	1.6	223
768	Coordinated Ocean-ice Reference Experiments (COREs). <i>Ocean Modelling</i> , 2009, 26, 1-46.	1.0	573
769	Atlantic hurricanesâ€™Testing impacts of local SSTs, ENSO, stratospheric QBOâ€™Implications for global warming. <i>Quaternary International</i> , 2009, 195, 4-14.	0.7	15
770	Evidence of centennial-scale drought from southeastern Massachusetts during the Pleistocene/Holocene transition. <i>Quaternary Science Reviews</i> , 2009, 28, 1675-1692.	1.4	30
771	Late Holocene (0â€™2.4 ka BP) surface water temperature and salinity variability, Feni Drift, NE Atlantic Ocean. <i>Quaternary Science Reviews</i> , 2009, 28, 1941-1955.	1.4	38
772	Profiles of trace elements and stable isotopes derived from giant long-lived <i>Tridacna gigas</i> bivalves: Potential applications in paleoclimate studies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 132-142.	1.0	127
773	Remotely modulated tropical-North Pacific oceanâ€™atmosphere interactions by the South Asian high. <i>Atmospheric Research</i> , 2009, 94, 45-60.	1.8	70
774	Contrasting Eastern-Pacific and Central-Pacific Types of ENSO. <i>Journal of Climate</i> , 2009, 22, 615-632.	1.2	1,331
775	Estimating Oceanic Heat Content Change Using Isotherms. <i>Journal of Climate</i> , 2009, 22, 4953-4969.	1.2	45

#	ARTICLE	IF	CITATIONS
776	The Summer North Atlantic Oscillation: Past, Present, and Future. <i>Journal of Climate</i> , 2009, 22, 1082-1103.	1.2	578
777	Influence of low Arctic sea-ice minima on anomalously cold Eurasian winters. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	573
778	Intrinsic and extrinsic forcing in life histories: patterns of growth and stable isotopes in male Antarctic fur seal teeth. <i>Marine Ecology - Progress Series</i> , 2009, 388, 263-272.	0.9	45
779	A CCM simulation of the breakup of the Antarctic polar vortex in the years 1980â€“2004 under the CCMVal scenarios. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	69
780	A new method for attributing climate variations over the Atlantic Hurricane Basin's main development region. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	14
781	Recent unprecedented skewness towards positive Indian Ocean Dipole occurrences and its impact on Australian rainfall. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	159
782	Recent changes in freezing level heights in the Tropics with implications for the deglaciation of high mountain regions. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	137
783	La Niña Modoki impacts Australia autumn rainfall variability. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	154
784	Decadal variability of twentieth-century El Niño and La Niña occurrence from observations and IPCC AR4 coupled models. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	58
785	How rare are the 2006â€“2008 positive Indian Ocean Dipole events? An IPCC AR4 climate model perspective. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	15
786	Warming in the Agulhas Current system since the 1980's. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	159
787	Evidence for tropical SST influence on Antarctic polar atmospheric dynamics. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	6
788	Effect of anomalous warming in the central Pacific on the Australian monsoon. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	60
789	Spatial and temporal features of ENSO meridional scales. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	40
790	Interdecadal unstationary relationship between NAO and east China's summer precipitation patterns. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	73
791	ENSO Modoki impact on the Southern Hemisphere storm track activity during extended austral winter. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	79
792	Atypical influence of the 2007 La Niña on rainfall and temperature in southeastern Australia. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	17
793	Reduction of spring warming over East Asia associated with vegetation feedback. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	57

#	ARTICLE	IF	CITATIONS
794	Coherent multidecadal variability in North Atlantic sea level. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	62
795	Distinct causes for two principal U.S. droughts of the 20th century. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	68
796	Positive Indian Ocean Dipole events precondition southeast Australia bushfires. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	180
797	Are Atlantic Niños enhancing Pacific ENSO events in recent decades?. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	273
798	Prospects for predicting two flavors of El Niño. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	121
799	South American rainfall impacts associated with inter-El Niño variations. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	33
800	Tropical origins of North and South Pacific decadal variability. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	70
801	Impact of the QBO on surface winter climate. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	140
802	Influence of wintertime large-scale circulation on the explosively developing cyclones over the western North Pacific and their downstream effects. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	61
803	Influence of sea surface temperature variability on global temperature and precipitation extremes. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	83
804	Role of the tropical Atlantic sea surface temperature in the decadal change of the summer North Atlantic Oscillation. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	35
805	Objective determination of monsoon season onset, withdrawal, and length. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	54
806	Conservation value of historical data: reconstructing stock dynamics of turbot during the last century in the Kattegat-Skagerrak. <i>Marine Ecology - Progress Series</i> , 2009, 386, 197-206.	0.9	29
807	Empirical Orthogonal Functions: The Medium is the Message. <i>Journal of Climate</i> , 2009, 22, 6501-6514.	1.2	209
808	Persistent border: an analysis of the geographic boundary of an intertidal species. <i>Marine Ecology - Progress Series</i> , 2009, 379, 135-150.	0.9	38
809	Drought-Induced Warming in the Continental United States under Different SST Regimes. <i>Journal of Climate</i> , 2009, 22, 5385-5400.	1.2	16
810	The Role of Eddies in the Southern Ocean Temperature Response to the Southern Annular Mode. <i>Journal of Climate</i> , 2009, 22, 806-818.	1.2	95
811	Declining Coral Calcification on the Great Barrier Reef. <i>Science</i> , 2009, 323, 116-119.	6.0	567

#	ARTICLE	IF	CITATIONS
812	Simulations of Global Hurricane Climatology, Interannual Variability, and Response to Global Warming Using a 50-km Resolution GCM. <i>Journal of Climate</i> , 2009, 22, 6653-6678.	1.2	550
813	Examination of Relationships between Clear-Sky Longwave Radiation and Aspects of the Atmospheric Hydrological Cycle in Climate Models, Reanalyses, and Observations. <i>Journal of Climate</i> , 2009, 22, 3127-3145.	1.2	33
814	Impact of atmospheric coastal jet off central Chile on sea surface temperature from satellite observations (2000â€“2007). <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	54
815	Response of lower trophic level production to longâ€“term climate change in the southeastern Bering Sea. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	20
816	On the influence of anthropogenic forcings on changes in the stratospheric mean age. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	75
817	A new sea ice albedo scheme including melt ponds for ECHAM5 general circulation model. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	63
818	Effects of the quasiâ€“biennial oscillation on lowâ€“latitude transport in the stratosphere derived from trajectory calculations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	43
819	Regional cooling in a warming world: Recent temperature trends in the southeast Pacific and along the west coast of subtropical South America (1979â€“2006). <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	309
820	Remote response of the East Asian winter monsoon to tropical forcing related to El NiÃ±oâ€“Southern Oscillation. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	67
821	Climate change projections for the tropical Andes using a regional climate model: Temperature and precipitation simulations for the end of the 21st century. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	357
822	Diurnal cycle of deep convection in super clusters embedded in the Maddenâ€“Julian Oscillation. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	24
823	Springtime tropospheric temperature over the Tibetan Plateau and evolutions of the tropical Pacific SST. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	77
824	Observed and modeled evolution of the tropical mean radiation budget at the top of the atmosphere since 1985. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	7
825	Reconstruction of nearâ€“global annual precipitation using correlations with sea surface temperature and sea level pressure. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	43
826	Harvesting model uncertainty for the simulation of interannual variability. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	2
827	Seasonal cycle as template for climate variability on astronomical timescales. <i>Paleoceanography</i> , 2009, 24, .	3.0	63
828	Northern Hemisphere tropical cyclone activity. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	24
829	Signature of the Atlantic meridional overturning circulation in sea level along the east coast of North America. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	82

#	ARTICLE	IF	CITATIONS
830	Impacts of climate change on stratospheric ozone recovery. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	97
831	Equivocal evidence for a thermostat and unusually low levels of coral bleaching in the Western Pacific Warm Pool. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	12
832	Processes and boreal summer impacts of the 2004 El Niño Modoki: An AGCM study. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	40
833	What causes southeast Australia's worst droughts?. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	527
834	Accelerated Warming and Emergent Trends in Fisheries Biomass Yields of the World's Large Marine Ecosystems. <i>Ambio</i> , 2009, 38, 215-224.	2.8	79
835	Analysis of the Relationship of U.S. Droughts with SST and Soil Moisture: Distinguishing the Time Scale of Droughts. <i>Journal of Climate</i> , 2009, 22, 4520-4538.	1.2	59
836	A sea ice free summer Arctic within 30 years?. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	524
837	Dominant Anomaly Patterns in the Near-Surface Baroclinicity and Accompanying Anomalies in the Atmosphere and Oceans. Part I: North Atlantic Basin. <i>Journal of Climate</i> , 2009, 22, 880-904.	1.2	39
838	A 10-15-Yr Modulation Cycle of ENSO Intensity. <i>Journal of Climate</i> , 2009, 22, 1718-1735.	1.2	106
839	Paleoclimate Reconstructions of Tropical Sea Surface Temperatures from Precipitation Proxies: Methods, Uncertainties, and Nonstationarity. <i>Journal of Climate</i> , 2009, 22, 1104-1123.	1.2	7
840	Contributions of Indian Ocean Sea Surface Temperatures to Enhanced East African Rainfall. <i>Journal of Climate</i> , 2009, 22, 993-1013.	1.2	136
841	North Pacific Climate Response to Freshwater Forcing in the Subarctic North Atlantic: Oceanic and Atmospheric Pathways. <i>Journal of Climate</i> , 2009, 22, 1424-1445.	1.2	140
842	The Atlantic Multidecadal Oscillation Inferred from the Forced Climate Response in Coupled General Circulation Models. <i>Journal of Climate</i> , 2009, 22, 1610-1625.	1.2	100
843	The Mid-1970s Climate Shift in the Pacific and the Relative Roles of Forced versus Inherent Decadal Variability. <i>Journal of Climate</i> , 2009, 22, 780-792.	1.2	203
844	How Well Do Atmospheric General Circulation Models Capture the Leading Modes of the Interannual Variability of the Asian-Australian Monsoon?. <i>Journal of Climate</i> , 2009, 22, 1159-1173.	1.2	184
845	The Ocean's Role in Continental Climate Variability and Change. <i>Journal of Climate</i> , 2009, 22, 4939-4952.	1.2	66
846	The climate prediction .net BBC climate change experiment: design of the coupled model ensemble. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 855-870.	1.6	31
847	Climate Change over the Equatorial Indo-Pacific in Global Warming*. <i>Journal of Climate</i> , 2009, 22, 2678-2693.	1.2	18

#	ARTICLE	IF	CITATIONS
848	Tropical Atmosphere–Ocean Interactions in a Conceptual Framework. <i>Journal of Climate</i> , 2009, 22, 550-567.	1.2	125
849	Symbiont diversity may help coral reefs survive moderate climate change. <i>Ecological Applications</i> , 2009, 19, 3-17.	1.8	96
850	Interannual Variability and Seasonal Evolution of Summer Monsoon Rainfall in South America. <i>Journal of Climate</i> , 2009, 22, 2257-2275.	1.2	93
851	Impacts of aerosol-cloud interactions on past and future changes in tropospheric composition. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4115-4129.	1.9	27
852	Impact of prescribed SSTs on climatologies and long-term trends in CCM simulations. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6017-6031.	1.9	31
853	Transport mechanisms for synoptic, seasonal and interannual SF<sub>6</sub> variations and "age" of air in troposphere. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 1209-1225.	1.9	71
854	A simulation of the global distribution and radiative forcing of soil dust aerosols at the Last Glacial Maximum. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3061-3073.	1.9	230
855	Reassessment of causes of ozone column variability following the eruption of Mount Pinatubo using a nudged CCM. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4251-4260.	1.9	52
856	Stratospheric warming in Southern Hemisphere high latitudes since 1979. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4329-4340.	1.9	49
857	Implications of Lagrangian transport for simulations with a coupled chemistry-climate model. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 5489-5504.	1.9	61
858	Contributions of Indian Ocean and Monsoon Biases to the Excessive Biennial ENSO in CCSM3. <i>Journal of Climate</i> , 2009, 22, 1850-1858.	1.2	27
859	Predictions of Indian Ocean SST Indices with a Simple Statistical Model: A Null Hypothesis. <i>Journal of Climate</i> , 2009, 22, 4930-4938.	1.2	30
860	Variability of large-scale atmospheric circulation indices for the northern hemisphere during the past 100 years. <i>Meteorologische Zeitschrift</i> , 2009, 18, 379-396.	0.5	31
861	Sun-Climate Linkage Now Confirmed. <i>Energy and Environment</i> , 2009, 20, 123-130.	2.7	7
862	An Integrated Global Observing System For Sea Surface Temperature Using Satellites and in Situ Data: Research to Operations. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 31-38.	1.7	31
863	Tropical SST Response to Global Warming in the Twentieth Century. <i>Journal of Climate</i> , 2009, 22, 1305-1312.	1.2	5
864	Links between Tropical Pacific SST and Cholera Incidence in Bangladesh: Role of the Western Tropical and Central Extratropical Pacific. <i>Journal of Climate</i> , 2009, 22, 1641-1660.	1.2	13
865	Warming of the Upper Equatorial Indian Ocean and Changes in the Heat Budget (1960–99). <i>Journal of Climate</i> , 2009, 22, 93-113.	1.2	72

#	ARTICLE	IF	CITATIONS
866	Influence of climate modes on tropical cyclone formation in the Australian region. IOP Conference Series: Earth and Environmental Science, 2010, 11, 012014.	0.2	1
867	Re-occurrence of silver pomfret <i>Pampus argenteus</i> in the North Sea. Marine Biodiversity Records, 2010, 3, .	1.2	6
868	Temporal and spatial changes in mixed layer properties and atmospheric net heat flux in the Nordic Seas. IOP Conference Series: Earth and Environmental Science, 2010, 13, 012006.	0.2	0
869	Teleconnections associated with the intensification of the Australian monsoon during El Niño Modoki events. IOP Conference Series: Earth and Environmental Science, 2010, 11, 012031.	0.2	11
870	Arctic sea ice and the potential for abrupt loss. Geophysical Monograph Series, 2010, , 181-191.	0.1	3
871	Historical (1850–2000) gridded anthropogenic and biomass burning emissions of reactive gases and aerosols: methodology and application. Atmospheric Chemistry and Physics, 2010, 10, 7017-7039.	1.9	2,020
872	Changes of Diurnal Temperature Range in Taiwan and Their Large-Scale Associations: Univariate and Multivariate Trend Analyses. Journal of the Meteorological Society of Japan, 2010, 88, 203-226.	0.7	11
873	The relative importance of various source regions on East Asian surface ozone. Atmospheric Chemistry and Physics, 2010, 10, 11305-11322.	1.9	83
874	Black carbon aerosols and the third polar ice cap. Atmospheric Chemistry and Physics, 2010, 10, 4559-4571.	1.9	268
875	Effects of climate-induced changes in isoprene emissions after the eruption of Mount Pinatubo. Atmospheric Chemistry and Physics, 2010, 10, 7117-7125.	1.9	39
876	Two-moment bulk stratiform cloud microphysics in the GFDL AM3 GCM: description, evaluation, and sensitivity tests. Atmospheric Chemistry and Physics, 2010, 10, 8037-8064.	1.9	87
877	Asymmetry in the Duration of El Niño and La Niña. Journal of Climate, 2010, 23, 5826-5843.	1.2	301
878	Growth characteristics of the reef-building coral <i>Porites astreoides</i> under different environmental conditions in the Western Atlantic. Coral Reefs, 2010, 29, 607-614.	0.9	31
879	How well do existing indices measure the strength of the East Asian winter monsoon?. Advances in Atmospheric Sciences, 2010, 27, 855-870.	1.9	188
880	Influence of South China Sea SST and the ENSO on winter rainfall over South China. Advances in Atmospheric Sciences, 2010, 27, 832-844.	1.9	131
881	The vertical structures of atmospheric temperature anomalies associated with El Niño simulated by the LASG/IAP AGCM: Sensitivity to convection schemes. Advances in Atmospheric Sciences, 2010, 27, 1051-1063.	1.9	5
882	Indices of El Niño and El Niño Modoki: An improved El Niño Modoki index. Advances in Atmospheric Sciences, 2010, 27, 1210-1220.	1.9	49
883	An introduction to the coupled model FGOALS1.1-s and its performance in East Asia. Advances in Atmospheric Sciences, 2010, 27, 1131-1142.	1.9	64

#	ARTICLE	IF	CITATIONS
884	The impact of perturbations to ocean-model parameters on climate and climate change in a coupled model. <i>Climate Dynamics</i> , 2010, 34, 325-343.	1.7	38
885	The Beijing Climate Center atmospheric general circulation model: description and its performance for the present-day climate. <i>Climate Dynamics</i> , 2010, 34, 123-147.	1.7	246
886	Summer interactions between weather regimes and surface ocean in the North-Atlantic region. <i>Climate Dynamics</i> , 2010, 34, 527-546.	1.7	14
887	An Atlantic influence on Amazon rainfall. <i>Climate Dynamics</i> , 2010, 34, 249-264.	1.7	217
888	Contrasting the termination of moderate and extreme El Niño events in coupled general circulation models. <i>Climate Dynamics</i> , 2010, 35, 299-313.	1.7	65
889	Quantifying Arctic contributions to climate predictability in a regional coupled ocean-ice-atmosphere model. <i>Climate Dynamics</i> , 2010, 34, 1157-1176.	1.7	64
890	Climate impacts of recent multidecadal changes in Atlantic Ocean Sea Surface Temperature: a multimodel comparison. <i>Climate Dynamics</i> , 2010, 34, 1041-1058.	1.7	90
891	Impact of prescribed Arctic sea ice thickness in simulations of the present and future climate. <i>Climate Dynamics</i> , 2010, 35, 619-633.	1.7	18
892	Climate variability in the south-eastern tropical Pacific and its relation with ENSO: a GCM study. <i>Climate Dynamics</i> , 2010, 34, 1093-1114.	1.7	15
893	Improvements in a half degree atmosphere/land version of the CCSM. <i>Climate Dynamics</i> , 2010, 34, 819-833.	1.7	212
894	Impact of soil moisture initialisation and lateral boundary conditions on regional climate model simulations of the West African Monsoon. <i>Climate Dynamics</i> , 2010, 35, 213-229.	1.7	47
895	Key features of the IPSL ocean atmosphere model and its sensitivity to atmospheric resolution. <i>Climate Dynamics</i> , 2010, 34, 1-26.	1.7	235
896	The WAMME regional model intercomparison study. <i>Climate Dynamics</i> , 2010, 35, 175-192.	1.7	84
897	Winter synoptic-scale variability over the Mediterranean Basin under future climate conditions as simulated by the ECHAM5. <i>Climate Dynamics</i> , 2010, 35, 473-488.	1.7	65
898	A summer teleconnection pattern over the extratropical Northern Hemisphere and associated mechanisms. <i>Climate Dynamics</i> , 2010, 35, 523-534.	1.7	54
899	Future change of climate in South America in the late twenty-first century: intercomparison of scenarios from three regional climate models. <i>Climate Dynamics</i> , 2010, 35, 1073-1097.	1.7	194
900	Intercomparison and analyses of the climatology of the West African Monsoon in the West African Monsoon Modeling and Evaluation project (WAMME) first model intercomparison experiment. <i>Climate Dynamics</i> , 2010, 35, 3-27.	1.7	123
901	Climate variability in the southern Indian Ocean as revealed by self-organizing maps. <i>Climate Dynamics</i> , 2010, 35, 1059-1072.	1.7	79

#	ARTICLE	IF	CITATIONS
902	Fishing through time: population dynamics of plaice (<i>Pleuronectes platessa</i>) in the Kattegat-Skagerrak over a century. <i>Population Ecology</i> , 2010, 52, 251-262.	0.7	21
903	Interannual variability in the Biannual Rossby waves in the tropical Indian Ocean and its relation to Indian Ocean Dipole and El Nino forcing. <i>Ocean Dynamics</i> , 2010, 60, 27-40.	0.9	33
904	Assessment of regional seasonal predictability using the PRECIS regional climate modeling system over South America. <i>Theoretical and Applied Climatology</i> , 2010, 100, 337-350.	1.3	54
905	Summertime moisture transport over Southeastern South America and extratropical cyclones behavior during inter-El Niño events. <i>Theoretical and Applied Climatology</i> , 2010, 101, 303-310.	1.3	16
906	Spatial and temporal variations in the occurrences of wet periods over major river basins in India. <i>Journal of Earth System Science</i> , 2010, 119, 561-578.	0.6	7
907	Variations of SST and thermocline depth in the tropical Indian Ocean during Indian Ocean Dipole events. <i>Journal of Ocean University of China</i> , 2010, 9, 129-134.	0.6	4
908	Comparisons of drought variability between central High Asia and monsoonal Asia: Inferred from tree rings. <i>Frontiers of Earth Science</i> , 2010, 4, 277-288.	0.5	7
909	Perspectives of Northern Sea Route and Northwest Passage in the twenty-first century. <i>Climatic Change</i> , 2010, 100, 757-768.	1.7	142
910	Latitudinal variation in growth among Arctic charr in eastern North America: evidence for countergradient variation?. <i>Hydrobiologia</i> , 2010, 650, 161-177.	1.0	41
911	Climate projections for selected large marine ecosystems. <i>Journal of Marine Systems</i> , 2010, 79, 258-266.	0.9	86
912	Polar outflow from the Arctic Ocean: A high resolution model study. <i>Journal of Marine Systems</i> , 2010, 83, 14-37.	0.9	62
913	Analysis of characteristics in the sea surface temperature variability in the East/Japan Sea. <i>Progress in Oceanography</i> , 2010, 85, 213-223.	1.5	25
914	Low-frequency climate variability in the Atlantic basin during the 20th century. <i>Atmospheric Science Letters</i> , 2010, 11, 180-185.	0.8	9
915	Change in the dominant decadal patterns and the late 1980s abrupt warming in the extratropical Northern Hemisphere. <i>Atmospheric Science Letters</i> , 2010, 11, 210-215.	0.8	36
916	Reconstructing ENSO: the influence of method, proxy data, climate forcing and teleconnections. <i>Journal of Quaternary Science</i> , 2010, 25, 62-78.	1.1	145
917	Uncertainties in early Central England temperatures. <i>International Journal of Climatology</i> , 2010, 30, 1105-1113.	1.5	17
918	Early 20 th century Arctic warming in retrospect. <i>International Journal of Climatology</i> , 2010, 30, 1269-1279.	1.5	99
919	Role of the Gulf of Guinea in the inter-annual variability of the West African monsoon: what do we learn from CMIP3 coupled simulations?. <i>International Journal of Climatology</i> , 2010, 30, 1843-1856.	1.5	59

#	ARTICLE	IF	CITATIONS
920	The Gulf Stream and Atlantic sea surface temperatures in AD1790-1825. <i>International Journal of Climatology</i> , 2010, 30, 1747-1763.	1.5	6
921	Seasonal prediction of monsoon rainfall in three Asian river basins: the importance of snow cover on the Tibetan Plateau. <i>International Journal of Climatology</i> , 2010, 30, 1835-1842.	1.5	36
922	Nonstationary modeling of a long record of rainfall and temperature over Rome. <i>Advances in Water Resources</i> , 2010, 33, 1256-1267.	1.7	143
923	Effects of instrumentation changes on sea surface temperature measured <i>in situ</i> . <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2010, 1, 718-728.	3.6	35
924	Prospects for decadal climate prediction. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2010, 1, 627-635.	3.6	35
925	From Observations to Forecasts - Part 6. Marine meteorological observations. <i>Weather</i> , 2010, 65, 231-238.	0.6	2
926	Global and regional climate in 2009. <i>Weather</i> , 2010, 65, 244-250.	0.6	5
927	A composite look at short-time-scale sea surface temperature changes in the western North Pacific based on ships and buoys. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 319-332.	1.0	0
928	Southern Hemisphere atmospheric circulation response to the El Chichón and Pinatubo eruptions in coupled climate models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 1813-1822.	1.0	27
929	Structural variation in genesis and landfall locations of North Atlantic tropical cyclones related to SST. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2010, 62, 243-255.	0.8	8
930	Increasing ocean temperatures allow tropical fishes to survive overwinter in temperate waters. <i>Global Change Biology</i> , 2010, 16, 506-516.	4.2	210
931	Century-scale records of coral growth rates indicate that local stressors reduce coral thermal tolerance threshold. <i>Global Change Biology</i> , 2010, 16, 1247-1257.	4.2	107
932	Conservation management approaches to protecting the capacity for corals to respond to climate change: a theoretical comparison. <i>Global Change Biology</i> , 2010, 16, 1229-1246.	4.2	58
933	Tropical cyclones and permanent El Niño in the early Pliocene epoch. <i>Nature</i> , 2010, 463, 1066-1070.	13.7	217
934	Simulating present-day climate with the INMCM4.0 coupled model of the atmospheric and oceanic general circulations. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2010, 46, 414-431.	0.2	369
935	Earth system sensitivity inferred from Pliocene modelling and data. <i>Nature Geoscience</i> , 2010, 3, 60-64.	5.4	230
936	SST-Forced and Internal Variability of the Atmosphere in an Ensemble GCM Simulation. <i>Journal of the Meteorological Society of Japan</i> , 2010, 88, 43-62.	0.7	5
937	Simulating carbon exchange using a regional atmospheric model coupled to an advanced land-surface model. <i>Biogeosciences</i> , 2010, 7, 2397-2417.	1.3	10

#	ARTICLE	IF	CITATIONS
938	Control of primary production in the Arctic by nutrients and light: insights from a high resolution ocean general circulation model. <i>Biogeosciences</i> , 2010, 7, 3569-3591.	1.3	106
939	Arctic marine climate of the early nineteenth century. <i>Climate of the Past</i> , 2010, 6, 315-324.	1.3	17
940	Long term trends in the sea surface temperature of the Black Sea. <i>Ocean Science</i> , 2010, 6, 491-501.	1.3	38
941	Potential Changes in Hydrologic Hazards Under Global Climate Change. , 0, , .		0
942	Trends in coastal upwelling intensity during the late 20th century. <i>Ocean Science</i> , 2010, 6, 815-823.	1.3	137
943	The Arabian Sea as a high-nutrient, low-chlorophyll region during the late Southwest Monsoon. <i>Biogeosciences</i> , 2010, 7, 2091-2100.	1.3	91
944	A Critical Review of Global Surface Temperature Data Products. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	1
945	Biogeophysical feedbacks trigger shifts in the modelled vegetation-atmosphere system at multiple scales. <i>Biogeosciences</i> , 2010, 7, 1237-1245.	1.3	41
946	Contribution of soil moisture feedback to hydroclimatic variability. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 505-520.	1.9	27
947	A unified proxy for ENSO and PDO variability since 1650. <i>Climate of the Past</i> , 2010, 6, 1-17.	1.3	179
948	Relative Contributions of the Indian Ocean and Local SST Anomalies to the Maintenance of the Western North Pacific Anomalous Anticyclone during the El Niño Decaying Summer*. <i>Journal of Climate</i> , 2010, 23, 2974-2986.	1.2	354
949	Accelerated warming of the Southern Ocean and its impacts on the hydrological cycle and sea ice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14987-14992.	3.3	104
950	Subtropics-Related Interannual Sea Surface Temperature Variability in the Central Equatorial Pacific. <i>Journal of Climate</i> , 2010, 23, 2869-2884.	1.2	248
951	Transitional states in marine fisheries: adapting to predicted global change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3753-3763.	1.8	69
952	Description of the Earth system model of intermediate complexity LOVECLIM version 1.2. <i>Geoscientific Model Development</i> , 2010, 3, 603-633.	1.3	279
953	Tropical Oceanic Causes of Interannual to Multidecadal Precipitation Variability in Southeast South America over the Past Century*. <i>Journal of Climate</i> , 2010, 23, 5517-5539.	1.2	81
954	Winter Gale Day Frequency in Shetland and Faeroes, AD 1866–1905: Links to Sea Ice History and the North Atlantic Oscillation. <i>Scottish Geographical Journal</i> , 2010, 126, 141-152.	0.4	6
955	An Analysis of the Effect of Global Warming on the Intensity of Atlantic Hurricanes Using a GCM with Statistical Refinement. <i>Journal of Climate</i> , 2010, 23, 6382-6393.	1.2	70

#	ARTICLE	IF	CITATIONS
956	Predicting the impacts of climate change on a globally distributed species: the case of the loggerhead turtle. <i>Journal of Experimental Biology</i> , 2010, 213, 901-911.	0.8	165
957	Response of Tropical Cyclone Potential Intensity to a Global Warming Scenario in the IPCC AR4 CGCMs. <i>Journal of Climate</i> , 2010, 23, 1354-1373.	1.2	26
958	Global and Regional Climate Response to Late Twentieth-Century Warming over the Indian Ocean. <i>Journal of Climate</i> , 2010, 23, 1660-1674.	1.2	12
959	The Physical Mechanisms by Which the Leading Patterns of SST Variability Impact U.S. Precipitation. <i>Journal of Climate</i> , 2010, 23, 1815-1836.	1.2	43
960	Temperature Measurements from Surface Drifters. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 1403-1409.	0.5	13
961	Dominant Anomaly Patterns in the Near-Surface Baroclinicity and Accompanying Anomalies in the Atmosphere and Oceans. Part II: North Pacific Basin. <i>Journal of Climate</i> , 2010, 23, 6445-6467.	1.2	37
963	Sensitivity of the simulated precipitation to changes in convective relaxation time scale. <i>Annales Geophysicae</i> , 2010, 28, 1827-1846.	0.6	28
964	Winter-to-Winter Recurrence of Sea Surface Temperature Anomalies in the Northern Hemisphere. <i>Journal of Climate</i> , 2010, 23, 3835-3854.	1.2	18
965	Multimodel Estimates of Atmospheric Response to Modes of SST Variability and Implications for Droughts. <i>Journal of Climate</i> , 2010, 23, 4327-4341.	1.2	13
966	Optimal Tropical Sea Surface Temperature Forcing of North American Drought. <i>Journal of Climate</i> , 2010, 23, 3907-3917.	1.2	20
967	Multidecadal Trends in Instrumental SST and Coral Proxy Sr/Ca Records. <i>Journal of Climate</i> , 2010, 23, 1017-1033.	1.2	9
968	A New Daily Pressure Dataset for Australia and Its Application to the Assessment of Changes in Synoptic Patterns during the Last Century. <i>Journal of Climate</i> , 2010, 23, 1111-1126.	1.2	49
969	The Climatology of the Middle Atmosphere in a Vertically Extended Version of the Met Office's Climate Model. Part II: Variability. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 3637-3651.	0.6	19
970	Reconstruction of Global Monthly Upper-Level Temperature and Geopotential Height Fields Back to 1880. <i>Journal of Climate</i> , 2010, 23, 5590-5609.	1.2	23
971	Interdecadal Change in the Relationship between ENSO and the Intraseasonal Oscillation in East Asia. <i>Journal of Climate</i> , 2010, 23, 3599-3612.	1.2	44
972	Asymmetry in ENSO Teleconnection with Regional Rainfall, Its Multidecadal Variability, and Impact. <i>Journal of Climate</i> , 2010, 23, 4944-4955.	1.2	136
973	Mesoscale Cyclone Activity over the Ice-Free Southern Ocean: 1999-2008. <i>Journal of Climate</i> , 2010, 23, 5404-5420.	1.2	36
974	Relationships between the Antarctic Oscillation, the Madden-Julian Oscillation, and ENSO, and Consequences for Rainfall Analysis. <i>Journal of Climate</i> , 2010, 23, 238-254.	1.2	75

#	ARTICLE	IF	CITATIONS
975	A Joint Estimate of the Precipitation Climate Signal in Europe Using Eight Regional Models and Five Observational Datasets. <i>Journal of Climate</i> , 2010, 23, 1719-1738.	1.2	16
976	Great Plains Drought in Simulations of the Twentieth Century. <i>Journal of Climate</i> , 2010, 23, 2178-2196.	1.2	13
977	Impact of Common Sea Surface Temperature Anomalies on Global Drought and Pluvial Frequency. <i>Journal of Climate</i> , 2010, 23, 485-503.	1.2	41
978	Asymmetry of Atmospheric Circulation Anomalies over the Western North Pacific between El Niño and La Niña*. <i>Journal of Climate</i> , 2010, 23, 4807-4822.	1.2	140
979	On the Potential Causes of the Nonstationary Correlations between West African Precipitation and Atlantic Hurricane Activity. <i>Journal of Climate</i> , 2010, 23, 5437-5456.	1.2	33
980	The Climatology of the Middle Atmosphere in a Vertically Extended Version of the Met Office's Climate Model. Part I: Mean State. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 1509-1525.	0.6	34
981	The Delayed Effect of Major El Niño Events on Indian Monsoon Rainfall. <i>Journal of Climate</i> , 2010, 23, 932-946.	1.2	53
982	Interdecadal Variations of Meridional Winds in the South China Sea and Their Relationship with Summer Climate in China*. <i>Journal of Climate</i> , 2010, 23, 825-841.	1.2	14
983	Future Change of North Atlantic Tropical Cyclone Tracks: Projection by a 20-km-Mesh Global Atmospheric Model*. <i>Journal of Climate</i> , 2010, 23, 2699-2721.	1.2	188
984	Great Plains Precipitation and Its SST Links in Twentieth-Century Climate Simulations, and Twenty-First- and Twenty-Second-Century Climate Projections. <i>Journal of Climate</i> , 2010, 23, 6409-6429.	1.2	11
985	SST's North American Hydroclimate Links in AMIP Simulations of the Drought Working Group Models: A Proxy for the Idealized Drought Modeling Experiments. <i>Journal of Climate</i> , 2010, 23, 2585-2598.	1.2	4
986	Regional Precipitation Trends: Distinguishing Natural Variability from Anthropogenic Forcing. <i>Journal of Climate</i> , 2010, 23, 2131-2145.	1.2	97
987	Mechanisms of Tropical Atlantic SST Influence on North American Precipitation Variability*. <i>Journal of Climate</i> , 2010, 23, 5610-5628.	1.2	184
988	The 1918/19 El Niño. <i>Bulletin of the American Meteorological Society</i> , 2010, 91, 177-183.	1.7	44
989	Strengthening of Tropical Indian Ocean Teleconnection to the Northwest Pacific since the Mid-1970s: An Atmospheric GCM Study*. <i>Journal of Climate</i> , 2010, 23, 5294-5304.	1.2	157
991	Changes in the Subduction of Southern Ocean Water Masses at the End of the Twenty-First Century in Eight IPCC Models. <i>Journal of Climate</i> , 2010, 23, 6526-6541.	1.2	48
992	Forcing Processes of the Summertime Circumglobal Teleconnection Pattern in a Dry AGCM. <i>Journal of Climate</i> , 2010, 23, 2093-2114.	1.2	124
993	Australian Monsoon Variability Driven by a Gill's Matsuno-Type Response to Central West Pacific Warming. <i>Journal of Climate</i> , 2010, 23, 4717-4736.	1.2	49

#	ARTICLE	IF	CITATIONS
994	Decadal Variability in a Central Greenland High-Resolution Deuterium Isotope Record and Its Relationship to the Frequency of Daily Atmospheric Circulation Patterns from the North Atlantic Region. <i>Journal of Climate</i> , 2010, 23, 4608-4618.	1.2	9
995	The INGVâ€“CMCC Seasonal Prediction System: Improved Ocean Initial Conditions. <i>Monthly Weather Review</i> , 2010, 138, 2930-2952.	0.5	43
996	The Roles of External Forcings and Internal Variabilities in the Northern Hemisphere Atmospheric Circulation Change from the 1960s to the 1990s. <i>Journal of Climate</i> , 2010, 23, 6200-6220.	1.2	24
997	Why Is ENSO Influencing Northwest India Winter Precipitation in Recent Decades?. <i>Journal of Climate</i> , 2010, 23, 1979-1993.	1.2	90
998	Disentangling the Impact of ENSO and Indian Ocean Variability on the Regional Climate of Bangladesh: Implications for Cholera Risk. <i>Journal of Climate</i> , 2010, 23, 2817-2831.	1.2	29
999	Mixed Layer Temperature Response to the Southern Annular Mode: Mechanisms and Model Representation. <i>Journal of Climate</i> , 2010, 23, 664-678.	1.2	20
1000	Influence of SST Forcing on Stochastic Characteristics of Simulated Precipitation and Drought. <i>Journal of Hydrometeorology</i> , 2010, 11, 754-769.	0.7	15
1001	The Pacificâ€™s Response to Surface Heating in 130 Yr of SST: La NiÃ±aâ€“like or El NiÃ±oâ€“like?. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 2649-2657.	0.6	39
1002	Retrospective Forecasts of the Hurricane Season Using a Global Atmospheric Model Assuming Persistence of SST Anomalies. <i>Monthly Weather Review</i> , 2010, 138, 3858-3868.	0.5	82
1003	Traditional El NiÃ±o and El NiÃ±o Modoki Revisited: Is El NiÃ±o Modoki Linearly Independent of Traditional El NiÃ±o?. <i>Atmospheric and Oceanic Science Letters</i> , 2010, 3, 70-74.	0.5	7
1004	Possible Impact of the Boreal Spring Antarctic Oscillation on the North American Summer Monsoon. <i>Atmospheric and Oceanic Science Letters</i> , 2010, 3, 232-236.	0.5	26
1005	The Double-ITCZ Syndrome in Coupled General Circulation Models: The Role of Large-Scale Vertical Circulation Regimes. <i>Journal of Climate</i> , 2010, 23, 1127-1145.	1.2	122
1006	Arctic sea-ice change: a grand challenge of climate science. <i>Journal of Glaciology</i> , 2010, 56, 1115-1121.	1.1	76
1007	Climate change and marine mammals. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 1483-1487.	0.4	18
1008	The impacts of Tibetan uplift on palaeoclimate proxies. <i>Geological Society Special Publication</i> , 2010, 342, 279-291.	0.8	19
1009	Influence of the Pacific Decadal Oscillation on the Relationship between El NiÃ±o and the Northeast Asian Summer Monsoon. <i>Journal of Climate</i> , 2010, 23, 4525-4537.	1.2	82
1010	Revisiting the association between sea surface temperature and the epidemiology of fish poisoning in the South Pacific: Reassessing the link between ciguatera and climate change. <i>Toxicon</i> , 2010, 56, 691-697.	0.8	86
1011	Current changes in tropical precipitation. <i>Environmental Research Letters</i> , 2010, 5, 025205.	2.2	197

#	ARTICLE	IF	CITATIONS
1012	A snapshot of climate variability at Tahiti at 9.5 ka using a fossil coral from IODP Expedition 310. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	44
1013	A GCM-based analysis of circulation controls on $\delta^{18}O$ in the southwest Yukon, Canada: Implications for climate reconstructions in the region. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	18
1014	Application of partial least squares regression to the diagnosis of year-to-year variations in Pacific Northwest snowpack and Atlantic hurricanes. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	45
1015	Decadal cooling in the Indian summer monsoon after 1997/1998 El Niño and its impact on the East Asian summer monsoon. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	14
1016	Predicting North Atlantic sea surface temperature variability on the basis of the first mode baroclinic Rossby wave model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	9
1017	Modes and mechanisms of sea surface temperature low-frequency variations over the coastal China seas. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	41
1018	What determines the maximum sea ice extent in the Sea of Okhotsk? Importance of ocean thermal condition from the Pacific. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	18
1019	Shift of peak in summer monsoon rainfall over Korea and its association with El Niño-Southern Oscillation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	25
1020	Relationships between southeastern Australian rainfall and sea surface temperatures examined using a climate model. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	20
1021	Mechanisms and feedback causing changes in upper stratospheric ozone in the 21st century. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	40
1022	Low-frequency variations in surface atmospheric humidity, temperature, and precipitation: Inferences from reanalyses and monthly gridded observational data sets. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	412
1023	Respective impacts of the East Asian winter monsoon and ENSO on winter rainfall in China. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	153
1024	Interaction of interannual and diurnal variations over equatorial Africa. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	7
1025	Improved predictability of stratospheric sudden warming events in an atmospheric general circulation model with enhanced stratospheric resolution. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	80
1026	Recovery of stratospheric ozone in calculations by the Center for Climate System Research/National Institute for Environmental Studies chemistry-climate model under the CCMVal-REF2 scenario and a no-climate-change run. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	12
1027	Associations between stratospheric variability and tropospheric blocking. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	143
1028	Reduced space optimal interpolation of daily rain gauge precipitation in Switzerland. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	27
1029	Observed and modeled controls on precipitation $\delta^{18}O$ over Europe: From local temperature to the Northern Annular Mode. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	54

#	ARTICLE	IF	CITATIONS
1030	Nonlinear estimation of El Niño impact on the North Atlantic winter. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	9
1031	Ozone and temperature response of a chemistry climate model to the solar cycle and sea surface temperature. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
1032	Review of the formulation of present-generation stratospheric chemistry climate models and associated external forcings. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	150
1033	Relative importance of meridional and zonal sea surface temperature gradients for the onset of the ice ages and Pliocene-Pleistocene climate evolution. <i>Paleoceanography</i> , 2010, 25, .	3.0	101
1034	Coral windows onto seasonal climate variability in the northern Caribbean since 1479. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	17
1035	Three evolution patterns of Central-Pacific El Niño. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	111
1036	Will black carbon mitigation dampen aerosol indirect forcing?. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	86
1037	Twentieth century tropical sea surface temperature trends revisited. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	373
1038	Identification of Central-Pacific and Eastern-Pacific types of ENSO in CMIP3 models. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	96
1039	Air temperature variations on the Atlantic-Arctic boundary since 1802. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	25
1040	El Niño and La Niña amplitude asymmetry caused by atmospheric feedbacks. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	88
1041	Impacts of tropical ocean warming on East Asian summer climate. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	17
1042	Characterization of global ocean turbidity from Moderate Resolution Imaging Spectroradiometer ocean color observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	74
1043	Equatorial Atlantic interannual variability: Role of heat content. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	47
1044	Sea surface temperature cooling mode in the Pacific cold tongue. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	59
1045	Evidence of enhanced precipitation due to irrigation over the Great Plains of the United States. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	214
1046	Reconstructing drought variability for Mongolia based on a large-scale tree ring network: 1520–1993. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	53
1047	Realism of local and remote feedbacks on tropical sea surface temperatures in climate models. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	17

#	ARTICLE	IF	CITATIONS
1048	Effects of irrigation on global climate during the 20th century. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	245
1049	Effects of postcondensation exchange on the isotopic composition of water in the atmosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	72
1050	Multimodel assessment of the factors driving stratospheric ozone evolution over the 21st century. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	66
1051	Predictability of summer northwest Pacific climate in 11 coupled model hindcasts: Local and remote forcing. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	78
1052	Different impacts of two types of Pacific Ocean warming on Southeast Asian rainfall during boreal winter. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	174
1053	Correction to "Relative importance of meridional and zonal sea surface temperature gradients for the onset of the ice ages and Pliocene-Pleistocene climate evolution". <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	3
1054	Impact of Changes in Climate and Halocarbons on Recent Lower Stratosphere Ozone and Temperature Trends. <i>Journal of Climate</i> , 2010, 23, 2599-2611.	1.2	42
1055	GLOBAL SURFACE TEMPERATURE CHANGE. <i>Reviews of Geophysics</i> , 2010, 48, .	9.0	2,265
1056	Sea Surface Temperature Variability: Patterns and Mechanisms. <i>Annual Review of Marine Science</i> , 2010, 2, 115-143.	5.1	788
1057	Spatial and inter-decadal variability in plankton abundance and composition in the Northwest Atlantic (1958-2006). <i>Journal of Plankton Research</i> , 2010, 32, 1633-1648.	0.8	43
1058	Biophysical coupling in remotely-sensed wind stress, sea surface temperature, sea ice and chlorophyll concentrations in the South Indian Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 701-722.	0.6	17
1059	Climate change scenarios for Northwest India winter season. <i>Quaternary International</i> , 2010, 213, 12-19.	0.7	18
1060	History of sea ice in the Arctic. <i>Quaternary Science Reviews</i> , 2010, 29, 1757-1778.	1.4	343
1061	Arctic sea-ice cover from the early Holocene: the role of atmospheric circulation patterns. <i>Quaternary Science Reviews</i> , 2010, 29, 3457-3467.	1.4	11
1062	Impact of warming on abundance and occurrence of flatfish populations in the Bay of Biscay (France). <i>Journal of Sea Research</i> , 2010, 64, 45-53.	0.6	49
1063	Outdoor Examples. <i>Springer Series in Synergetics</i> , 2010, , 349-388.	0.2	0
1064	Relative Contribution of Greenhouse Gases and Ozone-Depleting Substances to Temperature Trends in the Stratosphere: A Chemistry-Climate Model Study. <i>Journal of Climate</i> , 2010, 23, 28-42.	1.2	52
1065	Interhemispheric Influence of the Atlantic Warm Pool on the Southeastern Pacific. <i>Journal of Climate</i> , 2010, 23, 404-418.	1.2	52

#	ARTICLE	IF	CITATIONS
1066	Evidence for Two Distinct Modes of Large-Scale Ocean Circulation Changes over the Last Century. <i>Journal of Climate</i> , 2010, 23, 5-16.	1.2	78
1067	Global climate response to anthropogenic aerosol indirect effects: Present day and year 2100. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	26
1068	Scaling of tropical-cyclone dissipation. <i>Nature Physics</i> , 2010, 6, 693-696.	6.5	40
1069	Modeling the Dependence of Tropical Storm Counts in the North Atlantic Basin on Climate Indices. <i>Monthly Weather Review</i> , 2010, 138, 2681-2705.	0.5	100
1070	Removing ENSO-Related Variations from the Climate Record. <i>Journal of Climate</i> , 2010, 23, 1957-1978.	1.2	156
1071	Potential Impact of the Tropical Indian Oceanâ€“Indonesian Seas on El NiÃ±o Characteristics*. <i>Journal of Climate</i> , 2010, 23, 3933-3952.	1.2	61
1072	Interdecadal Relationships between the Asianâ€“Pacific Oscillation and Summer Climate Anomalies over Asia, North Pacific, and North America during a Recent 100 Years. <i>Journal of Climate</i> , 2011, 24, 4793-4799.	1.2	38
1073	Relative Controls of Asianâ€“Pacific Summer Climate by Asian Land and Tropicalâ€“North Pacific Sea Surface Temperature. <i>Journal of Climate</i> , 2011, 24, 4165-4188.	1.2	33
1074	Late 20th century warming in a coastal horticultural region and its effects on tree phenology. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2011, 39, 119-129.	0.7	12
1075	Estimating Annual Numbers of Atlantic Hurricanes Missing from the HURDAT Database (1878â€“1965) Using Ship Track Density. <i>Journal of Climate</i> , 2011, 24, 1736-1746.	1.2	136
1076	Synchrony in marine growth among Atlantic salmon (<i>Salmo salar</i>) populations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 444-457.	0.7	32
1077	Regionalization of Present-Day Precipitation in the Greater Monsoon Region of Asia*. <i>Journal of Climate</i> , 2011, 24, 4073-4095.	1.2	64
1078	New features of land and sea surface temperature anomalies. <i>International Journal of Remote Sensing</i> , 2011, 32, 3231-3238.	1.3	57
1079	Climatology and Interannual Variability of Convectively Coupled Equatorial Waves Activity. <i>Journal of Climate</i> , 2011, 24, 4451-4465.	1.2	36
1080	A Coupled Dynamical Oceanâ€“Energy Balance Atmosphere Model for Paleoclimate Studies. <i>Journal of Climate</i> , 2011, 24, 349-375.	1.2	87
1081	Nine decades of North Sea sole and plaice distribution. <i>ICES Journal of Marine Science</i> , 2011, 68, 1090-1104.	1.2	97
1082	Trends and variability in summer sea ice cover in the Canadian Arctic based on the Canadian Ice Service Digital Archive, 1960â€“2008 and 1968â€“2008. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	116
1083	Improving temperature estimates derived from Mg/Ca of planktonic foraminifera using X-ray computed tomographyâ€“based dissolution index, XDX. <i>Paleoceanography</i> , 2011, 26, .	3.0	27

#	ARTICLE	IF	CITATIONS
1084	Natural variability of the central Pacific El Niño event on multi-centennial timescales. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	101
1085	Alternating mutual influence of El-Niño/Southern Oscillation and Indian monsoon. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	75
1086	Understanding the drivers for the 20th century change of hydrogen peroxide in Antarctic ice-cores. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	25
1087	Simulation of the Indian Ocean Dipole: A relevant criterion for selecting models for climate projections. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	26
1088	Tropical Pacific response to 20th century Atlantic warming. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	125
1089	Future changes in tropospheric ozone under Representative Concentration Pathways (RCPs). <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	85
1090	Impacts of HO _x regeneration and recycling in the oxidation of isoprene: Consequences for the composition of past, present and future atmospheres. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	78
1091	Accuracy of climate change predictions using high resolution simulations as surrogates of truth. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	18
1092	El Niño variability in simple ocean data assimilation (SODA), 1871–2008. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	268
1093	Interannual modulation of eddy kinetic energy in the southeast Indian Ocean by Southern Annular Mode. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	27
1094	Key factors in simulating the equatorial Atlantic zonal sea surface temperature gradient in a coupled general circulation model. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	28
1095	Contrasting the flavors of El Niño-Southern Oscillation using sea surface salinity observations. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	122
1096	The vertical distribution of ozone instantaneous radiative forcing from satellite and chemistry climate models. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	40
1097	Climate effects of high-latitude volcanic eruptions: Role of the time of year. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	88
1098	Climate change projections over South America in the late 21st century with the 20 and 60 km mesh Meteorological Research Institute atmospheric general circulation model (MRI-AGCM). <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	60
1099	Trend and spectral analysis of rainfall over India during 1901–2000. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	75
1100	Dynamical response in the Northern Hemisphere midlatitude and high-latitude winter to the QBO simulated by CCSR/NIES CCM. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	39
1101	Regional climate model simulation of projected 21st century climate change over an all-Africa domain: Comparison analysis of nested and driving model results. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	93

#	ARTICLE	IF	CITATIONS
1102	Evaluation of factors controlling long-range transport of black carbon to the Arctic. Journal of Geophysical Research, 2011, 116, .	3.3	144
1103	Intraseasonal isotopic variation associated with the Madden-Julian Oscillation. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	112
1104	Reassessing biases and other uncertainties in sea surface temperature observations measured in situ since 1850: 1. Measurement and sampling uncertainties. Journal of Geophysical Research, 2011, 116, .	3.3	283
1105	Reassessing biases and other uncertainties in sea surface temperature observations measured in situ since 1850: 2. Biases and homogenization. Journal of Geophysical Research, 2011, 116, .	3.3	309
1106	Ferrel Circulation variability in the Southern Hemisphere and its linkages with tropical and subtropical sea surface temperature. Journal of Geophysical Research, 2011, 116, .	3.3	3
1107	Interdecadal change in sea surface temperature anomalies associated with winter rainfall over South China. Journal of Geophysical Research, 2011, 116, .	3.3	17
1108	Is the recorded increase in short-duration North Atlantic tropical storms spurious?. Journal of Geophysical Research, 2011, 116, .	3.3	51
1109	An experimental streamflow reconstruction for the River Murray, Australia, 1783â€“1988. Water Resources Research, 2011, 47, .	1.7	61
1110	The role of tropical modes of variability in recent rainfall deficits across the Murrayâ€“Darling Basin. Water Resources Research, 2011, 47, .	1.7	37
1111	Topographic meandering of Antarctic Circumpolar Current and Antarctic Circumpolar Wave in the ice-ocean-atmosphere system. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	10
1112	ENSO regimes: Reinterpreting the canonical and Modoki El NiÃ±o. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	419
1113	Sudden increase in Antarctic sea ice: Fact or artifact?. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	15
1114	Oceanic forcing for the East Asian precipitation in pacemaker AGCM experiments. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	3
1115	Natural variation in ENSO flavors. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	170
1116	The response of tropical tropospheric ozone to ENSO. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	90
1117	The influence of Southern Hemisphere seaâ€ice extent on the latitude of the midâ€latitude jet stream. Geophysical Research Letters, 2011, 38, .	1.5	51
1118	Comparison of observed and simulated tropical climate trends using a forward model of coral<i>' <sup>18< 2011,="" 38,="" a-n="" a.<="" geophysical="" i>.="" letters,="" n="" research="" sup>o<="" td=""> <td>1.5</td> <td>73</td> </sup>18<>	1.5	73
1119	Key role of the Atlantic Multidecadal Oscillation in 20th century drought and wet periods over the Great Plains. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	144

#	ARTICLE	IF	CITATIONS
1120	Robust features of Atlantic multi-decadal variability and its climate impacts. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	179
1121	Impacts of central Pacific and eastern Pacific El Niño±os on tropical cyclone tracks over the western North Pacific. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	58
1122	Vegetation dynamics contributes to the multi-decadal variability of precipitation in the Amazon region. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	43
1123	Sensitivity of the northeast Asian summer monsoon to tropical sea surface temperatures. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	12
1124	Improved Atlantic winter blocking in a climate model. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	184
1125	The central Pacific as the export region of the El Niño±o-Southern Oscillation sea surface temperature anomaly to Antarctic sea ice. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	22
1126	Decadal variability in the Southern Hemisphere. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	43
1127	Climatology and changes in tropical oceanic rainfall characteristics inferred from Tropical Rainfall Measuring Mission (TRMM) data (1998±2009). <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	53
1128	Dramatic interannual changes of perennial Arctic sea ice linked to abnormal summer storm activity. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	121
1129	The remote effect of the Tibetan Plateau on downstream flow in early summer. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	19
1130	A dynamical fingerprint of tropical Pacific sea surface temperatures on the decadal-scale variability of cool-season Arctic precipitation. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	37
1131	Warming and drying of the eastern Mediterranean: Additional evidence from trend analysis. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	52
1132	A multiscale global evaluation of the impact of ENSO on droughts. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	120
1133	An analysis of the impact of convective parameter sensitivity on simulated global atmospheric CO distributions. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	18
1134	Potential changes in larval dispersal and alongshore connectivity on the central Chilean coast due to an altered wind climate. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	35
1135	Assessing El Niño±o Southern Oscillation variability during the past millennium. <i>Paleoceanography</i> , 2011, 26, .	3.0	38
1136	The GloSea4 Ensemble Prediction System for Seasonal Forecasting. <i>Monthly Weather Review</i> , 2011, 139, 1891-1910.	0.5	178
1137	The Impact of Tropical Indian Ocean Variability on Summer Surface Air Temperature in China. <i>Journal of Climate</i> , 2011, 24, 5365-5377.	1.2	90

#	ARTICLE	IF	CITATIONS
1138	Arabian Sea tropical cyclones intensified by emissions of black carbon and other aerosols. <i>Nature</i> , 2011, 479, 94-97.	13.7	195
1139	Climate change impacts on the biophysics and economics of world fisheries. <i>Nature Climate Change</i> , 2011, 1, 449-456.	8.1	506
1140	Decadal Variability of Asianâ€“Australian Monsoonâ€“ENSOâ€“TBO Relationships. <i>Journal of Climate</i> , 2011, 24, 4925-4940.	1.2	53
1141	Rethinking the Oceanâ€™s Role in the Southern Oscillation. <i>Journal of Climate</i> , 2011, 24, 4056-4072.	1.2	95
1142	Sources of plutonium to the tropical Northwest Pacific Ocean (1943â€“1999) identified using a natural coral archive. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1346-1356.	1.6	62
1143	Emission scenarios for a global hydrogen economy and the consequences for global air pollution. <i>Global Environmental Change</i> , 2011, 21, 983-994.	3.6	40
1144	A gridded sea surface salinity data set for the tropical Pacific with sample applications (1950â€“2008). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 38-48.	0.6	85
1145	Inter-annual variations in the SeaWiFS global chlorophyll a concentration (1997â€“2007). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 429-441.	0.6	76
1146	Global ocean re-analyses for climate applications. <i>Dynamics of Atmospheres and Oceans</i> , 2011, 52, 341-366.	0.7	18
1147	Southern African Monthly Rainfall Variability: An Analysis Based on Generalized Linear Models. <i>Journal of Climate</i> , 2011, 24, 4600-4617.	1.2	21
1148	El NiÃ±oâ€“Southern Oscillationâ€™s Impact on Atlantic Basin Hurricanes and U.S. Landfalls. <i>Journal of Climate</i> , 2011, 24, 1252-1263.	1.2	70
1149	Diatom-based reconstruction of palaeoceanographic changes on the North Icelandic shelf during the last millennium. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 109-119.	1.0	43
1150	Coupling of palaeoceanographic shifts and changes in marine reservoir ages off North Iceland through the last millennium. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 95-108.	1.0	47
1151	Using coralline algae to understand historic marine cloud cover. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 65-70.	1.0	33
1152	A Tortonian (Late Miocene, 11.61â€“7.25Ma) global vegetation reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 300, 29-45.	1.0	149
1153	A coral Sr/Ca calibration and replication study of two massive corals from the Gulf of Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 307, 117-128.	1.0	71
1154	Patterns of decadal climate variability and their impact on global rainfall. <i>Procedia Environmental Sciences</i> , 2011, 6, 70-87.	1.3	3
1155	Effects of Climate-induced Changes in Isoprene Emissions after the eruption of Mount Pinatubo. <i>Procedia Environmental Sciences</i> , 2011, 6, 199-205.	1.3	0

#	ARTICLE	IF	CITATIONS
1156	Interannual to decadal Gulf Stream variability in an eddy-resolving ocean model. <i>Ocean Modelling</i> , 2011, 39, 209-219.	1.0	23
1157	Global, regional and local scale factors determining glaciation extent in Eastern Siberia over the last 140,000 years. <i>Quaternary Science Reviews</i> , 2011, 30, 821-831.	1.4	21
1158	Impact of Sea Surface Temperature and Soil Moisture on Summer Precipitation in the United States Based on Observational Data. <i>Journal of Hydrometeorology</i> , 2011, 12, 1086-1099.	0.7	48
1159	Interannual to multi-decadal Arctic sea ice extent trends in a warming world. <i>Geophysical Research Letters</i> , 2011, 38, .	1.5	227
1160	The Influence of El Niño-Southern Oscillation and the Atlantic Multidecadal Oscillation on Caribbean Tropical Cyclone Activity. <i>Journal of Climate</i> , 2011, 24, 721-731.	1.2	60
1161	On the evaluation of temperature trends in the tropical troposphere. <i>Climate Dynamics</i> , 2011, 36, 419-430.	1.7	23
1162	Impact of Polar Ozone Depletion on Subtropical Precipitation. <i>Science</i> , 2011, 332, 951-954.	6.0	220
1163	Marine biogeochemical responses to the North Atlantic Oscillation in a coupled climate model. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	20
1164	Great Barrier Reef coral luminescence reveals rainfall variability over northeastern Australia since the 17th century. <i>Paleoceanography</i> , 2011, 26, .	3.0	74
1165	On the mechanisms of late 20th century sea-surface temperature trends over the Antarctic Circumpolar Current. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	2
1166	The Impact of Stratospheric Ozone Changes on Downward Wave Coupling in the Southern Hemisphere*. <i>Journal of Climate</i> , 2011, 24, 4210-4229.	1.2	21
1167	Interannual-to-Multidecadal Variability of Vertical Shear and Tropical Cyclone Activity. <i>Journal of Climate</i> , 2011, 24, 2949-2962.	1.2	33
1168	North Atlantic Tropical Storm Frequency Response to Anthropogenic Forcing: Projections and Sources of Uncertainty. <i>Journal of Climate</i> , 2011, 24, 3224-3238.	1.2	51
1169	The Pace of Shifting Climate in Marine and Terrestrial Ecosystems. <i>Science</i> , 2011, 334, 652-655.	6.0	1,062
1170	Late Holocene plant and climate evolution at Lake Yoa, northern Chad: pollen data and climate simulations. <i>Climate of the Past</i> , 2011, 7, 1351-1362.	1.3	44
1171	Uncertainty of Future Precipitation Change Due to Global Warming Associated with Sea Surface Temperature Change in the Tropical Pacific. <i>Journal of the Meteorological Society of Japan</i> , 2011, 89, 539-552.	0.7	7
1172	Comparison of Global Mean Temperature Series. <i>Advances in Climate Change Research</i> , 2011, 2, 187-192.	2.1	13
1173	Interannual Variability of the Baiu Season near Japan Evaluated from the Equivalent Potential Temperature. <i>Journal of the Meteorological Society of Japan</i> , 2011, 89, 517-537.	0.7	46

#	ARTICLE	IF	CITATIONS
1174	Causes and Consequences of the Late 1960s Great Salinity Anomaly. , 2011, , .		4
1175	Role of Air-sea Coupling in the Interannual Variability of the South China Sea Summer Monsoon. Journal of the Meteorological Society of Japan, 2011, 89A, 283-290.	0.7	17
1176	Global Climate Modeling of Regional Changes in Cloud, Precipitation, and Radiation Budget Due to the Aerosol Semi-Direct Effect of Black Carbon. Scientific Online Letters on the Atmosphere, 2011, 7, 181-184.	0.6	5
1177	Chemistry-Climate Connections “ Interaction of Physical, Dynamical, and Chemical Processes in Earth Atmosphere. , 0, , .		3
1178	Contrasting Impacts of the Indian Ocean Dipole and ENSO on the Tropospheric Biennial Oscillation. Scientific Online Letters on the Atmosphere, 2011, 7, 13-16.	0.6	8
1179	Contrasting Impacts of Two-Type El Nino over the Western North Pacific during Boreal Autumn. Journal of the Meteorological Society of Japan, 2011, 89, 563-569.	0.7	124
1180	Can oceanic paleothermometers reconstruct the Atlantic Multidecadal Oscillation?. Climate of the Past, 2011, 7, 151-159.	1.3	6
1181	Sensitivity of interglacial Greenland temperature and $\delta^{18}O$ ice core data, orbital and increased CO_2 ; climate simulations. Climate of the Past, 2011, 7, 1041-1059.	1.3	59
1182	Interannual Rainfall Variability over the Eastern Maritime Continent. Journal of the Meteorological Society of Japan, 2011, 89A, 111-122.	0.7	24
1183	Cold tongue/Warm pool and ENSO dynamics in the Pliocene. Climate of the Past, 2011, 7, 903-915.	1.3	20
1184	Projected Changes to Growth and Mortality of Hawaiian Corals over the Next 100 Years. PLoS ONE, 2011, 6, e18038.	1.1	50
1185	Relative Changes in Krill Abundance Inferred from Antarctic Fur Seal. PLoS ONE, 2011, 6, e27331.	1.1	26
1186	Ozone database in support of CMIP5 simulations: results and corresponding radiative forcing. Atmospheric Chemistry and Physics, 2011, 11, 11267-11292.	1.9	244
1187	Simulated enhancement of ENSO-related rainfall variability due to Australian dust. Atmospheric Chemistry and Physics, 2011, 11, 6575-6592.	1.9	34
1188	Global precipitation response to changing forcings since 1870. Atmospheric Chemistry and Physics, 2011, 11, 9961-9970.	1.9	18
1189	Aerosol emissions and dimming/brightening in Europe: Sensitivity studies with ECHAM5-HAM. Journal of Geophysical Research, 2011, 116, .	3.3	69
1190	A study of uncertainties in the sulfate distribution and its radiative forcing associated with sulfur chemistry in a global aerosol model. Atmospheric Chemistry and Physics, 2011, 11, 10889-10910.	1.9	46
1191	The Arctic vortex in March 2011: a dynamical perspective. Atmospheric Chemistry and Physics, 2011, 11, 11447-11453.	1.9	60

#	ARTICLE	IF	CITATIONS
1192	Geomagnetic activity related NO _x enhancements and polar surface air temperature variability in a chemistry climate model: modulation of the NAM index. Atmospheric Chemistry and Physics, 2011, 11, 4521-4531.	1.9	118
1193	The impact of orbital sampling, monthly averaging and vertical resolution on climate chemistry model evaluation with satellite observations. Atmospheric Chemistry and Physics, 2011, 11, 6493-6514.	1.9	31
1194	CLIMATE CHANGE IMPACT ON RIVER FLOW OF THE TONE RIVER BASIN, JAPAN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, 1_85-1_90.	0.0	9
1195	Global multi-year O ₃ -CO correlation patterns from models and TES satellite observations. Atmospheric Chemistry and Physics, 2011, 11, 5819-5838.	1.9	54
1196	Observed climate change in Australian marine and freshwater environments. Marine and Freshwater Research, 2011, 62, 984.	0.7	115
1197	Records of sea-ice extent and air temperature at the Sea of Okhotsk from an ice core of Mount Ichinsky, Kamchatka. Annals of Glaciology, 2011, 52, 44-50.	2.8	10
1198	Recent land surface air temperature trends assessed using the 20th Century Reanalysis. Journal of Geophysical Research, 2011, 116, .	3.3	15
1199	Seasonal variability of salt transport during the Indian Ocean monsoons. Journal of Geophysical Research, 2011, 116, .	3.3	26
1200	Locations of marine animals revealed by carbon isotopes. Scientific Reports, 2011, 1, 21.	1.6	89
1201	Long-term shifts in abundance and distribution of a temperate fish fauna: a response to climate change and fishing practices. Global Ecology and Biogeography, 2011, 20, 58-72.	2.7	387
1202	Winter warming in West Antarctica caused by central tropical Pacific warming. Nature Geoscience, 2011, 4, 398-403.	5.4	328
1203	Climate Scenario Development and Applications for Local/Regional Climate Change Impact Assessments: An Overview for the Non-Climate Scientist. Geography Compass, 2011, 5, 301-328.	1.5	37
1204	Response of intertidal populations to climate: Effects of extreme events versus long term change. Journal of Experimental Marine Biology and Ecology, 2011, 400, 132-144.	0.7	169
1205	Variation among northeast Atlantic regions in the responses of zooplankton to climate change: Not all areas follow the same path. Journal of Experimental Marine Biology and Ecology, 2011, 400, 120-131.	0.7	36
1206	Coral skeletal extension rate: An environmental signal or a subject to inaccuracies?. Journal of Experimental Marine Biology and Ecology, 2011, 405, 73-79.	0.7	21
1207	Spatio-temporal variability in Ebro river basin (NE Spain): Global SST as potential source of predictability on decadal time scales. Journal of Hydrology, 2011, 409, 759-775.	2.3	19
1208	On the use of IPCC-class models to assess the impact of climate on Living Marine Resources. Progress in Oceanography, 2011, 88, 1-27.	1.5	272
1209	Impacts of aerosols on regional meteorology due to Siberian forest fires in May 2003. Atmospheric Environment, 2011, 45, 1407-1412.	1.9	11

#	ARTICLE	IF	CITATIONS
1210	Impact of continuously varied SST on land-sea breezes and ozone concentration over south-western coast of Korea. <i>Atmospheric Environment</i> , 2011, 45, 6439-6450.	1.9	9
1211	Stratospheric Ozone Depletion: The Main Driver of Twentieth-Century Atmospheric Circulation Changes in the Southern Hemisphere. <i>Journal of Climate</i> , 2011, 24, 795-812.	1.2	529
1212	On the observed relationship between the Pacific Decadal Oscillation and the Atlantic Multi-decadal Oscillation. <i>Journal of Oceanography</i> , 2011, 67, 27-35.	0.7	73
1213	Linkage between winter air temperature over the subtropical Western Pacific and the ice extent anomaly in the Sea of Okhotsk. <i>Journal of Oceanography</i> , 2011, 67, 197-208.	0.7	2
1214	Simulating present climate of the global ocean-ice system using the Meteorological Research Institute Community Ocean Model (MRI.COM): simulation characteristics and variability in the Pacific sector. <i>Journal of Oceanography</i> , 2011, 67, 449-479.	0.7	48
1215	Modeling regional coral reef responses to global warming and changes in ocean chemistry: Caribbean case study. <i>Climatic Change</i> , 2011, 109, 375-397.	1.7	29
1216	Anomalous summer climate in China influenced by the tropical Indo-Pacific Oceans. <i>Climate Dynamics</i> , 2011, 36, 769-782.	1.7	86
1217	The 1983 drought in the West Sahel: a case study. <i>Climate Dynamics</i> , 2011, 36, 463-472.	1.7	48
1218	Reconstructed streamflow for Citarum River, Java, Indonesia: linkages to tropical climate dynamics. <i>Climate Dynamics</i> , 2011, 36, 451-462.	1.7	56
1219	Modes of variability of Southern Hemisphere atmospheric circulation estimated by AGCMs. <i>Climate Dynamics</i> , 2011, 36, 473-490.	1.7	11
1220	Critical influence of the pattern of Tropical Ocean warming on remote climate trends. <i>Climate Dynamics</i> , 2011, 36, 1577-1591.	1.7	84
1221	Sensitivity of ENSO characteristics to a new interactive flux correction scheme in a coupled GCM. <i>Climate Dynamics</i> , 2011, 36, 119-137.	1.7	10
1222	The impact of atmospheric initialisation on seasonal prediction of tropical Pacific SST. <i>Climate Dynamics</i> , 2011, 36, 1155-1171.	1.7	89
1223	An objective analysis of the observed spatial structure of the tropical Indian Ocean SST variability. <i>Climate Dynamics</i> , 2011, 36, 2129-2145.	1.7	40
1224	Atmospheric circulation anomalies during two persistent north american droughts: 1932-1939 and 1948-1957. <i>Climate Dynamics</i> , 2011, 36, 2339-2355.	1.7	70
1225	Climate model errors, feedbacks and forcings: a comparison of perturbed physics and multi-model ensembles. <i>Climate Dynamics</i> , 2011, 36, 1737-1766.	1.7	233
1226	Predictability of Mediterranean climate variables from oceanic variability. Part I: Sea surface temperature regimes. <i>Climate Dynamics</i> , 2011, 36, 811-823.	1.7	4
1227	Southern Hemisphere extra-tropical forcing: a new paradigm for El Niño-Southern Oscillation. <i>Climate Dynamics</i> , 2011, 36, 2171-2199.	1.7	63

#	ARTICLE	IF	CITATIONS
1228	The crucial role of ocean-atmosphere coupling on the Indian monsoon anomalous response during dipole events. <i>Climate Dynamics</i> , 2011, 37, 1-17.	1.7	36
1229	Deficiencies and possibilities for long-lead coupled climate prediction of the Western North Pacific-East Asian summer monsoon. <i>Climate Dynamics</i> , 2011, 36, 1173-1188.	1.7	81
1230	Teleconnected influence of North Atlantic sea surface temperature on the El Niño onset. <i>Climate Dynamics</i> , 2011, 37, 663-676.	1.7	83
1231	Influence of Atlantic sea surface temperatures on persistent drought in North America. <i>Climate Dynamics</i> , 2011, 37, 569-586.	1.7	93
1232	Teleconnections between Ethiopian summer rainfall and sea surface temperature: part I—observation and modelling. <i>Climate Dynamics</i> , 2011, 37, 103-119.	1.7	120
1233	Non-stationarity of the signal and noise characteristics of seasonal precipitation anomalies. <i>Climate Dynamics</i> , 2011, 36, 739-752.	1.7	3
1234	Rossby wave dynamics of the North Pacific extra-tropical response to El Niño: importance of the basic state in coupled GCMs. <i>Climate Dynamics</i> , 2011, 37, 391-405.	1.7	28
1235	Contribution of the east-west thermal heating contrast to the South Asian Monsoon and consequences for its variability. <i>Climate Dynamics</i> , 2011, 37, 721-735.	1.7	20
1236	Sahel rainfall and decadal to multi-decadal sea surface temperature variability. <i>Climate Dynamics</i> , 2011, 37, 419-440.	1.7	233
1237	The sensitivity of the Late Saalian (140 ka) and LGM (21 ka) Eurasian ice sheets to sea surface conditions. <i>Climate Dynamics</i> , 2011, 37, 531-553.	1.7	13
1238	Influence of SST biases on future climate change projections. <i>Climate Dynamics</i> , 2011, 36, 1303-1319.	1.7	70
1239	Diagnostic metrics for evaluation of annual and diurnal cycles. <i>Climate Dynamics</i> , 2011, 37, 941-955.	1.7	79
1240	Interannual relationships between Indian Summer Monsoon and Indo-Pacific coupled modes of variability during recent decades. <i>Climate Dynamics</i> , 2011, 37, 1019-1043.	1.7	26
1241	The effect of Antarctic sea ice on the Southern Hemisphere atmosphere during the southern summer. <i>Climate Dynamics</i> , 2011, 36, 1403-1417.	1.7	39
1242	Teleconnections between Ethiopian summer rainfall and sea surface temperature: part II. Seasonal forecasting. <i>Climate Dynamics</i> , 2011, 37, 121-131.	1.7	56
1243	Forced and unforced variability of twentieth century North American droughts and pluvials. <i>Climate Dynamics</i> , 2011, 37, 1097-1110.	1.7	44
1244	Atlantic tropical cyclones in the twentieth century: natural variability and secular change in cyclone count. <i>Climate Dynamics</i> , 2011, 36, 2279-2293.	1.7	21
1245	Understanding the impact of climate change on Northern Hemisphere extra-tropical cyclones. <i>Climate Dynamics</i> , 2011, 37, 1399-1425.	1.7	42

#	ARTICLE	IF	CITATIONS
1246	Sensitivity of the tropical Pacific seasonal cycle and ENSO to changes in mean state induced by a surface heat flux adjustment in CCSM3. <i>Climate Dynamics</i> , 2011, 37, 325-341.	1.7	11
1247	Changes of interannual NAO variability in response to greenhouse gases forcing. <i>Climate Dynamics</i> , 2011, 37, 1621-1641.	1.7	42
1248	Predictable climate dynamics of abnormal East Asian winter monsoon: once-in-a-century snowstorms in 2007/2008 winter. <i>Climate Dynamics</i> , 2011, 37, 1661-1669.	1.7	92
1249	ECMWF seasonal forecast system 3 and its prediction of sea surface temperature. <i>Climate Dynamics</i> , 2011, 37, 455-471.	1.7	127
1250	An assessment of oceanic variability in the NCEP climate forecast system reanalysis. <i>Climate Dynamics</i> , 2011, 37, 2511-2539.	1.7	144
1251	Effects of time step size on the simulation of tropical climate in NCAR-CAM3. <i>Climate Dynamics</i> , 2011, 37, 689-704.	1.7	22
1252	Future changes in the East Asian rain band projected by global atmospheric models with 20-km and 60-km grid size. <i>Climate Dynamics</i> , 2011, 37, 2481-2493.	1.7	69
1253	A dampened land use change climate response towards the tropics. <i>Climate Dynamics</i> , 2011, 37, 2035-2043.	1.7	30
1254	Evaluating the potential for statistical decadal predictions of sea surface temperatures with a perfect model approach. <i>Climate Dynamics</i> , 2011, 37, 2495-2509.	1.7	51
1255	An empirical model of tropical ocean dynamics. <i>Climate Dynamics</i> , 2011, 37, 1823-1841.	1.7	82
1256	Global and regional ocean carbon uptake and climate change: sensitivity to a substantial mitigation scenario. <i>Climate Dynamics</i> , 2011, 37, 1929-1947.	1.7	74
1257	Changes in the interannual SST-forced signals on West African rainfall. AGCM intercomparison. <i>Climate Dynamics</i> , 2011, 37, 1707-1725.	1.7	59
1258	ENSO nonlinearity in a warming climate. <i>Climate Dynamics</i> , 2011, 37, 2045-2065.	1.7	19
1259	On the time-varying trend in global-mean surface temperature. <i>Climate Dynamics</i> , 2011, 37, 759.	1.7	342
1260	Interannual and interdecadal variations of the South Asian and western Pacific subtropical highs and their relationships with Asian-Pacific summer climate. <i>Meteorology and Atmospheric Physics</i> , 2011, 113, 171-180.	0.9	59
1261	Influence of convective adjustment time scale on the tropical transient activity. <i>Meteorology and Atmospheric Physics</i> , 2011, 114, 17-34.	0.9	3
1262	Projected changes in South Asian summer monsoon by multi-model global warming experiments. <i>Theoretical and Applied Climatology</i> , 2011, 103, 543-565.	1.3	66
1263	Subsurface ocean temperature indices for Central-Pacific and Eastern-Pacific types of El Niño and La Niña events. <i>Theoretical and Applied Climatology</i> , 2011, 103, 337-344.	1.3	90

#	ARTICLE	IF	CITATIONS
1264	Summer temperature variations recorded in tree-ring $\delta^{13}C$ values on the northeastern Tibetan Plateau. <i>Theoretical and Applied Climatology</i> , 2011, 105, 51-63.	1.3	19
1265	The impact of El Niño on South American summer climate during different phases of the Pacific Decadal Oscillation. <i>Theoretical and Applied Climatology</i> , 2011, 106, 307-319.	1.3	45
1266	Coral extension rates in the NW Indian Ocean I: reconstruction of 20th century SST variability and monsoon current strength. <i>Geo-Marine Letters</i> , 2011, 31, 141-154.	0.5	25
1267	The role of warm North Atlantic SST in the formation of positive height anomalies over the Ural Mountains during January 2008. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 246-256.	1.9	31
1268	Oceanic origin of a recent La Niña-like trend in the tropical Pacific. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 1109-1117.	1.9	20
1269	Relationship between East Asian winter monsoon and summer monsoon. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 1345-1356.	1.9	17
1270	Physiological tolerance predicts species composition at different scales in a barnacle guild. <i>Marine Biology</i> , 2011, 158, 2149-2160.	0.7	6
1271	Making data useful for modelers to understand complex Earth systems. <i>Earth Science Informatics</i> , 2011, 4, 197-223.	1.6	18
1272	Meteorological responses to Mt. Baekdu volcanic eruption over east asia in an offline global climate-chemistry model: A pilot study. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2011, 47, 345-351.	1.3	4
1273	Climatologic comparison of HadISST1 and TMI sea surface temperature datasets. <i>Science China Earth Sciences</i> , 2011, 54, 1238-1247.	2.3	6
1274	Global and regional climate in 2010. <i>Weather</i> , 2011, 66, 188-194.	0.6	3
1275	Bridging the gap between weather and seasonal forecasting: intraseasonal forecasting for Australia. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011, 137, 673-689.	1.0	82
1276	The Twentieth Century Reanalysis Project. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011, 137, 1-28.	1.0	2,785
1277	The temperature response to stratospheric water vapour changes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011, 137, 1070-1082.	1.0	44
1278	Air-Sea fluxes from ICOADS: the construction of a new gridded dataset with uncertainty estimates. <i>International Journal of Climatology</i> , 2011, 31, 987-1001.	1.5	89
1279	Variability in the summer season hydrological cycle over the Atlantic-Europe region 1979-2007. <i>International Journal of Climatology</i> , 2011, 31, 337-348.	1.5	19
1280	Impact of East Asian winter monsoon on rainfall over southeastern China and its dynamical process. <i>International Journal of Climatology</i> , 2011, 31, 677-686.	1.5	91
1281	ICOADS Release 2.5: extensions and enhancements to the surface marine meteorological archive. <i>International Journal of Climatology</i> , 2011, 31, 951-967.	1.5	407

#	ARTICLE	IF	CITATIONS
1282	Intercomparison of historical sea surface temperature datasets. <i>International Journal of Climatology</i> , 2011, 31, 1056-1073.	1.5	37
1283	Changes in temperature and precipitation extremes over the Indo-Pacific region from 1971 to 2005. <i>International Journal of Climatology</i> , 2011, 31, 791-801.	1.5	162
1284	Interannual variations of early summer monsoon rainfall over South China under different PDO backgrounds. <i>International Journal of Climatology</i> , 2011, 31, 847-862.	1.5	49
1285	The long-lived monsoon depressions of 2006 and their linkage with the Indian Ocean Dipole. <i>International Journal of Climatology</i> , 2011, 31, 1334-1352.	1.5	37
1286	A characterisation of climate variability and trends in hydrological extremes in the Severn Uplands. <i>International Journal of Climatology</i> , 2011, 31, 1634-1652.	1.5	24
1287	Different impacts of El Niño and El Niño Modoki on China rainfall in the decaying phases. <i>International Journal of Climatology</i> , 2011, 31, 2091-2101.	1.5	253
1288	Variability of the monthly European temperature and its association with the Atlantic sea surface temperature from interannual to multidecadal scales. <i>International Journal of Climatology</i> , 2011, 31, 2115-2140.	1.5	23
1289	El Niño/Southern Oscillation behaviour since 1871 as diagnosed in an extended multivariate ENSO index (MEI.ext). <i>International Journal of Climatology</i> , 2011, 31, 1074-1087.	1.5	850
1290	Statistical inference in Lombard's smooth change model. <i>Environmetrics</i> , 2011, 22, 882-893.	0.6	41
1291	Changes in hydrology and sediment delivery of the Mekong River in the last 50 years: connection to damming, monsoon, and ENSO. <i>Earth Surface Processes and Landforms</i> , 2011, 36, 296-308.	1.2	128
1292	Equatorial upper-ocean dynamics and their interaction with the West African monsoon. <i>Atmospheric Science Letters</i> , 2011, 12, 24-30.	0.8	63
1293	Might dimming the sun change atmospheric ENSO teleconnections as we know them?. <i>Atmospheric Science Letters</i> , 2011, 12, 184-188.	0.8	13
1294	Australian water mass variations from GRACE data linked to Indo-Pacific climate variability. <i>Remote Sensing of Environment</i> , 2011, 115, 2175-2183.	4.6	51
1295	Tracking the Atlantic Multidecadal Oscillation through the last 8,000 years. <i>Nature Communications</i> , 2011, 2, 178.	5.8	291
1296	Phase Synchronization of the El Niño-Southern Oscillation with the Annual Cycle. <i>Physical Review Letters</i> , 2011, 107, 128501.	2.9	55
1297	Momentary information transfer as a coupling measure of time series. <i>Physical Review E</i> , 2011, 83, 051122.	0.8	82
1298	Reduced Interannual Rainfall Variability in East Africa During the Last Ice Age. <i>Science</i> , 2011, 333, 743-747.	6.0	146
1299	Lack of Consistency between Modeled and Observed Temperature Trends. <i>Energy and Environment</i> , 2011, 22, 375-406.	2.7	7

#	ARTICLE	IF	CITATIONS
1300	Contribution of the Autumn Tibetan Plateau Snow Cover to Seasonal Prediction of North American Winter Temperature. <i>Journal of Climate</i> , 2011, 24, 2801-2813.	1.2	111
1301	Interactions of ENSO, the IOD, and the SAM in CMIP3 Models. <i>Journal of Climate</i> , 2011, 24, 1688-1704.	1.2	88
1302	Teleconnection Pathways of ENSO and the IOD and the Mechanisms for Impacts on Australian Rainfall. <i>Journal of Climate</i> , 2011, 24, 3910-3923.	1.2	351
1303	Multi-decadal modulation of the El Niño-Indian monsoon relationship by Indian Ocean variability. <i>Environmental Research Letters</i> , 2011, 6, 034006.	2.2	79
1304	MADE-in: a new aerosol microphysics submodel for global simulation of insoluble particles and their mixing state. <i>Geoscientific Model Development</i> , 2011, 4, 325-355.	1.3	61
1305	A new version of the CNRM Chemistry-Climate Model, CNRM-CCM: description and improvements from the CCMVal-2 simulations. <i>Geoscientific Model Development</i> , 2011, 4, 873-900.	1.3	26
1307	The Contribution of Indian Ocean Sea Surface Temperature Anomalies on Australian Summer Rainfall during El Niño Events. <i>Journal of Climate</i> , 2011, 24, 3734-3747.	1.2	74
1308	Design and implementation of the infrastructure of HadGEM3: the next-generation Met Office climate modelling system. <i>Geoscientific Model Development</i> , 2011, 4, 223-253.	1.3	371
1309	Distinguishing the Roles of Natural and Anthropogenically Forced Decadal Climate Variability. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 141-156.	1.7	125
1310	Sulfate Aerosol Control of Tropical Atlantic Climate over the Twentieth Century. <i>Journal of Climate</i> , 2011, 24, 2540-2555.	1.2	114
1311	The Oscillation between Tropical Indian Ocean and North Pacific: Evidence and Possible Impact on Winter Climate in China. <i>Atmospheric and Oceanic Science Letters</i> , 2011, 4, 57-63.	0.5	2
1312	Persistence and Inherent Predictability of Arctic Sea Ice in a GCM Ensemble and Observations. <i>Journal of Climate</i> , 2011, 24, 231-250.	1.2	218
1313	El Niño in the Pliocene. <i>Nature Geoscience</i> , 2011, 4, 502-503.	5.4	4
1314	Reversed Spatial Asymmetries between El Niño and La Niña and Their Linkage to Decadal ENSO Modulation in CMIP3 Models. <i>Journal of Climate</i> , 2011, 24, 5423-5434.	1.2	35
1315	Influence of African dust on ocean-atmosphere variability in the tropical Atlantic. <i>Nature Geoscience</i> , 2011, 4, 762-765.	5.4	97
1316	The SST Multidecadal Variability in the Atlantic-Mediterranean Region and Its Relation to AMO. <i>Journal of Climate</i> , 2011, 24, 4385-4401.	1.2	89
1317	HOW NATURAL IS THE RECENT CENTENNIAL WARMING? AN ANALYSIS OF 2249 SURFACE TEMPERATURE RECORDS. <i>International Journal of Modern Physics C</i> , 2011, 22, 1139-1159.	0.8	7
1318	Variations in Cloud Cover and Cloud Types over the Ocean from Surface Observations, 1954-2008. <i>Journal of Climate</i> , 2011, 24, 5914-5934.	1.2	128

#	ARTICLE	IF	CITATIONS
1319	Seasonal Prediction of Air Temperature Associated with the Growing-Season Start of Warm-Season Crops across Canada. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 1637-1649.	0.6	5
1320	Prospects for Improving Subseasonal Predictions. <i>Monthly Weather Review</i> , 2011, 139, 3648-3666.	0.5	37
1321	Statisticalâ€“Dynamical Predictions of Seasonal North Atlantic Hurricane Activity. <i>Monthly Weather Review</i> , 2011, 139, 1070-1082.	0.5	128
1322	Tropical Cyclone Count Forecasting Using a Dynamical Seasonal Prediction System: Sensitivity to Improved Ocean Initialization. <i>Journal of Climate</i> , 2011, 24, 2963-2982.	1.2	19
1323	El NiÃ±oâ€™s Southern Oscillation in Tropical and Midlatitude Column Ozone. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 1911-1921.	0.6	14
1324	A Reconstruction of Maddenâ€™s Julian Oscillation Variability from 1905 to 2008. <i>Journal of Climate</i> , 2011, 25, 1996-2019.	1.2	46
1325	Indian and Pacific Ocean Influences on Southeast Australian Drought and Soil Moisture. <i>Journal of Climate</i> , 2011, 24, 1313-1336.	1.2	139
1326	Origins and Levels of Seasonal Forecast Skill for Sea Ice in Hudson Bay Using Canonical Correlation Analysis. <i>Journal of Climate</i> , 2011, 24, 1378-1395.	1.2	22
1327	The Role of Linear Interference in the Annular Mode Response to Tropical SST Forcing. <i>Journal of Climate</i> , 2011, 24, 778-794.	1.2	115
1328	Evaluation of the South Pacific Convergence Zone in IPCC AR4 Climate Model Simulations of the Twentieth Century. <i>Journal of Climate</i> , 2011, 24, 1565-1582.	1.2	70
1329	The Effect of Explosive Tropical Volcanism on ENSO. <i>Journal of Climate</i> , 2011, 24, 2178-2191.	1.2	109
1330	Dominant Mode of Climate Variability, Intermodel Diversity, and Projected Future Changes over the Summertime Western North Pacific Simulated in the CMIP3 Models. <i>Journal of Climate</i> , 2011, 24, 3935-3955.	1.2	32
1331	Future Change in Extratropical Cyclones Associated with Change in the Upper Troposphere. <i>Journal of Climate</i> , 2011, 24, 6456-6470.	1.2	51
1332	Dynamic and Thermodynamic Airâ€™s Sea Coupling Associated with the Indian Ocean Dipole Diagnosed from 23 WCRP CMIP3 Models*. <i>Journal of Climate</i> , 2011, 24, 4941-4958.	1.2	64
1333	The HadGEM2 family of Met Office Unified Model climate configurations. <i>Geoscientific Model Development</i> , 2011, 4, 723-757.	1.3	765
1334	Rainfall Response in Northeast Brazil from Ocean Climate Variability during the Second Half of the Twentieth Century. <i>Journal of Climate</i> , 2011, 24, 6174-6184.	1.2	25
1335	Do Climate Models Capture the Tropical Influences on North Pacific Sea Surface Temperature Variability?. <i>Journal of Climate</i> , 2011, 24, 6203-6209.	1.2	16
1336	Parameterization of Riming Intensity and Its Impact on Ice Fall Speed Using ARM Data. <i>Monthly Weather Review</i> , 2011, 139, 1036-1047.	0.5	36

#	ARTICLE	IF	CITATIONS
1337	The Atmosphere-Ocean General Circulation Model EMAC-MPIOM. <i>Geoscientific Model Development</i> , 2011, 4, 771-784.	1.3	22
1338	A Climatology of Arabian Sea Cyclonic Storms. <i>Journal of Climate</i> , 2011, 24, 140-158.	1.2	150
1339	The Caribbean Low-Level Jet and Its Relationship with Precipitation in IPCC AR4 Models. <i>Journal of Climate</i> , 2011, 24, 5935-5950.	1.2	49
1340	Ocean Heat Transport as a Cause for Model Uncertainty in Projected Arctic Warming. <i>Journal of Climate</i> , 2011, 24, 1451-1460.	1.2	76
1341	Does the South American Monsoon Influence African Rainfall?. <i>Journal of Climate</i> , 2011, 24, 1226-1238.	1.2	11
1342	Influence of Global-Scale Variability on the Subtropical Ridge over Southeast Australia. <i>Journal of Climate</i> , 2011, 24, 6035-6053.	1.2	43
1343	The Vertical Structures of Atmospheric Temperature Anomalies Associated with Two Flavors of El Niño Simulated by AMIP II Models. <i>Journal of Climate</i> , 2011, 24, 1053-1070.	1.2	26
1344	On the Causes and Dynamics of the Early Twentieth-Century North American Pluvial. <i>Journal of Climate</i> , 2011, 24, 5043-5060.	1.2	46
1345	An Assessment of the Uncertainties in Ocean Surface Turbulent Fluxes in 11 Reanalysis, Satellite-Derived, and Combined Global Datasets. <i>Journal of Climate</i> , 2011, 24, 5469-5493.	1.2	105
1346	Are Anthropogenic Aerosols Responsible for the Northwest Australia Summer Rainfall Increase? A CMIP3 Perspective and Implications. <i>Journal of Climate</i> , 2011, 24, 2556-2564.	1.2	16
1347	Regime Change of the Boreal Summer Hadley Circulation and Its Connection with the Tropical SST. <i>Journal of Climate</i> , 2011, 24, 3867-3877.	1.2	63
1348	Impact of the Ocean Mixed Layer Diurnal Variations on the Intraseasonal Variability of Sea Surface Temperatures in the Atlantic Ocean*. <i>Journal of Climate</i> , 2011, 24, 2889-2914.	1.2	11
1349	Vegetation Dynamics Enhancing Long-Term Climate Variability Confirmed by Two Models. <i>Journal of Climate</i> , 2011, 24, 2238-2257.	1.2	32
1350	Dynamics of the Lower Stratospheric Circulation Response to ENSO. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 2537-2556.	0.6	29
1351	Seasonally Modulated Tropical Drought Induced by Volcanic Aerosol. <i>Journal of Climate</i> , 2011, 24, 2045-2060.	1.2	62
1352	Links between the Southern Annular Mode and the Atlantic Meridional Overturning Circulation in a Climate Model. <i>Journal of Climate</i> , 2011, 24, 624-640.	1.2	23
1353	Understanding ENSO Regime Behavior upon an Increase in the Warm-Pool Temperature Using a Simple ENSO Model. <i>Journal of Climate</i> , 2011, 24, 1438-1450.	1.2	13
1354	Future Change of Western North Pacific Typhoons: Projections by a 20-km-Mesh Global Atmospheric Model*. <i>Journal of Climate</i> , 2011, 24, 1154-1169.	1.2	187

#	ARTICLE	IF	CITATIONS
1355	Coupled Ocean-Atmosphere Responses to Recent Freshwater Flux Changes over the Kuroshio-Oyashio Extension Region. <i>Journal of Climate</i> , 2011, 24, 1507-1524.	1.2	13
1356	Coupled Aerosol-Chemistry-Climate Twentieth-Century Transient Model Investigation: Trends in Short-Lived Species and Climate Responses. <i>Journal of Climate</i> , 2011, 24, 2693-2714.	1.2	98
1357	On the Growth and Decay of the Subtropical Dipole Mode in the South Atlantic. <i>Journal of Climate</i> , 2011, 24, 5538-5554.	1.2	71
1358	Dynamics of Interannual Variability in Summer Precipitation over East Asia*. <i>Journal of Climate</i> , 2011, 24, 5435-5453.	1.2	161
1359	Effects of Tropical Cyclones on Ocean Heat Transport in a High-Resolution Coupled General Circulation Model. <i>Journal of Climate</i> , 2011, 24, 4368-4384.	1.2	296
1360	A Bayesian Forecast Model of Australian Region Tropical Cyclone Formation. <i>Journal of Climate</i> , 2011, 24, 6114-6131.	1.2	24
1362	Influence of the South Atlantic Ocean Dipole on West African Summer Precipitation. <i>Journal of Climate</i> , 2011, 24, 1184-1197.	1.2	61
1363	Response of the Antarctic Stratosphere to Two Types of El Niño Events. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 812-822.	0.6	58
1364	The Dynamical Core, Physical Parameterizations, and Basic Simulation Characteristics of the Atmospheric Component AM3 of the GFDL Global Coupled Model CM3. <i>Journal of Climate</i> , 2011, 24, 3484-3519.	1.2	887
1365	The Mechanical Energies of the Global Atmosphere in El Niño and La Niña Years. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 3072-3078.	0.6	8
1366	Seasonal Relationships between Large-Scale Climate Variability and Antarctic Sea Ice Concentration. <i>Journal of Climate</i> , 2012, 25, 5451-5469.	1.2	127
1367	The 1960s Drought and the Subsequent Shift to a Wetter Climate in the Catskill Mountains Region of the New York City Watershed*. <i>Journal of Climate</i> , 2012, 25, 6721-6742.	1.2	67
1368	Asian Origin of Interannual Variations of Summer Climate over the Extratropical North Atlantic Ocean. <i>Journal of Climate</i> , 2012, 25, 6594-6609.	1.2	38
1369	Possible Influences of ENSO on Winter Shipping in the North Pacific. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2012, 23, 397.	0.3	1
1370	Impact of sea ice cover changes on the Northern Hemisphere atmospheric winter circulation. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 64, 11595.	0.8	224
1371	Mid-Pliocene climate modelled using the UK Hadley Centre Model: PlioMIP Experiments 1 and 2. <i>Geoscientific Model Development</i> , 2012, 5, 1109-1125.	1.3	62
1374	Comparison of the Northwestern Pacific Summer Climate Simulated by AMIP II AGCMs. <i>Journal of Climate</i> , 2012, 25, 6036-6056.	1.2	14
1375	Global Ocean Surface Wave Simulation Using a Coupled Atmosphere-Wave Model. <i>Journal of Climate</i> , 2012, 25, 6233-6252.	1.2	94

#	ARTICLE	IF	CITATIONS
1376	The Relationship between Tropical Warm Pool Precipitation, Sea Surface Temperature, and Large-Scale Vertical Motion in IPCC AR4 Models. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 185-194.	0.6	14
1377	Analysis of the Atlantic Meridional Mode Using Linear Inverse Modeling: Seasonality and Regional Influences. <i>Journal of Climate</i> , 2012, 25, 1194-1212.	1.2	32
1378	Eurasian Subarctic Summer Climate in Response to Anomalous Snow Cover. <i>Journal of Climate</i> , 2012, 25, 1305-1317.	1.2	47
1379	Different Types of ENSO Influences on the Indian Summer Monsoon Variability. <i>Journal of Climate</i> , 2012, 25, 903-920.	1.2	60
1380	A Mechanisms-Based Approach to Detecting Recent Anthropogenic Hydroclimate Change*. <i>Journal of Climate</i> , 2012, 25, 236-261.	1.2	41
1381	Will Global Warming Suppress North Atlantic Tripole Decadal Variability?. <i>Journal of Climate</i> , 2012, 25, 2040-2055.	1.2	8
1382	The Role of Sea Ice Thickness Distribution in the Arctic Sea Ice Potential Predictability: A Diagnostic Approach with a Coupled GCM. <i>Journal of Climate</i> , 2012, 25, 3025-3038.	1.2	99
1383	Interannual Variations of Wind Regimes off the Subtropical Western Australia Coast during Austral Winter and Spring. <i>Journal of Climate</i> , 2012, 25, 5587-5599.	1.2	4
1384	Cloud Simulations in Response to Turbulence Parameterizations in the GISS Model E GCM. <i>Journal of Climate</i> , 2012, 25, 4963-4974.	1.2	25
1385	Different El Niño Types and Tropical Cyclone Landfall in East Asia. <i>Journal of Climate</i> , 2012, 25, 6510-6523.	1.2	93
1386	Two Tales of Initializing Decadal Climate Prediction Experiments with the ECHAM5/MPI-OM Model. <i>Journal of Climate</i> , 2012, 25, 8502-8523.	1.2	139
1387	2010 Western North Pacific Typhoon Season: Seasonal Overview and Forecast Using a Track-Pattern-Based Model. <i>Weather and Forecasting</i> , 2012, 27, 730-743.	0.5	20
1388	Limitations of Seasonal Predictability for Summer Climate over East Asia and the Northwestern Pacific. <i>Journal of Climate</i> , 2012, 25, 7574-7589.	1.2	150
1389	North Australian Sea Surface Temperatures and the El Niño–Southern Oscillation in Observations and Models. <i>Journal of Climate</i> , 2012, 25, 5011-5029.	1.2	19
1390	Warming of Western North Pacific Ocean and Energetics of Transient Eddy Activity. <i>Monthly Weather Review</i> , 2012, 140, 2860-2873.	0.5	11
1391	Reproducibility by Climate Models of Cloud Radiative Forcing Associated with Tropical Convection. <i>Journal of Climate</i> , 2012, 25, 1247-1262.	1.2	12
1392	Role of the Indian Ocean in the ENSO–Indian Summer Monsoon Teleconnection in the NCEP Climate Forecast System. <i>Journal of Climate</i> , 2012, 25, 2490-2508.	1.2	59
1393	Comparing Twentieth- and Twenty-First-Century Patterns of Interannual Precipitation Variability over the Western United States and Northern Mexico*. <i>Journal of Hydrometeorology</i> , 2012, 13, 366-378.	0.7	9

#	ARTICLE	IF	CITATIONS
1394	NOAA's Merged Landâ€“Ocean Surface Temperature Analysis. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 1677-1685.	1.7	205
1395	Seasonal Evolutions of Atmospheric Response to Decadal SST Anomalies in the North Pacific Subarctic Frontal Zone: Observations and a Coupled Model Simulation. <i>Journal of Climate</i> , 2012, 25, 111-139.	1.2	147
1396	Sources of Spread in Multimodel Projections of the Greenland Ice Sheet Surface Mass Balance. <i>Journal of Climate</i> , 2012, 25, 1157-1175.	1.2	27
1397	Simulated Interannual Variations of Freshwater Content and Sea Surface Height in the Beaufort Sea*. <i>Journal of Climate</i> , 2012, 25, 1079-1095.	1.2	18
1398	Monsoon Regimes and Processes in CCSM4. Part I: The Asianâ€“Australian Monsoon. <i>Journal of Climate</i> , 2012, 25, 2583-2608.	1.2	57
1399	Influence of Mean Flow on the ENSOâ€“Vertical Wind Shear Relationship over the Northern Tropical Atlantic. <i>Journal of Climate</i> , 2012, 25, 858-864.	1.2	13
1400	Forecast Skill and Predictability of Observed Atlantic Sea Surface Temperatures. <i>Journal of Climate</i> , 2012, 25, 5047-5056.	1.2	43
1401	The Effect of a Well-Resolved Stratosphere on Surface Climate: Differences between CMIP5 Simulations with High and Low Top Versions of the Met Office Climate Model. <i>Journal of Climate</i> , 2012, 25, 7083-7099.	1.2	53
1402	Physical Response of the Tropicalâ€“Subtropical North Atlantic Ocean to Decadalâ€“Multidecadal Forcing by African Dust. <i>Journal of Climate</i> , 2012, 25, 5817-5829.	1.2	17
1403	Daily, Global, High-Resolution SST and Sea Ice Reanalysis for 1985â€“2007 Using the OSTIA System. <i>Journal of Climate</i> , 2012, 25, 6215-6232.	1.2	90
1404	Impact of Tropical SST on Stratospheric Planetary Waves in the Southern Hemisphere. <i>Journal of Climate</i> , 2012, 25, 5030-5046.	1.2	36
1405	A simple approach to providing a more consistent Arctic sea ice extent time series from the 1950s to present. <i>Cryosphere</i> , 2012, 6, 1359-1368.	1.5	36
1406	Climate Modelâ€“Simulated Diurnal Cycles in HIRS Clear-Sky Brightness Temperatures. <i>Journal of Climate</i> , 2012, 25, 5845-5863.	1.2	8
1407	Coordinated Abrupt Weakening of the Eurasian and North African Monsoons in the 1960s and Links to Extratropical North Atlantic Cooling. <i>Journal of Climate</i> , 2012, 25, 3532-3548.	1.2	44
1408	Energetics of the Tropical Atlantic Zonal Mode. <i>Journal of Climate</i> , 2012, 25, 7442-7466.	1.2	32
1409	Decadalâ€“Interdecadal Climate Variability over Antarctica and Linkages to the Tropics: Analysis of Ice Core, Instrumental, and Tropical Proxy Data. <i>Journal of Climate</i> , 2012, 25, 7421-7441.	1.2	44
1410	TC-Permitting GCM Simulations of Hurricane Frequency Response to Sea Surface Temperature Anomalies Projected for the Late-Twenty-First Century. <i>Journal of Climate</i> , 2012, 25, 2995-3009.	1.2	106
1411	Two Distinct Modes of Tropical Indian Ocean Precipitation in Boreal Winter and Their Impacts on Equatorial Western Pacific*. <i>Journal of Climate</i> , 2012, 25, 921-938.	1.2	20

#	ARTICLE	IF	CITATIONS
1412	The Effect of the South Pacific Convergence Zone on the Termination of El Niño Events and the Meridional Asymmetry of ENSO*. <i>Journal of Climate</i> , 2012, 25, 5566-5586.	1.2	117
1413	Subtropical Dipole Modes Simulated in a Coupled General Circulation Model. <i>Journal of Climate</i> , 2012, 25, 4029-4047.	1.2	54
1414	Some Counterintuitive Dependencies of Tropical Cyclone Frequency on Parameters in a GCM. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2272-2283.	0.6	107
1415	Antarctic Sea Ice Climatology, Variability, and Late Twentieth-Century Change in CCSM4. <i>Journal of Climate</i> , 2012, 25, 4817-4838.	1.2	54
1416	The impact of a seasonally ice free Arctic Ocean on the temperature, precipitation and surface mass balance of Svalbard. <i>Cryosphere</i> , 2012, 6, 35-50.	1.5	25
1417	Stable water isotopes of precipitation and firn cores from the northern Antarctic Peninsula region as a proxy for climate reconstruction. <i>Cryosphere</i> , 2012, 6, 313-330.	1.5	23
1420	Limitations of a coupled regional climate model in the reproduction of the observed Arctic sea-ice retreat. <i>Cryosphere</i> , 2012, 6, 985-998.	1.5	18
1421	The early twentieth century warming and winter Arctic sea ice. <i>Cryosphere</i> , 2012, 6, 1231-1237.	1.5	43
1423	Multiproxy record of abrupt sea-surface cooling across the Eocene-Oligocene transition in the Gulf of Mexico. <i>Geology</i> , 2012, 40, 159-162.	2.0	78
1424	Growth of Western Australian Corals in the Anthropocene. <i>Science</i> , 2012, 335, 593-596.	6.0	130
1425	Recent warming in Greenland in a long-term instrumental (1881–2012) climatic context: I. Evaluation of surface air temperature records. <i>Environmental Research Letters</i> , 2012, 7, 045404.	2.2	135
1426	Contribution of Tibetan Plateau Snow Cover to the Extreme Winter Conditions of 2009/10. <i>Atmosphere - Ocean</i> , 2012, 50, 86-94.	0.6	39
1427	An Asymmetry in the IOD and ENSO Teleconnection Pathway and Its Impact on Australian Climate. <i>Journal of Climate</i> , 2012, 25, 6318-6329.	1.2	118
1428	Extreme winds at northern mid-latitudes since 1871. <i>Meteorologische Zeitschrift</i> , 2012, 21, 13-27.	0.5	53
1429	Sea surface temperature variability in the southwest tropical Pacific since AD 1649. <i>Nature Climate Change</i> , 2012, 2, 799-804.	8.1	69
1430	Interdecadal Variations in ENSO Teleconnection to the Indo-Western Pacific for 1870–2007. <i>Journal of Climate</i> , 2012, 25, 1722-1744.	1.2	115
1431	Permafrost thawing inferred from Arctic lake sediment of the Taimyr Peninsula, East Siberia, Russia. <i>International Journal of Environmental Studies</i> , 2012, 69, 7-19.	0.7	2
1432	Changes in the Tropical Pacific SST Trend from CMIP3 to CMIP5 and Its Implication of ENSO. <i>Journal of Climate</i> , 2012, 25, 7764-7771.	1.2	77

#	ARTICLE	IF	CITATIONS
1433	Reconciling disparate twentieth-century Indo-Pacific ocean temperature trends in the instrumental record. <i>Nature Climate Change</i> , 2012, 2, 691-699.	8.1	154
1434	Arctic warming, increasing snow cover and widespread boreal winter cooling. <i>Environmental Research Letters</i> , 2012, 7, 014007.	2.2	402
1435	Improvement in simulation of Eurasian winter climate variability with a realistic Arctic sea ice condition in an atmospheric GCM. <i>Environmental Research Letters</i> , 2012, 7, 044041.	2.2	8
1436	Effect of different types of El Niño on primary productivity in the South China Sea. <i>Aquatic Ecosystem Health and Management</i> , 2012, 15, 135-143.	0.3	8
1438	Set-up and preliminary results of mid-Pliocene climate simulations with CAM3.1. <i>Geoscientific Model Development</i> , 2012, 5, 289-297.	1.3	22
1440	Discrepancies in tropical upper tropospheric warming between atmospheric circulation models and satellites. <i>Environmental Research Letters</i> , 2012, 7, 044018.	2.2	60
1441	Seasonal forecasts of northern hemisphere winter 2009/10. <i>Environmental Research Letters</i> , 2012, 7, 034031.	2.2	74
1442	Sources of multi-decadal variability in Arctic sea ice extent. <i>Environmental Research Letters</i> , 2012, 7, 034011.	2.2	133
1443	Intraseasonal Tropical Atmospheric Variability Associated with the Two Flavors of El Niño. <i>Monthly Weather Review</i> , 2012, 140, 3669-3681.	0.5	70
1444	Preliminary Evaluation of Cloud Fraction Simulations by GAMIL2 Using COSP. <i>Atmospheric and Oceanic Science Letters</i> , 2012, 5, 258-263.	0.5	8
1445	Projected Changes in Asian Summer Monsoon in RCP Scenarios of CMIP5. <i>Atmospheric and Oceanic Science Letters</i> , 2012, 5, 43-48.	0.5	27
1446	Oceanographers' contribution to climate modelling and prediction: progress to date and a future perspective. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 5656-5681.	1.6	5
1447	Ozone highs and associated flow features in the first half of the twentieth century in different data sets. <i>Meteorologische Zeitschrift</i> , 2012, 21, 49-59.	0.5	11
1448	Bromine and iodine chemistry in a global chemistry-climate model: description and evaluation of very short-lived oceanic sources. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1423-1447.	1.9	193
1449	Estimating the climate significance of halogen-driven ozone loss in the tropical marine troposphere. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3939-3949.	1.9	157
1450	The distribution of snow black carbon observed in the Arctic and compared to the GISS-PUCCINI model. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7995-8007.	1.9	28
1451	A Tropospheric Emission Spectrometer HDO/H ₂ O retrieval simulator for climate models. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 10485-10504.	1.9	9
1452	Climatic effects of 1950–2050 changes in US anthropogenic aerosols – Part 1: Aerosol trends and radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3333-3348.	1.9	157

#	ARTICLE	IF	CITATIONS
1453	Aerosol- and greenhouse gas-induced changes in summer rainfall and circulation in the Australasian region: a study using single-forcing climate simulations. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 6377-6404.	1.9	227
1454	Climatic effects of 1950–2050 changes in US anthropogenic aerosols – Part 2: Climate response. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3349-3362.	1.9	136
1455	Middle atmosphere response to different descriptions of the 11-yr solar cycle in spectral irradiance in a chemistry-climate model. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5937-5948.	1.9	37
1456	Change of the Relationship Between the Spring NAO and East Asian Summer Monsoon and Its Possible Mechanism. <i>Chinese Journal of Geophysics</i> , 2012, 55, 23-34.	0.2	26
1457	Causes for decadal variations of wind speed over land: Sensitivity studies with a global climate model. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	101
1458	The impact of the El Niño–Southern Oscillation on maximum temperature extremes. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	83
1459	Observed recent trends in tropical cyclone rainfall over the North Atlantic and the North Pacific. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	42
1460	Rainfall and temperature scenario for Bangladesh using 20-km mesh AGCM. <i>International Journal of Climate Change Strategies and Management</i> , 2012, 4, 66-80.	1.5	14
1461	Uncertainty in the ENSO amplitude change from the past to the future. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	64
1462	Improvements in the CMIP5 simulations of ENSO–STA meridional width. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	38
1463	Future Changes in Tropical Cyclone Activity Projected by the New High-Resolution MRI-AGCM. <i>Journal of Climate</i> , 2012, 25, 3237-3260.	1.2	342
1464	Global Seaweed Biogeography Under a Changing Climate: The Prospected Effects of Temperature. <i>Ecological Studies</i> , 2012, , 383-406.	0.4	48
1465	On the Observed Trends and Changes in Global Sea Surface Temperature and Air–Sea Heat Fluxes (1984–2006). <i>Journal of Climate</i> , 2012, 25, 6123-6135.	1.2	29
1466	Dynamics of Interdecadal Climate Variability: A Historical Perspective*. <i>Journal of Climate</i> , 2012, 25, 1963-1995.	1.2	204
1467	ENSO and Pacific Decadal Variability in the Community Climate System Model Version 4. <i>Journal of Climate</i> , 2012, 25, 2622-2651.	1.2	293
1468	Long Time-Scale Teleconnection Patterns in the Northern Atlantic and Pacific. <i>Journal of Climate</i> , 2012, 25, 414-422.	1.2	0
1469	Contrasting Patterns of Coral Bleaching Susceptibility in 2010 Suggest an Adaptive Response to Thermal Stress. <i>PLoS ONE</i> , 2012, 7, e33353.	1.1	409
1470	Coral Bleaching and Mortality Thresholds in the SE Gulf: Highest in the World. <i>Coral Reefs of the World</i> , 2012, , 95-105.	0.3	34

#	ARTICLE	IF	CITATIONS
1471	A Pacific Centennial Oscillation Predicted by Coupled GCMs*. Journal of Climate, 2012, 25, 5943-5961.	1.2	41
1472	Decadal changes in the relationship between the tropical Pacific and the North Pacific. Journal of Geophysical Research, 2012, 117, .	3.3	16
1473	Summer Land-Atmosphere Coupling Strength in the United States: Comparison among Observations, Reanalysis Data, and Numerical Models. Journal of Hydrometeorology, 2012, 13, 1010-1022.	0.7	64
1474	North Australian Sea Surface Temperatures and the El Niño Southern Oscillation in the CMIP5 Models. Journal of Climate, 2012, 25, 6375-6382.	1.2	6
1475	Different Evolutions of the Philippine Sea Anticyclone between the Eastern and Central Pacific El Niño: Possible Effects of Indian Ocean SST. Journal of Climate, 2012, 25, 7867-7883.	1.2	88
1476	Climate Drift in the CMIP3 Models. Journal of Climate, 2012, 25, 4621-4640.	1.2	72
1477	Impacts of Different Types of El Niño on the East Asian Climate: Focus on ENSO Cycles. Journal of Climate, 2012, 25, 7702-7722.	1.2	198
1478	The Role of Barents Sea Ice in the Wintertime Cyclone Track and Emergence of a Warm-Arctic Cold-Siberian Anomaly. Journal of Climate, 2012, 25, 2561-2568.	1.2	292
1480	Interdecadal Change of the South China Sea Summer Monsoon Onset. Journal of Climate, 2012, 25, 3207-3218.	1.2	164
1481	Consistent near-surface ocean warming since 1900 in two largely independent observing networks. Geophysical Research Letters, 2012, 39, .	1.5	25
1482	What controls primary production in the Arctic Ocean? Results from an intercomparison of five general circulation models with biogeochemistry. Journal of Geophysical Research, 2012, 117, .	3.3	117
1483	Beaked whale strandings on the Falkland Islands and South Georgia, South Atlantic Ocean, between 1866 and 2008. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 1851-1864.	0.4	8
1484	Climate extremes and climate change: The Russian heat wave and other climate extremes of 2010. Journal of Geophysical Research, 2012, 117, .	3.3	284
1485	Seasonal evolution of dominant modes in south pacific SST and relationship with ENSO. Advances in Atmospheric Sciences, 2012, 29, 1238-1248.	1.9	8
1486	Relationship between ENSO and winter rainfall over Southeast China and its decadal variability. Advances in Atmospheric Sciences, 2012, 29, 1129-1141.	1.9	39
1487	Summer persistence barrier of sea surface temperature anomalies in the central western north pacific. Advances in Atmospheric Sciences, 2012, 29, 1159-1173.	1.9	12
1488	Recent and future sea surface temperature trends in tropical pacific warm pool and cold tongue regions. Climate Dynamics, 2012, 39, 1373-1383.	1.7	51
1489	IOD influence on the early winter tibetan plateau snow cover: diagnostic analyses and an AGCM simulation. Climate Dynamics, 2012, 39, 1643-1660.	1.7	34

#	ARTICLE	IF	CITATIONS
1490	Future changes in tropical cyclone activity projected by multi-physics and multi-SST ensemble experiments using the 60-km-mesh MRI-AGCM. <i>Climate Dynamics</i> , 2012, 39, 2569-2584.	1.7	174
1491	EC-Earth V2.2: description and validation of a new seamless earth system prediction model. <i>Climate Dynamics</i> , 2012, 39, 2611-2629.	1.7	511
1492	Marine proxy evidence linking decadal North Pacific and Atlantic climate. <i>Climate Dynamics</i> , 2012, 39, 1447-1455.	1.7	22
1493	The role of the intra-daily SST variability in the Indian monsoon variability and monsoon-ENSO-“IOD relationships in a global coupled model. <i>Climate Dynamics</i> , 2012, 39, 729-754.	1.7	42
1494	Linkages between the North Pacific Oscillation and central tropical Pacific SSTs at low frequencies. <i>Climate Dynamics</i> , 2012, 39, 2833-2846.	1.7	91
1495	Impact of intra-daily SST variability on ENSO characteristics in a coupled model. <i>Climate Dynamics</i> , 2012, 39, 681-707.	1.7	117
1496	The effect of Arabian Sea optical properties on SST biases and the South Asian summer monsoon in a coupled GCM. <i>Climate Dynamics</i> , 2012, 39, 811-826.	1.7	25
1497	Low-frequency modulation of the Atlantic warm pool by the Atlantic multidecadal oscillation. <i>Climate Dynamics</i> , 2012, 39, 1661-1671.	1.7	12
1498	The Indian Ocean subtropical dipole mode simulated in the CMIP3 models. <i>Climate Dynamics</i> , 2012, 39, 1385-1399.	1.7	15
1499	Sensitivity of decadal predictions to the initial atmospheric and oceanic perturbations. <i>Climate Dynamics</i> , 2012, 39, 2013-2023.	1.7	57
1500	Global response to solar radiation absorbed by phytoplankton in a coupled climate model. <i>Climate Dynamics</i> , 2012, 39, 1951-1968.	1.7	33
1501	Revisiting Asian monsoon formation and change associated with Tibetan Plateau forcing: II. Change. <i>Climate Dynamics</i> , 2012, 39, 1183-1195.	1.7	116
1502	Boreal summer continental monsoon rainfall and hydroclimate anomalies associated with the Asian-Pacific Oscillation. <i>Climate Dynamics</i> , 2012, 39, 1197-1207.	1.7	44
1503	The impact of Arctic sea ice on the Arctic energy budget and on the climate of the Northern mid-latitudes. <i>Climate Dynamics</i> , 2012, 39, 2675-2694.	1.7	25
1504	The interannual precipitation variability in the southern part of Iran as linked to large-scale climate modes. <i>Climate Dynamics</i> , 2012, 39, 2329-2341.	1.7	34
1505	The response of the North Pacific Decadal Variability to strong tropical volcanic eruptions. <i>Climate Dynamics</i> , 2012, 39, 2917-2936.	1.7	60
1506	Stochastic control of Indian megadroughts and megafloods. <i>Climate Dynamics</i> , 2012, 39, 1801-1821.	1.7	5
1508	The Western Mediterranean summer variability and its feedbacks. <i>Climate Dynamics</i> , 2012, 39, 3103-3120.	1.7	4

#	ARTICLE	IF	CITATIONS
1509	Seasonal climate information preserved in West Antarctic ice core water isotopes: relationships to temperature, large-scale circulation, and sea ice. <i>Climate Dynamics</i> , 2012, 39, 1841-1857.	1.7	54
1510	Impact of the configuration of stretching and ocean-atmosphere coupling on tropical cyclone activity in the variable-resolution GCM ARPEGE. <i>Climate Dynamics</i> , 2012, 39, 2343-2359.	1.7	9
1511	Improve the prediction of summer precipitation in the Southeastern China by a hybrid statistical downscaling model. <i>Meteorology and Atmospheric Physics</i> , 2012, 117, 121-134.	0.9	18
1512	Global warming and rainfall oscillation in the 5-10 yr band in Western Europe and Eastern North America. <i>Climatic Change</i> , 2012, 114, 621-650.	1.7	17
1513	20th century seasonal moisture balance in Southeast Asian montane forests from tree cellulose $\delta^{18}O$. <i>Climatic Change</i> , 2012, 115, 505-517.	1.7	25
1514	Framing the way to relate climate extremes to climate change. <i>Climatic Change</i> , 2012, 115, 283-290.	1.7	210
1515	Patterns of change in sea surface temperature in the North Atlantic during the last three decades: beyond mean trends. <i>Climatic Change</i> , 2012, 115, 419-431.	1.7	57
1516	Assessing the changing flowering date of the common lilac in North America: a random coefficient model approach. <i>Geoinformatica</i> , 2012, 16, 675-690.	2.0	17
1517	Formation mechanism of the Weddell Sea Polynya and the impact on the global abyssal ocean. <i>Journal of Oceanography</i> , 2012, 68, 771-796.	0.7	30
1518	GCM simulations of stable isotopes in the water cycle in comparison with GNIP observations over East Asia. <i>Journal of Meteorological Research</i> , 2012, 26, 420-437.	1.0	13
1519	Evaluation and Intercomparison of Cloud Fraction and Radiative Fluxes in Recent Reanalyses over the Arctic Using BSRN Surface Observations. <i>Journal of Climate</i> , 2012, 25, 2291-2305.	1.2	82
1520	Regional Patterns of Tropical Indo-Pacific Climate Change: Evidence of the Walker Circulation Weakening. <i>Journal of Climate</i> , 2012, 25, 1689-1710.	1.2	122
1521	Southern Hemisphere high-resolution palaeoclimate records of the last 2000 years. <i>Holocene</i> , 2012, 22, 501-524.	0.9	98
1522	Monsoon Regimes and Processes in CCSM4. Part II: African and American Monsoon Systems. <i>Journal of Climate</i> , 2012, 25, 2609-2621.	1.2	42
1523	Global climate change: Did we pass a tipping point?. , 2012, , .		0
1524	The application of statistical computation for fitting the global sea temperature. , 2012, , .		0
1525	Slowdown of the Walker circulation driven by tropical Indo-Pacific warming. <i>Nature</i> , 2012, 491, 439-443.	13.7	281
1526	El Niño and El Niño Modoki variability based on a new ocean reanalysis. <i>Ocean Dynamics</i> , 2012, 62, 1311-1322.	0.9	13

#	ARTICLE	IF	CITATIONS
1527	Impacts of SST Anomalies in the Agulhas Current System on the Regional Climate Variability. <i>Journal of Climate</i> , 2012, 25, 1213-1229.	1.2	17
1528	Tree-ring analysis of ancient baldcypress trees and subfossil wood. <i>Quaternary Science Reviews</i> , 2012, 34, 1-15.	1.4	57
1529	A reprocessing for climate of sea surface temperature from the along-track scanning radiometers: Basis in radiative transfer. <i>Remote Sensing of Environment</i> , 2012, 116, 32-46.	4.6	42
1530	The Operational Sea Surface Temperature and Sea Ice Analysis (OSTIA) system. <i>Remote Sensing of Environment</i> , 2012, 116, 140-158.	4.6	904
1531	A reprocessing for climate of sea surface temperature from the along-track scanning radiometers: A new retrieval scheme. <i>Remote Sensing of Environment</i> , 2012, 116, 47-61.	4.6	32
1532	Correction of AVHRR Pathfinder SST data for volcanic aerosol effects using ATSR SSTs and TOMS aerosol optical depth. <i>Remote Sensing of Environment</i> , 2012, 116, 107-117.	4.6	12
1533	Towards a bias correction of the AVHRR Pathfinder SST data from 1985 to 1998 using ATSR. <i>Remote Sensing of Environment</i> , 2012, 116, 118-125.	4.6	8
1534	Deriving optical metrics of coastal phytoplankton biomass from ocean colour. <i>Remote Sensing of Environment</i> , 2012, 119, 72-83.	4.6	72
1535	Multi sensor validation and error characteristics of Arctic satellite sea surface temperature observations. <i>Remote Sensing of Environment</i> , 2012, 121, 335-346.	4.6	42
1536	Pacific temperature trends. <i>Nature Climate Change</i> , 2012, 2, 646-647.	8.1	0
1537	Asian monsoon hydrometeorology from TES and SCIAMACHY water vapor isotope measurements and LMDZ simulations: Implications for speleothem climate record interpretation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	87
1538	North Atlantic Power Dissipation Index (PDI) and Accumulated Cyclone Energy (ACE): Statistical Modeling and Sensitivity to Sea Surface Temperature Changes. <i>Journal of Climate</i> , 2012, 25, 625-637.	1.2	50
1539	U.S. Landfalling and North Atlantic Hurricanes: Statistical Modeling of Their Frequencies and Ratios. <i>Monthly Weather Review</i> , 2012, 140, 44-65.	0.5	46
1540	The Interannual Variability of Summer Upper-Tropospheric Temperature over East Asia. <i>Journal of Climate</i> , 2012, 25, 6539-6553.	1.2	25
1541	Atlantic Ocean influence on a shift in European climate in the 1990s. <i>Nature Geoscience</i> , 2012, 5, 788-792.	5.4	370
1542	The Tropical Subseasonal Variability Simulated in the NASA GISS General Circulation Model. <i>Journal of Climate</i> , 2012, 25, 4641-4659.	1.2	148
1543	On the influence of North Pacific sea surface temperature on the Arctic winter climate. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	92
1544	Cloud frequency climatology at the Andes/Amazon transition: 2. Trends and variability. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14

#	ARTICLE	IF	CITATIONS
1545	Tree-ring $\delta^{18}O$ in southwestern China linked to variations in regional cloud cover and tropical sea surface temperature. <i>Chemical Geology</i> , 2012, 291, 104-115.	1.4	51
1546	ENSO and PDO strongly influence Taiwan spruce height growth. <i>Forest Ecology and Management</i> , 2012, 267, 50-57.	1.4	16
1547	Contemporary sea level in the Chagos Archipelago, central Indian Ocean. <i>Global and Planetary Change</i> , 2012, 82-83, 25-37.	1.6	25
1548	Reconstructed temperature for Yong'an, Fujian, Southeast China: Linkages to the Pacific Ocean climate variability. <i>Global and Planetary Change</i> , 2012, 86-87, 11-19.	1.6	48
1549	An Evaluation of Rotated EOF Analysis and Its Application to Tropical Pacific SST Variability. <i>Journal of Climate</i> , 2012, 25, 5361-5373.	1.2	113
1550	Explaining Extreme Events of 2011 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 1041-1067.	1.7	298
1551	Moist Dynamics of Severe Monsoons over South Asia: Role of the Tropical SST*. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 97-115.	0.6	24
1552	Relationship between El-Niño/Southern Oscillation and the Indian monsoon. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2012, 48, 47-56.	0.2	22
1553	Influence of the ocean surface temperature and sea ice concentration on regional climate changes in Eurasia in recent decades. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2012, 48, 355-372.	0.2	33
1554	Evaluation of the impact of oceanic heat transport in the North Atlantic and Barents sea on the Northern Hemispheric climate. <i>Doklady Earth Sciences</i> , 2012, 445, 1006-1010.	0.2	6
1555	Modulation of Atmospheric Response to North Pacific SST Anomalies under Global Warming: A Statistical Assessment. <i>Journal of Climate</i> , 2012, 25, 6554-6566.	1.2	14
1556	Enhanced warming over the global subtropical western boundary currents. <i>Nature Climate Change</i> , 2012, 2, 161-166.	8.1	564
1557	Revisited relationship between tropical and North Pacific sea surface temperature variations. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	22
1558	Multidecadal modulation of El Niño influence on the Euro-Mediterranean rainfall. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	83
1559	Is a global warming signature emerging in the tropical Pacific?. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	47
1560	Reconciling two approaches to attribution of the 2010 Russian heat wave. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	323
1561	Atmospheric response to the extreme Arctic sea ice conditions in 2007. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	42
1562	Advanced Asian summer monsoon onset in recent decades. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	98

#	ARTICLE	IF	CITATIONS
1563	The 2011 southeast Queensland extreme summer rainfall: A confirmation of a negative Pacific Decadal Oscillation phase?. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	85
1564	Modeling the ENSO impact of orbitally induced mean state climate changes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
1565	Subarctic and Arctic sea surface temperature and its relation to ocean heat content 1982â€“2010. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	26
1566	Sea surface chlorophyll signature in the tropical Pacific during eastern and central Pacific ENSO events. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	59
1567	Dominant modes of Diurnal Temperature Range variability over Europe and their relationships with large-scale atmospheric circulation and sea surface temperature anomaly patterns. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	20
1568	September Arctic sea ice predicted to disappear near 2Â°C global warming above present. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	113
1569	Atlantic hurricane activity following two major volcanic eruptions. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	33
1570	Reproduction of twentieth century intradecadal to multidecadal surface temperature variability in radiatively forced coupled climate models. <i>Journal of Geophysical Research</i> , 2012, 117, n/a-n/a.	3.3	3
1571	Detecting inhomogeneities in the Twentieth Century Reanalysis over the central United States. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	60
1572	Impact of Greenland's topographic height on precipitation and snow accumulation in idealized simulations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	27
1573	The associations between El NiÃ±oâ€™s Southern Oscillation and tropical South American climate in a regional climate model. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	12
1574	Attributing the impacts of landâ€™cover changes in temperate regions on surface temperature and heat fluxes to specific causes: Results from the first LUCID set of simulations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	133
1575	Stratified statistical models of North Atlantic basinâ€™wide and regional tropical cyclone counts. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
1576	Quantifying uncertainties in global and regional temperature change using an ensemble of observational estimates: The HadCRUT4 data set. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	1,287
1577	Sensitivity of stratospheric geoengineering with black carbon to aerosol size and altitude of injection. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	32
1578	Fast cloud adjustment to increasing CO ₂ in a superparameterized climate model. <i>Journal of Advances in Modeling Earth Systems</i> , 2012, 4, .	1.3	45
1579	ENSO prediction one year in advance using western North Pacific sea surface temperatures. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	57
1580	A reassessment of lake and wetland feedbacks on the North African Holocene climate. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	60

#	ARTICLE	IF	CITATIONS
1581	Observations reveal external driver for Arctic sea-ice retreat. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	137
1582	Drivers of the projected changes to the Pacific Ocean equatorial circulation. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	45
1583	Pre-Columbian deforestation as an amplifier of drought in Mesoamerica. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	59
1584	Trends in Arctic sea ice extent from CMIP5, CMIP3 and observations. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	817
1585	The impact of model fidelity on seasonal predictive skill. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	43
1586	A sea ice free summer Arctic within 30 years: An update from CMIP5 models. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	324
1587	Statistical evidence for the natural variation of the central Pacific El Niño. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
1588	Historical changes in El Niño and La Niña characteristics in an ocean reanalysis. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	32
1589	Small change, big difference: Sea surface temperature distributions for tropical coral reef ecosystems, 1950–2011. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	60
1590	Winter-to-winter recurrence of atmospheric circulation anomalies in the central North Pacific. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	3
1591	In-phase transition from the winter monsoon to the summer monsoon over East Asia: Role of the Indian Ocean. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	16
1592	The signature of ozone depletion on tropical temperature trends, as revealed by their seasonal cycle in model integrations with single forcings. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	28
1593	A 300-year Vietnam hydroclimate and ENSO variability record reconstructed from tree ring data. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	91
1594	Global in-cloud production of secondary organic aerosols: Implementation of a detailed chemical mechanism in the GFDL atmospheric model AM3. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	57
1595	Future changes and uncertainties in Asian precipitation simulated by multiphysics and multi-sea surface temperature ensemble experiments with high-resolution Meteorological Research Institute atmospheric general circulation models (MRI-AGCMs). <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	86
1596	Identifying the causes of the poor decadal climate prediction skill over the North Pacific. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	36
1597	Role of meteorological variability in global tropospheric ozone during 1970–2008. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	19
1598	A comparison of the interannual variability in atmospheric angular momentum and length-of-day using multiple reanalysis data sets. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	9

#	ARTICLE	IF	CITATIONS
1599	Inferring ice formation processes from global-scale black carbon profiles observed in the remote atmosphere and model simulations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	25
1600	The impact of greenhouse gases on past changes in tropospheric ozone. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	9
1601	Reconstructing the 20th century high-resolution climate of the southeastern United States. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	16
1602	A coral-based reconstruction of sea surface salinity at Sabine Bank, Vanuatu from 1842 to 2007 CE. <i>Paleoceanography</i> , 2012, 27, .	3.0	39
1603	Early mid-Holocene SST variability and surface-ocean water balance in the southwest Pacific. <i>Paleoceanography</i> , 2012, 27, .	3.0	29
1604	Change in El Niño flavours over 1958–2008: Implications for the long-term trend of the upwelling off Peru. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 77-80, 143-156.	0.6	66
1605	Group for High Resolution Sea Surface temperature (GHRSSST) analysis fields inter-comparisons. Part 1: A GHRSSST multi-product ensemble (GMPE). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 77-80, 21-30.	0.6	121
1606	Using rigorous selection criteria to investigate marine range shifts. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 113, 205-212.	0.9	34
1607	A reconstruction of the thawing of the permafrost during the last 170 years on the Taimyr Peninsula (East Siberia, Russia). <i>Global and Planetary Change</i> , 2012, 98-99, 139-152.	1.6	18
1608	Understanding the responses of sea surface temperature to the two different types of El Niño in the western North Pacific. <i>Progress in Oceanography</i> , 2012, 105, 81-89.	1.5	11
1609	Constraining the temperature history of the past millennium using early instrumental observations. <i>Climate of the Past</i> , 2012, 8, 1551-1563.	1.3	49
1610	Impact of the El Niño–Southern Oscillation, Indian Ocean Dipole, and Southern Annular Mode on Daily to Subdaily Rainfall Characteristics in East Australia. <i>Monthly Weather Review</i> , 2012, 140, 1665-1682.	0.5	54
1611	Coupled Climate and Earth System Models. , 2012, , 5-30.		2
1613	Monsoon sensitivity to aerosol direct radiative forcing in the community atmosphere model. <i>Journal of Earth System Science</i> , 2012, 121, 867-889.	0.6	28
1614	Monsoon circulation interaction with Western Ghats orography under changing climate. <i>Theoretical and Applied Climatology</i> , 2012, 110, 555-571.	1.3	88
1615	Low-frequency variations in primary production in the Oman upwelling zone associated with monsoon winds. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 1045-1053.	0.7	5
1616	Linkage between the dominant modes in Pacific subsurface ocean temperature and the two type ENSO events. <i>Science Bulletin</i> , 2012, 57, 3491-3496.	1.7	26
1617	Preliminary results of a new global ocean reanalysis. <i>Science Bulletin</i> , 2012, 57, 3509-3517.	1.7	6

#	ARTICLE	IF	CITATIONS
1618	Regional climate changes as the factors of impact on the objects of construction and infrastructure. Russian Meteorology and Hydrology, 2012, 37, 735-745.	0.2	10
1619	High-Resolution Global Climate Simulations with the ECMWF Model in Project Athena: Experimental Design, Model Climate, and Seasonal Forecast Skill. Journal of Climate, 2012, 25, 3155-3172.	1.2	202
1620	Climate change and the South Asian summer monsoon. Nature Climate Change, 2012, 2, 587-595.	8.1	800
1621	Autumn Sea Ice Cover, Winter Northern Hemisphere Annular Mode, and Winter Precipitation in Eurasia. Journal of Climate, 2012, 26, 3968-3981.	1.2	79
1622	ENSO's Impact on the Gap Wind Regions of the Eastern Tropical Pacific Ocean*. Journal of Climate, 2012, 25, 3549-3565.	1.2	27
1623	What is the current state of scientific knowledge with regard to seasonal and decadal forecasting?. Environmental Research Letters, 2012, 7, 015602.	2.2	124
1624	Detecting historical ocean climate variability. Journal of Geophysical Research, 2012, 117, .	3.3	8
1625	Biases in the Atlantic ITCZ in Seasonal Interannual Variations for a Coarse- and a High-Resolution Coupled Climate Model. Journal of Climate, 2012, 25, 5494-5511.	1.2	59
1626	Turning up the Heat: Increasing Temperature and Coral Bleaching at the High Latitude Coral Reefs of the Houtman Abrolhos Islands. PLoS ONE, 2012, 7, e43878.	1.1	63
1627	Variability of Coastal and Ocean Water Temperature in the Upper 700 m along the Western Iberian Peninsula from 1975 to 2006. PLoS ONE, 2012, 7, e50666.	1.1	20
1628	Fundamentals of climate change science. , 2012, , 39-71.		7
1629	Modelling future changes to the stratospheric source gas injection of biogenic bromocarbons. Geophysical Research Letters, 2012, 39, .	1.5	38
1630	Has the Problem of a Permanent El Niño been Resolved for the Mid-Pliocene?. Atmospheric and Oceanic Science Letters, 2012, 5, 445-448.	0.5	8
1631	A New Method for Predicting the Decadal Component of Global SST. Atmospheric and Oceanic Science Letters, 2012, 5, 521-526.	0.5	3
1632	Elevation Dependency of Summertime Precipitation and its Change by Global Warming over the Tibetan Plateau and the Surroundings Simulated by a 60-km-mesh Atmospheric General Circulation Model. Journal of the Meteorological Society of Japan, 2012, 90A, 151-165.	0.7	8
1633	Influence of Tropical Indian Ocean Warming and ENSO on Tropical Cyclone Activity over the Western North Pacific. Journal of the Meteorological Society of Japan, 2012, 90, 127-144.	0.7	52
1634	Climate of Bangladesh: An Analysis of Northwestern and Southwestern Part Using High Resolution Atmosphere-Ocean General Circulation Model (AOGCM). The Agriculturists, 2012, 9, 143-154.	0.3	5
1635	Decreasing trend of tropical cyclone frequency in 228-year high-resolution AGCM simulations. Geophysical Research Letters, 2012, 39, .	1.5	39

#	ARTICLE	IF	CITATIONS
1636	A New Global Climate Model of the Meteorological Research Institute: MRI-CGCM3 "Model Description and Basic Performance". Journal of the Meteorological Society of Japan, 2012, 90A, 23-64.	0.7	649
1637	Variability of North Atlantic Hurricanes: Seasonal Versus Individual-Event Features. Geophysical Monograph Series, 2012, , 111-125.	0.1	3
1638	Spatial and Temporal Variability of Sea Surface Temperature in the Yellow Sea and East China Sea over the Past 141 Years. , 0, , .		6
1639	Numerical Study of the Seasonal Variation of Elevated Dust Aerosols from the Taklimakan Desert. Scientific Online Letters on the Atmosphere, 2012, 8, 98-102.	0.6	4
1640	Attribution of the summer warming since 1970s in Indian Ocean Basin to the interdecadal change in the seasonal timing of El Niño decay phase. Geophysical Research Letters, 2012, 39, .	1.5	15
1641	Understanding hydroclimate processes in the Murray-Darling Basin for natural resources management. Hydrology and Earth System Sciences, 2012, 16, 2049-2068.	1.9	87
1642	Initialized decadal predictions of the rapid warming of the North Atlantic Ocean in the mid 1990s. Geophysical Research Letters, 2012, 39, .	1.5	91
1643	On the Mechanism of Tropical Cyclone Frequency Changes Due to Global Warming. Journal of the Meteorological Society of Japan, 2012, 90A, 397-408.	0.7	54
1644	Early and mid-Holocene climate in the tropical Pacific: seasonal cycle and interannual variability induced by insolation changes. Climate of the Past, 2012, 8, 1093-1108.	1.3	40
1645	Interannual Rainfall Variability over Northwestern Jawa and its Relation to the Indian Ocean Dipole and El Niño-Southern Oscillation Events. Scientific Online Letters on the Atmosphere, 2012, 8, 69-72.	0.6	57
1646	Sea-Ice in Twentieth-Century Simulations by New MIROC Coupled Models: A Comparison between Models with High Resolution and with Ice Thickness Distribution. Journal of the Meteorological Society of Japan, 2012, 90A, 213-232.	0.7	26
1647	Impact of the sea surface temperature forcing on hindcasts of Madden-Julian Oscillation events using the ECMWF model. Ocean Science, 2012, 8, 1071-1084.	1.3	21
1648	Forecast skill of multi-year seasonal means in the decadal prediction system of the Max Planck Institute for Meteorology. Geophysical Research Letters, 2012, 39, .	1.5	67
1649	Bayesian modelling and ensemble reconstruction of mid-scale spatial variability in North Atlantic sea surface temperatures for 1850-2008. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 234-248.	1.0	14
1650	Global and regional climate in 2011. Weather, 2012, 67, 212-218.	0.6	4
1651	The El Niño-Southern Oscillation (ENSO) Modoki signal in the stratosphere. Journal of Geophysical Research, 2012, 117, .	3.3	62
1652	The distinct behaviors of Pacific and Indian Ocean warm pool properties on seasonal and interannual time scales. Journal of Geophysical Research, 2012, 117, .	3.3	39
1653	Age and fine-scale marine growth of Atlantic salmon post-smolts in the Northeast Atlantic. ICES Journal of Marine Science, 2012, 69, 1668-1677.	1.2	22

#	ARTICLE	IF	CITATIONS
1654	A multi-data set comparison of the vertical structure of temperature variability and change over the Arctic during the past 100 years. <i>Climate Dynamics</i> , 2012, 39, 1577-1598.	1.7	31
1655	The Asian summer monsoon response to the La Niña event of 2010. <i>Meteorological Applications</i> , 2012, 19, 216-225.	0.9	55
1656	Variability in the East Asian Monsoon: a review. <i>Meteorological Applications</i> , 2012, 19, 200-215.	0.9	130
1657	Climate diagnostics of three major drought events in the Amazon and illustrations of their seasonal precipitation predictions. <i>Meteorological Applications</i> , 2012, 19, 237-255.	0.9	75
1658	Joint projections of North Pacific sea surface temperature from different global climate models. <i>Environmetrics</i> , 2012, 23, 451-465.	0.6	5
1659	Review of climate change impacts on marine fish and shellfish around the UK and Ireland. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 337-367.	0.9	98
1660	Antarctic ozone depletion and trends in tropopause Rossby wave breaking. <i>Atmospheric Science Letters</i> , 2012, 13, 164-168.	0.8	13
1661	Winter ENSO teleconnections in a warmer climate. <i>Climate Dynamics</i> , 2012, 38, 1593-1613.	1.7	37
1662	RegCM3 nested in HadAM3 scenarios A2 and B2: projected changes in extratropical cyclogenesis, temperature and precipitation over the South Atlantic Ocean. <i>Climatic Change</i> , 2012, 113, 599-621.	1.7	24
1663	Changes in Earth's Energy Flows and Clouds in 228-Year Simulation with a High-Resolution AGCM. <i>Surveys in Geophysics</i> , 2012, 33, 427-443.	2.1	1
1664	Prediction of decadal variability of sea surface temperature by a coupled global climate model FGOALS_g1 developed in LASG/IAP. <i>Science Bulletin</i> , 2012, 57, 2453-2459.	1.7	12
1665	Heat center of the western Pacific warm pool. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 169-176.	0.7	11
1666	Northward expansion of the western Pacific Warm Pool in late 1990s and early 2000s. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 684-689.	0.7	0
1667	Possible origins of the western Pacific warm pool decadal variability. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 169-176.	1.9	10
1668	The impact of Indian Ocean variability on high temperature extremes across the southern Yangtze River valley in late summer. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 91-100.	1.9	77
1669	Interdecadal modulation of the influence of La Niña events on mei-yu rainfall over the Yangtze River valley. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 157-168.	1.9	41
1670	Effects of the East Asian summer monsoon on tropical cyclone genesis over the South China Sea on an interdecadal time scale. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 249-262.	1.9	44
1671	Impacts of multi-scale solar activity on climate. Part I: Atmospheric circulation patterns and climate extremes. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 867-886.	1.9	13

#	ARTICLE	IF	CITATIONS
1672	Impacts of multi-scale solar activity on climate. Part II: Dominant timescales in decadal-centennial climate variability. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 887-908.	1.9	10
1673	Extratropical influences on the inter-annual variability of South-Asian monsoon. <i>Climate Dynamics</i> , 2012, 38, 1661-1674.	1.7	44
1674	Dependence of Indian monsoon rainfall on moisture fluxes across the Arabian Sea and the impact of coupled model sea surface temperature biases. <i>Climate Dynamics</i> , 2012, 38, 2167-2190.	1.7	120
1675	Impact of the Equatorial Atlantic on the El Niño Southern Oscillation. <i>Climate Dynamics</i> , 2012, 38, 1965-1972.	1.7	168
1676	Robustness of SST teleconnections and precursory patterns associated with the Indian summer monsoon. <i>Climate Dynamics</i> , 2012, 38, 2143-2165.	1.7	39
1677	The sensitivity of the meridional overturning circulation to modelling uncertainty in a perturbed physics ensemble without flux adjustment. <i>Climate Dynamics</i> , 2012, 39, 277-285.	1.7	11
1678	Effects of El Niño Modoki on winter precipitation in Korea. <i>Climate Dynamics</i> , 2012, 38, 1313-1324.	1.7	17
1679	A new method for extracting the ENSO-independent Indian Ocean Dipole: application to Australian region tropical cyclone counts. <i>Climate Dynamics</i> , 2012, 38, 2503-2511.	1.7	21
1680	Greening in the circumpolar high-latitude may amplify warming in the growing season. <i>Climate Dynamics</i> , 2012, 38, 1421-1431.	1.7	31
1681	Delayed ENSO impact on spring precipitation over North/Atlantic European region. <i>Climate Dynamics</i> , 2012, 38, 2593-2612.	1.7	39
1682	The coherent interdecadal changes of East Asia climate in mid-summer simulated by BCC_AGCM 2.0.1. <i>Climate Dynamics</i> , 2012, 39, 155-163.	1.7	10
1683	Can Indian Ocean SST anomalies influence South American rainfall?. <i>Climate Dynamics</i> , 2012, 38, 1615-1628.	1.7	52
1684	Downscaled simulations of the ECHAM5, CCSM3 and HadCM3 global models for the eastern Mediterraneanâ€“Black Sea region: evaluation of the reference period. <i>Climate Dynamics</i> , 2012, 39, 207-225.	1.7	45
1685	The freshwater balance of polar regions in transient simulations from 1500 to 2100 AD using a comprehensive coupled climate model. <i>Climate Dynamics</i> , 2012, 39, 347-363.	1.7	18
1686	Multivariate probabilistic projections using imperfect climate models part I: outline of methodology. <i>Climate Dynamics</i> , 2012, 38, 2513-2542.	1.7	126
1687	The heterogeneity of Meiyu rainfall over Yangtzeâ€“Huaihe River valley and its relationship with oceanic surface heating and intraseasonal variability. <i>Theoretical and Applied Climatology</i> , 2012, 108, 601-611.	1.3	6
1688	Tree ring-based winter temperature reconstruction for Changting, Fujian, subtropical region of Southeast China, since 1850: linkages to the Pacific Ocean. <i>Theoretical and Applied Climatology</i> , 2012, 109, 141-151.	1.3	41
1689	Decadal variability of tropical Pacific temperature in relation to solar cycles. <i>Advances in Space Research</i> , 2012, 49, 572-578.	1.2	3

#	ARTICLE	IF	CITATIONS
1690	Differences in coastal and oceanic SST trends due to the strengthening of coastal upwelling along the Benguela current system. <i>Continental Shelf Research</i> , 2012, 34, 79-86.	0.9	65
1691	Coupling between populations of copepod taxa within an estuarine ecosystem and the adjacent offshore regions. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 107, 122-131.	0.9	4
1692	Surface ozone-temperature relationships in the eastern US: A monthly climatology for evaluating chemistry-climate models. <i>Atmospheric Environment</i> , 2012, 47, 142-153.	1.9	152
1693	Influence of climate oscillations on dentinal deposition in teeth of Commerson's dolphin. <i>Global Change Biology</i> , 2012, 18, 2477-2486.	4.2	12
1694	Oceanographic changes through the last millennium off North Iceland: Temperature and salinity reconstructions based on foraminifera and stable isotopes. <i>Marine Micropaleontology</i> , 2012, 84-85, 54-73.	0.5	27
1695	Changes in climate extremes on the territory of Siberia by the middle of the 21st century: An ensemble forecast based on the MGO regional climate model. <i>Russian Meteorology and Hydrology</i> , 2012, 37, 71-84.	0.2	24
1696	Global patterns in the impact of marine herbivores on benthic primary producers. <i>Ecology Letters</i> , 2012, 15, 912-922.	3.0	350
1697	Recurrent daily rainfall patterns over South Africa and associated dynamics during the core of the austral summer. <i>International Journal of Climatology</i> , 2012, 32, 261-273.	1.5	63
1698	How potentially predictable is northern European winter climate a season ahead?. <i>International Journal of Climatology</i> , 2012, 32, 801-818.	1.5	79
1699	Snowfall over central-eastern China and Asian atmospheric cold source in January. <i>International Journal of Climatology</i> , 2012, 32, 888-899.	1.5	12
1700	Quasi-quadrennial variability in European precipitation. <i>International Journal of Climatology</i> , 2012, 32, 1295-1309.	1.5	4
1701	GCM projections for the Pacific Decadal Oscillation under greenhouse forcing for the early 21st century. <i>International Journal of Climatology</i> , 2012, 32, 1423-1442.	1.5	54
1702	Tropical Pacific-North Pacific teleconnection in a coupled GCM: remote and local effects. <i>International Journal of Climatology</i> , 2012, 32, 1640-1653.	1.5	6
1703	Landfalling tropical cyclones activities in the south China: intensifying or weakening?. <i>International Journal of Climatology</i> , 2012, 32, 1815-1824.	1.5	22
1704	Estimation of trends in extreme melt-season duration at Svalbard. <i>International Journal of Climatology</i> , 2012, 32, 2227-2239.	1.5	7
1705	Tropical influence on the summer Mediterranean climate. <i>Atmospheric Science Letters</i> , 2012, 13, 36-42.	0.8	34
1706	Predicting coral bleaching hotspots: the role of regional variability in thermal stress and potential adaptation rates. <i>Coral Reefs</i> , 2012, 31, 1-12.	0.9	59
1707	Reproductive biology of longnose trevally (<i>Carangoides chrysophrys</i>) in the Arabian Sea, Oman. <i>Environmental Biology of Fishes</i> , 2012, 93, 177-184.	0.4	8

#	ARTICLE	IF	CITATIONS
1708	Extreme drought event of 2009/2010 over southwestern China. <i>Meteorology and Atmospheric Physics</i> , 2012, 115, 173-184.	0.9	202
1709	Evidence for strengthening of the tropical Pacific Ocean surface wind speed during 1979–2001. <i>Theoretical and Applied Climatology</i> , 2012, 107, 59-72.	1.3	18
1710	Effects of convective adjustment time scale on the simulation of tropical climate. <i>Theoretical and Applied Climatology</i> , 2012, 107, 211-228.	1.3	2
1711	Evidences for a quasi 60-year North Atlantic Oscillation since 1700 and its meaning for global climate change. <i>Theoretical and Applied Climatology</i> , 2012, 107, 599-609.	1.3	63
1712	An assessment and interpretation of the observed warming of West Antarctica in the austral spring. <i>Climate Dynamics</i> , 2012, 38, 323-347.	1.7	137
1713	Impact of Earth's orbit and freshwater fluxes on Holocene climate mean seasonal cycle and ENSO characteristics. <i>Climate Dynamics</i> , 2012, 38, 1081-1092.	1.7	59
1714	Decadal climate variability in the Mediterranean region: roles of large-scale forcings and regional processes. <i>Climate Dynamics</i> , 2012, 38, 1129-1145.	1.7	122
1715	The representation of the South Tropical Atlantic teleconnection to the Indian Ocean in the AR4 coupled models. <i>Climate Dynamics</i> , 2012, 38, 1147-1166.	1.7	35
1716	Interannual variability of Mediterranean evaporation and its relation to regional climate. <i>Climate Dynamics</i> , 2012, 38, 495-512.	1.7	20
1717	Connection of stratospheric QBO with global atmospheric general circulation and tropical SST. Part I: methodology and composite life cycle. <i>Climate Dynamics</i> , 2012, 38, 1-23.	1.7	60
1718	Quantifying the residual effects of ENSO on low-frequency variability in the tropical Pacific. <i>International Journal of Climatology</i> , 2013, 33, 1047-1052.	1.5	4
1719	The influence of North Atlantic atmospheric and oceanic forcing effects on 1900–2010 Greenland summer climate and ice melt/runoff. <i>International Journal of Climatology</i> , 2013, 33, 862-880.	1.5	193
1720	Performance of a high resolution global model over southern South America. <i>International Journal of Climatology</i> , 2013, 33, 904-919.	1.5	24
1721	A new statistical downscaling model for autumn precipitation in China. <i>International Journal of Climatology</i> , 2013, 33, 1321-1336.	1.5	32
1722	Influences of two types of ENSO on South American precipitation. <i>International Journal of Climatology</i> , 2013, 33, 1382-1400.	1.5	149
1723	Important factors for long-term change in ENSO transitivity. <i>International Journal of Climatology</i> , 2013, 33, 1495-1509.	1.5	21
1724	Investigation and prediction of helicopter-triggered lightning over the North Sea. <i>Meteorological Applications</i> , 2013, 20, 94-106.	0.9	14
1725	Beyond Bergmann's rule: size–latitude relationships in marine Bivalvia worldwide. <i>Global Ecology and Biogeography</i> , 2013, 22, 173-183.	2.7	85

#	ARTICLE	IF	CITATIONS
1726	Climate change and the oceans â€“ What does the future hold?. Marine Pollution Bulletin, 2013, 74, 495-505.	2.3	191
1727	Impact of the western North Pacific subtropical high on the East Asian monsoon precipitation and the Indian Ocean precipitation in the boreal summertime. Asia-Pacific Journal of Atmospheric Sciences, 2013, 49, 171-182.	1.3	54
1728	A new insight into the contribution of environmental conditions to tropical cyclone activities. Journal of Meteorological Research, 2013, 27, 344-355.	1.0	4
1729	Summer monsoon rainfall scenario over Bangladesh using a high-resolution AGCM. Natural Hazards, 2013, 69, 793-807.	1.6	6
1730	Phylogeography of the supralittoral isopod <i>Ligia occidentalis</i> around the Point Conception marine biogeographical boundary. Journal of Biogeography, 2013, 40, 2361-2372.	1.4	33
1731	An Intraseasonal Prediction Model of Atlantic and East Pacific Tropical Cyclone Genesis. Monthly Weather Review, 2013, 141, 1925-1942.	0.5	34
1732	Reinterpreting the thermocline feedback in the western-central equatorial Pacific and its relationship with the ENSO modulation. Climate Dynamics, 2013, 41, 819-830.	1.7	29
1733	Winter weather regimes over the Mediterranean region: their role for the regional climate and projected changes in the twenty-first century. Climate Dynamics, 2013, 41, 551-571.	1.7	29
1734	Decadal fingerprints of freshwater discharge around Greenland in a multi-model ensemble. Climate Dynamics, 2013, 41, 695-720.	1.7	90
1735	The Influence of the Amundsenâ€“Bellingshausen Seas Low on the Climate of West Antarctica and Its Representation in Coupled Climate Model Simulations. Journal of Climate, 2013, 26, 6633-6648.	1.2	222
1736	Past and Current Climate Changes in the Mediterranean Region. Advances in Global Change Research, 2013, , 9-51.	1.6	9
1737	Drastic desalination of small lakes in East Siberia (Russia) in the early twentieth century: inferred from sedimentological, geochemical and palynological composition of small lakes. Environmental Earth Sciences, 2013, 68, 1733-1744.	1.3	12
1738	Genotype â€“ environment correlations in corals from the Great Barrier Reef. BMC Genetics, 2013, 14, 9.	2.7	57
1739	Future projections of heat waves around Japan simulated by CMIP3 and high-resolution Meteorological Research Institute atmospheric climate models. Journal of Geophysical Research D: Atmospheres, 2013, 118, 3097-3109.	1.2	10
1740	The CIRCE Simulations: Regional Climate Change Projections with Realistic Representation of the Mediterranean Sea. Bulletin of the American Meteorological Society, 2013, 94, 65-81.	1.7	147
1741	Detectability of Changes in the Walker Circulation in Response to Global Warming*. Journal of Climate, 2013, 26, 4038-4048.	1.2	78
1742	Hydrometeorological variability in the Korean Han River Basin and its sub-watersheds during different El Niño phases. Stochastic Environmental Research and Risk Assessment, 2013, 27, 1465-1477.	1.9	16
1743	Recent sea level and upper ocean temperature variability and trends; cook islands regional results and perspective. Climatic Change, 2013, 119, 37-48.	1.7	0

#	ARTICLE	IF	CITATIONS
1744	Implications of CMIP3 model biases and uncertainties for climate projections in the western tropical Pacific. <i>Climatic Change</i> , 2013, 119, 147-161.	1.7	62
1745	Modeling evidence that ozone depletion has impacted extreme precipitation in the austral summer. <i>Geophysical Research Letters</i> , 2013, 40, 4054-4059.	1.5	20
1746	Baseline shifts in coral skeletal oxygen isotopic composition: a signature of symbiont shuffling?. <i>Coral Reefs</i> , 2013, 32, 559-571.	0.9	9
1747	An assessment of Indo-Pacific oceanic channel dynamics in the FGOALS-g2 coupled climate system model. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 997-1016.	1.9	23
1748	The Flexible Global Ocean-Atmosphere-Land system model, Spectral Version 2: FGOALS-s2. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 561-576.	1.9	210
1749	Annual cycle and interannual variability in the tropical pacific as simulated by three versions of FGOALS. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 621-637.	1.9	13
1750	Preliminary evaluations of FGOALS-g2 for decadal predictions. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 674-683.	1.9	18
1751	Relationships between the East Asian-western north pacific monsoon and ENSO simulated by FGOALS-s2. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 713-725.	1.9	12
1752	Two modes of the silk road pattern and their interannual variability simulated by LASG/IAP AGCM SAMIL2.0. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 908-921.	1.9	26
1753	Western pacific warm pool and ENSO asymmetry in CMIP3 models. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 940-953.	1.9	22
1754	Interdecadal enhancement of the walker circulation over the Tropical Pacific in the late 1990s. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 247-262.	1.9	44
1755	Variability and risk analysis of Hong Kong air quality based on Monsoon and El Niño conditions. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 280-290.	1.9	16
1756	A quantitative assessment of changes in seasonal potential predictability for the twentieth century. <i>Climate Dynamics</i> , 2013, 41, 2697-2709.	1.7	21
1757	The Atlantic Multidecadal Oscillation in twentieth century climate simulations: uneven progress from CMIP3 to CMIP5. <i>Climate Dynamics</i> , 2013, 41, 3301-3315.	1.7	59
1758	A case study of a modelled episode of low Arctic sea ice. <i>Climate Dynamics</i> , 2013, 41, 1229-1244.	1.7	10
1759	The Indo-Australian monsoon and its relationship to ENSO and IOD in reanalysis data and the CMIP3/CMIP5 simulations. <i>Climate Dynamics</i> , 2013, 41, 3073-3102.	1.7	153
1760	Present-day and future Amazonian precipitation in global climate models: CMIP5 versus CMIP3. <i>Climate Dynamics</i> , 2013, 41, 2921-2936.	1.7	146
1761	The role of land-surface processes in modulating the Indian monsoon annual cycle. <i>Climate Dynamics</i> , 2013, 41, 2497-2509.	1.7	22

#	ARTICLE	IF	CITATIONS
1762	Real-time multi-model decadal climate predictions. <i>Climate Dynamics</i> , 2013, 41, 2875-2888.	1.7	111
1763	The South Pacific Convergence Zone in CMIP5 simulations of historical and future climate. <i>Climate Dynamics</i> , 2013, 41, 2179-2197.	1.7	62
1764	How is the Indian Ocean Subtropical Dipole excited?. <i>Climate Dynamics</i> , 2013, 41, 1955-1968.	1.7	31
1765	Are the teleconnections of Central Pacific and Eastern Pacific El Niño distinct in boreal wintertime?. <i>Climate Dynamics</i> , 2013, 41, 1835-1852.	1.7	83
1766	Importance of oceanic resolution and mean state on the extra-tropical response to El Niño in a matrix of coupled models. <i>Climate Dynamics</i> , 2013, 41, 1439-1452.	1.7	20
1767	The influence of the inter-decadal Pacific oscillation on US precipitation during 1923–2010. <i>Climate Dynamics</i> , 2013, 41, 633-646.	1.7	242
1768	Predictability of the mid-latitude Atlantic meridional overturning circulation in a multi-model system. <i>Climate Dynamics</i> , 2013, 41, 775-785.	1.7	69
1769	Statistical decadal predictions for sea surface temperatures: a benchmark for dynamical GCM predictions. <i>Climate Dynamics</i> , 2013, 41, 917-935.	1.7	25
1770	Modes of interannual variability of Southern Hemisphere atmospheric circulation in CMIP3 models: assessment and projections. <i>Climate Dynamics</i> , 2013, 41, 479-500.	1.7	21
1771	Atmospheric winter response to a projected future Antarctic sea-ice reduction: a dynamical analysis. <i>Climate Dynamics</i> , 2013, 40, 2707-2718.	1.7	25
1772	Trends and low frequency variability of extra-tropical cyclone activity in the ensemble of twentieth century reanalysis. <i>Climate Dynamics</i> , 2013, 40, 2775-2800.	1.7	128
1773	Analysis of the non-linearity in the pattern and time evolution of El Niño southern oscillation. <i>Climate Dynamics</i> , 2013, 40, 2825-2847.	1.7	177
1774	Seasonal modulations of different impacts of two types of ENSO events on tropical cyclone activity in the western North Pacific. <i>Climate Dynamics</i> , 2013, 40, 2887-2902.	1.7	102
1775	Seasonal forecasts for regional onset of the West African monsoon. <i>Climate Dynamics</i> , 2013, 40, 3047-3070.	1.7	61
1776	The CNRM-CM5.1 global climate model: description and basic evaluation. <i>Climate Dynamics</i> , 2013, 40, 2091-2121.	1.7	1,008
1777	Climate change projections using the IPSL-CM5 Earth System Model: from CMIP3 to CMIP5. <i>Climate Dynamics</i> , 2013, 40, 2123-2165.	1.7	1,425
1778	Atmospheric response to the North Atlantic Ocean variability on seasonal to decadal time scales. <i>Climate Dynamics</i> , 2013, 40, 2311-2330.	1.7	69
1779	Future changes in tropical cyclone activity in the North Indian Ocean projected by high-resolution MRI-AGCMs. <i>Climate Dynamics</i> , 2013, 40, 1949-1968.	1.7	63

#	ARTICLE	IF	CITATIONS
1780	Multi-centennial variability controlled by Southern Ocean convection in the Kiel Climate Model. <i>Climate Dynamics</i> , 2013, 40, 2005-2022.	1.7	104
1781	Decadal variation of surface solar radiation in the Tibetan Plateau from observations, reanalysis and model simulations. <i>Climate Dynamics</i> , 2013, 40, 2073-2086.	1.7	61
1783	Response of Northern Hemisphere storm tracks to Indian-western Pacific Ocean warming in atmospheric general circulation models. <i>Climate Dynamics</i> , 2013, 40, 1057-1070.	1.7	22
1784	Linear trends in sea surface temperature of the tropical Pacific Ocean and implications for the El Niño-Southern Oscillation. <i>Climate Dynamics</i> , 2013, 40, 1223-1236.	1.7	93
1785	Links between Indo-Pacific climate variability and drought in the Monsoon Asia Drought Atlas. <i>Climate Dynamics</i> , 2013, 40, 1319-1334.	1.7	71
1786	A further assessment of vegetation feedback on decadal Sahel rainfall variability. <i>Climate Dynamics</i> , 2013, 40, 1453-1466.	1.7	50
1787	Decadal climate predictions with a coupled OAGCM initialized with oceanic reanalyses. <i>Climate Dynamics</i> , 2013, 40, 1483-1497.	1.7	53
1788	Influence of local and remote SST on North Atlantic tropical cyclone potential intensity. <i>Climate Dynamics</i> , 2013, 40, 1515-1529.	1.7	51
1789	The effects of aggressive mitigation on steric sea level rise and sea ice changes. <i>Climate Dynamics</i> , 2013, 40, 531-550.	1.7	9
1790	A 20-year coupled ocean-sea ice-atmosphere variability mode in the North Atlantic in an AOGCM. <i>Climate Dynamics</i> , 2013, 40, 619-636.	1.7	65
1791	An assessment of oceanic variability for 1960–2010 from the GFDL ensemble coupled data assimilation. <i>Climate Dynamics</i> , 2013, 40, 775-803.	1.7	130
1792	The general circulation model precipitation bias over the southwestern equatorial Indian Ocean and its implications for simulating the South Asian monsoon. <i>Climate Dynamics</i> , 2013, 40, 823-838.	1.7	61
1793	Using seasonal hindcasts to understand the origin of the equatorial cold tongue bias in CGCMs and its impact on ENSO. <i>Climate Dynamics</i> , 2013, 40, 963-981.	1.7	63
1794	Reconstructing changes in Atlantic thermohaline circulation during the 20th century under two possible scenarios. <i>Science China Earth Sciences</i> , 2013, 56, 258-269.	2.3	2
1795	Decadal change of the East Asian summer monsoon and its related surface temperature in Asia-Pacific during 1880–2004. <i>Science Bulletin</i> , 2013, 58, 4497-4503.	1.7	2
1796	Interdecadal variations of the East Asian winter surface air temperature and possible causes. <i>Science Bulletin</i> , 2013, 58, 3969-3977.	1.7	27
1797	Spring surface cooling trend along the East Asian coast after the late 1990s. <i>Science Bulletin</i> , 2013, 58, 3847-3851.	1.7	13
1798	Direct and indirect effects of solar variations on stratospheric ozone and temperature. <i>Science Bulletin</i> , 2013, 58, 3840-3846.	1.7	2

#	ARTICLE	IF	CITATIONS
1799	Spatial and temporal variations of light rain events over China and the mid-high latitudes of the Northern Hemisphere. <i>Science Bulletin</i> , 2013, 58, 1402-1411.	1.7	30
1800	January temperature anomalies over Northeast China and precursors. <i>Science Bulletin</i> , 2013, 58, 671-677.	1.7	4
1801	Different types of La Niña events and different responses of the tropical atmosphere. <i>Science Bulletin</i> , 2013, 58, 406-415.	1.7	62
1802	El Niño Southern Oscillation in an ensemble ocean reanalysis and coupled climate models. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4052-4071.	1.0	26
1803	Evaluating the Land and Ocean Components of the Global Carbon Cycle in the CMIP5 Earth System Models. <i>Journal of Climate</i> , 2013, 26, 6801-6843.	1.2	398
1804	Future climate of the Caribbean from a super-high-resolution atmospheric general circulation model. <i>Theoretical and Applied Climatology</i> , 2013, 113, 271-287.	1.3	45
1805	Estimation of urban heat island intensity using biases in surface air temperature simulated by a nonhydrostatic regional climate model. <i>Theoretical and Applied Climatology</i> , 2013, 112, 351-361.	1.3	26
1806	Changes in temperature and temperature gradients in the French Northern Alps during the last century. <i>Theoretical and Applied Climatology</i> , 2013, 111, 223-233.	1.3	23
1808	A New HadGEM3-A-Based System for Attribution of Weather- and Climate-Related Extreme Events. <i>Journal of Climate</i> , 2013, 26, 2756-2783.	1.2	121
1809	Recent global-warming hiatus tied to equatorial Pacific surface cooling. <i>Nature</i> , 2013, 501, 403-407.	13.7	1,436
1810	Subtropical air-sea interaction and development of central Pacific El Niño. <i>Journal of Ocean University of China</i> , 2013, 12, 260-271.	0.6	10
1811	Analysis on long-term change of sea surface temperature in the China Seas. <i>Journal of Ocean University of China</i> , 2013, 12, 295-300.	0.6	26
1812	Changing states of North Atlantic large marine ecosystems. <i>Environmental Development</i> , 2013, 7, 46-58.	1.8	8
1813	On the observed variability of monsoon droughts over India. <i>Weather and Climate Extremes</i> , 2013, 1, 42-50.	1.6	216
1814	Wondering about wandering whiting: Distribution of North Sea whiting between the 1920s and 2000s. <i>Fisheries Research</i> , 2013, 145, 54-65.	0.9	11
1815	Exploring teleconnections between the summer NAO (SNAO) and climate in East Asia over the last four centuries – A tree-ring perspective. <i>Dendrochronologia</i> , 2013, 31, 297-310.	1.0	26
1816	Zonal phase propagation of ENSO sea surface temperature anomalies: Revisited. <i>Geophysical Research Letters</i> , 2013, 40, 4048-4053.	1.5	13
1817	Indian Ocean Variability in the CMIP5 Multimodel Ensemble: The Basin Mode. <i>Journal of Climate</i> , 2013, 26, 7240-7266.	1.2	58

#	ARTICLE	IF	CITATIONS
1818	Atmosphereâ€œOcean Interactions at Strong Couplings in a Simple Model of El NiÃ±o. <i>Journal of Climate</i> , 2013, 26, 9633-9654.	1.2	6
1819	A time series of mean global skin SST anomaly using data from ATSR-2 and AATSR. <i>Remote Sensing of Environment</i> , 2013, 135, 64-76.	4.6	9
1820	Regional to global assessments of phytoplankton dynamics from the SeaWiFS mission. <i>Remote Sensing of Environment</i> , 2013, 135, 77-91.	4.6	254
1821	Can Top-of-Atmosphere Radiation Measurements Constrain Climate Predictions? Part I: Tuning. <i>Journal of Climate</i> , 2013, 26, 9348-9366.	1.2	19
1822	Robust twenty-first-century projections of El NiÃ±o and related precipitation variability. <i>Nature</i> , 2013, 502, 541-545.	13.7	358
1823	Ensemble spreadâ€¢based assessment of observation impact: application to a global ocean analysis system. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 1842-1862.	1.0	21
1824	EN4: Quality controlled ocean temperature and salinity profiles and monthly objective analyses with uncertainty estimates. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 6704-6716.	1.0	1,117
1825	Evaluation of spring persistent rainfall over East Asia in CMIP3/CMIP5 AGCM simulations. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1587-1600.	1.9	20
1826	Impacts of two types of El NiÃ±o on atmospheric circulation in the Southern Hemisphere. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1732-1742.	1.9	24
1827	Two types of El NiÃ±o-related Southern Oscillation and their different impacts on global land precipitation. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1743-1757.	1.9	35
1828	Changes in future precipitation over South Korea using a global high-resolution climate model. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2013, 49, 619-624.	1.3	5
1829	Decadal changes of Meiyu rainfall around 1991 and its relationship with two types of ENSO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9766-9777.	1.2	29
1830	Sensitivity of Limiting Hurricane Intensity to SST in the Atlantic from Observations and GCMs. <i>Journal of Climate</i> , 2013, 26, 5949-5957.	1.2	15
1831	Eastern and Central Pacific ENSO and their relationships to the recharge/discharge oscillator paradigm. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 82, 32-43.	0.6	24
1832	The Association of Tropical and Extratropical Climate Modes to Atmospheric Blocking across Southeastern Australia. <i>Journal of Climate</i> , 2013, 26, 7555-7569.	1.2	21
1833	Hindcast of the 1976/77 and 1998/99 Climate Shifts in the Pacific. <i>Journal of Climate</i> , 2013, 26, 7650-7661.	1.2	76
1834	Regional decline in growth rates of massive <i>Scleractinia</i> corals in Southeast Asia. <i>Global Change Biology</i> , 2013, 19, 3011-3023.	4.2	85
1835	Arctic Sea Ice Reduction and Extreme Climate Events over the Mediterranean Region. <i>Journal of Climate</i> , 2013, 26, 10101-10110.	1.2	36

#	ARTICLE	IF	CITATIONS
1836	Tropical cyclone genesis potential index over the western North Pacific simulated by LASG/IAP AGCM. <i>Journal of Meteorological Research</i> , 2013, 27, 50-62.	1.0	4
1837	The Changing Length of the Warming Period of the Annual Temperature Cycle in the High Latitudes Under Global Warming. <i>Atmosphere - Ocean</i> , 2013, 51, 309-318.	0.6	5
1838	Distribution of the tropical Pacific surface zonal wind anomaly and its relation with two types of El Niño. <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 1137-1152.	0.7	3
1839	The roles of aerosol direct and indirect effects in past and future climate change. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4521-4532.	1.2	169
1840	North Atlantic Ocean control on surface heat flux on multidecadal timescales. <i>Nature</i> , 2013, 499, 464-467.	13.7	267
1841	Temperature Change on the Antarctic Peninsula Linked to the Tropical Pacific*. <i>Journal of Climate</i> , 2013, 26, 7570-7585.	1.2	98
1842	The Surface Climate Response to 11-Yr Solar Forcing during Northern Winter: Observational Analyses and Comparisons with GCM Simulations. <i>Journal of Climate</i> , 2013, 26, 7489-7506.	1.2	36
1843	The sampling and estimation of marine paleodiversity patterns: implications of a Pliocene model. <i>Paleobiology</i> , 2013, 39, 1-20.	1.3	32
1844	Subantarctic Mode Water Formation, Destruction, and Export in the Eddy-Permitting Southern Ocean State Estimate. <i>Journal of Physical Oceanography</i> , 2013, 43, 1485-1511.	0.7	73
1845	Increasing drought under global warming in observations and models. <i>Nature Climate Change</i> , 2013, 3, 52-58.	8.1	3,342
1846	Large-Scale Control on the Patagonian Climate. <i>Journal of Climate</i> , 2013, 26, 215-230.	1.2	436
1847	Intensified eastward and northward propagation of tropical intraseasonal oscillation over the equatorial Indian Ocean in a global warming scenario. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 167-174.	1.9	7
1848	Relationship between Bering Sea ice cover and East Asian winter monsoon year-to-year variations. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 48-56.	1.9	62
1849	Will the South Asian monsoon overturning circulation stabilize any further?. <i>Climate Dynamics</i> , 2013, 40, 187-211.	1.7	144
1850	On atmospheric radiative feedbacks associated with climate variability and change. <i>Climate Dynamics</i> , 2013, 40, 475-492.	1.7	24
1851	A verification framework for interannual-to-decadal predictions experiments. <i>Climate Dynamics</i> , 2013, 40, 245-272.	1.7	254
1852	Upper ocean warming pattern in the past 50 years. <i>Journal of Oceanography</i> , 2013, 69, 87-95.	0.7	3
1853	Variability of marine climate on the North Icelandic Shelf in a 1357-year proxy archive based on growth increments in the bivalve <i>Arctica islandica</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 373, 141-151.	1.0	296

#	ARTICLE	IF	CITATIONS
1854	Extreme drought events in the years 1877â€“1878, and 1928, in the southeast Qilian Mountains and the airâ€“sea coupling system. <i>Quaternary International</i> , 2013, 283, 85-92.	0.7	29
1855	Insights into Circum-Arctic sea ice variability from molecular geochemistry. <i>Quaternary Science Reviews</i> , 2013, 79, 63-73.	1.4	37
1856	Revisiting the Indian summer monsoonâ€“ENSO links in the IPCC AR4 projections: A cautionary outlook. <i>Global and Planetary Change</i> , 2013, 104, 51-60.	1.6	9
1857	Improving coral-base paleoclimate reconstructions by replicating 350years of coral Sr/Ca variations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 373, 6-24.	1.0	122
1858	Warm climate isotopic simulations: what do we learn about interglacial signals in Greenland ice cores?. <i>Quaternary Science Reviews</i> , 2013, 67, 59-80.	1.4	43
1859	Mapping recent sea ice conditions in the Barents Sea using the proxy biomarker IP25: implications for palaeo sea ice reconstructions. <i>Quaternary Science Reviews</i> , 2013, 79, 26-39.	1.4	48
1860	Predicting Pacific Decadal Variability. <i>Geophysical Monograph Series</i> , 0, , 105-120.	0.1	17
1861	Southern Ocean bottom water characteristics in CMIP5 models. <i>Geophysical Research Letters</i> , 2013, 40, 1409-1414.	1.5	179
1862	Predictable Climate Impacts of the Decadal Changes in the Ocean in the 1990s. <i>Journal of Climate</i> , 2013, 26, 6329-6339.	1.2	37
1863	Evaluation of the sea ice proxy IP25 against observational and diatom proxy data in the SW Labrador Sea. <i>Quaternary Science Reviews</i> , 2013, 79, 53-62.	1.4	41
1864	Reconstructing past sea ice cover of the Northern Hemisphere from dinocyst assemblages: status of the approach. <i>Quaternary Science Reviews</i> , 2013, 79, 122-134.	1.4	88
1865	Arabian Sea ecosystem responses to the South Tropical Atlantic teleconnection. <i>Journal of Marine Systems</i> , 2013, 117-118, 14-30.	0.9	21
1866	Aridity changes in the eastern Qilian Mountains since AD 1856 reconstructed from tree-rings. <i>Quaternary International</i> , 2013, 283, 78-84.	0.7	40
1867	Southern Hemisphere westerly wind changes during the Last Glacial Maximum: model-data comparison. <i>Quaternary Science Reviews</i> , 2013, 64, 104-120.	1.4	121
1868	Impact of subgrid-scale ice thickness distribution on heat flux on and through sea ice. <i>Ocean Modelling</i> , 2013, 71, 13-25.	1.0	10
1869	Climate conditions in the westernmost Mediterranean over the last two millennia: An integrated biomarker approach. <i>Organic Geochemistry</i> , 2013, 55, 1-10.	0.9	43
1870	Uncertainties and importance of sea spray composition on aerosol direct and indirect effects. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 220-235.	1.2	62
1871	Malaria epidemics and the influence of the tropical South Atlantic on the Indian monsoon. <i>Nature Climate Change</i> , 2013, 3, 502-507.	8.1	25

#	ARTICLE	IF	CITATIONS
1872	Roles of ENSO and PDO in the Link of the East Asian Winter Monsoon to the following Summer Monsoon. <i>Journal of Climate</i> , 2013, 26, 622-635.	1.2	277
1873	Stratospheric Variability in Twentieth-Century CMIP5 Simulations of the Met Office Climate Model: High Top versus Low Top. <i>Journal of Climate</i> , 2013, 26, 1595-1606.	1.2	54
1874	Synthesis of integrated primary production in the Arctic Ocean: II. In situ and remotely sensed estimates. <i>Progress in Oceanography</i> , 2013, 110, 107-125.	1.5	131
1875	Synthesis of primary production in the Arctic Ocean: I. Surface waters, 1954–2007. <i>Progress in Oceanography</i> , 2013, 110, 93-106.	1.5	75
1876	Caribbean coral growth influenced by anthropogenic aerosol emissions. <i>Nature Geoscience</i> , 2013, 6, 362-366.	5.4	20
1877	A Strengthened Influence of ENSO on August High Temperature Extremes over the Southern Yangtze River Valley since the Late 1980s. <i>Journal of Climate</i> , 2013, 26, 2205-2221.	1.2	66
1878	Boreal summer convection oscillation over the Indo-Western Pacific and its relationship with the East Asian summer monsoon. <i>Atmospheric Science Letters</i> , 2013, 14, 66-71.	0.8	27
1879	Impact of the ocean diurnal cycle on the North Atlantic mean sea surface temperatures in a regionally coupled model. <i>Dynamics of Atmospheres and Oceans</i> , 2013, 60, 28-45.	0.7	10
1880	Interannual Climate Variability over the Tropical Pacific Ocean Induced by the Indian Ocean Dipole through the Indonesian Throughflow. <i>Journal of Climate</i> , 2013, 26, 2845-2861.	1.2	87
1881	Anatomy of an Extreme Event. <i>Journal of Climate</i> , 2013, 26, 2811-2832.	1.2	243
1882	Aerosol and ozone changes as forcing for climate evolution between 1850 and 2100. <i>Climate Dynamics</i> , 2013, 40, 2223-2250.	1.7	157
1883	Cloud tuning in a coupled climate model: Impact on 20th century warming. <i>Geophysical Research Letters</i> , 2013, 40, 2246-2251.	1.5	115
1884	Solar cycle modulation of the ENSO impact on the winter climate of East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5111-5119.	1.2	42
1885	Evidence of the dependence of groundwater resources on extreme rainfall in East Africa. <i>Nature Climate Change</i> , 2013, 3, 374-378.	8.1	257
1886	Historical Antarctic mean sea ice area, sea ice trends, and winds in CMIP5 simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5105-5110.	1.2	91
1887	Interhemispheric Temperature Asymmetry over the Twentieth Century and in Future Projections. <i>Journal of Climate</i> , 2013, 26, 5419-5433.	1.2	148
1888	Recent and historical range shifts of two canopy-forming seaweeds in North Spain and the link with trends in sea surface temperature. <i>Acta Oecologica</i> , 2013, 51, 1-10.	0.5	69
1889	Effects of solar penetration on the annual cycle of sea surface temperature in the North Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 2793-2801.	1.0	13

#	ARTICLE	IF	CITATIONS
1890	Have Aerosols Caused the Observed Atlantic Multidecadal Variability?. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 1135-1144.	0.6	282
1891	Future change of the global monsoon revealed from 19 CMIP5 models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1247-1260.	1.2	117
1892	Southeast Australia Autumn Rainfall Reduction: A Climate-Change-Induced Poleward Shift of Ocean-Atmosphere Circulation. <i>Journal of Climate</i> , 2013, 26, 189-205.	1.2	79
1893	Decadal variability of droughts and floods in the Yellow River basin during the last five centuries and relations with the North Atlantic SST. <i>International Journal of Climatology</i> , 2013, 33, 3217-3228.	1.5	37
1894	Global Warming Shifts the Monsoon Circulation, Drying South Asia. <i>Journal of Climate</i> , 2013, 26, 2701-2718.	1.2	133
1895	Southern Annular Mode Dynamics in Observations and Models. Part I: The Influence of Climatological Zonal Wind Biases in a Comprehensive GCM. <i>Journal of Climate</i> , 2013, 26, 3953-3967.	1.2	26
1896	Tree-ring-based annual precipitation reconstruction for the H&C&Horrridor, NW China: consequences for climate history on and beyond the mid-latitude Asian continent. <i>Boreas</i> , 2013, 42, 1008-1021.	1.2	20
1897	Biomarker distributions in surface sediments from the Kara and Laptev seas (Arctic Ocean): indicators for organic-carbon sources and sea-ice coverage. <i>Quaternary Science Reviews</i> , 2013, 79, 40-52.	1.4	75
1898	Retrospective prediction of the global warming slowdown in the past decade. <i>Nature Climate Change</i> , 2013, 3, 649-653.	8.1	170
1899	Global trends in surface ocean CO ₂ from in situ data. <i>Global Biogeochemical Cycles</i> , 2013, 27, 541-557.	1.9	126
1900	Can natural variability explain observed Antarctic sea ice trends? New modeling evidence from CMIP5. <i>Geophysical Research Letters</i> , 2013, 40, 3195-3199.	1.5	143
1901	The Possible Influence of a Nonconventional El Niño on the Severe Autumn Drought of 2009 in Southwest China. <i>Journal of Climate</i> , 2013, 26, 8392-8405.	1.2	158
1902	The 2002/2003 El Niño: Equatorial waves sequence and their impact on sea surface temperature. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 346-357.	1.0	7
1903	Anthropogenic aerosol forcing of Atlantic tropical storms. <i>Nature Geoscience</i> , 2013, 6, 534-539.	5.4	145
1904	Decadal prediction of interannual tropical and North Pacific sea surface temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5913-5922.	1.2	23
1905	Seasonal climate predictability and forecasting: status and prospects. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2013, 4, 245-268.	3.6	283
1906	Climate-change impact on the 20th-century relationship between the Southern Annular Mode and global mean temperature. <i>Scientific Reports</i> , 2013, 3, 2039.	1.6	56
1908	Statistical constraints on El Niño Southern Oscillation reconstructions using individual foraminifera: A sensitivity analysis. <i>Paleoceanography</i> , 2013, 28, 401-412.	3.0	45

#	ARTICLE	IF	CITATIONS
1909	Climate change impacts on coral reefs: Synergies with local effects, possibilities for acclimation, and management implications. <i>Marine Pollution Bulletin</i> , 2013, 74, 526-539.	2.3	135
1910	Initialisation and predictability of the AMOC over the last 50 years in a climate model. <i>Climate Dynamics</i> , 2013, 40, 2381-2399.	1.7	72
1911	Impacts of Atmospheric Temperature Trends on Tropical Cyclone Activity. <i>Journal of Climate</i> , 2013, 26, 3877-3891.	1.2	83
1912	Observational evidences of Walker circulation change over the last 30 years contrasting with GCM results. <i>Climate Dynamics</i> , 2013, 40, 1721-1732.	1.7	94
1913	Influence of ENSO and of the Indian Ocean Dipole on the Indian summer monsoon variability. <i>Climate Dynamics</i> , 2013, 41, 81-103.	1.7	94
1914	The role of northern Arabian Sea surface temperature biases in CMIP5 model simulations and future projections of Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 2013, 41, 155-172.	1.7	110
1915	High resolution simulation of the South Asian monsoon using a variable resolution global climate model. <i>Climate Dynamics</i> , 2013, 41, 173-194.	1.7	80
1916	A 352-year record of summer temperature reconstruction in the western Tianshan Mountains, China, as deduced from tree-ring density. <i>Quaternary Research</i> , 2013, 80, 158-166.	1.0	32
1917	Projected response of the Indian Ocean Dipole to greenhouse warming. <i>Nature Geoscience</i> , 2013, 6, 999-1007.	5.4	201
1918	Dynamic downscaling of the twentieth-century reanalysis over the southeastern United States. <i>Regional Environmental Change</i> , 2013, 13, 15-23.	1.4	18
1919	Explaining Extreme Events of 2012 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, S1-S74.	1.7	229
1920	Identifying the types of major El Niño events since 1870. <i>International Journal of Climatology</i> , 2013, 33, 2105-2112.	1.5	127
1921	Annual sea surface temperature lag as an indicator of regional climate variability. <i>International Journal of Climatology</i> , 2013, 33, 2309-2317.	1.5	3
1922	On the drivers of inter-annual and decadal rainfall variability in Queensland, Australia. <i>International Journal of Climatology</i> , 2013, 33, 2413-2430.	1.5	54
1923	Why is the amplitude of the Indian Ocean Dipole overly large in CMIP3 and CMIP5 climate models?. <i>Geophysical Research Letters</i> , 2013, 40, 1200-1205.	1.5	128
1924	Contrasting Effects of Central Pacific and Eastern Pacific El Niño on stratospheric water vapor. <i>Geophysical Research Letters</i> , 2013, 40, 4115-4120.	1.5	33
1925	Confounding effects of coral growth and high SST variability on skeletal Sr/Ca: Implications for coral paleothermometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1277-1293.	1.0	35
1926	Independent confirmation of global land warming without the use of station temperatures. <i>Geophysical Research Letters</i> , 2013, 40, 3170-3174.	1.5	46

#	ARTICLE	IF	CITATIONS
1927	Increased ventilation of Antarctic deep water during the warm mid-Pliocene. <i>Nature Communications</i> , 2013, 4, 1499.	5.8	31
1928	Coral population trajectories, increased disturbance and management intervention: a sensitivity analysis. <i>Ecology and Evolution</i> , 2013, 3, 1050-1064.	0.8	62
1929	Dynamic Downscaling of the Impact of Climate Change on the Ocean Circulation in the Galápagos Archipelago. <i>Advances in Meteorology</i> , 2013, 2013, 1-18.	0.6	13
1930	Ocean-Atmosphere Forcing of Summer Streamflow Drought in Great Britain. <i>Journal of Hydrometeorology</i> , 2013, 14, 331-344.	0.7	35
1931	Multidecadal ENSO Amplitude Variability in a 1000-yr Simulation of a Coupled Global Climate Model: Implications for Observed ENSO Variability. <i>Journal of Climate</i> , 2013, 26, 9399-9407.	1.2	25
1932	New estimates of Arctic and Antarctic sea ice extent during September 1964 from recovered Nimbus II satellite imagery. <i>Cryosphere</i> , 2013, 7, 699-705.	1.5	53
1933	Contrasting Impacts of Two Types of ENSO on the Boreal Spring Hadley Circulation. <i>Journal of Climate</i> , 2013, 26, 4773-4789.	1.2	113
1934	An Ensemble Adjustment Kalman Filter for the CCSM4 Ocean Component. <i>Journal of Climate</i> , 2013, 26, 7392-7413.	1.2	44
1935	Seasonal-to-Interannual Prediction of the Asian Summer Monsoon in the NCEP Climate Forecast System Version 2. <i>Journal of Climate</i> , 2013, 26, 3708-3727.	1.2	91
1936	Impact of Surface Forcing on Southern Hemisphere Atmospheric Blocking in the Australia-New Zealand Sector. <i>Journal of Climate</i> , 2013, 26, 8476-8494.	1.2	17
1937	Interdecadal Relationship between the Mean State and El Niño Types*. <i>Journal of Climate</i> , 2013, 26, 361-379.	1.2	103
1938	On the Bias in Simulated ENSO SSTA Meridional Widths of CMIP3 Models. <i>Journal of Climate</i> , 2013, 26, 3173-3186.	1.2	45
1939	Modes and Mechanisms of Global Water Vapor Variability over the Twentieth Century. <i>Journal of Climate</i> , 2013, 26, 5578-5593.	1.2	36
1940	Austral Summer Teleconnections of Indo-Pacific Variability: Their Nonlinearity and Impacts on Australian Climate. <i>Journal of Climate</i> , 2013, 26, 2796-2810.	1.2	25
1941	Changes in the Risk of Extratropical Cyclones in Eastern Australia. <i>Journal of Climate</i> , 2013, 26, 1403-1417.	1.2	34
1942	Seasonal Predictions of Tropical Cyclones Using a 25-km-Resolution General Circulation Model. <i>Journal of Climate</i> , 2013, 26, 380-398.	1.2	136
1943	The Norwegian Earth System Model, NorESM1-M - Part 2: Climate response and scenario projections. <i>Geoscientific Model Development</i> , 2013, 6, 389-415.	1.3	226
1944	Sensitivity of Simulated Climate to Two Atmospheric Models: Interpretation of Differences between Dry Models and Moist Models. <i>Monthly Weather Review</i> , 2013, 141, 1558-1576.	0.5	57

#	ARTICLE	IF	CITATIONS
1945	An integrated assessment modeling framework for uncertainty studies in global and regional climate change: the MIT IGSM-CAM (version 1.0). <i>Geoscientific Model Development</i> , 2013, 6, 2063-2085.	1.3	46
1946	Stratospheric response to Arctic sea ice retreat and associated planetary wave propagation changes. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 65, 19375.	0.8	94
1947	Mechanisms causing reduced Arctic sea ice loss in a coupled climate model. <i>Cryosphere</i> , 2013, 7, 555-567.	1.5	4
1948	External forcing of the early 20th century Arctic warming. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2013, 65, 20578.	0.8	22
1949	Pacific Ocean Contribution to the Asymmetry in Eastern Indian Ocean Variability. <i>Journal of Climate</i> , 2013, 26, 1152-1171.	1.2	36
1950	Impacts of Snow Initialization on Subseasonal Forecasts of Surface Air Temperature for the Cold Season. <i>Journal of Climate</i> , 2013, 26, 1956-1972.	1.2	67
1951	The Circulation Response to Idealized Changes in Stratospheric Water Vapor. <i>Journal of Climate</i> , 2013, 26, 545-561.	1.2	50
1952	Response to CO2 Doubling of the Atlantic Hurricane Main Development Region in a High-Resolution Climate Model. <i>Journal of Climate</i> , 2013, 26, 4322-4334.	1.2	5
1953	Validation of the ATSR Reprocessing for Climate (ARC) Dataset Using Data from Drifting Buoys and a Three-Way Error Analysis. <i>Journal of Climate</i> , 2013, 26, 4758-4772.	1.2	21
1954	The Asymmetric Influence of the Two Types of El Niño and La Niña on Summer Rainfall over Southeast China. <i>Journal of Climate</i> , 2013, 26, 4567-4582.	1.2	103
1955	On the Variability of Wind Power Input to the Oceans with a Focus on the Subpolar North Atlantic. <i>Journal of Climate</i> , 2013, 26, 3892-3903.	1.2	11
1956	Long-Term Behavior of the Atlantic Interhemispheric SST Gradient in the CMIP5 Historical Simulations. <i>Journal of Climate</i> , 2013, 26, 8628-8640.	1.2	17
1957	The Different Impact of Positive-Neutral and Negative-Neutral ENSO Regimes on Australian Tropical Cyclones. <i>Journal of Climate</i> , 2013, 26, 8008-8016.	1.2	23
1958	Observed versus GCM-Generated Local Tropical Cyclone Frequency: Comparisons Using a Spatial Lattice. <i>Journal of Climate</i> , 2013, 26, 8257-8268.	1.2	24
1959	The Influence of the AMOC Variability on the Atmosphere in CCSM3. <i>Journal of Climate</i> , 2013, 26, 9774-9790.	1.2	29
1960	Evaluating Low-Cloud Simulation from an Upgraded Multiscale Modeling Framework Model. Part II: Seasonal Variations over the Eastern Pacific. <i>Journal of Climate</i> , 2013, 26, 5741-5760.	1.2	30
1961	Cloud and Water Vapor Feedbacks to the El Niño Warming: Are They Still Biased in CMIP5 Models?. <i>Journal of Climate</i> , 2013, 26, 4947-4961.	1.2	85
1962	The SOCOL version 3.0 chemistry-climate model: description, evaluation, and implications from an advanced transport algorithm. <i>Geoscientific Model Development</i> , 2013, 6, 1407-1427.	1.3	120

#	ARTICLE	IF	CITATIONS
1963	The Canadian Seasonal to Interannual Prediction System. Part I: Models and Initialization. <i>Monthly Weather Review</i> , 2013, 141, 2910-2945.	0.5	265
1964	Are Greenhouse Gases Changing ENSO Precursors in the Western North Pacific?*. <i>Journal of Climate</i> , 2013, 26, 6309-6322.	1.2	48
1965	Simulating SST Teleconnections to Africa: What is the State of the Art?. <i>Journal of Climate</i> , 2013, 26, 5397-5418.	1.2	85
1966	Origin of the Intraseasonal Variability over the North Pacific in Boreal Summer*. <i>Journal of Climate</i> , 2013, 26, 1211-1229.	1.2	49
1967	Exploring the Impact of Land Cover and Topography on Rainfall Maxima in the Netherlands. <i>Journal of Hydrometeorology</i> , 2013, 14, 524-542.	0.7	16
1968	Quantifying errors in coral-based ENSO estimates: Toward improved forward modeling of $\delta^{18}O$. <i>Paleoceanography</i> , 2013, 28, 633-649.	3.0	21
1969	Palaeoecological evidence of a historical collapse of corals at Pelorus Island, inshore Great Barrier Reef, following European settlement. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122100.	1.2	102
1970	Attribution of changes in precipitation patterns in African rainforests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120299.	1.8	30
1971	Two Modes of Change in Southern Ocean Productivity Over the Past Million Years. <i>Science</i> , 2013, 339, 1419-1423.	6.0	194
1972	An Empirical Benchmark for Decadal Forecasts of Global Surface Temperature Anomalies. <i>Journal of Climate</i> , 2013, 26, 5260-5269.	1.2	90
1973	A Predictable AMO-Like Pattern in the GFDL Fully Coupled Ensemble Initialization and Decadal Forecasting System. <i>Journal of Climate</i> , 2013, 26, 650-661.	1.2	97
1974	Systematic winter sea-surface temperature biases in the northern Arabian Sea in HiGEM and the CMIP3 models. <i>Environmental Research Letters</i> , 2013, 8, 014028.	2.2	32
1975	Realism of the Indian Ocean Dipole in CMIP5 Models: The Implications for Climate Projections. <i>Journal of Climate</i> , 2013, 26, 6649-6659.	1.2	63
1976	High dimensional decision dilemmas in climate models. <i>Geoscientific Model Development</i> , 2013, 6, 1673-1687.	1.3	4
1977	Variability of the North Atlantic summer storm track: mechanisms and impacts on European climate. <i>Environmental Research Letters</i> , 2013, 8, 034037.	2.2	89
1978	Different impacts of the two types of El Niño on Asian summer monsoon onset. <i>Environmental Research Letters</i> , 2013, 8, 044053.	2.2	33
1979	Impact of Different ENSO Regimes on Southwest Pacific Tropical Cyclones. <i>Journal of Climate</i> , 2013, 26, 600-608.	1.2	46
1980	Asynchronous food-web pathways could buffer the response of Serengeti predators to El Niño Southern Oscillation. <i>Ecology</i> , 2013, 94, 1123-1130.	1.5	27

#	ARTICLE	IF	CITATIONS
1981	Last Glacial Maximum ice sheet impacts on North Atlantic climate variability: The importance of the sea ice lid. <i>Geophysical Research Letters</i> , 2013, 40, 6378-6383.	1.5	39
1982	Characteristics of the ocean simulations in the Max Planck Institute Ocean Model (MPIOM) the ocean component of the MPI-Earth system model. <i>Journal of Advances in Modeling Earth Systems</i> , 2013, 5, 422-446.	1.3	574
1983	Climate and carbon cycle changes from 1850 to 2100 in MPI-ESM simulations for the Coupled Model Intercomparison Project phase 5. <i>Journal of Advances in Modeling Earth Systems</i> , 2013, 5, 572-597.	1.3	1,280
1984	Reconstructions of surface ocean conditions from the northeast Atlantic and Nordic seas during the last millennium. <i>Holocene</i> , 2013, 23, 921-935.	0.9	49
1985	Extracting the Dominant SST Modes Impacting North America's Observed Climate*. <i>Journal of Climate</i> , 2013, 26, 5434-5452.	1.2	22
1986	Boreal and temperate snow cover variations induced by black carbon emissions in the middle of the 21st century. <i>Cryosphere</i> , 2013, 7, 537-554.	1.5	25
1988	Implementation of the Fast-JX Photolysis scheme (v6.4) into the UKCA component of the MetUM chemistry-climate model (v7.3). <i>Geoscientific Model Development</i> , 2013, 6, 161-177.	1.3	84
1989	Comparative Analysis of Sea Surface Temperature Pattern in the Eastern and Western Gulfs of Arabian Sea and the Red Sea in Recent Past Using Satellite Data. <i>International Journal of Oceanography</i> , 2013, 1-16.	0.2	40
1990	Multiyear Predictions of North Atlantic Hurricane Frequency: Promise and Limitations. <i>Journal of Climate</i> , 2013, 26, 5337-5357.	1.2	57
1991	Optimising the FAMOUS climate model: inclusion of global carbon cycling. <i>Geoscientific Model Development</i> , 2013, 6, 141-160.	1.3	19
1992	Origin of seasonal predictability for summer climate over the Northwestern Pacific. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7574-7579.	3.3	253
1993	An event attribution of the 2010 drought in the South Amazon region using the MIROC5 model. <i>Atmospheric Science Letters</i> , 2013, 14, 170-175.	0.8	46
1994	Spatiotemporal variability of Alberta's seasonal precipitation, their teleconnection with large-scale climate anomalies and sea surface temperature. <i>International Journal of Climatology</i> , 2013, 34, n/a-n/a.	1.5	21
1995	Evaluation of CMIP5 20 th century climate simulations for the Pacific Northwest USA. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 10,884.	1.2	238
1996	Disentangling different types of El Niño episodes by evolving climate network analysis. <i>Physical Review E</i> , 2013, 88, 052807.	0.8	79
1997	Classification of warm and cold water events in the eastern tropical Atlantic Ocean. <i>Atmospheric Science Letters</i> , 2013, 14, 102-106.	0.8	23
1998	Annually Resolved Ice Core Records of Tropical Climate Variability over the Past ~1800 Years. <i>Science</i> , 2013, 340, 945-950.	6.0	216
1999	A unifying view of climate change in the Sahel linking intra-seasonal, interannual and longer time scales. <i>Environmental Research Letters</i> , 2013, 8, 024010.	2.2	141

#	ARTICLE	IF	CITATIONS
2000	Trends in Arctic sea ice and the role of atmospheric circulation. <i>Atmospheric Science Letters</i> , 2013, 14, 97-101.	0.8	35
2001	Remote influence of North Atlantic <scp>SST</scp> on the equatorial westerly wind anomalies in the western Pacific for initiating an El Niño event: an Atmospheric General Circulation Model Study. <i>Atmospheric Science Letters</i> , 2013, 14, 107-111.	0.8	15
2002	Age and growth of longnose trevally (<i>Carangoides chrysophrys</i>) in the Arabian Sea. <i>Journal of Applied Ichthyology</i> , 2013, 29, 1056-1060.	0.3	3
2003	Identification of the Eurasian "North Pacific Multidecadal Oscillation and Its Relationship to the AMO. <i>Journal of Climate</i> , 2013, 26, 8139-8153.	1.2	10
2004	Classifying El Niño Modoki I and II by Different Impacts on Rainfall in Southern China and Typhoon Tracks. <i>Journal of Climate</i> , 2013, 26, 1322-1338.	1.2	168
2005	Multimodel seasonal forecasting of global drought onset. <i>Geophysical Research Letters</i> , 2013, 40, 4900-4905.	1.5	130
2006	Multiresolution analysis of precipitation teleconnections with large-scale climate signals: A case study in South Australia. <i>Water Resources Research</i> , 2013, 49, 6995-7008.	1.7	51
2007	Northern Hemisphere summer monsoon intensified by mega-El Niño/southern oscillation and Atlantic multidecadal oscillation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5347-5352.	3.3	313
2008	Enhanced seasonal forecast skill following stratospheric sudden warmings. <i>Nature Geoscience</i> , 2013, 6, 98-102.	5.4	288
2009	The Impact of SST Bias Correction on North Atlantic Hurricane Retrospective Forecasts. <i>Monthly Weather Review</i> , 2013, 141, 490-498.	0.5	13
2010	ENSO Transition, Duration, and Amplitude Asymmetries: Role of the Nonlinear Wind Stress Coupling in a Conceptual Model. <i>Journal of Climate</i> , 2013, 26, 9462-9476.	1.2	124
2011	A 426-year drought history for Western Tian Shan, Central Asia, inferred from tree rings and linkages to the North Atlantic and Indo-West Pacific Oceans. <i>Holocene</i> , 2013, 23, 1095-1104.	0.9	81
2012	The Tropical Ocean Circulation and Dynamics. <i>International Geophysics</i> , 2013, 103, 385-412.	0.6	4
2013	Climate Change from 1850 to 2005 Simulated in CESM1(WACCM). <i>Journal of Climate</i> , 2013, 26, 7372-7391.	1.2	706
2014	Observational challenges in evaluating climate models. <i>Nature Climate Change</i> , 2013, 3, 940-941.	8.1	52
2015	Asymmetric forcing from stratospheric aerosols impacts Sahelian rainfall. <i>Nature Climate Change</i> , 2013, 3, 660-665.	8.1	269
2016	The Seasonal Cycle of Blocking and Associated Physical Mechanisms in the Australian Region and Relationship with Rainfall. <i>Monthly Weather Review</i> , 2013, 141, 4534-4553.	0.5	44
2017	A review of observed and projected changes in climate for the islands in the Caribbean. <i>Atmosfera</i> , 2013, 26, 283-309.	0.3	91

#	ARTICLE	IF	CITATIONS
2018	Asymmetry in the IOD and ENSO Teleconnection in a CMIP5 Model Ensemble and Its Relevance to Regional Rainfall. <i>Journal of Climate</i> , 2013, 26, 5139-5149.	1.2	37
2019	Seasonal and Long-Term Coupling between Wintertime Storm Tracks and Sea Surface Temperature in the North Pacific. <i>Journal of Climate</i> , 2013, 26, 6123-6136.	1.2	45
2020	Recent Trends in Arctic Sea Ice and the Evolving Role of Atmospheric Circulation Forcing, 1979-2007. <i>Geophysical Monograph Series</i> , 0, , 7-26.	0.1	16
2021	Simulation of optimal arctic routes using a numerical sea ice model based on an ice-coupled ocean circulation method. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2013, 5, 210-226.	1.0	36
2022	Sea Surface Temperature of the mid-Piacenzian Ocean: A Data-Model Comparison. <i>Scientific Reports</i> , 2013, 3, 2013.	1.6	124
2023	Lithium in the aragonite skeletons of massive <i>Porites</i> corals: A new tool to reconstruct tropical sea surface temperatures. <i>Paleoceanography</i> , 2013, 28, 143-152.	3.0	61
2024	Contributions to twentieth century total column ozone change from halocarbons, tropospheric ozone precursors, and climate change. <i>Geophysical Research Letters</i> , 2013, 40, 6276-6281.	1.5	9
2025	What is the Trajectory of Arctic Sea Ice?. <i>Geophysical Monograph Series</i> , 2013, , 175-185.	0.1	2
2026	Arctic Cloud Properties and Radiative Forcing from Observations and their Role in Sea Ice Decline Predicted by the NCAR CCSM3 Model During the 21st Century. <i>Geophysical Monograph Series</i> , 0, , 47-62.	0.1	8
2027	Analysis of Arctic Sea Ice Anomalies in a Coupled Model Control Simulation. <i>Geophysical Monograph Series</i> , 0, , 187-211.	0.1	2
2028	Modeling the stratospheric warming following the Mt. Pinatubo eruption: uncertainties in aerosol extinctions. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 11221-11234.	1.9	68
2029	Net influence of an internally generated quasi-biennial oscillation on modelled stratospheric climate and chemistry. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 12187-12197.	1.9	6
2030	A global historical ozone data set and prominent features of stratospheric variability prior to 1979. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 9623-9639.	1.9	18
2031	Anthropogenic agent implicated as a prime driver of shift in precipitation in eastern China in the late 1970s. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 12433-12450.	1.9	76
2032	Evaluation of factors controlling global secondary organic aerosol production from cloud processes. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 1913-1926.	1.9	27
2033	Interactive ozone and methane chemistry in GISS-E2 historical and future climate simulations. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 2653-2689.	1.9	150
2034	Influence of the sunspot cycle on the Northern Hemisphere wintertime circulation from long upper-air data sets. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 6275-6288.	1.9	36
2035	A lagged response to the 11 year solar cycle in observed winter Atlantic/European weather patterns. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 13,405.	1.2	154

#	ARTICLE	IF	CITATIONS
2036	Sensitivity of the atmospheric response to warm pool El Niño events to modeled SSTs and future climate forcings. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 13,371.	1.2	12
2037	The ozone response to ENSO in Aura satellite measurements and a chemistry-climate simulation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 965-976.	1.2	98
2038	Assessing spatial variability in El Niño Southern Oscillation event detection skill using coral geochemistry. <i>Paleoceanography</i> , 2013, 28, 14-23.	3.0	16
2039	Falling monsoon depression frequency: A Gray-Sikka conditions perspective. <i>Scientific Reports</i> , 2013, 3, 2989.	1.6	55
2040	EVALUATION OF OXYGEN ISOTOPE AND SR/CA RATIOS FROM A MALDIVIAN SCLERACTINIAN CORAL FOR RECONSTRUCTION OF CLIMATE VARIABILITY IN THE NORTHWESTERN INDIAN OCEAN. <i>Palaios</i> , 2013, 28, 42-55.	0.6	9
2041	On the Need of Intermediate Complexity General Circulation Models: A "SPEEDY" Example. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 25-30.	1.7	104
2042	The simulation of water vapor transport in East Asia using a regional air-sea coupled model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1585-1600.	1.2	4
2043	Global analysis of night marine air temperature and its uncertainty since 1880: The HadNMAT2 data set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1281-1298.	1.2	62
2044	May-September precipitation in the Bhutan Himalaya since 1743 as reconstructed from tree ring cellulose $\delta^{18}O$. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8399-8410.	1.2	91
2045	In the hot seat: Insolation, ENSO, and vegetation in the African tropics. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1347-1358.	1.3	4
2046	Circulation Variation Over the Western North Pacific and Its Association with Tropical Ssta Over the Indian Ocean and the Pacific. <i>Chinese Journal of Geophysics</i> , 2013, 56, 382-399.	0.2	0
2047	Impacts of ENSO on autumn rainfall over Yellow River loop valley in observation: Possible mechanism and stability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 3110-3119.	1.2	6
2048	Tree ring-based seven-century drought records for the Western Himalaya, India. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4318-4325.	1.2	37
2049	Impact of sea surface temperature trend on late summer Asian rainfall in the twentieth century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4256-4266.	1.2	2
2050	The Greenland Ice Sheet's surface mass balance in a seasonally sea ice-free Arctic. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1533-1544.	1.0	19
2051	Impact of preindustrial to present-day changes in short-lived pollutant emissions on atmospheric composition and climate forcing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8086-8110.	1.2	103
2052	Oxygen isotopes in tree rings record variation in precipitation $\delta^{18}O$ and amount effects in the south of Mexico. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1604-1615.	1.3	30
2053	Role of advection in Arctic Ocean lower trophic dynamics: A modeling perspective. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 1571-1586.	1.0	55

#	ARTICLE	IF	CITATIONS
2054	Seasonal forecast skill of Arctic sea ice area in a dynamical forecast system. <i>Geophysical Research Letters</i> , 2013, 40, 529-534.	1.5	118
2055	Can the 2011 East African drought be attributed to human-induced climate change?. <i>Geophysical Research Letters</i> , 2013, 40, 1177-1181.	1.5	95
2056	Multi-system seasonal predictions of Arctic sea ice. <i>Geophysical Research Letters</i> , 2013, 40, 1551-1556.	1.5	47
2057	Changes in precipitation intensity over East Asia during the 20th and 21st centuries simulated by a global atmospheric model with a 60-km grid size. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 11,007.	1.2	34
2058	A comparative assessment of monthly mean wind speed products over the global ocean. <i>International Journal of Climatology</i> , 2013, 33, 2520-2541.	1.5	60
2059	Extratropical forcing of ENSO. <i>Geophysical Research Letters</i> , 2013, 40, 1605-1611.	1.5	51
2060	Characterizing decadal to centennial variability in the equatorial Pacific during the last millennium. <i>Geophysical Research Letters</i> , 2013, 40, 3450-3456.	1.5	79
2062	Sensitivity of summer precipitation to tropical sea surface temperatures over East Asia in the GRIMs GMP. <i>Geophysical Research Letters</i> , 2013, 40, 1824-1831.	1.5	11
2063	Changes to environmental parameters that control tropical cyclone genesis under global warming. <i>Geophysical Research Letters</i> , 2013, 40, 2265-2270.	1.5	19
2064	Interdecadal variability in tropical cyclone frequency over the South China Sea and its association with the Indian Ocean sea surface temperature. <i>Geophysical Research Letters</i> , 2013, 40, 768-771.	1.5	40
2065	Potential of equatorial Atlantic variability to enhance El Niño prediction. <i>Geophysical Research Letters</i> , 2013, 40, 2278-2283.	1.5	123
2066	Dynamical prediction of the East Asian winter monsoon by the NCEP Climate Forecast System. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1312-1328.	1.2	62
2067	The role of the solar irradiance variability in the evolution of the middle atmosphere during 2004-2009. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 3781-3793.	1.2	19
2068	Distinct impact of tropical SSTs on summer North Pacific high and western North Pacific subtropical high. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4107-4116.	1.2	32
2069	Impact of volcanic stratospheric aerosols on diurnal temperature range in Europe over the past 2000 years: Observations versus model simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9064-9077.	1.2	7
2070	Linear interference and the Northern Annular Mode response to tropical SST forcing: Sensitivity to model configuration. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4267-4279.	1.2	14
2071	Temperature trends in the tropical upper troposphere and lower stratosphere: Connections with sea surface temperatures and implications for water vapor and ozone. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9658-9672.	1.2	47
2072	Predictable signals of seasonal precipitation in the Yangtze-Huaihe River Valley. <i>International Journal of Climatology</i> , 2013, 33, 3002-3015.	1.5	16

#	ARTICLE	IF	CITATIONS
2073	Global and regional climate in 2012. <i>Weather</i> , 2013, 68, 240-246.	0.6	1
2074	Influence of climate variability on seasonal extremes over Australia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 643-654.	1.2	113
2075	Discharge of major global rivers in the late 21st century climate projected with the high horizontal resolution MRI-AGCMs. <i>Hydrological Processes</i> , 2013, 27, 3301-3318.	1.1	23
2076	Future change of the potential landslide disasters as evaluated from precipitation data simulated by MRI-AGCM3.1. <i>Hydrological Processes</i> , 2013, 27, 3332-3340.	1.1	6
2077	Evaluation of clouds in ACCESS using the satellite simulator package COSP: Regime-sorted tropical cloud properties. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6663-6679.	1.2	30
2078	ENSO dynamics: Low-dimensional chaotic or stochastic?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 2161-2168.	1.2	7
2079	Simulated Arctic atmospheric feedbacks associated with late summer sea ice anomalies. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 7698-7714.	1.2	71
2080	Tropospheric ozone decrease due to the Mount Pinatubo eruption: Reduced stratospheric influx. <i>Geophysical Research Letters</i> , 2013, 40, 5553-5558.	1.5	20
2081	The Atmospheric Response to Realistic Reduced Summer Arctic Sea Ice Anomalies. <i>Geophysical Monograph Series</i> , 0, , 91-110.	0.1	26
2082	The western Pacific monsoon in CMIP5 models: Model evaluation and projections. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 12,458.	1.2	13
2083	A Bayesian Network Modeling Approach to Forecasting the 21st Century Worldwide Status of Polar Bears. <i>Geophysical Monograph Series</i> , 0, , 213-268.	0.1	83
2084	A comparative study of large-scale atmospheric circulation in the context of a future scenario (RCP4.5) and past warmth (mid-Pliocene). <i>Climate of the Past</i> , 2013, 9, 1613-1627.	1.3	30
2085	The Norwegian Earth System Model, NorESM1-M " Part 1: Description and basic evaluation of the physical climate. <i>Geoscientific Model Development</i> , 2013, 6, 687-720.	1.3	725
2086	Impacts of soil-aquifer heat and water fluxes on simulated global climate. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1963-1974.	1.9	14
2087	Can an Earth System Model simulate better climate change at mid-Holocene than an AOGCM? A comparison study of MIROC-ESM and MIROC3. <i>Climate of the Past</i> , 2013, 9, 1519-1542.	1.3	7
2088	Coupled atmosphere ocean climate model simulations in the Mediterranean region: effect of a high-resolution marine model on cyclones and precipitation. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 1567-1577.	1.5	19
2089	The surface temperatures of Earth: steps towards integrated understanding of variability and change. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2013, 2, 305-321.	0.6	25
2090	Sea-Level and Ocean Heat-Content Change. <i>International Geophysics</i> , 2013, , 697-725.	0.6	9

#	ARTICLE	IF	CITATIONS
2091	Comparing historical and modern methods of sea surface temperature measurement – Part 1: Review of methods, field comparisons and dataset adjustments. <i>Ocean Science</i> , 2013, 9, 683-694.	1.3	20
2092	Influence of physical and biological processes on the seasonal cycle of biogenic flux in the equatorial Indian Ocean. <i>Biogeosciences</i> , 2013, 10, 7493-7507.	1.3	10
2093	An assessment of the Atlantic and Arctic sea-air CO ₂ fluxes, 1990–2009. <i>Biogeosciences</i> , 2013, 10, 607-627.	1.3	131
2094	The impact of early Holocene Arctic shelf flooding on climate in an atmosphere–ocean–sea–ice model. <i>Climate of the Past</i> , 2013, 9, 2651-2667.	1.3	12
2095	Nested atmospheric inversion for the terrestrial carbon sources and sinks in China. <i>Biogeosciences</i> , 2013, 10, 5311-5324.	1.3	40
2096	20th century intraseasonal Asian monsoon dynamics viewed from Isomap. <i>Nonlinear Processes in Geophysics</i> , 2013, 20, 725-741.	0.6	13
2097	Warm Arctic, Cold Continents: A Common Pattern Related to Arctic Sea Ice Melt, Snow Advance, and Extreme Winter Weather. <i>Oceanography</i> , 2013, 26, .	0.5	95
2098	Increased summer rainfall in northwest Australia linked to southern Indian Ocean climate variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 467-480.	1.2	24
2099	Effect of SST Variation on ITCZ in APE Simulations. <i>Journal of the Meteorological Society of Japan</i> , 2013, 91A, 195-215.	0.7	5
2100	Oceanographic variability in the South Pacific Convergence Zone region over the last 2100 years from multi-site coral Sr/Ca records. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1435-1453.	1.0	37
2101	Contrasting Phylogeography of Sandy vs. Rocky Supralittoral Isopods in the Megadiverse and Geologically Dynamic Gulf of California and Adjacent Areas. <i>PLoS ONE</i> , 2013, 8, e67827.	1.1	31
2102	Inferred changes in El Niño–Southern Oscillation variance over the past six centuries. <i>Climate of the Past</i> , 2013, 9, 2269-2284.	1.3	75
2103	Future projection of mean river discharge climatology for the Chao Phraya River basin. <i>Hydrological Research Letters</i> , 2013, 7, 36-41.	0.3	23
2104	A neural network-based estimate of the seasonal to inter-annual variability of the Atlantic Ocean carbon sink. <i>Biogeosciences</i> , 2013, 10, 7793-7815.	1.3	167
2105	Examining reliability of seasonal to decadal sea surface temperature forecasts: The role of ensemble dispersion. <i>Geophysical Research Letters</i> , 2013, 40, 5770-5775.	1.5	38
2106	Inter-annual tropical Pacific climate variability in an isotope-enabled CGCM: implications for interpreting coral stable oxygen isotope records of ENSO. <i>Climate of the Past</i> , 2013, 9, 1543-1557.	1.3	36
2107	A model analysis of the interactions between East Asian anthropogenic aerosols and North Pacific atmospheric transients in boreal winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 306-316.	1.2	8
2108	Comparing historical and modern methods of sea surface temperature measurement – Part 2: Field comparison in the central tropical Pacific. <i>Ocean Science</i> , 2013, 9, 695-711.	1.3	29

#	ARTICLE	IF	CITATIONS
2109	Unravelling Eastern Pacific and Central Pacific ENSO Contributions in South Pacific Chlorophyll-a Variability through Remote Sensing. <i>Remote Sensing</i> , 2013, 5, 4067-4087.	1.8	7
2110	Effects on Summer Monsoon and Rainfall Change Over China Duo to Eurasian Snow Cover and Ocean Thermal Conditions. , 0, , .		10
2111	Event Attribution of the August 2010 Russian Heat Wave. <i>Scientific Online Letters on the Atmosphere</i> , 2013, 9, 65-68.	0.6	20
2112	Evaluation of the ability of the Chinese stalagmite $\delta^{18}O$ to record the variation in atmospheric circulation during the second half of the 20th century. <i>Climate of the Past</i> , 2014, 10, 975-985.	1.3	7
2113	Attribution of the June-July 2013 Heat Wave in the Southwestern United States. <i>Scientific Online Letters on the Atmosphere</i> , 2014, 10, 122-126.	0.6	43
2114	Time of emergence of trends in ocean biogeochemistry. <i>Biogeosciences</i> , 2014, 11, 3647-3659.	1.3	81
2115	Hydroclimate changes over Central America and the Caribbean in a global warming climate projected with 20-km and 60-km mesh MRI atmospheric general circulation models. <i>Papers in Meteorology and Geophysics</i> , 2014, 65, 15-33.	0.9	17
2116	Dynamical mechanisms for asymmetric SSTA patterns associated with some Indian Ocean Dipoles. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 3076-3097.	1.0	13
2117	Tropical influence independent of ENSO on the austral summer Southern Annular Mode. <i>Geophysical Research Letters</i> , 2014, 41, 3643-3648.	1.5	16
2118	Late Holocene sea level variability and Atlantic Meridional Overturning Circulation. <i>Paleoceanography</i> , 2014, 29, 765-777.	3.0	12
2119	Evaluation of Labrador Sea Water formation in a global Finite-Element Sea-Ice Ocean Model setup, based on a comparison with observational data. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1644-1667.	1.0	13
2120	Coupled versus uncoupled hindcast simulations of the Madden-Julian Oscillation in the Year of Tropical Convection. <i>Geophysical Research Letters</i> , 2014, 41, 5670-5677.	1.5	43
2121	Coral Luminescence Identifies the Pacific Decadal Oscillation as a Primary Driver of River Runoff Variability Impacting the Southern Great Barrier Reef. <i>PLoS ONE</i> , 2014, 9, e84305.	1.1	30
2122	Surviving Coral Bleaching Events: Porites Growth Anomalies on the Great Barrier Reef. <i>PLoS ONE</i> , 2014, 9, e88720.	1.1	114
2123	Response of the Southern Annular Mode to tidal forcing and the bidecadal rainfall cycle over subtropical southern Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2032-2049.	1.2	2
2124	Formation and distribution of sea ice in the Gulf of St. Lawrence: A process-oriented study using a coupled ocean-ice model. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 7099-7122.	1.0	7
2125	Spatio-Temporal Variability of Winter Monsoon over the Indochina Peninsula. <i>Atmosphere</i> , 2014, 5, 101-121.	1.0	15
2126	Modelling the dynamics of the Tanzanian coastal waters. <i>Journal of Oceanography and Marine Science</i> , 2014, 5, 1-7.	0.8	23

#	ARTICLE	IF	CITATIONS
2127	The role of the Amazon Basin moisture in the atmospheric branch of the hydrological cycle: a Lagrangian analysis. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2577-2598.	1.9	116
2128	Relative role of tropical SST forcing in the 1990s periodicity change of the Pacificâ€‘Japan pattern interannual variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 13,043.	1.2	48
2129	Implication of methodological uncertainties for mid-Holocene sea surface temperature reconstructions. <i>Climate of the Past</i> , 2014, 10, 2237-2252.	1.3	23
2130	Assessment of the structure and variability of Weddell Sea water masses in distinct ocean reanalysis products. <i>Ocean Science</i> , 2014, 10, 523-546.	1.3	15
2131	Southern Ocean carbon trends: Sensitivity to methods. <i>Geophysical Research Letters</i> , 2014, 41, 6833-6840.	1.5	39
2132	Coupled ice sheetâ€‘climate modeling under glacial and pre-industrial boundary conditions. <i>Climate of the Past</i> , 2014, 10, 1817-1836.	1.3	34
2133	divand-1.0: <i>n</i>-dimensional variational data analysis for ocean observations. <i>Geoscientific Model Development</i> , 2014, 7, 225-241.	1.3	39
2134	Impact of Barents Sea winter airâ€‘sea exchanges on Fram Strait dense water transport. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1009-1021.	1.0	5
2135	The land-ice contribution to 21st-century dynamic sea level rise. <i>Ocean Science</i> , 2014, 10, 485-500.	1.3	10
2136	Persistent decadal-scale rainfall variability in the tropical South Pacific Convergence Zone through the past six centuries. <i>Climate of the Past</i> , 2014, 10, 1319-1332.	1.3	27
2137	Application and evaluation of a new radiation code under McICA scheme in BCC_AGCM2.0.1. <i>Geoscientific Model Development</i> , 2014, 7, 737-754.	1.3	55
2138	Fluctuations of a Greenlandic tidewater glacier driven by changes in atmospheric forcing: observations and modelling of Kangiata Nunaata Sermia, 1859â€‘present. <i>Cryosphere</i> , 2014, 8, 2031-2045.	1.5	26
2139	The coupled atmosphereâ€‘chemistryâ€‘ocean model SOCOL-MPIOM. <i>Geoscientific Model Development</i> , 2014, 7, 2157-2179.	1.3	44
2140	Global climate model and projected hydro-meteorological extremes in the future. , 0, , 77-87.		1
2141	Temperature and Precipitation Climatology Assessment over South Asia using the Regional Climate Model (RegCM4.3): An Evaluation of the Model Performance. <i>Journal of Earth Science & Climatic Change</i> , 2014, 05, .	0.2	11
2142	Roles of transport and chemistry processes in global ozone change on interannual and multidecadal time scales. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 4903-4921.	1.2	32
2143	GO5.0: the joint NERCâ€‘Met Office NEMO global ocean model for use in coupled and forced applications. <i>Geoscientific Model Development</i> , 2014, 7, 1069-1092.	1.3	127
2144	Decadal Covariability of the Northern Wintertime Land Surface Temperature and Atmospheric Circulation. <i>Journal of Climate</i> , 2014, 27, 633-651.	1.2	5

#	ARTICLE	IF	CITATIONS
2145	ENSO Asymmetry in CMIP5 Models. <i>Journal of Climate</i> , 2014, 27, 4070-4093.	1.2	107
2146	Climate downscaling over southern South America for present-day climate (1970-1989) using the MM5 model. Mean, interannual variability and internal variability. <i>Atmosfera</i> , 2014, 27, 117-140.	0.3	7
2147	Extreme Rainfall Variability in Australia: Patterns, Drivers, and Predictability*. <i>Journal of Climate</i> , 2014, 27, 6035-6050.	1.2	92
2148	Evaluating clouds, aerosols, and their interactions in three global climate models using satellite simulators and observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 10,876-10,901.	1.2	28
2149	Impacts of the Oyashio Temperature Front on the Regional Climate. <i>Journal of Climate</i> , 2014, 27, 7861-7873.	1.2	19
2150	Tropical temperature trends in Atmospheric General Circulation Model simulations and the impact of uncertainties in observed SSTs. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 13,327.	1.2	48
2151	Spatiotemporal characteristics of seasonal to multidecadal variability of $p\langle\text{CO}\rangle_{2}$ and air-sea $\text{CO}\rangle_{2}$ fluxes in the equatorial $P\langle\text{O}\rangle_{\text{cean}}$. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 8987-9012.	1.0	27
2152	On the Atlantic-Pacific Ni±os connection: a multidecadal modulated mode. <i>Climate Dynamics</i> , 2014, 43, 3163-3178.	1.7	81
2153	Increasing potential of biomass burning over Sumatra, Indonesia induced by anthropogenic tropical warming. <i>Environmental Research Letters</i> , 2014, 9, 104010.	2.2	20
2154	Intense Precipitation Events Associated with Landfalling Tropical Cyclones in Response to a Warmer Climate and Increased CO ₂ . <i>Journal of Climate</i> , 2014, 27, 4642-4654.	1.2	81
2155	Sensitivity of Tropical Cyclone Rainfall to Idealized Global-Scale Forcings*. <i>Journal of Climate</i> , 2014, 27, 4622-4641.	1.2	98
2156	Investigation of sea surface temperature changes from replicated coral Sr/Ca variations in the eastern equatorial Pacific (Clipperton Atoll) since 1874. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 412, 208-222.	1.0	25
2157	Conventional Oil and Gas. , 2014, , 19-52.		0
2158	Intensified Arctic warming under greenhouse warming by vegetation-atmosphere-sea ice interaction. <i>Environmental Research Letters</i> , 2014, 9, 094007.	2.2	27
2159	The surface impacts of Arctic stratospheric ozone anomalies. <i>Environmental Research Letters</i> , 2014, 9, 074015.	2.2	53
2160	Joint statistical-dynamical approach to decadal prediction of East Asian surface air temperature. <i>Science China Earth Sciences</i> , 2014, 57, 3062-3072.	2.3	7
2161	Centennial-Scale Sea Surface Temperature Analysis and Its Uncertainty. <i>Journal of Climate</i> , 2014, 27, 57-75.	1.2	436
2162	Seasonal variability of the East Greenland Coastal Current. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 3967-3987.	1.0	51

#	ARTICLE	IF	CITATIONS
2163	Range extension of the blue and yellow damselfish <i>Chromis limbaughi</i> (Pomacentridae) to the northern Gulf of California, Mexico. <i>Marine Biodiversity Records</i> , 2014, 7, .	1.2	7
2164	How Does the East Asian Summer Monsoon Behave in the Decaying Phase of El Niño during Different PDO Phases?. <i>Journal of Climate</i> , 2014, 27, 2682-2698.	1.2	152
2165	Multidecadal Variability of North China Aridity and Its Relationship to PDO during 1900–2010. <i>Journal of Climate</i> , 2014, 27, 1210-1222.	1.2	258
2166	Evaluation of annual resolution coral geochemical records as climate proxies in the Great Barrier Reef of Australia. <i>Coral Reefs</i> , 2014, 33, 965-977.	0.9	16
2167	Simulated Global Swell and Wind-Sea Climate and Their Responses to Anthropogenic Climate Change at the End of the Twenty-First Century. <i>Journal of Climate</i> , 2014, 27, 3516-3536.	1.2	74
2168	Trend of Surface Air Temperature in Eastern China and Associated Large-Scale Climate Variability over the Last 100 Years. <i>Journal of Climate</i> , 2014, 27, 4693-4703.	1.2	58
2169	Predictability of the Barents Sea Ice in Early Winter: Remote Effects of Oceanic and Atmospheric Thermal Conditions from the North Atlantic. <i>Journal of Climate</i> , 2014, 27, 8884-8901.	1.2	60
2170	The Initiation and Developing Mechanisms of Central Pacific El Niños. <i>Journal of Climate</i> , 2014, 27, 4473-4485.	1.2	33
2171	The Impact of the El Niño–Southern Oscillation and Atlantic Meridional Mode on Seasonal Atlantic Tropical Cyclone Activity. <i>Journal of Climate</i> , 2014, 27, 5311-5328.	1.2	82
2172	Observational and Model Estimates of Cloud Amount Feedback over the Indian and Pacific Oceans. <i>Journal of Climate</i> , 2014, 27, 925-940.	1.2	24
2173	The Curious Case of Indian Ocean Warming*,+. <i>Journal of Climate</i> , 2014, 27, 8501-8509.	1.2	337
2174	Late Winter Sea Ice in the Bering Sea: Predictor for Maize and Rice Production in Northeast China. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 1183-1192.	0.6	22
2175	Reemergence Mechanisms for North Pacific Sea Ice Revealed through Nonlinear Laplacian Spectral Analysis*. <i>Journal of Climate</i> , 2014, 27, 6265-6287.	1.2	23
2176	The Influence of Tropical Pacific SST Anomaly on Surface Air Temperature in China. <i>Journal of Climate</i> , 2014, 27, 1425-1444.	1.2	14
2177	Combined analyses reveal environmentally driven changes in the North Sea ecosystem and raise questions regarding what makes an ecosystem model's performance credible?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 31-46.	0.7	33
2178	Impacts of Autumn Arctic Sea Ice Concentration Changes on the East Asian Winter Monsoon Variability. <i>Journal of Climate</i> , 2014, 27, 5433-5450.	1.2	70
2179	An Anatomy of the Cooling of the North Atlantic Ocean in the 1960s and 1970s. <i>Journal of Climate</i> , 2014, 27, 8229-8243.	1.2	43
2180	Predicting Summer Rainfall over the Yangtze–Huai Region Based on Time-Scale Decomposition Statistical Downscaling. <i>Weather and Forecasting</i> , 2014, 29, 162-176.	0.5	8

#	ARTICLE	IF	CITATIONS
2181	Oceanic Forcing of Antarctic Climate Change: A Study Using a Stretched-Grid Atmospheric General Circulation Model. <i>Journal of Climate</i> , 2014, 27, 5786-5800.	1.2	37
2182	Influence of Model Biases on Projected Future Changes in Tropical Cyclone Frequency of Occurrence*. <i>Journal of Climate</i> , 2014, 27, 2159-2181.	1.2	57
2183	Using Initialized Hindcasts to Assess Simulations of 1970â€“2009 Equatorial Pacific SST, Zonal Wind Stress, and Surface Flux Trends. <i>Journal of Climate</i> , 2014, 27, 7385-7393.	1.2	1
2184	Regime-Dependent Nonstationary Relationship between the East Asian Winter Monsoon and North Pacific Oscillation. <i>Journal of Climate</i> , 2014, 27, 8185-8204.	1.2	40
2185	Prediction of Eastern and Central Pacific ENSO Events and Their Impacts on East Asian Climate by the NCEP Climate Forecast System. <i>Journal of Climate</i> , 2014, 27, 4451-4472.	1.2	55
2186	Indian Ocean Decadal Variability: A Review. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1679-1703.	1.7	210
2187	Nonlinear Feedbacks Associated with the Indian Ocean Dipole and Their Response to Global Warming in the GFDL-ESM2M Coupled Climate Model. <i>Journal of Climate</i> , 2014, 27, 3904-3919.	1.2	14
2188	Variability of Tropical Cyclone Track Density in the North Atlantic: Observations and High-Resolution Simulations. <i>Journal of Climate</i> , 2014, 27, 4797-4814.	1.2	31
2189	Indo-Pacificâ€“Induced Wave Trains during Austral Autumn and Their Effect on Australian Rainfall. <i>Journal of Climate</i> , 2014, 27, 3208-3221.	1.2	10
2190	The Impacts of European and Asian Anthropogenic Sulfur Dioxide Emissions on Sahel Rainfall. <i>Journal of Climate</i> , 2014, 27, 7000-7017.	1.2	44
2191	Skillful Seasonal Prediction of the Southern Annular Mode and Antarctic Ozone. <i>Journal of Climate</i> , 2014, 27, 7462-7474.	1.2	53
2192	El NiÃ±o Flavors and Their Simulated Impacts on Atmospheric Circulation in the High Southern Latitudes*. <i>Journal of Climate</i> , 2014, 27, 8934-8955.	1.2	37
2193	Comment on Qian et al. 2008: La NiÃ±a and El NiÃ±o composites of atmospheric CO ₂ change. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 66, 20428.	0.8	5
2194	Observed Local and Remote Influences of Vegetation on the Atmosphere across North America Using a Model-Validated Statistical Technique That First Excludes Oceanic Forcings*. <i>Journal of Climate</i> , 2014, 27, 362-382.	1.2	18
2195	The Varied Impacts of El NiÃ±oâ€“Southern Oscillation on Pacific Island Climates. <i>Journal of Climate</i> , 2014, 27, 4015-4036.	1.2	47
2196	Distinguishing Interannual Variations of the Northern and Southern Modes of the East Asian Winter Monsoon. <i>Journal of Climate</i> , 2014, 27, 835-851.	1.2	85
2197	Simulation of the Global ENSOâ€“Tropical Cyclone Teleconnection by a High-Resolution Coupled General Circulation Model. <i>Journal of Climate</i> , 2014, 27, 6404-6422.	1.2	41
2198	Analysis of the Nonlinearity of El NiÃ±oâ€“Southern Oscillation Teleconnections*. <i>Journal of Climate</i> , 2014, 27, 6225-6244.	1.2	110

#	ARTICLE	IF	CITATIONS
2199	Can We Constrain CMIP5 Rainfall Projections in the Tropical Pacific Based on Surface Warming Patterns?*. <i>Journal of Climate</i> , 2014, 27, 9123-9138.	1.2	20
2200	Seasonal Drought in the Greater Horn of Africa and Its Recent Increase during the March–May Long Rains. <i>Journal of Climate</i> , 2014, 27, 7953-7975.	1.2	175
2201	How Does El Niño Affect the Interannual Variability of the Boreal Summer Hadley Circulation?. <i>Journal of Climate</i> , 2014, 27, 2622-2642.	1.2	30
2202	Subseasonal Analysis of Precipitation Variability in the Blue Nile River Basin. <i>Journal of Climate</i> , 2014, 27, 325-344.	1.2	42
2203	Summer Arctic Atmospheric Circulation Response to Spring Eurasian Snow Cover and Its Possible Linkage to Accelerated Sea Ice Decrease. <i>Journal of Climate</i> , 2014, 27, 6551-6558.	1.2	40
2204	The Precipitation Response over the Continental United States to Cold Tropical Pacific Sea Surface Temperatures. <i>Journal of Climate</i> , 2014, 27, 5036-5055.	1.2	10
2205	The Early Winter Sea Ice Variability under the Recent Arctic Climate Shift. <i>Journal of Climate</i> , 2014, 27, 5092-5110.	1.2	19
2206	The Indian Ocean Sea Surface Temperature Warming Simulated by CMIP5 Models during the Twentieth Century: Competing Forcing Roles of GHGs and Anthropogenic Aerosols. <i>Journal of Climate</i> , 2014, 27, 3348-3362.	1.2	94
2207	Estimating sea-surface temperature transport fields from stochastically-forced fluctuations. <i>New Journal of Physics</i> , 2014, 16, 105001.	1.2	4
2208	Initial Transient Response of the Winter Polar Stratospheric Vortex to Idealized Equatorial Pacific Sea Surface Temperature Anomalies in the NCAR WACCM. <i>Journal of Climate</i> , 2014, 27, 2699-2713.	1.2	22
2209	Linking Centennial Surface Warming Patterns in the Equatorial Pacific to the Relative Strengths of the Walker and Hadley Circulations. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 3454-3464.	0.6	17
2210	Seasonal Tropical Cyclone Predictions Using Optimized Combinations of ENSO Regions: Application to the Coral Sea Basin. <i>Journal of Climate</i> , 2014, 27, 8527-8542.	1.2	16
2211	Web-Based Reanalysis Intercomparison Tools (WRIT) for Analysis and Comparison of Reanalyses and Other Datasets. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1671-1678.	1.7	38
2212	The South Pacific Meridional Mode: A Mechanism for ENSO-like Variability. <i>Journal of Climate</i> , 2014, 27, 769-783.	1.2	188
2213	Interdecadal Variations in ENSO Influences on Northwest Pacific–East Asian Early Summertime Climate Simulated in CMIP5 Models. <i>Journal of Climate</i> , 2014, 27, 5982-5998.	1.2	64
2214	Response of the Wintertime Northern Hemisphere Atmospheric Circulation to Current and Projected Arctic Sea Ice Decline: A Numerical Study with CAM5. <i>Journal of Climate</i> , 2014, 27, 244-264.	1.2	256
2215	Role of Tropical SST Variability on the Formation of Subtropical Dipoles. <i>Journal of Climate</i> , 2014, 27, 4486-4507.	1.2	28
2216	Volcanic Influence on European Summer Precipitation through Monsoons: Possible Cause for “Years without Summer”. <i>Journal of Climate</i> , 2014, 27, 3683-3691.	1.2	66

#	ARTICLE	IF	CITATIONS
2217	Attribution and Characteristics of Wet and Dry Seasons in the Upper Colorado River Basin. <i>Journal of Climate</i> , 2014, 27, 8661-8673.	1.2	5
2218	Observed Relationship of Boreal Winter South Pacific Tripole SSTA with Eastern China Rainfall during the Following Boreal Spring. <i>Journal of Climate</i> , 2014, 27, 8094-8106.	1.2	6
2219	Assessment of Modes of Interannual Variability of Southern Hemisphere Atmospheric Circulation in CMIP5 Models. <i>Journal of Climate</i> , 2014, 27, 8107-8125.	1.2	8
2220	Seasonal Climate Associated with Major Shipping Routes in the North Pacific and North Atlantic. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2014, 25, 381.	0.3	3
2222	Description and basic evaluation of Beijing Normal University Earth System Model (BNU-ESM) version 1. <i>Geoscientific Model Development</i> , 2014, 7, 2039-2064.	1.3	229
2223	Origin and life history of Atlantic salmon (<i>Salmo salar</i>) near their northernmost oceanic limit. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 1740-1746.	0.7	24
2224	Iceberg sightings, shapes and management techniques for offshore Newfoundland and Labrador: Historical data and future applications. , 2014, , .		1
2225	Tropical Connections to Climatic Change in the Extratropical Southern Hemisphere: The Role of Atlantic SST Trends. <i>Journal of Climate</i> , 2014, 27, 4923-4936.	1.2	80
2226	Robust increase of the equatorial Pacific rainfall and its variability in a warmed climate. <i>Geophysical Research Letters</i> , 2014, 41, 3227-3232.	1.5	29
2227	Climatic and atmospheric teleconnection indices and western Arctic sea ice variability. <i>Physical Geography</i> , 2014, 35, 459-477.	0.6	8
2228	Decadal-scale variability in hazardous winds in northern Switzerland since end of the 19th century. <i>Atmospheric Science Letters</i> , 2014, 15, 86-91.	0.8	13
2229	Change in the Odds of Warm Years and Seasons Due to Anthropogenic Influence on the Climate. <i>Journal of Climate</i> , 2014, 27, 2607-2621.	1.2	32
2230	The Different Configurations of the East Asian Polar Front Jet and Subtropical Jet and the Associated Rainfall Anomalies over Eastern China in Summer. <i>Journal of Climate</i> , 2014, 27, 8205-8220.	1.2	53
2231	Influence of the IOD on the relationship between El Niño Modoki and the East Asian-western North Pacific summer monsoon. <i>International Journal of Climatology</i> , 2014, 34, 1729-1736.	1.5	18
2232	Predictions of Climate Several Years Ahead Using an Improved Decadal Prediction System. <i>Journal of Climate</i> , 2014, 27, 7550-7567.	1.2	21
2233	Nonlinear Controls on the Persistence of La Niña*. <i>Journal of Climate</i> , 2014, 27, 7335-7355.	1.2	91
2234	A model study of tropospheric impacts of the Arctic ozone depletion 2011. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 7999-8014.	1.2	41
2235	The D-Day landing of June 1944: extratropical cyclones and surface winds in June 1944 compared with a climatology based on the Twentieth Century Reanalysis. <i>Weather</i> , 2014, 69, 176-180.	0.6	0

#	ARTICLE	IF	CITATIONS
2236	A cascade of warming impacts brings bluefin tuna to Greenland waters. <i>Global Change Biology</i> , 2014, 20, 2484-2491.	4.2	78
2237	Trends and variability of temperature extremes in the tropical Western Pacific. <i>International Journal of Climatology</i> , 2014, 34, 2585-2603.	1.5	27
2238	Southeastern Australian climate variability 1860–2009: a multivariate analysis. <i>International Journal of Climatology</i> , 2014, 34, 1928-1944.	1.5	36
2239	Eastern Pacific tropical cyclones intensified by El Niño delivery of subsurface ocean heat. <i>Nature</i> , 2014, 516, 82-85.	13.7	115
2240	On the Strengthened Relationship between the East Asian Winter Monsoon and Arctic Oscillation: A Comparison of 1950–70 and 1983–2012. <i>Journal of Climate</i> , 2014, 27, 5075-5091.	1.2	57
2241	Aerosol radiative forcing from the 2010 Eyjafjallajökull volcanic eruptions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 9481-9491.	1.2	24
2242	The strengthening relationship between Arctic Oscillation and ENSO after the mid-1990s. <i>International Journal of Climatology</i> , 2014, 34, 2515-2521.	1.5	33
2243	Incorporating adaptive responses into future projections of coral bleaching. <i>Global Change Biology</i> , 2014, 20, 125-139.	4.2	203
2244	Lateral Heat Exchange after the Labrador Sea Deep Convection in 2008. <i>Journal of Physical Oceanography</i> , 2014, 44, 2991-3007.	0.7	8
2245	Unstable relationship between spring Arctic Oscillation and East Asian summer monsoon. <i>International Journal of Climatology</i> , 2014, 34, 2522-2528.	1.5	23
2246	An updated assessment of trends and variability in total and extreme rainfall in the western Pacific. <i>International Journal of Climatology</i> , 2014, 34, 2775-2791.	1.5	41
2247	Regional precipitation simulations for the mid-1970s shift and early-2000s hiatus. <i>Geophysical Research Letters</i> , 2014, 41, 7658-7665.	1.5	30
2248	Factors contributing to uncertainty in Pacific Decadal Oscillation index. <i>Geophysical Research Letters</i> , 2014, 41, 7980-7986.	1.5	15
2249	Comparison of the impact of two types of El Niño on tropical cyclone genesis over the South China Sea. <i>International Journal of Climatology</i> , 2014, 34, 2651-2660.	1.5	55
2250	Differential impacts of conventional El Niño versus El Niño Modoki on Malaysian rainfall anomaly during winter monsoon. <i>International Journal of Climatology</i> , 2014, 34, 2763-2774.	1.5	40
2251	Climate trends in the Arctic as observed from space. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2014, 5, 389-409.	3.6	236
2252	Periodicity and patterns of ocean wind and wave climate. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 5563-5584.	1.0	51
2253	Understanding and attributing the Euro-Russian summer blocking signatures. <i>Atmospheric Science Letters</i> , 2014, 15, 204-210.	0.8	13

#	ARTICLE	IF	CITATIONS
2254	An Abrupt Decrease in the Late-Season Typhoon Activity over the Western North Pacific*. <i>Journal of Climate</i> , 2014, 27, 4296-4312.	1.2	89
2255	Forcing of the wintertime atmospheric circulation by the multidecadal fluctuations of the North Atlantic ocean. <i>Environmental Research Letters</i> , 2014, 9, 034018.	2.2	176
2256	Effects of Irrigation in India on the Atmospheric Water Budget. <i>Journal of Hydrometeorology</i> , 2014, 15, 1028-1050.	0.7	55
2257	An improved diagnostic stratocumulus scheme based on estimated inversion strength and its performance in GAMIL2. <i>Science China Earth Sciences</i> , 2014, 57, 2637-2649.	2.3	10
2258	Dynamical Causes of the 2010/11 Texasâ€œNorthern Mexico Drought*. <i>Journal of Hydrometeorology</i> , 2014, 15, 39-68.	0.7	101
2259	Out-of-Phase Relationship between Boreal Spring and Summer Decadal Rainfall Changes in Southern China*. <i>Journal of Climate</i> , 2014, 27, 1083-1099.	1.2	97
2260	Chinese contribution to CMIP5: An overview of five Chinese modelsâ€™ performances. <i>Journal of Meteorological Research</i> , 2014, 28, 481-509.	0.9	35
2261	Water Vapor Transport and Moisture Budget over Eastern China: Remote Forcing from the Two Types of El NiÃ±o. <i>Journal of Climate</i> , 2014, 27, 8778-8792.	1.2	57
2262	Decadal climate variability of the North Sea during the last millennium reconstructed from bivalve shells (<i>Arctica islandica</i>). <i>Holocene</i> , 2014, 24, 771-786.	0.9	24
2263	Moisture Asymmetry and MJO Eastward Propagation in an Aquaplanet General Circulation Model*. <i>Journal of Climate</i> , 2014, 27, 8747-8760.	1.2	40
2264	A risk-based approach to evaluating northeast US fish community vulnerability to climate change. <i>ICES Journal of Marine Science</i> , 2014, 71, 2323-2342.	1.2	40
2265	Configuration and assessment of the GISS ModelE2 contributions to the CMIP5 archive. <i>Journal of Advances in Modeling Earth Systems</i> , 2014, 6, 141-184.	1.3	597
2266	Characteristics of tropical cyclones in high-resolution models in the present climate. <i>Journal of Advances in Modeling Earth Systems</i> , 2014, 6, 1154-1172.	1.3	111
2267	The role of the New Guinea cross-equatorial flow in the interannual variability of the western North Pacific summer monsoon. <i>Environmental Research Letters</i> , 2014, 9, 044003.	2.2	9
2268	Reliability of African climate prediction and attribution across timescales. <i>Environmental Research Letters</i> , 2014, 9, 104017.	2.2	6
2269	Temporal and spatial structure of multi-millennial temperature changes at high latitudes during the Last Interglacial. <i>Quaternary Science Reviews</i> , 2014, 103, 116-133.	1.4	146
2270	An interaction network perspective on the relation between patterns of sea surface temperature variability and global mean surface temperature. <i>Earth System Dynamics</i> , 2014, 5, 1-14.	2.7	34
2272	Evaluating decadal predictions of northern hemispheric cyclone frequencies. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 66, 22830.	0.8	20

#	ARTICLE	IF	CITATIONS
2273	Influence of soil moisture and dynamic vegetation coupling on numerical simulations of surface temperature, precipitation and evaporation over the Europe. <i>Geofizika</i> , 2014, 31, 55-75.	0.1	1
2274	Multiyear predictability of tropical marine productivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11646-11651.	3.3	61
2275	Equatorial Atlantic variability and its relation to mean state biases in CMIP5. <i>Climate Dynamics</i> , 2014, 42, 171-188.	1.7	174
2276	The response of extratropical cyclones in the Southern Hemisphere to stratospheric ozone depletion in the 20th century. <i>Atmospheric Science Letters</i> , 2014, 15, 29-36.	0.8	15
2277	Is realistic Antarctic sea-ice extent in climate models the result of excessive ice drift?. <i>Ocean Modelling</i> , 2014, 79, 33-42.	1.0	32
2278	Multidecadal signals within co-occurring intertidal barnacles <i>Semibalanus balanoides</i> and <i>Chthamalus</i> spp. linked to the Atlantic Multidecadal Oscillation. <i>Journal of Marine Systems</i> , 2014, 133, 70-76.	0.9	48
2279	A sensitivity study of the sea ice simulation in the global coupled climate model, HadGEM3. <i>Ocean Modelling</i> , 2014, 74, 60-76.	1.0	28
2280	Evolution of the rainfall regime in the United Arab Emirates. <i>Journal of Hydrology</i> , 2014, 514, 258-270.	2.3	101
2281	La Plata basin precipitation variability in spring: role of remote SST forcing as simulated by GCM experiments. <i>Climate Dynamics</i> , 2014, 42, 219-236.	1.7	9
2282	Probabilistic canonical correlation analysis forecasts, with application to tropical Pacific sea surface temperatures. <i>International Journal of Climatology</i> , 2014, 34, 1405-1413.	1.5	18
2283	Annual maximum 5-day rainfall total and maximum number of consecutive dry days over Central America and the Caribbean in the late twenty-first century projected by an atmospheric general circulation model with three different horizontal resolutions. <i>Theoretical and Applied Climatology</i> , 2014, 116, 155-168.	1.3	30
2284	An analysis of the climate of Macaronesia, 1865–2012. <i>International Journal of Climatology</i> , 2014, 34, 604-622.	1.5	63
2285	Temporal evolution of surface humidity in Spain: recent trends and possible physical mechanisms. <i>Climate Dynamics</i> , 2014, 42, 2655-2674.	1.7	71
2286	Multi-proxy summer and winter precipitation reconstruction for southern Africa over the last 200 years. <i>Climate Dynamics</i> , 2014, 42, 2713-2726.	1.7	56
2287	Tropical pacific forcing of a 1998–1999 climate shift: observational analysis and climate model results for the boreal spring season. <i>Climate Dynamics</i> , 2014, 43, 893-909.	1.7	65
2288	The Little Ice Age climate of New Zealand reconstructed from Southern Alps cirque glaciers: a synoptic type approach. <i>Climate Dynamics</i> , 2014, 42, 3039-3060.	1.7	57
2289	The climate regime shift over the Pacific during 1996/1997. <i>Climate Dynamics</i> , 2014, 43, 435-446.	1.7	47
2290	European blocking and Atlantic jet stream variability in the NCEP/NCAR reanalysis and the CMCC-CMS climate model. <i>Climate Dynamics</i> , 2014, 43, 71-85.	1.7	57

#	ARTICLE	IF	CITATIONS
2291	Decadal scale oscillations and trend in the Indian monsoon rainfall. <i>Climate Dynamics</i> , 2014, 43, 319-331.	1.7	51
2292	Stratosphere key for wintertime atmospheric response to warm Atlantic decadal conditions. <i>Climate Dynamics</i> , 2014, 42, 649-663.	1.7	104
2293	Global warming, low-frequency variability, and biennial oscillation: an attempt to understand the physical mechanisms driving major ENSO events. <i>Climate Dynamics</i> , 2014, 43, 771-786.	1.7	32
2294	Influence of PDO on South Asian summer monsoon and monsoon-ENSO relation. <i>Climate Dynamics</i> , 2014, 42, 2397-2410.	1.7	199
2295	Impact of Mascarene High variability on the East African "short rains"™. <i>Climate Dynamics</i> , 2014, 42, 1259-1274.	1.7	53
2296	An attempt to deconstruct the Atlantic Multidecadal Oscillation. <i>Climate Dynamics</i> , 2014, 43, 607-625.	1.7	36
2297	Summer monsoon circulation and precipitation over the tropical Indian Ocean during ENSO in the NCEP climate forecast system. <i>Climate Dynamics</i> , 2014, 42, 1925-1947.	1.7	19
2298	SST and ENSO variability and change simulated in historical experiments of CMIP5 models. <i>Climate Dynamics</i> , 2014, 42, 2113-2124.	1.7	52
2299	Indian Ocean and monsoon coupled interactions in a warming environment. <i>Climate Dynamics</i> , 2014, 42, 2439-2454.	1.7	88
2300	Stratospheric ozone depletion: a key driver of recent precipitation trends in South Eastern South America. <i>Climate Dynamics</i> , 2014, 42, 1775-1792.	1.7	62
2301	Multi-year prediction skill of Atlantic hurricane activity in CMIP5 decadal hindcasts. <i>Climate Dynamics</i> , 2014, 42, 2675-2690.	1.7	23
2302	Multi-model calibration and combination of tropical seasonal sea surface temperature forecasts. <i>Climate Dynamics</i> , 2014, 42, 597-616.	1.7	15
2303	ENSO representation in climate models: from CMIP3 to CMIP5. <i>Climate Dynamics</i> , 2014, 42, 1999-2018.	1.7	712
2304	Interdecadal changes in interannual variability of the global monsoon precipitation and interrelationships among its subcomponents. <i>Climate Dynamics</i> , 2014, 42, 2585-2601.	1.7	41
2305	Spatio-temporal network analysis for studying climate patterns. <i>Climate Dynamics</i> , 2014, 42, 879-899.	1.7	32
2306	Indian Ocean warming during 1958-2004 simulated by a climate system model and its mechanism. <i>Climate Dynamics</i> , 2014, 42, 203-217.	1.7	88
2307	Different impacts of various El Niño events on the Indian Ocean Dipole. <i>Climate Dynamics</i> , 2014, 42, 991-1005.	1.7	119
2308	Predictability of the subtropical dipole modes in a coupled ocean-atmosphere model. <i>Climate Dynamics</i> , 2014, 42, 1291-1308.	1.7	27

#	ARTICLE	IF	CITATIONS
2309	Causes and predictability of the record wet east Australian spring 2010. <i>Climate Dynamics</i> , 2014, 42, 1155-1174.	1.7	43
2310	Oceanic influence on the sub-seasonal to interannual timing and frequency of extreme dry spells over the West African Sahel. <i>Climate Dynamics</i> , 2014, 42, 189-201.	1.7	23
2311	Spring-summer temperatures since AD 1780 reconstructed from stable oxygen isotope ratios in white spruce tree-rings from the Mackenzie Delta, northwestern Canada. <i>Climate Dynamics</i> , 2014, 42, 771-785.	1.7	51
2312	Influence of Indian Ocean Dipole and Pacific recharge on following year's El Niño: interdecadal robustness. <i>Climate Dynamics</i> , 2014, 42, 291-310.	1.7	101
2313	The variability of the East Asian summer monsoon and its relationship to ENSO in a partially coupled climate model. <i>Climate Dynamics</i> , 2014, 42, 367-379.	1.7	37
2314	Decadal changes in the relationship between the Indian and Australian summer monsoons. <i>Climate Dynamics</i> , 2014, 42, 1043-1052.	1.7	22
2315	Summer temperature in the eastern part of southern South America: its variability in the twentieth century and a teleconnection with Oceania. <i>Climate Dynamics</i> , 2014, 43, 2111-2130.	1.7	10
2316	Are atmospheric biases responsible for the tropical Atlantic SST biases in the CNRM-CM5 coupled model?. <i>Climate Dynamics</i> , 2014, 43, 2963-2984.	1.7	33
2317	Recent climate variation in the Bering and Chukchi Seas and its linkages to large-scale circulation in the Pacific. <i>Climate Dynamics</i> , 2014, 42, 2423-2437.	1.7	24
2318	Decadal prediction skill in the GEOS-5 forecast system. <i>Climate Dynamics</i> , 2014, 42, 1-20.	1.7	36
2319	A theoretical investigation of the tropical Indo-Pacific tripole mode. <i>Science China Earth Sciences</i> , 2014, 57, 174-188.	2.3	28
2320	MJO structure associated with the higher-order CEOF modes. <i>Climate Dynamics</i> , 2014, 43, 1939-1950.	1.7	10
2321	Indian Ocean Dipole and southern high latitude precipitation: possible links. <i>Climate Dynamics</i> , 2014, 43, 1965-1972.	1.7	3
2322	The impact of global warming on the pacific decadal oscillation and the possible mechanism. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 118-130.	1.9	33
2323	The interdecadal changes of south pacific sea surface temperature in the mid-1990s and their connections with ENSO. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 66-84.	1.9	6
2324	Impact of tropical and subtropical SSTs on mid-latitude tropospheric warming in the northern summer of 2010. <i>Climate Dynamics</i> , 2014, 43, 1871-1882.	1.7	2
2325	Future change of the Indian Ocean basin-wide and dipole modes in the CMIP5. <i>Climate Dynamics</i> , 2014, 43, 535-551.	1.7	52
2326	Patterns of decadal-scale Arctic warming events in simulated climate. <i>Climate Dynamics</i> , 2014, 43, 1773-1789.	1.7	20

#	ARTICLE	IF	CITATIONS
2327	An evaluation of the statistical homogeneity of the Twentieth Century Reanalysis. <i>Climate Dynamics</i> , 2014, 42, 2841-2866.	1.7	42
2328	Simulations of two types of El Niño events by an optimal forcing vector approach. <i>Climate Dynamics</i> , 2014, 43, 1677-1692.	1.7	36
2329	Simulated impacts of two types of ENSO events on tropical cyclone activity in the western North Pacific: large-scale atmospheric response. <i>Climate Dynamics</i> , 2014, 42, 2727-2743.	1.7	20
2330	Indian Ocean variability in the CMIP5 multi-model ensemble: the zonal dipole mode. <i>Climate Dynamics</i> , 2014, 43, 1715-1730.	1.7	78
2331	On the use of nudging techniques for regional climate modeling: application for tropical convection. <i>Climate Dynamics</i> , 2014, 43, 1693-1714.	1.7	21
2332	Interdecadal change in the Northern Hemisphere seasonal climate prediction skill: part I. The leading forced mode of atmospheric circulation. <i>Climate Dynamics</i> , 2014, 43, 1595-1609.	1.7	14
2333	A bias correction method for Arctic satellite sea surface temperature observations. <i>Remote Sensing of Environment</i> , 2014, 146, 201-213.	4.6	42
2334	The impact of the AMO on the West African monsoon annual cycle. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 31-46.	1.0	107
2335	Enhanced Central European summer precipitation in the late 19th century: a link to the Tropics. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 111-123.	1.0	12
2336	Increasing frequency of extreme El Niño events due to greenhouse warming. <i>Nature Climate Change</i> , 2014, 4, 111-116.	8.1	1,572
2337	The role of temporal evolution in modeling atmospheric emissions from tropical fires. <i>Atmospheric Environment</i> , 2014, 89, 158-168.	1.9	16
2338	Global sensitivity analysis of an end-to-end marine ecosystem model of the North Sea: Factors affecting the biomass of fish and benthos. <i>Ecological Modelling</i> , 2014, 273, 251-263.	1.2	46
2339	Oceanic Rossby waves induced by the meridional shift of the ITCZ in association with ENSO events. <i>Journal of Oceanography</i> , 2014, 70, 165-174.	0.7	16
2340	Recent progress on two types of El Niño: Observations, dynamics, and future changes. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 69-81.	1.3	124
2341	Characterizing atmospheric circulation signals in Greenland ice cores: insights from a weather regime approach. <i>Climate Dynamics</i> , 2014, 43, 2585-2605.	1.7	29
2342	Interference of the East Asian winter monsoon in the impact of ENSO on the East Asian summer monsoon in decaying phases. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 344-354.	1.9	19
2343	An approach for improving short-term prediction of summer rainfall over North China by decomposing interannual and decadal variability. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 435-448.	1.9	3
2344	An observational analysis of the oceanic and atmospheric structure of global-scale multi-decadal variability. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 316-330.	1.9	26

#	ARTICLE	IF	CITATIONS
2345	An ensemble of models for identifying climate change scenarios in the Gulf of Gabes, Tunisia. <i>Regional Environmental Change</i> , 2014, 14, 31-40.	1.4	15
2346	Using longwave HIRS radiances to test climate models. <i>Climate Dynamics</i> , 2014, 43, 1103-1127.	1.7	10
2347	Uncertainties in the regional climate models simulations of South-Asian summer monsoon and climate change. <i>Climate Dynamics</i> , 2014, 42, 2079-2097.	1.7	53
2348	Weakening AMOC connects Equatorial Atlantic and Pacific interannual variability. <i>Climate Dynamics</i> , 2014, 43, 2931-2941.	1.7	36
2349	A Southern Hemisphere booster of super El Niño. <i>Geophysical Research Letters</i> , 2014, 41, 2142-2149.	1.5	58
2350	Inter-decadal modulation of ENSO teleconnections to the Indian Ocean in a coupled model: Special emphasis on decay phase of El Niño. <i>Global and Planetary Change</i> , 2014, 112, 33-40.	1.6	20
2351	A review of uncertainty in in situ measurements and data sets of sea surface temperature. <i>Reviews of Geophysics</i> , 2014, 52, 1-32.	9.0	165
2352	Multidecadal modulations of the low-frequency climate variability in the wintertime North Pacific since 1950. <i>Geophysical Research Letters</i> , 2014, 41, 2948-2955.	1.5	16
2353	Recent intensification of wind-driven circulation in the Pacific and the ongoing warming hiatus. <i>Nature Climate Change</i> , 2014, 4, 222-227.	8.1	1,115
2354	Spatial and temporal seasonal trends in coastal upwelling off Northwest Africa, 1981–2012. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 86, 94-111.	0.6	161
2355	Northern Eurasian Heat Waves and Droughts. <i>Journal of Climate</i> , 2014, 27, 3169-3207.	1.2	178
2356	Cloud and Radiative Balance Changes in Response to ENSO in Observations and Models. <i>Journal of Climate</i> , 2014, 27, 3100-3113.	1.2	12
2357	Relative entropy minimizing noisy non-linear neural network to approximate stochastic processes. <i>Neural Networks</i> , 2014, 56, 10-21.	3.3	1
2358	Climate change alters the trophic niche of a declining apex marine predator. <i>Global Change Biology</i> , 2014, 20, 2100-2107.	4.2	41
2359	The natural oscillation of two types of ENSO events based on analyses of CMIP5 model control runs. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 801-813.	1.9	15
2360	Is the 2004-2012 reduction of the Atlantic meridional overturning circulation significant?. <i>Geophysical Research Letters</i> , 2014, 41, 3204-3210.	1.5	68
2361	Water temperature and fish growth: otoliths predict growth patterns of a marine fish in a changing climate. <i>Global Change Biology</i> , 2014, 20, 2450-2458.	4.2	67
2362	Decadal climate predictions for the period 1901-2010 with a coupled climate model. <i>Geophysical Research Letters</i> , 2014, 41, 2100-2107.	1.5	44

#	ARTICLE	IF	CITATIONS
2363	Tropical forcing of the recent rapid Arctic warming in northeastern Canada and Greenland. <i>Nature</i> , 2014, 509, 209-212.	13.7	317
2364	Climatological characteristics and long-term change of SST over the marginal seas of China. <i>Continental Shelf Research</i> , 2014, 77, 96-106.	0.9	79
2365	Sea ice concentration variability over the Southern Ocean and its impact on precipitation in southeastern South America. <i>International Journal of Climatology</i> , 2014, 34, 2362-2377.	1.5	7
2366	Role for Eurasian Arctic shelf sea ice in a secularly varying hemispheric climate signal during the 20th century. <i>Climate Dynamics</i> , 2014, 42, 2763-2782.	1.7	66
2367	Multi-decadal range changes vs. thermal adaptation for north east Atlantic oceanic copepods in the face of climate change. <i>Global Change Biology</i> , 2014, 20, 140-146.	4.2	48
2368	Impacts of the north and tropical Atlantic Ocean on the Antarctic Peninsula and sea ice. <i>Nature</i> , 2014, 505, 538-542.	13.7	238
2369	New tools for the reconstruction of Pleistocene Antarctic sea ice. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 260-283.	1.0	53
2370	Pacific interdecadal variability driven by tropical-extratropical interactions. <i>Climate Dynamics</i> , 2014, 42, 3337-3355.	1.7	46
2371	Long-term trends and variability of rainfall extremes in the Philippines. <i>Atmospheric Research</i> , 2014, 137, 1-13.	1.8	78
2372	Decadal modes of sea surface salinity and the water cycle in the tropical Pacific Ocean: The anomalous late 1990s. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 84, 38-49.	0.6	9
2373	Weakening of the stratospheric polar vortex by Arctic sea-ice loss. <i>Nature Communications</i> , 2014, 5, 4646.	5.8	580
2374	Projections of the Tropical Atlantic Vertical Wind Shear and Its Relationship with ENSO in SP-CCSM4. <i>Journal of Climate</i> , 2014, 27, 8342-8356.	1.2	4
2375	Evidence for external forcing of the Atlantic Multidecadal Oscillation since termination of the Little Ice Age. <i>Nature Communications</i> , 2014, 5, 3323.	5.8	111
2376	Quantifications of the Two "Flavours" of El Niño using Upper-Ocean Heat Content. <i>Atmosphere - Ocean</i> , 2014, 52, 351-362.	0.6	3
2377	The worst North American drought year of the last millennium: 1934. <i>Geophysical Research Letters</i> , 2014, 41, 7298-7305.	1.5	86
2378	Assessment of the <sc>CMIP5</sc> global climate model simulations of the western tropical Pacific climate system and comparison to <sc>CMIP3</sc>. <i>International Journal of Climatology</i> , 2014, 34, 3382-3399.	1.5	70
2379	Application of wavelet empirical orthogonal function analysis to investigate the nonstationary character of Ethiopian rainfall and its teleconnection to nonstationary global sea surface temperature variations for 1900-1998. <i>International Journal of Climatology</i> , 2014, 34, 1798-1813.	1.5	17
2380	Interdecadal changes in the Asian winter monsoon variability and its relationship with ENSO and AO. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 531-540.	1.3	15

#	ARTICLE	IF	CITATIONS
2381	Response of the atmosphere at high and middle latitudes to the reduction of sea ice area and the rise of sea surface temperature. <i>Russian Meteorology and Hydrology</i> , 2014, 39, 361-370.	0.2	18
2382	On the Seasonal Forecasting of Regional Tropical Cyclone Activity. <i>Journal of Climate</i> , 2014, 27, 7994-8016.	1.2	340
2383	Robust Arctic sea-ice influence on the frequent Eurasian cold winters in past decades. <i>Nature Geoscience</i> , 2014, 7, 869-873.	5.4	620
2384	How Well Do Global Climate Models Simulate the Variability of Atlantic Tropical Cyclones Associated with ENSO?. <i>Journal of Climate</i> , 2014, 27, 5673-5692.	1.2	45
2385	Extreme cyclone wave climate in the Southwest Pacific Ocean: Influence of the El Niño Southern Oscillation and projected climate change. <i>Global and Planetary Change</i> , 2014, 123, 13-26.	1.6	36
2386	Spatial and temporal variability of winter streamflow over Romania and its relationship to large-scale atmospheric circulation. <i>Journal of Hydrology</i> , 2014, 519, 1339-1349.	2.3	26
2387	The leading correlation of the winter Aleutian Low with surface air temperature during the subsequent summer over the Arctic and its possible mechanism. <i>Science Bulletin</i> , 2014, 59, 904-912.	1.7	2
2388	Did Climate Change Induced Rainfall Trends Contribute to the Australian Millennium Drought?. <i>Journal of Climate</i> , 2014, 27, 3145-3168.	1.2	79
2389	The formation of the recent cooling in the eastern tropical Pacific Ocean and the associated climate impacts: A competition of global warming, IPO, and AMO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 11,272.	1.2	47
2390	Features of tropical cyclone landfalls over East Asia corresponding to three types of Pacific warming decaying phase. <i>Science Bulletin</i> , 2014, 59, 4130-4136.	1.7	5
2391	Ocean dynamics and tropical Pacific climate change in ocean reanalyses and coupled climate models. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 7066-7077.	1.0	20
2392	Cold Tongue and Warm Pool ENSO Events in CMIP5: Mean State and Future Projections. <i>Journal of Climate</i> , 2014, 27, 2861-2885.	1.2	147
2393	The influence of repetitive thermal stresses on the dominance of reef-building <i>Acropora</i> spp. (<i>Scleractinia</i>) on coral reefs of the Maldivian Islands. <i>Russian Journal of Marine Biology</i> , 2014, 40, 286-294.	0.2	8
2394	A tree-ring based drought reconstruction (AD 1760–2010) for the Loess Plateau and its possible driving mechanisms. <i>Global and Planetary Change</i> , 2014, 122, 82-88.	1.6	25
2395	Statistical relationship between remote climate indices and West African monsoon variability. <i>International Journal of Climatology</i> , 2014, 34, 3348-3367.	1.5	75
2396	The Met Office Hadley Centre sea ice and sea surface temperature data set, version 2: 1. Sea ice concentrations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2864-2889.	1.2	331
2397	Summer Rainfall Variability in Low-Latitude Highlands of China and Subtropical Indian Ocean Dipole. <i>Journal of Climate</i> , 2014, 27, 880-892.	1.2	53
2398	A growing oceanic carbon uptake: Results from an inversion study of surface CO_2 data. <i>Global Biogeochemical Cycles</i> , 2014, 28, 335-351.	1.9	33

#	ARTICLE	IF	CITATIONS
2399	Response of El Niño sea surface temperature variability to greenhouse warming. <i>Nature Climate Change</i> , 2014, 4, 786-790.	8.1	147
2400	An Intensity Index for the East Asian Winter Monsoon. <i>Journal of Climate</i> , 2014, 27, 2361-2374.	1.2	191
2401	On Pacific Subtropical Cell Variability over the Second Half of the Twentieth Century. <i>Journal of Climate</i> , 2014, 27, 7102-7112.	1.2	26
2402	Recent variability of the global ocean carbon sink. <i>Global Biogeochemical Cycles</i> , 2014, 28, 927-949.	1.9	313
2403	Role of the western tropical Pacific in the North Pacific regime shift in the winter of 1998/1999. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 6161-6170.	1.0	17
2404	An Introduction to the Integrated Climate Model of the Center for Monsoon System Research and its simulated influence of El Niño on East Asian-western North Pacific climate. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1136-1146.	1.9	15
2405	Beyond climatological extremes - assessing how the odds of hydrometeorological extreme events in South-East Europe change in a warming climate. <i>Climatic Change</i> , 2014, 125, 381-398.	1.7	57
2406	Can uncertainties in sea ice albedo reconcile patterns of data-model discord for the Pliocene and 20th/21st centuries?. <i>Geophysical Research Letters</i> , 2014, 41, 2011-2018.	1.5	9
2407	A 215-yr coral $\delta^{18}O$ time series from Palau records dynamics of the West Pacific Warm Pool following the end of the Little Ice Age. <i>Coral Reefs</i> , 2014, 33, 719-731.	0.9	27
2408	Historic impact of watershed change and sedimentation to reefs along west-central Guam. <i>Coral Reefs</i> , 2014, 33, 733-749.	0.9	20
2409	Sensitivity of Arctic warming to sea surface temperature distribution over melted sea-ice region in atmospheric general circulation model experiments. <i>Climate Dynamics</i> , 2014, 42, 941-955.	1.7	5
2410	Stochastically-forced multidecadal variability in the North Atlantic: a model study. <i>Climate Dynamics</i> , 2014, 43, 271-288.	1.7	29
2411	Influence of two types of El Niños on the East Asian climate during boreal summer: a numerical study. <i>Climate Dynamics</i> , 2014, 43, 469-481.	1.7	54
2412	Interdecadal changes in the relationship between Southern China winter-spring precipitation and ENSO. <i>Climate Dynamics</i> , 2014, 43, 1327-1338.	1.7	92
2413	Teleconnections and predictive characteristics of Australian seasonal rainfall. <i>Climate Dynamics</i> , 2014, 43, 1381-1408.	1.7	14
2414	What spatial scales are believable for climate model projections of sea surface temperature?. <i>Climate Dynamics</i> , 2014, 43, 1483-1496.	1.7	15
2415	A systematic approach to identify the sources of tropical SST errors in coupled models using the adjustment of initialised experiments. <i>Climate Dynamics</i> , 2014, 43, 2261-2282.	1.7	38
2416	Interdecadal change in the Northern Hemisphere seasonal climate prediction skill: part II. predictability and prediction skill. <i>Climate Dynamics</i> , 2014, 43, 1611-1630.	1.7	11

#	ARTICLE	IF	CITATIONS
2417	Ensemble of sea ice initial conditions for interannual climate predictions. <i>Climate Dynamics</i> , 2014, 43, 2813-2829.	1.7	28
2418	Impact of land-sea thermal contrast on interdecadal variation in circulation and blocking. <i>Climate Dynamics</i> , 2014, 43, 3267-3279.	1.7	33
2419	Irregularity and decadal variation in ENSO: a simplified model based on Principal Oscillation Patterns. <i>Climate Dynamics</i> , 2014, 43, 3327-3350.	1.7	20
2420	Decadal predictions of the cooling and freshening of the North Atlantic in the 1960s and the role of ocean circulation. <i>Climate Dynamics</i> , 2014, 42, 2353-2365.	1.7	53
2421	Role of the Indian Ocean sea surface temperature in shaping the natural variability in the flow of Nile River. <i>Climate Dynamics</i> , 2014, 43, 1011-1023.	1.7	13
2422	Pacific Walker Circulation variability in coupled and uncoupled climate models. <i>Climate Dynamics</i> , 2014, 43, 103-117.	1.7	70
2423	Recent climatic trends in the tropical Atlantic. <i>Climate Dynamics</i> , 2014, 43, 3071-3089.	1.7	60
2424	Climate change in the northeastern US: regional climate model validation and climate change projections. <i>Climate Dynamics</i> , 2014, 43, 145-161.	1.7	35
2425	Trends in extreme temperature indices in the Poyang Lake Basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 1543-1553.	1.9	66
2426	Different influences of two types of El Niños on the Indian Ocean SST variations. <i>Theoretical and Applied Climatology</i> , 2014, 117, 475-484.	1.3	18
2427	Long-term variability of sea surface temperature in Taiwan Strait. <i>Climatic Change</i> , 2014, 124, 821-834.	1.7	26
2428	Quantifying and Reducing Uncertainty in the Large-Scale Response of the Water Cycle. <i>Surveys in Geophysics</i> , 2014, 35, 553-575.	2.1	6
2429	Relationships between the history of thermal stress and the relative risk of diseases of Caribbean corals. <i>Ecology</i> , 2014, 95, 1981-1994.	1.5	50
2430	Tree-ring based temperature reconstruction for the west Qinling Mountains (China): linkages to the High Asia, solar activity and Pacific-Atlantic Ocean. <i>Geochronometria</i> , 2014, 41, 234-244.	0.2	9
2431	Caribbean low-level jets and accompanying moisture fluxes in a global warming climate projected with <sc>CMIP3</sc> multi-model ensemble and fine-mesh atmospheric general circulation models. <i>International Journal of Climatology</i> , 2014, 34, 964-977.	1.5	21
2432	Predicting population-level risk effects of predation from the responses of individuals. <i>Ecology</i> , 2014, 95, 2006-2015.	1.5	17
2433	A bibliometric analysis of research on Antarctica during 1993-2012. <i>Scientometrics</i> , 2014, 101, 1925-1939.	1.6	32
2434	Seasonally resolved ice core records from West Antarctica indicate a sea ice source of sea-salt aerosol and a biomass burning source of ammonium. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 9168-9182.	1.2	29

#	ARTICLE	IF	CITATIONS
2435	Extreme swings of the South Pacific Convergence Zone and the different types of El Niño events. <i>Geophysical Research Letters</i> , 2014, 41, 4695-4703.	1.5	25
2436	Contribution of natural decadal variability to global warming acceleration and hiatus. <i>Nature Climate Change</i> , 2014, 4, 893-897.	8.1	179
2437	Pan-Arctic and Regional Sea Ice Predictability: Initialization Month Dependence. <i>Journal of Climate</i> , 2014, 27, 4371-4390.	1.2	124
2438	Well-estimated global surface warming in climate projections selected for ENSO phase. <i>Nature Climate Change</i> , 2014, 4, 835-840.	8.1	99
2439	Multi-specimen and multi-site calibration of Aleutian coralline algal Mg/Ca to sea surface temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 139, 190-204.	1.6	27
2440	Three Eurasian teleconnection patterns: spatial structures, temporal variability, and associated winter climate anomalies. <i>Climate Dynamics</i> , 2014, 42, 2817-2839.	1.7	184
2441	Zonal structure and variability of the Western Pacific dynamic warm pool edge in CMIP5. <i>Climate Dynamics</i> , 2014, 42, 3061-3076.	1.7	34
2442	Impact of initialization procedures on the predictive skill of a coupled ocean-atmosphere model. <i>Climate Dynamics</i> , 2014, 42, 3151-3169.	1.7	28
2443	Analysis of the Slab Ocean El Niño atmospheric feedbacks in observed and simulated ENSO dynamics. <i>Climate Dynamics</i> , 2014, 42, 3187-3205.	1.7	32
2444	A comparison of global marine surface-specific humidity datasets from in situ observations and atmospheric reanalysis. <i>International Journal of Climatology</i> , 2014, 34, 355-376.	1.5	11
2445	Climate variability during warm and cold phases of the Atlantic Multidecadal Oscillation (AMO) 1871-2008. <i>Journal of Marine Systems</i> , 2014, 133, 14-26.	0.9	140
2446	Evaluation of future storm surge risk in East Asia based on state-of-the-art climate change projection. <i>Coastal Engineering</i> , 2014, 83, 65-71.	1.7	67
2447	Indicators of seabird reproductive performance demonstrate the impact of commercial fisheries on seabird populations in the North Sea. <i>Ecological Indicators</i> , 2014, 38, 1-11.	2.6	36
2448	The probability of the impact of ENSO on precipitation and near-surface temperature. <i>Climate Risk Management</i> , 2014, 1, 5-24.	1.5	79
2449	North Atlantic Multidecadal SST Oscillation: External forcing versus internal variability. <i>Journal of Marine Systems</i> , 2014, 133, 27-38.	0.9	74
2450	The coralline red alga <i>Lithophyllum kotschyianum</i> f. affine as proxy of climate variability in the Yemen coast, Gulf of Aden (NW Indian Ocean). <i>Geochimica Et Cosmochimica Acta</i> , 2014, 124, 1-17.	1.6	29
2451	A diatom-based sea-ice reconstruction for the Vaigat Strait (Disko Bugt, West Greenland) over the last 5000yr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 403, 66-79.	1.0	36
2452	Increased frequency of extreme Indian Ocean Dipole events due to greenhouse warming. <i>Nature</i> , 2014, 510, 254-258.	13.7	296

#	ARTICLE	IF	CITATIONS
2453	Optimal growth of Central and East Pacific ENSO events. <i>Geophysical Research Letters</i> , 2014, 41, 4027-4034.	1.5	88
2454	Effects of westerly wind bursts on El Niño: A new perspective. <i>Geophysical Research Letters</i> , 2014, 41, 3522-3527.	1.5	98
2455	Remotely propagating salinity anomaly varies the source of North Pacific ventilation. <i>Progress in Oceanography</i> , 2014, 126, 80-97.	1.5	24
2456	What is responsible for the strong observed asymmetry in teleconnections between El Niño and La Niña? <i>Geophysical Research Letters</i> , 2014, 41, 1019-1025.	1.5	45
2457	Paired Porites coral Sr/Ca and $\delta^{18}O$ from the western South China Sea: Proxy calibration of sea surface temperature and precipitation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 410, 233-243.	1.0	31
2458	Mechanism of early-summer low-temperature extremes in Japan projected by a nonhydrostatic regional climate model. <i>Weather and Climate Extremes</i> , 2014, 4, 62-74.	1.6	0
2459	Toward biophysical synergy: Investigating advection along the Polar Front to identify factors influencing Alaska sablefish recruitment. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 107, 40-53.	0.6	27
2460	Atmospheric impacts of an Arctic sea ice minimum as seen in the Community Atmosphere Model. <i>International Journal of Climatology</i> , 2014, 34, 766-779.	1.5	44
2461	A typology for intraseasonal oscillations. <i>International Journal of Climatology</i> , 2014, 34, 430-445.	1.5	13
2462	Sahel rainfall in multimodel CMIP5 decadal hindcasts. <i>Geophysical Research Letters</i> , 2014, 41, 2169-2175.	1.5	26
2463	ENSO reconstructions over the past 6000 years using giant clams (<i>Tridacna</i> sp.) from Papua New Guinea. <i>Geophysical Research Letters</i> , 2014, 41, 6819-6825.	1.5	33
2464	Change of the wintertime SSTA variability over the West Pacific after the mid-1980s: Effect of the increasing El Niño Modoki. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 5204-5225.	1.2	5
2465	A signal of persistent Atlantic multidecadal variability in Arctic sea ice. <i>Geophysical Research Letters</i> , 2014, 41, 463-469.	1.5	107
2466	Centennial to millennial hydrologic trends and variability along the North Atlantic Coast, USA, during the Holocene. <i>Geophysical Research Letters</i> , 2014, 41, 4300-4307.	1.5	38
2467	Multimodel estimates of atmospheric lifetimes of long-lived ozone-depleting substances: Present and future. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2555-2573.	1.2	42
2468	Increase in the intensity of postmonsoon Bay of Bengal tropical cyclones. <i>Geophysical Research Letters</i> , 2014, 41, 3594-3601.	1.5	138
2469	The role of large-scale convective organization for tropical high cloud amount. <i>Geophysical Research Letters</i> , 2014, 41, 5259-5263.	1.5	0
2470	Are North Atlantic multidecadal SST anomalies westward propagating?. <i>Geophysical Research Letters</i> , 2014, 41, 541-546.	1.5	39

#	ARTICLE	IF	CITATIONS
2471	Continental heat anomalies and the extreme melting of the Greenland ice surface in 2012 and 1889. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6520-6536.	1.2	106
2472	A reconstruction of sea surface temperature variability in the southeastern Gulf of Mexico from 1734 to 2008 C.E. using cross-dated Sr/Ca records from the coral <i>Siderastrea siderea</i> . <i>Paleoceanography</i> , 2014, 29, 403-422.	3.0	70
2473	Thermal variations in the South China Sea associated with the eastern and central Pacific El Niño events and their mechanisms. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 8955-8972.	1.0	55
2474	Ocean response to volcanic eruptions in Coupled Model Intercomparison Project 5 simulations. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 5622-5637.	1.0	90
2475	Connecting early summer cloud-controlled sunlight and late summer sea ice in the Arctic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 11,087.	1.2	33
2476	Stratospheric ozone response to sulfate geoengineering: Results from the Geoengineering Model Intercomparison Project (GeoMIP). <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 2629-2653.	1.2	151
2477	The role of aerosol absorption in driving clear-sky solar dimming over East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 10,410.	1.2	15
2478	A possible explanation on the changes in the spatial structure of ENSO from CMIP3 to CMIP5. <i>Geophysical Research Letters</i> , 2014, 41, 140-145.	1.5	9
2479	Attributing the increase in Northern Hemisphere hot summers since the late 20th century. <i>Geophysical Research Letters</i> , 2014, 41, 5192-5199.	1.5	47
2480	Intensified anticyclonic anomaly over the western North Pacific during El Niño decaying summer under a weakened Atlantic thermohaline circulation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 13,637.	1.2	21
2481	The potential impact of changes in lower stratospheric water vapour on stratospheric temperatures over the past 30 years. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2014, 140, 2176-2185.	1.0	26
2482	Bromine partitioning in the tropical tropopause layer: implications for stratospheric injection. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 13391-13410.	1.9	90
2483	The complex response of Arctic aerosol to sea-ice retreat. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 7543-7557.	1.9	81
2484	Stratospheric ozone depletion from future nitrous oxide increases. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 12967-12982.	1.9	29
2485	Iodine chemistry in the troposphere and its effect on ozone. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 13119-13143.	1.9	148
2486	Technical Note: A simple procedure for removing temporal discontinuities in ERA-Interim upper stratospheric temperatures for use in nudged chemistry-climate model simulations. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1547-1555.	1.9	36
2487	Factors controlling variability in the oxidative capacity of the troposphere since the Last Glacial Maximum. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 3589-3622.	1.9	92
2488	A new method for evaluating the impact of vertical distribution on aerosol radiative forcing in general circulation models. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 877-897.	1.9	29

#	ARTICLE	IF	CITATIONS
2489	Lightning NO _x and SO _x , a key chemistry-climate interaction: impacts of future climate change and consequences for tropospheric oxidising capacity. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9871-9881.	1.9	74
2490	Differentiating flavors of the Indian Ocean Dipole using dominant modes in tropical Indian Ocean rainfall. <i>Geophysical Research Letters</i> , 2014, 41, 8978-8986.	1.5	8
2491	Variability in subtropical-tropical cells drives oxygen levels in the tropical Pacific Ocean. <i>Geophysical Research Letters</i> , 2014, 41, 8926-8934.	1.5	34
2492	Influence of future climate and cropland expansion on isoprene emissions and tropospheric ozone. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1011-1024.	1.9	37
2493	Increasing autumn drought over southern China associated with ENSO regime shift. <i>Geophysical Research Letters</i> , 2014, 41, 4020-4026.	1.5	164
2494	Simulating Pliocene warmth and a permanent El Niño-like state: The role of cloud albedo. <i>Paleoceanography</i> , 2014, 29, 893-910.	3.0	43
2495	Associations between circulation pattern frequencies and sea ice minima in the western Arctic. <i>International Journal of Climatology</i> , 2014, 34, 1385-1394.	1.5	15
2496	Autumn Eurasian snow depth, autumn Arctic sea ice cover and East Asian winter monsoon. <i>International Journal of Climatology</i> , 2014, 34, 3616-3625.	1.5	46
2497	Drivers of decadal hiatus periods in the 20th and 21st centuries. <i>Geophysical Research Letters</i> , 2014, 41, 5978-5986.	1.5	84
2498	A Simulation Approach for Estimating Hurricane Risk over a 5-yr Horizon. <i>Weather, Climate, and Society</i> , 2014, 6, 77-90.	0.5	11
2499	Global and regional climate in 2013. <i>Weather</i> , 2014, 69, 333-338.	0.6	3
2500	Equatorial Pacific coral geochemical records show recent weakening of the Walker Circulation. <i>Paleoceanography</i> , 2014, 29, 1031-1045.	3.0	24
2501	Recent accumulation variability in northwest Greenland from ground-penetrating radar and shallow cores along the Greenland Inland Traverse. <i>Journal of Glaciology</i> , 2014, 60, 375-382.	1.1	44
2502	Sea salt as an ice core proxy for past sea ice extent: A process-based model study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 5737-5756.	1.2	45
2503	Methods for uncertainty assessment of climate models and model predictions over East Asia. <i>International Journal of Climatology</i> , 2014, 34, 377-390.	1.5	36
2504	Mechanism of an Abrupt Decrease in Sea-Ice Cover in the Pacific Sector of the Arctic during the Late 1980s. <i>Atmosphere - Ocean</i> , 2014, 52, 434-445.	0.6	3
2505	Pacific SST influence on spring precipitation in Addis Ababa, Ethiopia. <i>International Journal of Climatology</i> , 2014, 34, 1223-1235.	1.5	4
2506	Precipitation variability over UAE and global SST teleconnections. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 10,313.	1.2	57

#	ARTICLE	IF	CITATIONS
2507	Climate impacts of stochastic atmospheric perturbations on the ocean. <i>International Journal of Climatology</i> , 2014, 34, 3900-3912.	1.5	5
2508	Influence of the Atlantic zonal mode on monsoon depressions in the Bay of Bengal during boreal summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6456-6469.	1.2	48
2509	Marine-based multiproxy reconstruction of Atlantic multidecadal variability. <i>Geophysical Research Letters</i> , 2014, 41, 1295-1300.	1.5	41
2510	Analysis of hydroclimatic variability and trends using a novel empirical mode decomposition: Application to the Paraná River Basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 1218-1233.	1.2	56
2511	Distinct modes of East Asian Winter Monsoon documented by a southern Red Sea coral record. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1517-1533.	1.0	10
2512	Relationships among the monsoon-like southwest Australian circulation, the Southern Annular Mode, and winter rainfall over southwest Western Australia. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1063-1076.	1.9	12
2513	The Dendroclimatological Potential of Willamette Valley <i>Quercus garryana</i> . <i>Tree-Ring Research</i> , 2015, 71, 13-23.	0.4	5
2514	Precipitation projections in the tropical Pacific are sensitive to different types of SST bias adjustment. <i>Geophysical Research Letters</i> , 2015, 42, 10,856.	1.5	17
2515	Perspectives on CMIP5 model performance in the Nile River headwaters regions. <i>International Journal of Climatology</i> , 2015, 35, 4262-4275.	1.5	43
2516	Future change in ocean productivity: Is the Arctic the new Atlantic?. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7771-7790.	1.0	63
2517	Impact of aerosol emission controls on future Arctic sea ice cover. <i>Geophysical Research Letters</i> , 2015, 42, 8481-8488.	1.5	29
2518	Recent observed and simulated changes in precipitation over Africa. <i>Geophysical Research Letters</i> , 2015, 42, 8155-8164.	1.5	189
2519	Observed anomalous atmospheric patterns in summers of unusual Arctic sea ice melt. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2595-2611.	1.2	26
2520	The International Surface Pressure Databank version 2. <i>Geoscience Data Journal</i> , 2015, 2, 31-46.	1.8	102
2521	Atmospheric response in summer linked to recent Arctic sea ice loss. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 2070-2076.	1.0	48
2522	The influence of ocean variations on the climate of Ireland. <i>Weather</i> , 2015, 70, 242-245.	0.6	20
2523	Global Seasonal forecast system version 5 (GloSea5): a high-resolution seasonal forecast system. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 1072-1084.	1.0	515
2524	Climatic controls on the interannual to decadal variability in Saudi Arabian dust activity: Toward the development of a seasonal dust prediction model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 1739-1758.	1.2	110

#	ARTICLE	IF	CITATIONS
2525	Daily minimum and maximum surface air temperatures from geostationary satellite data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2306-2324.	1.2	50
2526	Recent Hadley cell expansion: The role of internal atmospheric variability in reconciling modeled and observed trends. <i>Geophysical Research Letters</i> , 2015, 42, 10,824.	1.5	62
2527	Atlantic multi-decadal oscillation covaries with Agulhas leakage. <i>Nature Communications</i> , 2015, 6, 10082.	5.8	71
2528	Impact of different El Niño types on the El Niño/IOD relationship. <i>Geophysical Research Letters</i> , 2015, 42, 8570-8576.	1.5	110
2529	Relationships between climate variability, soil moisture, and Australian heatwaves. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8144-8164.	1.2	108
2530	Sea surface temperature and salinity product comparison against external in situ data in the Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7223-7236.	1.0	25
2531	The changing ozone depletion potential of N ₂ O in a future climate. <i>Geophysical Research Letters</i> , 2015, 42, 10,047.	1.5	37
2532	The role of atmospheric forcing versus ocean advection during the extreme warming of the Northeast U.S. continental shelf in 2012. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 4324-4339.	1.0	89
2533	Atlantic opportunities for ENSO prediction. <i>Geophysical Research Letters</i> , 2015, 42, 6802-6810.	1.5	72
2534	On the factors affecting trends and variability in tropical cyclone potential intensity. <i>Geophysical Research Letters</i> , 2015, 42, 8669-8677.	1.5	55
2535	Seasonal coastal sea level prediction using a dynamical model. <i>Geophysical Research Letters</i> , 2015, 42, 6747-6753.	1.5	18
2536	Anthropogenic influence on the changing likelihood of an exceptionally warm summer in Texas, 2011. <i>Geophysical Research Letters</i> , 2015, 42, 2392-2400.	1.5	19
2537	Effect of recent sea surface temperature trends on the Arctic stratospheric vortex. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 5404-5416.	1.2	30
2538	Recent slowdown of tropical upper tropospheric warming associated with Pacific climate variability. <i>Geophysical Research Letters</i> , 2015, 42, 2995-3003.	1.5	18
2539	The distribution of precipitation and the spread in tropical upper tropospheric temperature trends in CMIP5/AMIP simulations. <i>Geophysical Research Letters</i> , 2015, 42, 6000-6007.	1.5	20
2540	Optimized coral reconstructions of the Indian Ocean Dipole: An assessment of location and length considerations. <i>Paleoceanography</i> , 2015, 30, 1391-1405.	3.0	20
2541	Dimming over the oceans: Transient anthropogenic aerosol plumes in the twentieth century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 3465-3484.	1.2	11
2542	Real-time estimation of Arctic sea ice thickness through maximum covariance analysis. <i>Geophysical Research Letters</i> , 2015, 42, 4869-4877.	1.5	3

#	ARTICLE	IF	CITATIONS
2543	The impact of mean state errors on equatorial Atlantic interannual variability in a climate model. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 1133-1151.	1.0	31
2544	Global atmospheric sulfur budget under volcanically quiescent conditions: Aerosol chemistry climate model predictions and validation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 256-276.	1.2	81
2545	Occurrence and trends of eastern and central Pacific El Niño in different reconstructed SST data sets. <i>Geophysical Research Letters</i> , 2015, 42, 10,375.	1.5	6
2546	The role of tropical Atlantic SST anomalies in modulating western North Pacific tropical cyclone genesis. <i>Geophysical Research Letters</i> , 2015, 42, 2378-2384.	1.5	88
2547	Thermodynamic controls of the Atlantic Niño. <i>Nature Communications</i> , 2015, 6, 8895.	5.8	81
2548	Coastal ice-core record of recent northwest Greenland temperature and sea-ice concentration. <i>Journal of Glaciology</i> , 2015, 61, 1137-1146.	1.1	16
2549	Coral record of southeast Indian Ocean marine heatwaves with intensified Western Pacific temperature gradient. <i>Nature Communications</i> , 2015, 6, 8562.	5.8	62
2550	Unified functional network and nonlinear time series analysis for complex systems science: The <code>pyunicorn</code> package. <i>Chaos</i> , 2015, 25, 113101.	1.0	84
2551	<i>Globigerinoides ruber</i> morphotypes in the Gulf of Mexico: A test of null hypothesis. <i>Scientific Reports</i> , 2014, 4, 6018.	1.6	28
2552	On the possible cause of distinct El Niño types in the recent decades. <i>Scientific Reports</i> , 2015, 5, 17009.	1.6	35
2553	Characterizing seawater oxygen isotopic variability in a regional ocean modeling framework: Implications for coral proxy records. <i>Paleoceanography</i> , 2015, 30, 1573-1593.	3.0	23
2554	Asymmetric impact of Atlantic Multidecadal Oscillation on El Niño and La Niña characteristics. <i>Geophysical Research Letters</i> , 2015, 42, 4998-5004.	1.5	13
2555	Recent contrasting winter temperature changes over North America linked to enhanced positive Pacific-North American pattern. <i>Geophysical Research Letters</i> , 2015, 42, 7750-7757.	1.5	17
2556	Meridional variability of atmospheric convection associated with the Indian Ocean Dipole Mode. <i>Scientific Reports</i> , 2014, 4, 3590.	1.6	14
2557	Indo-Pacific Warm Pool Area Expansion, Modoki Activity and Tropical Cold-Point Tropopause Temperature Variations. <i>Scientific Reports</i> , 2014, 4, 4552.	1.6	31
2558	Role of climate variability in the heatstroke death rates of Kanto region in Japan. <i>Scientific Reports</i> , 2015, 4, 5655.	1.6	31
2559	Origin of cold bias over the Arabian Sea in Climate Models. <i>Scientific Reports</i> , 2014, 4, 6403.	1.6	43
2560	Growth of a deep-water, predatory fish is influenced by the productivity of a boundary current system. <i>Scientific Reports</i> , 2015, 5, 9044.	1.6	16

#	ARTICLE	IF	CITATIONS
2561	Multiple timescales of stochastically forced North Atlantic Ocean variability: A model study. <i>Ocean Dynamics</i> , 2015, 65, 1367-1381.	0.9	8
2562	Covariability of western tropical Pacific-North Pacific atmospheric circulation during summer. <i>Scientific Reports</i> , 2015, 5, 16980.	1.6	15
2563	Impacts of IOD, ENSO and ENSO Modoki on the Australian Winter Wheat Yields in Recent Decades. <i>Scientific Reports</i> , 2015, 5, 17252.	1.6	73
2564	Development of a New Synthetic Hurricane Model for Deriving MetOcean Design Criteria for the Gulf of Mexico. , 2015, , .		1
2565	Changes of air-sea coupling in the North Atlantic over the 20th century. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 445-456.	1.9	6
2566	Effect of methane emission increases in East Asia on atmospheric circulation and ozone. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1617-1627.	1.9	4
2567	Freshening of Antarctic Bottom Water in the Indian Ocean sector of Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 118, 162-169.	0.6	17
2568	Validation of an ensemble modelling system for climate projections for the northwest European shelf seas. <i>Progress in Oceanography</i> , 2015, 138, 211-237.	1.5	22
2569	Unusual past dry and wet rainy seasons over Southern Africa and South America from a climate perspective. <i>Weather and Climate Extremes</i> , 2015, 9, 36-46.	1.6	27
2570	Reconstructed July temperatures since AD 1800, based on a tree-ring chronology network in the Northwest Pacific region, and implied large-scale atmospheric-oceanic interaction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 203-209.	1.0	3
2571	Performance of the seasonal forecasting of the Asian summer monsoon by BCC_CSM1.1(m). <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1156-1172.	1.9	53
2572	Simulation of the equatorially asymmetric mode of the Hadley circulation in CMIP5 models. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1129-1142.	1.9	16
2573	Air-sea coupling enhances the East Asian winter climate response to the Atlantic Multidecadal Oscillation. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1647-1659.	1.9	21
2574	Climate change, climate justice and the application of probabilistic event attribution to summer heat extremes in the California Central Valley. <i>Climatic Change</i> , 2015, 133, 427-438.	1.7	17
2575	Decadal change of East Asian summer tropospheric temperature meridional gradient around the early 1990s. <i>Science China Earth Sciences</i> , 2015, 58, 1609-1622.	2.3	9
2576	Interdecadal modulation of ENSO teleconnections to the Indian Ocean Basin Mode and their relationship under global warming in CMIP5 models. <i>International Journal of Climatology</i> , 2015, 35, 391-407.	1.5	50
2577	A hybrid statistical downscaling model for prediction of winter precipitation in China. <i>International Journal of Climatology</i> , 2015, 35, 1309-1321.	1.5	28
2578	Potential predictability of the sea-surface temperature forced equatorial East African short rains interannual variability in the 20th century. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 16-26.	1.0	42

#	ARTICLE	IF	CITATIONS
2579	Improving climate model simulation of tropical Atlantic sea surface temperature: The importance of enhanced vertical atmosphere model resolution. <i>Geophysical Research Letters</i> , 2015, 42, 2401-2408.	1.5	39
2580	A physical analysis of the severe 2013/2014 cold winter in North America. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 10,149.	1.2	39
2581	The IITM Earth System Model: Transformation of a Seasonal Prediction Model to a Long-Term Climate Model. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1351-1367.	1.7	41
2582	The Annual-Cycle Modulation of Meridional Asymmetry in ENSO's Atmospheric Response and Its Dependence on ENSO Zonal Structure. <i>Journal of Climate</i> , 2015, 28, 5795-5812.	1.2	44
2583	Ocean dynamical processes associated with the tropical Pacific cold tongue mode. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6419-6435.	1.0	31
2584	On the predictability of SSTA indices from CMIP5 decadal experiments. <i>Environmental Research Letters</i> , 2015, 10, 074013.	2.2	9
2585	An interdecadal regime shift in rainfall predictability related to the Ningaloo Niño in the late 1990s. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 1388-1396.	1.0	42
2586	weather@home development and validation of a very large ensemble modelling system for probabilistic event attribution. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 1528-1545.	1.0	156
2587	The Combined Influences of Westerly Phase of the Quasi-Biennial Oscillation and 11-year Solar Maximum Conditions on the Northern Hemisphere Extratropical Winter Circulation. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93, 629-644.	0.7	9
2588	Interdecadal change of Eurasian snow, surface temperature, and atmospheric circulation in the late 1980s. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2738-2753.	1.2	83
2589	Signal of central Pacific El Niño in the Southern Hemispheric stratosphere during austral spring. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 11,438.	1.2	10
2590	The interdecadal change of ENSO impact on wintertime East Asian climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 11,918.	1.2	18
2591	On the enhancement of the Indian summer monsoon drying by Pacific multidecadal variability during the latter half of the twentieth century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9103-9118.	1.2	33
2592	Contribution of the phase transition of Pacific Decadal Oscillation to the late 1990s' shift in East China summer rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8817-8827.	1.2	106
2593	Variations in global methane sources and sinks during 1910-2010. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2595-2612.	1.9	108
2594	Influence of availability of TAO data on NCEP ocean data assimilation systems along the equatorial Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5534-5544.	1.0	8
2595	Quantifying the sensitivity of maximum, limiting, and potential tropical cyclone intensity to SST: Observations versus the FSU/COAPS global climate model. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 586-599.	1.3	11
2596	Interannual Variations of Regional Summer Precipitation in Mainland China and their Possible Relationships with Different Teleconnections in the Past Five Decades. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93, 265-283.	0.7	18

#	ARTICLE	IF	CITATIONS
2597	A 20-Year Climatology of a NICAM AMIP-Type Simulation. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93, 393-424.	0.7	104
2598	Future Changes in Winter Precipitation around Japan Projected by Ensemble Experiments Using NHRCM. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93, 571-580.	0.7	19
2599	A negative feedback between anthropogenic ozone pollution and enhanced ocean emissions of iodine. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2215-2224.	1.9	63
2600	Iodine oxide in the global marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 583-593.	1.9	84
2601	Drivers of the tropospheric ozone budget throughout the 21st century under the medium-high climate scenario RCP 6.0. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5887-5902.	1.9	80
2602	Tropospheric ozone variability in the tropics from ENSO to MJO and shorter timescales. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8037-8049.	1.9	47
2603	CLUBB as a unified cloud parameterization: Opportunities and challenges. <i>Geophysical Research Letters</i> , 2015, 42, 4540-4547.	1.5	50
2604	Sea-ice reemergence in a model hierarchy. <i>Geophysical Research Letters</i> , 2015, 42, 5337-5345.	1.5	21
2605	The impact of sea surface temperature bias on equatorial Atlantic interannual variability in partially coupled model experiments. <i>Geophysical Research Letters</i> , 2015, 42, 5540-5546.	1.5	30
2606	On the enigmatic similarity in Greenland $\delta^{18}O$ between the Oldest and Younger Dryas. <i>Geophysical Research Letters</i> , 2015, 42, 10,470.	1.5	14
2607	Predicting the mineral composition of dust aerosols – Part 1: Representing key processes. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11593-11627.	1.9	98
2608	Predicting the mineral composition of dust aerosols – Part 2: Model evaluation and identification of key processes with observations. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11629-11652.	1.9	52
2609	Impact of future land-cover changes on HNO_3 and O_3 surface dry deposition. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 13555-13568.	1.9	12
2610	Interannual variability of tropical cyclone activity and regional Hadley circulation over the Northeastern Pacific. <i>Geophysical Research Letters</i> , 2015, 42, 2473-2481.	1.5	32
2611	Sensitivity of radiative forcing, ocean heat uptake, and climate feedback to changes in anthropogenic greenhouse gases and aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9837-9854.	1.2	34
2612	Atlantic warm and cold water events and impact on African west coast precipitation. <i>International Journal of Climatology</i> , 2015, 35, 128-141.	1.5	32
2613	Oceanic and atmospheric linkages with short rainfall season intraseasonal statistics over Equatorial Eastern Africa and their predictive potential. <i>International Journal of Climatology</i> , 2015, 35, 2382-2399.	1.5	12
2614	Climate change effects on the worst-case storm surge: a case study of Typhoon Haiyan. <i>Environmental Research Letters</i> , 2015, 10, 064011.	2.2	67

#	ARTICLE	IF	CITATIONS
2615	Evaluation of a Regional Climate Modeling Effort for the Western United States Using a Superensemble from Weather@home*. <i>Journal of Climate</i> , 2015, 28, 7470-7488.	1.2	28
2616	Austral Spring Southern Hemisphere Circulation and Temperature Changes and Links to the SPCZ. <i>Journal of Climate</i> , 2015, 28, 7371-7384.	1.2	32
2617	Simulation and Prediction of Category 4 and 5 Hurricanes in the High-Resolution GFDL HiFLOR Coupled Climate Model*. <i>Journal of Climate</i> , 2015, 28, 9058-9079.	1.2	181
2618	Tree-ring reconstruction of July–May precipitation (<sc>AD</sc> 1816–2010) in the northwestern marginal zone of the East Asian summer monsoon reveals the monsoon-related climate signals. <i>International Journal of Climatology</i> , 2015, 35, 2109-2121.	1.5	11
2619	Modelling space-time varying ENSO teleconnections to droughts in North America. <i>Stat</i> , 2015, 4, 140-156.	0.3	2
2620	Climate model biases in the eastern tropical oceans: causes, impacts and ways forward. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2015, 6, 345-358.	3.6	137
2621	The Role of Moist Processes in Shortwave Radiative Feedback during ENSO in the CMIP5 Models. <i>Journal of Climate</i> , 2015, 28, 9892-9908.	1.2	27
2622	Climate and stock influences on the spread and locations of catches in the northeast Atlantic mackerel fishery. <i>Fisheries Oceanography</i> , 2015, 24, 540-552.	0.9	18
2623	Nonlinear winter atmospheric circulation response to Arctic sea ice concentration anomalies for different periods during 1966–2012. <i>Environmental Research Letters</i> , 2015, 10, 054020.	2.2	80
2624	Changes in extreme rainfall in the Philippines (1911–2010) linked to global mean temperature and <sc>ENSO</sc>. <i>International Journal of Climatology</i> , 2015, 35, 2033-2044.	1.5	35
2625	Meridional position biases of East Asian subtropical jet stream in <sc>CMIP5</sc> models and their relationship with ocean model resolutions. <i>International Journal of Climatology</i> , 2015, 35, 3942-3958.	1.5	12
2626	The climate of Myanmar: evidence for effects of the Pacific Decadal Oscillation. <i>International Journal of Climatology</i> , 2015, 35, 634-640.	1.5	29
2627	Interhemispheric Aerosol Radiative Forcing and Tropical Precipitation Shifts during the Late Twentieth Century. <i>Journal of Climate</i> , 2015, 28, 8219-8246.	1.2	81
2628	Advancements in decadal climate predictability: The role of nonoceanic drivers. <i>Reviews of Geophysics</i> , 2015, 53, 165-202.	9.0	81
2629	Global inequities between polluters and the polluted: climate change impacts on coral reefs. <i>Global Change Biology</i> , 2015, 21, 3982-3994.	4.2	40
2630	Amplified subtropical stationary waves in boreal summer and their implications for regional water extremes. <i>Environmental Research Letters</i> , 2015, 10, 104009.	2.2	21
2631	Summertime atmosphere–ocean preconditionings for the Bering Sea ice retreat and the following severe winters in North America. <i>Environmental Research Letters</i> , 2015, 10, 094023.	2.2	14
2632	Improvement in Prediction of the Arctic Oscillation with a Realistic Ocean Initial Condition in a CGCM. <i>Journal of Climate</i> , 2015, 28, 8951-8967.	1.2	19

#	ARTICLE	IF	CITATIONS
2633	Change in the Relationship between the Southern Subtropical Dipole Modes and the Southern Annular Mode in the Mid-1980s. <i>Journal of Climate</i> , 2015, 28, 9235-9249.	1.2	1
2634	Prediction of Indian rainfall during the summer monsoon season on the basis of links with equatorial Pacific and Indian Ocean climate indices. <i>Environmental Research Letters</i> , 2015, 10, 094004.	2.2	40
2635	Tropical origin for the impacts of the Atlantic Multidecadal Variability on the Euro-Atlantic climate. <i>Environmental Research Letters</i> , 2015, 10, 094010.	2.2	48
2636	Temporal Variability and Potential Predictability of the Streamflow Regimes in the Northâ€Eastern Iberian Peninsula. <i>River Research and Applications</i> , 2015, 31, 1287-1298.	0.7	2
2637	Atmospheric circulation patterns associated with extreme cold winters in the <sc>UK</sc>. <i>Weather</i> , 2015, 70, 211-217.	0.6	1
2638	Impacts of Arctic sea ice and continental snow cover changes on atmospheric winter teleconnections. <i>Geophysical Research Letters</i> , 2015, 42, 2367-2377.	1.5	59
2639	Tropospheric Biennial Oscillation (TBO) indistinguishable from white noise. <i>Geophysical Research Letters</i> , 2015, 42, 7785-7791.	1.5	15
2640	Interdecadal variability of winter precipitation in Northwest China and its association with the North Atlantic <sc>SST</sc> change. <i>International Journal of Climatology</i> , 2015, 35, 1172-1179.	1.5	28
2641	Global and regional climate in 2014. <i>Weather</i> , 2015, 70, 225-232.	0.6	0
2642	The Early 1990s Change in ENSOâ€PSAâ€SAM Relationships and Its Impact on Southern Hemisphere Climate. <i>Journal of Climate</i> , 2015, 28, 9393-9408.	1.2	77
2643	Partially coupled spin-up of the MPI-ESM: implementation and first results. <i>Geoscientific Model Development</i> , 2015, 8, 51-68.	1.3	10
2644	Evaluation of coral reef carbonate production models at a global scale. <i>Biogeosciences</i> , 2015, 12, 1339-1356.	1.3	26
2645	Spatial and seasonal responses of precipitation in the Ganges and Brahmaputra river basins to ENSO and Indian Ocean dipole modes: implications for flooding and drought. <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 147-162.	1.5	41
2646	Spatial and temporal variability of rainfall in the Nile Basin. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2227-2246.	1.9	48
2647	Explaining and forecasting interannual variability in the flow of the Nile River. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 1181-1192.	1.9	25
2648	The Arctic and Polar cells act on the Arctic sea ice variation. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 67, 27692.	0.8	13
2649	Tropical and mid-latitude forcing of continental Antarctic temperatures. <i>Cryosphere</i> , 2015, 9, 2405-2415.	1.5	7
2650	The Met Office Global Coupled model 2.0 (GC2) configuration. <i>Geoscientific Model Development</i> , 2015, 8, 1509-1524.	1.3	234

#	ARTICLE	IF	CITATIONS
2651	Modelling coral calcification accounting for the impacts of coral bleaching and ocean acidification. <i>Biogeosciences</i> , 2015, 12, 2607-2630.	1.3	18
2652	High-resolution leaf wax carbon and hydrogen isotopic record of the late Holocene paleoclimate in arid Central Asia. <i>Climate of the Past</i> , 2015, 11, 619-633.	1.3	98
2653	Impact of Coupled NO _x /Aerosol Aircraft Emissions on Ozone Photochemistry and Radiative Forcing. <i>Atmosphere</i> , 2015, 6, 751-782.	1.0	16
2654	Growth and decay of the equatorial Atlantic SST mode by means of closed heat budget in a coupled general circulation model. <i>Frontiers in Earth Science</i> , 2015, 3, .	0.8	8
2655	The non-stationary influence of the Atlantic and Pacific Ni \pm os on North Eastern South American rainfall. <i>Frontiers in Earth Science</i> , 2015, 3, .	0.8	26
2656	Skipped breeding in common guillemots in a changing climate: restraint or constraint?. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	28
2657	Under Pressure: Climate Change, Upwelling, and Eastern Boundary Upwelling Ecosystems. <i>Frontiers in Marine Science</i> , 2015, 2, .	1.2	155
2658	Effects of northern and southern components of the East Asian winter monsoon variability on SST changes in the western North Pacific. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 3888-3905.	1.2	9
2659	Future increase of supertyphoon intensity associated with climate change. <i>Geophysical Research Letters</i> , 2015, 42, 646-652.	1.5	101
2660	Edging along a Warming Coast: A Range Extension for a Common Sandy Beach Crab. <i>PLoS ONE</i> , 2015, 10, e0141976.	1.1	26
2661	REPRODUCTION OF THE HEAVY RAINFALL BY TYPHOON 1318 AND ITS SST GLOBAL WARMING NUMERICAL EXPERIMENT USING A MESO-SCALE METEOROLOGICAL MODEL. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2015, 71, L_397-L_402.	0.0	1
2662	Decadal increase in Ningaloo<i>Ni \pm o</i> since the late 1990s. <i>Geophysical Research Letters</i> , 2015, 42, 104-112.	1.5	94
2663	Simulating diurnal variations over the southeastern United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 180-198.	1.2	10
2664	A connection between the tropical Pacific Ocean and the winter climate in the Asianâ€Pacific region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 430-448.	1.2	30
2665	Interannual variations in atmospheric mass over liquid water oceans, continents, and seaâ€covered arctic regions and their possible impacts on the boreal winter climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 11,846.	1.2	5
2666	Impact of global SST gradients on the Mediterranean runoff changes across the Plioâ€Pleistocene transition. <i>Paleoceanography</i> , 2015, 30, 751-767.	3.0	6
2667	Systematic attribution of observed Southern Hemisphere circulation trends to external forcing and internal variability. <i>Nonlinear Processes in Geophysics</i> , 2015, 22, 513-525.	0.6	18
2668	Role of dust direct radiative effect on the tropical rain belt over Middle East and North Africa: A highâ€resolution AGCM study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4564-4584.	1.2	29

#	ARTICLE	IF	CITATIONS
2669	Large-basin hydrological response to climate model outputs: uncertainty caused by internal atmospheric variability. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2737-2754.	1.9	28
2670	Evidence for the non-influence of salinity variability on the $\delta^{18}O$ of Porites coral Sr/Ca palaeothermometer. <i>Climate of the Past</i> , 2015, 11, 523-532.	1.3	6
2671	Constraining energetic slope currents through assimilation of high-frequency radar observations. <i>Ocean Science</i> , 2015, 11, 237-249.	1.3	25
2672	The mechanisms of North Atlantic CO ₂ uptake in a large Earth System Model ensemble. <i>Biogeosciences</i> , 2015, 12, 4497-4508.	1.3	16
2673	A global empirical system for probabilistic seasonal climate prediction. <i>Geoscientific Model Development</i> , 2015, 8, 3947-3973.	1.3	19
2674	Multi-annual droughts in the English Lowlands: a review of their characteristics and climate drivers in the winter half-year. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2353-2375.	1.9	66
2675	Decadal variability and trends of the Benguela upwelling system as simulated in a high-resolution ocean simulation. <i>Ocean Science</i> , 2015, 11, 483-502.	1.3	64
2676	Dominant role of greenhouse-gas forcing in the recovery of Sahel rainfall. <i>Nature Climate Change</i> , 2015, 5, 757-760.	8.1	183
2677	The Melting Arctic and Midlatitude Weather Patterns: Are They Connected?*. <i>Journal of Climate</i> , 2015, 28, 7917-7932.	1.2	320
2678	Sensitivity of Tropical Cyclones to Parameterized Convection in the NASA GEOS-5 Model. <i>Journal of Climate</i> , 2015, 28, 551-573.	1.2	45
2679	Prediction of Indian Summer Monsoon Onset Using Dynamical Subseasonal Forecasts: Effects of Realistic Initialization of the Atmosphere. <i>Monthly Weather Review</i> , 2015, 143, 778-793.	0.5	40
2680	Understanding ENSO Diversity. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 921-938.	1.7	745
2681	Tree-ring based February–April precipitation reconstruction for the lower reaches of the Yangtze River, southeastern China. <i>Global and Planetary Change</i> , 2015, 131, 82-88.	1.6	41
2682	An assessment of ocean climate reanalysis by the data assimilation system of KIOST from 1947 to 2012. <i>Ocean Modelling</i> , 2015, 91, 1-22.	1.0	18
2683	Thermocline spiciness variations in the tropical Indian Ocean observed during 2003–2014. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 97, 52-66.	0.6	24
2684	Trend analysis of tropical intraseasonal oscillations in the summer and winter during 1982–2009. <i>International Journal of Climatology</i> , 2015, 35, 3969-3978.	1.5	10
2685	Interannual summer streamflow variability over Romania and its connection to large-scale atmospheric circulation. <i>International Journal of Climatology</i> , 2015, 35, 4186-4196.	1.5	22
2686	Recent changes in summer precipitation in Northeast China and the background circulation. <i>International Journal of Climatology</i> , 2015, 35, 4210-4219.	1.5	79

#	ARTICLE	IF	CITATIONS
2687	Madagascar corals track sea surface temperature variability in the Agulhas Current core region over the past 334 years. <i>Scientific Reports</i> , 2014, 4, 4393.	1.6	45
2688	The Indian Ocean Dipole: A Monopole in SST. <i>Journal of Climate</i> , 2015, 28, 3-19.	1.2	48
2689	Climate Model Errors over the South Indian Ocean Thermocline Dome and Their Effect on the Basin Mode of Interannual Variability*. <i>Journal of Climate</i> , 2015, 28, 3093-3098.	1.2	40
2690	Extended Reconstructed Sea Surface Temperature Version 4 (ERSST.v4): Part II. Parametric and Structural Uncertainty Estimations. <i>Journal of Climate</i> , 2015, 28, 931-951.	1.2	195
2691	The Seasonality of the Great Plains Low-Level Jet and ENSO Relationship. <i>Journal of Climate</i> , 2015, 28, 4525-4544.	1.2	54
2692	An atmospheric origin of the multi-decadal bipolar seesaw. <i>Scientific Reports</i> , 2015, 5, 8909.	1.6	40
2693	Arctic moisture source for Eurasian snow cover variations in autumn. <i>Environmental Research Letters</i> , 2015, 10, 054015.	2.2	73
2694	The Sensitivity of Tropical Cyclone Activity to Off-Equatorial Thermal Forcing in Aquaplanet Simulations. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 2286-2302.	0.6	35
2695	Quantitative evaluation of ozone and selected climate parameters in a set of EMAC simulations. <i>Geoscientific Model Development</i> , 2015, 8, 733-768.	1.3	24
2696	Consistent decrease in North Atlantic Tropical Cyclone frequency following major volcanic eruptions in the last three centuries. <i>Geophysical Research Letters</i> , 2015, 42, 9425-9432.	1.5	25
2697	The effects of tides on the water mass mixing and sea ice in the Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6669-6699.	1.0	45
2698	Tropical sea surface temperatures for the past four centuries reconstructed from coral archives. <i>Paleoceanography</i> , 2015, 30, 226-252.	3.0	209
2699	Trends and Variability in Sea Ice and Icebergs off the Canadian East Coast. <i>Atmosphere - Ocean</i> , 2015, 53, 582-594.	0.6	5
2700	Double ITCZ in Coupled Ocean-Atmosphere Models: From CMIP3 to CMIP5. <i>Geophysical Research Letters</i> , 2015, 42, 8651-8659.	1.5	93
2701	Variability of sea surface height in the South China Sea and its relationship to Pacific oscillations. <i>Acta Oceanologica Sinica</i> , 2015, 34, 80-92.	0.4	13
2702	Comparison of Wintertime North American Climate Impacts Associated with Multiple ENSO Indices. <i>Atmosphere - Ocean</i> , 2015, 53, 426-445.	0.6	24
2703	Connectivity between Historical Great Basin Precipitation and Pacific Ocean Variability: A CMIP5 Model Evaluation. <i>Journal of Climate</i> , 2015, 28, 6096-6112.	1.2	17
2704	Closed Item-Set Mining for Prediction of Indian Summer Monsoon Rainfall A Data Mining Model with Land and Ocean Variables as Predictors. <i>Procedia Computer Science</i> , 2015, 54, 271-280.	1.2	7

#	ARTICLE	IF	CITATIONS
2705	Decadal Sea Level Variations in the Indian Ocean Investigated with HYCOM: Roles of Climate Modes, Ocean Internal Variability, and Stochastic Wind Forcing*. <i>Journal of Climate</i> , 2015, 28, 9143-9165.	1.2	54
2706	Hurricanes and Climate: The U.S. CLIVAR Working Group on Hurricanes. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 997-1017.	1.7	158
2707	An Evaluation of Temperature and Precipitation Surface-Based and Reanalysis Datasets for the Canadian Arctic, 1950â€“2010. <i>Atmosphere - Ocean</i> , 2015, 53, 283-303.	0.6	58
2708	Northwestern Pacific typhoon intensity controlled by changes in ocean temperatures. <i>Science Advances</i> , 2015, 1, e1500014.	4.7	157
2709	North Atlantic Multi-Decadal Variability â€” Mechanisms and Predictability. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2015, , 141-157.	0.2	13
2710	Global-Scale Decadal Hyper Modes. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2015, , 171-181.	0.2	0
2711	Assimilation of oceanic observations in a global coupled Earth system model with the SEIK filter. <i>Ocean Modelling</i> , 2015, 96, 254-264.	1.0	27
2712	Future changes in precipitation intensity over the Arctic projected by a global atmospheric model with a 60-km grid size. <i>Polar Science</i> , 2015, 9, 277-292.	0.5	11
2713	The influence of the Interdecadal Pacific Oscillation on Temperature and Precipitation over the Globe. <i>Climate Dynamics</i> , 2015, 45, 2667-2681.	1.7	223
2714	Changes in the ENSO/SPCZ relationship from past to future climates. <i>Earth and Planetary Science Letters</i> , 2015, 412, 18-24.	1.8	13
2715	A Triggering Mechanism for the Indian Ocean Dipoles Independent of ENSO. <i>Journal of Climate</i> , 2015, 28, 5063-5076.	1.2	44
2716	Precipitation extremes over La Plata Basin â€” Review and new results from observations and climate simulations. <i>Journal of Hydrology</i> , 2015, 523, 211-230.	2.3	75
2717	Beyond climate envelopes: bioâ€“climate modelling accords with observed 25â€“year changes in seabird populations of the British Isles. <i>Diversity and Distributions</i> , 2015, 21, 211-222.	1.9	22
2718	Dynamically Downscaled High-Resolution Hydroclimate Projections for Western Canada. <i>Journal of Climate</i> , 2015, 28, 423-450.	1.2	26
2719	Interannual and Interdecadal Variability of the Number of Cold Days in Hong Kong and Their Relationship with Large-Scale Circulation. <i>Monthly Weather Review</i> , 2015, 143, 1438-1454.	0.5	33
2720	Designing sea ice web APIs for ice information services. <i>Earth Science Informatics</i> , 2015, 8, 483-497.	1.6	4
2721	Large brown seaweeds of the British Isles: Evidence of changes in abundance over four decades. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 155, 167-175.	0.9	61
2722	The relative importance of methane sources and sinks over the Last Interglacial period and into the last glaciation. <i>Quaternary Science Reviews</i> , 2015, 112, 1-16.	1.4	20

#	ARTICLE	IF	CITATIONS
2723	Influence of the North Atlantic SST Variability on the Atmospheric Circulation during the Twentieth Century. <i>Journal of Climate</i> , 2015, 28, 1396-1416.	1.2	156
2724	ENSO in CMIP5 simulations: network connectivity from the recent past to the twenty-third century. <i>Climate Dynamics</i> , 2015, 45, 511-538.	1.7	18
2725	A Further Study of ENSO Rectification: Results from an OGCM with a Seasonal Cycle*. <i>Journal of Climate</i> , 2015, 28, 1362-1382.	1.2	12
2726	Plio-Pleistocene climate sensitivity evaluated using high-resolution CO2 records. <i>Nature</i> , 2015, 518, 49-54.	13.7	287
2727	Seasonal modes of dryness and wetness variability over Europe and their connections with large scale atmospheric circulation and global sea surface temperature. <i>Climate Dynamics</i> , 2015, 45, 2803-2829.	1.7	45
2728	Cluster Analysis of Downscaled and Explicitly Simulated North Atlantic Tropical Cyclone Tracks. <i>Journal of Climate</i> , 2015, 28, 1333-1361.	1.2	51
2729	Teleconnections of the tropical Atlantic and Pacific Oceans in a CMIP5 model ensemble. <i>Climate Dynamics</i> , 2015, 44, 3043-3055.	1.7	15
2730	On a landscape ecology of a harlequin environment: the marine landscape. <i>Landscape Ecology</i> , 2015, 30, 1-6.	1.9	20
2731	An intercomparison of CMIP5 and CMIP3 models for interannual variability of summer precipitation in Pan-Asian monsoon region. <i>International Journal of Climatology</i> , 2015, 35, 3770-3780.	1.5	22
2732	Interdecadal Variability of the South American Precipitation in the Monsoon Season. <i>Journal of Climate</i> , 2015, 28, 755-775.	1.2	64
2733	Tropical Atlantic influence on Pacific variability and mean state in the twentieth century in observations and CMIP5. <i>Climate Dynamics</i> , 2015, 44, 881-896.	1.7	61
2734	Long-term temperature and precipitation records from the Falkland Islands. <i>International Journal of Climatology</i> , 2015, 35, 1224-1231.	1.5	23
2735	How much of the NAO monthly variability is from ocean-atmospheric coupling: results from an interactive ensemble climate model. <i>Climate Dynamics</i> , 2015, 44, 781-790.	1.7	7
2736	Long-term climate change in the Mediterranean region in the midst of decadal variability. <i>Climate Dynamics</i> , 2015, 44, 1437-1456.	1.7	173
2737	Large-scale atmospheric flow conditions and sea surface temperatures associated with hazardous winds in Switzerland. <i>Climate Dynamics</i> , 2015, 44, 1857-1869.	1.7	7
2738	Reduced El Niño-Southern Oscillation during the Last Glacial Maximum. <i>Science</i> , 2015, 347, 255-258.	6.0	83
2739	A New Metric for Indian Monsoon Rainfall Extremes*. <i>Journal of Climate</i> , 2015, 28, 2842-2855.	1.2	2
2740	A Rossby Wave Bridge from the Tropical Atlantic to West Antarctica. <i>Journal of Climate</i> , 2015, 28, 2256-2273.	1.2	72

#	ARTICLE	IF	CITATIONS
2741	Processes in the Pacific La Niña onset triggered by the Atlantic Niño. <i>Climate Dynamics</i> , 2015, 44, 115-131.	1.7	95
2742	Why the twenty-first century tropical Pacific trend pattern cannot significantly influence ENSO amplitude?. <i>Climate Dynamics</i> , 2015, 44, 133-146.	1.7	18
2743	Tree-ring recorded hydroclimatic change in Tianshan mountains during the past 500 years. <i>Quaternary International</i> , 2015, 358, 35-41.	0.7	44
2744	The Curious Case of the EL Niño That Never Happened: A Perspective from 40 Years of Progress in Climate Research and Forecasting. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1647-1665.	1.7	47
2745	Causes of the Multidecadal-Scale Warming of the Intermediate Water in the Okhotsk Sea and Western Subarctic North Pacific. <i>Journal of Climate</i> , 2015, 28, 714-736.	1.2	9
2746	The Changing Relationship between Interannual Variations of the North Atlantic Oscillation and Northern Tropical Atlantic SST. <i>Journal of Climate</i> , 2015, 28, 485-504.	1.2	91
2747	Decoupling of seasonal temperature and precipitation over the western Pacific during the early mid-Holocene. <i>International Journal of Climatology</i> , 2015, 35, 794-800.	1.5	8
2748	A mechanism for the multidecadal modulation of ENSO teleconnection with Europe. <i>Climate Dynamics</i> , 2015, 45, 867-880.	1.7	44
2749	The effect of aerosols and sea surface temperature on China's climate in the late twentieth century from ensembles of global climate simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2261-2279.	1.2	26
2750	Quantifying the likelihood of a continued hiatus in global warming. <i>Nature Climate Change</i> , 2015, 5, 337-342.	8.1	76
2751	Extended Reconstructed Sea Surface Temperature Version 4 (ERSST.v4). Part I: Upgrades and Intercomparisons. <i>Journal of Climate</i> , 2015, 28, 911-930.	1.2	847
2752	Atlantic and Pacific multidecadal oscillations and Northern Hemisphere temperatures. <i>Science</i> , 2015, 347, 988-991.	6.0	232
2753	Attribution analysis of high precipitation events in summer in England and Wales over the last decade. <i>Climatic Change</i> , 2015, 132, 77-91.	1.7	23
2754	Connections between the South Asian summer monsoon and the tropical sea surface temperature in CMIP5. <i>Journal of Meteorological Research</i> , 2015, 29, 106-118.	0.9	10
2755	Tropical impact on the interannual variability and long-term trend of the Southern Annular Mode during austral summer from 1960/1961 to 2001/2002. <i>Climate Dynamics</i> , 2015, 44, 2215-2228.	1.7	15
2756	Fennoscandia revisited: a spatially improved tree-ring reconstruction of summer temperatures for the last 900 years. <i>Climate Dynamics</i> , 2015, 45, 933-947.	1.7	57
2757	Long term variations of extreme rainfall in Denmark and southern Sweden. <i>Climate Dynamics</i> , 2015, 44, 3155-3169.	1.7	25
2758	Thermodynamic characteristics and responses to ENSO of dominant intraseasonal modes in the East Asian summer monsoon. <i>Climate Dynamics</i> , 2015, 44, 1751-1766.	1.7	36

#	ARTICLE	IF	CITATIONS
2759	A twentieth-century reanalysis forced ocean model to reconstruct the North Atlantic climate variation during the 1920s. <i>Climate Dynamics</i> , 2015, 44, 1935-1955.	1.7	26
2760	An optimal index for measuring the effect of East Asian winter monsoon on China winter temperature. <i>Climate Dynamics</i> , 2015, 45, 2571-2589.	1.7	26
2761	Quantifying the Effects of Long-Term Climate Change on Tropical Cyclone Rainfall Using a Cloud-Resolving Model: Examples of Two Landfall Typhoons in Taiwan. <i>Journal of Climate</i> , 2015, 28, 66-85.	1.2	48
2762	Robust Sahel drought due to the Interdecadal Pacific Oscillation in CMIP5 simulations. <i>Geophysical Research Letters</i> , 2015, 42, 1214-1222.	1.5	52
2763	Contemporary white-band disease in Caribbean corals driven by climate change. <i>Nature Climate Change</i> , 2015, 5, 375-379.	8.1	124
2764	Simulated U.S. Drought Response to Interannual and Decadal Pacific SST Variability. <i>Journal of Climate</i> , 2015, 28, 4688-4705.	1.2	16
2765	Impacts of Indo-Pacific Sea Surface Temperature Anomalies on the Summer Monsoon Circulation and Heavy Precipitation over Northwest Indiaâ€”Pakistan Region during 2010. <i>Journal of Climate</i> , 2015, 28, 3714-3730.	1.2	37
2766	Projected future duration of the sea-ice-free season in the Alaskan Arctic. <i>Progress in Oceanography</i> , 2015, 136, 50-59.	1.5	82
2767	Carbon dynamics of the Weddell Gyre, Southern Ocean. <i>Global Biogeochemical Cycles</i> , 2015, 29, 288-306.	1.9	24
2768	Influence of tropical Pacific SST on seasonal precipitation in Colombia: prediction using El NiÃ±o and El NiÃ±o Modoki. <i>Climate Dynamics</i> , 2015, 44, 1293-1310.	1.7	42
2769	Poleward shift in Indian summer monsoon low level jetstream under global warming. <i>Climate Dynamics</i> , 2015, 45, 337-351.	1.7	94
2770	Pacific variability under present-day and Middle Miocene boundary conditions. <i>Climate Dynamics</i> , 2015, 44, 2609-2621.	1.7	3
2771	The East Asian Summer Monsoon in pacemaker experiments driven by ENSO. <i>Ocean Dynamics</i> , 2015, 65, 385-393.	0.9	5
2772	Observed and simulated inter-decadal changes in the structure of Southern Hemisphere large-scale circulation. <i>Climate Dynamics</i> , 2015, 45, 2993-3017.	1.7	13
2773	Impact of the winter North Atlantic Oscillation (NAO) on the Western Pacific (WP) pattern in the following winter through Arctic sea ice and ENSO: part Iâ€”observational evidence. <i>Climate Dynamics</i> , 2015, 45, 1355-1366.	1.7	19
2774	Out-of-phase relationship between tropical cyclones generated locally in the South China Sea and non-locally from the Northwest Pacific Ocean. <i>Climate Dynamics</i> , 2015, 45, 1129-1136.	1.7	19
2775	Why does the IOD-ENSO teleconnection disappear in some decades?. <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 534-544.	0.7	4
2776	Tropical SST forcing on the anomalous WNP subtropical high during Julyâ€”August 2010 and the record-high SST in the tropical Atlantic. <i>Climate Dynamics</i> , 2015, 45, 633-650.	1.7	33

#	ARTICLE	IF	CITATIONS
2777	Intensified impact of tropical Atlantic SST on the western North Pacific summer climate under a weakened Atlantic thermohaline circulation. <i>Climate Dynamics</i> , 2015, 45, 2033-2046.	1.7	44
2778	NEMOâ€™ICB (v1.0): interactive icebergs in the NEMO ocean model globally configured at eddy-permitting resolution. <i>Geoscientific Model Development</i> , 2015, 8, 1547-1562.	1.3	70
2779	Bimodality and regime behavior in atmosphereâ€™ocean interactions during the recent climate change. <i>Dynamics of Atmospheres and Oceans</i> , 2015, 70, 1-11.	0.7	6
2780	Contrasting environmental drivers of adult and juvenile growth in a marine fish: implications for the effects of climate change. <i>Scientific Reports</i> , 2015, 5, 10859.	1.6	44
2781	Future Projection of Ocean Wave Climate: Analysis of SST Impacts on Wave Climate Changes in the Western North Pacific. <i>Journal of Climate</i> , 2015, 28, 3171-3190.	1.2	41
2782	The Influence of the Indian Ocean Dipole on Antarctic Sea Ice*. <i>Journal of Climate</i> , 2015, 28, 2682-2690.	1.2	48
2783	Monsoon-Induced Biases of Climate Models over the Tropical Indian Ocean*. <i>Journal of Climate</i> , 2015, 28, 3058-3072.	1.2	86
2784	The Forcing of Southwestern Asia Teleconnections by Low-Frequency Sea Surface Temperature Variability during Boreal Winter. <i>Journal of Climate</i> , 2015, 28, 1511-1526.	1.2	36
2785	Changes in Global Ocean Bottom Properties and Volume Transports in CMIP5 Models under Climate Change Scenarios*. <i>Journal of Climate</i> , 2015, 28, 2917-2944.	1.2	63
2786	A Source of AGCM Bias in Simulating the Western Pacific Subtropical High: Different Sensitivities to the Two Types of ENSO. <i>Monthly Weather Review</i> , 2015, 143, 2348-2362.	0.5	19
2787	Tropical cyclone rainfall area controlled by relative sea surface temperature. <i>Nature Communications</i> , 2015, 6, 6591.	5.8	139
2788	An Analysis of the Linkage of Pacific Subtropical Cells with the Rechargeâ€™Discharge Processes in ENSO Evolution. <i>Journal of Climate</i> , 2015, 28, 3786-3805.	1.2	18
2789	On the surprising lack of differences between two congeneric calanoid copepod species, <i>Calanus finmarchicus</i> and <i>C. helgolandicus</i> . <i>Progress in Oceanography</i> , 2015, 134, 413-431.	1.5	28
2790	Combination Mode Dynamics of the Anomalous Northwest Pacific Anticyclone*. <i>Journal of Climate</i> , 2015, 28, 1093-1111.	1.2	169
2794	Impact of Initial Conditions versus External Forcing in Decadal Climate Predictions: A Sensitivity Experiment*. <i>Journal of Climate</i> , 2015, 28, 4454-4470.	1.2	27
2795	Forced and Internal Variability of Tropical Cyclone Track Density in the Western North Pacific*. <i>Journal of Climate</i> , 2015, 28, 143-167.	1.2	51
2796	Seasonal-to-Interannual Variability of Ethiopia/Horn of Africa Monsoon. Part II: Statistical Multimodel Ensemble Rainfall Predictions. <i>Journal of Climate</i> , 2015, 28, 3511-3536.	1.2	20
2797	Summer-to-Winter Sea-Ice Linkage between the Arctic Ocean and the Okhotsk Sea through Atmospheric Circulation. <i>Journal of Climate</i> , 2015, 28, 4971-4979.	1.2	8

#	ARTICLE	IF	CITATIONS
2798	Causes of the 2011â€“14 California Drought*. Journal of Climate, 2015, 28, 6997-7024.	1.2	317
2799	Changes in weather and climate extremes over Korea and possible causes: A review. Asia-Pacific Journal of Atmospheric Sciences, 2015, 51, 103-121.	1.3	82
2800	Regional Structure of the Indian Summer Monsoon in Observations, Reanalysis, and Simulation. Journal of Climate, 2015, 28, 1824-1841.	1.2	16
2801	Decadal Rainfall Dipole Oscillation over Southern Africa Modulated by Variation of Austral Summer Landâ€“Sea Contrast along the East Coast of Africa. Journals of the Atmospheric Sciences, 2015, 72, 1827-1836.	0.6	14
2802	The Response of the Indian Ocean Dipole Asymmetry to Anthropogenic Aerosols and Greenhouse Gases. Journal of Climate, 2015, 28, 2564-2583.	1.2	9
2803	Sea Surface Temperature Trends in the Coastal Zone of British Columbia, Canada. Journal of Coastal Research, 2015, 300, 434-446.	0.1	12
2804	Amplified Arctic warming by phytoplankton under greenhouse warming. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5921-5926.	3.3	63
2805	Growthâ€“climate response and drought reconstruction from tree-ring of Mongolian pine in Hulunbuir, Northeast China. Journal of Plant Ecology, 0, , rtv029.	1.2	6
2806	Onset of the Rainy Seasons in the Eastern Indochina Peninsula. Journal of Climate, 2015, 28, 5645-5666.	1.2	44
2807	Freshwater impacts in the central Great Barrier Reef: 1648â€“2011. Coral Reefs, 2015, 34, 739-751.	0.9	67
2808	Asian summer monsoon onset in simulations and CMIP5 projections using four Chinese climate models. Advances in Atmospheric Sciences, 2015, 32, 794-806.	1.9	28
2809	Non-random correlation structures and dimensionality reduction in multivariate climate data. Climate Dynamics, 2015, 44, 2663-2682.	1.7	32
2810	Assessing the effect of domain size over the Caribbean region using the PRECIS regional climate model. Climate Dynamics, 2015, 44, 1901-1918.	1.7	35
2811	Two leading modes of Northern Hemisphere blocking variability in the boreal wintertime and their relationship with teleconnection patterns. Climate Dynamics, 2015, 44, 2479-2491.	1.7	12
2812	Role of sea surface temperature, Arctic sea ice and Siberian snow in forcing the atmospheric circulation in winter of 2012â€“2013. Climate Dynamics, 2015, 45, 1181-1206.	1.7	11
2813	Moisture budget analysis of SST-driven decadal Sahel precipitation variability in the twentieth century. Climate Dynamics, 2015, 44, 3303-3321.	1.7	22
2814	Understanding and predicting the strong Southern Annular Mode and its impact on the record wet east Australian spring 2010. Climate Dynamics, 2015, 44, 2807-2824.	1.7	33
2815	Interannual variability of autumn to spring seasonal precipitation in eastern China. Climate Dynamics, 2015, 45, 253-271.	1.7	21

#	ARTICLE	IF	CITATIONS
2816	Interannual variability of the spring atmospheric heat source over the Tibetan Plateau forced by the North Atlantic SSTA. <i>Climate Dynamics</i> , 2015, 45, 1617-1634.	1.7	64
2817	Different El Niño types and intense typhoons in the Western North Pacific. <i>Climate Dynamics</i> , 2015, 44, 2965-2977.	1.7	37
2818	The double ITCZ bias in CMIP5 models: interaction between SST, large-scale circulation and precipitation. <i>Climate Dynamics</i> , 2015, 44, 585-607.	1.7	129
2819	Impacts of the Atlantic Equatorial Mode in a warmer climate. <i>Climate Dynamics</i> , 2015, 45, 2255-2271.	1.7	30
2820	Linear interference and the northern annular mode response to El Niño and climate change. <i>Climate Dynamics</i> , 2015, 45, 2977-2991.	1.7	4
2821	A Tripole Index for the Interdecadal Pacific Oscillation. <i>Climate Dynamics</i> , 2015, 45, 3077-3090.	1.7	485
2822	Interdecadal change in typhoon genesis condition over the western North Pacific. <i>Climate Dynamics</i> , 2015, 45, 3243-3255.	1.7	42
2823	Decadal changes in tropical cyclone activity over the western North Pacific in the late 1990s. <i>Climate Dynamics</i> , 2015, 45, 3317-3329.	1.7	87
2824	Revisiting El Niño Modoki. <i>Climate Dynamics</i> , 2015, 45, 3527-3545.	1.7	67
2825	Objective estimate of future climate analogues projected by an ensemble AGCM experiment under the SRES A1B scenario. <i>Climatic Change</i> , 2015, 131, 677-689.	1.7	6
2826	The influence of El Niño on MJO over the equatorial pacific. <i>Journal of Ocean University of China</i> , 2015, 14, 1-8.	0.6	28
2827	Strong influence of westerly wind bursts on El Niño diversity. <i>Nature Geoscience</i> , 2015, 8, 339-345.	5.4	277
2828	Response of Southern Ocean Convection and Abyssal Overturning to Surface Buoyancy Perturbations. <i>Journal of Climate</i> , 2015, 28, 4263-4278.	1.2	17
2829	Reconstruction of glacier fluctuations in the East Sayan, Baikalsky and Kodar Ridges (East Siberia), Tj ETQq1 1 0.784314 rgBT /Overlook bottom sediments. <i>Environmental Earth Sciences</i> , 2015, 74, 2029-2040.	1.3	12
2830	Influence of climate warming and resin collection on the growth of Masson pine (<i>Pinus massoniana</i>) in a subtropical forest, southern China. <i>Trees - Structure and Function</i> , 2015, 29, 1423-1430.	0.9	32
2831	Global Seasonal Precipitation Anomalies Robustly Associated with El Niño and La Niña Events: An OLR Perspective*,+. <i>Journal of Climate</i> , 2015, 28, 6133-6159.	1.2	51
2832	On the correspondence between a large class of dynamical systems and stochastic processes described by the generalized Fokker-Planck equation with state-dependent diffusion and drift coefficients. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P05016.	0.9	12
2833	Recent climate warming of central China reflected by temperature-sensitive tree growth in the eastern Qinling Mountains and its linkages to the Pacific and Atlantic oceans. <i>Journal of Mountain Science</i> , 2015, 12, 396-403.	0.8	16

#	ARTICLE	IF	CITATIONS
2834	The response of ENSO flavors to mid-Holocene climate: Implications for proxy interpretation. <i>Paleoceanography</i> , 2015, 30, 527-547.	3.0	75
2835	The relation of South China Sea monsoon onset with the subsequent rainfall over the subtropical East Asia. <i>International Journal of Climatology</i> , 2015, 35, 4547-4556.	1.5	52
2836	Feedbacks of Sea Surface Temperature to Wintertime Storm Tracks in the North Atlantic. <i>Journal of Climate</i> , 2015, 28, 306-323.	1.2	19
2837	South Pacific circulation changes and their connection to the tropics and regional Antarctic warming in austral spring, 1979-2012. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2773-2792.	1.2	70
2838	Seasonal Predictability of Extratropical Storm Tracks in GFDL's High-Resolution Climate Prediction Model. <i>Journal of Climate</i> , 2015, 28, 3592-3611.	1.2	71
2839	Extratropical Ocean Warming and Winter Arctic Sea Ice Cover since the 1990s. <i>Journal of Climate</i> , 2015, 28, 5510-5522.	1.2	25
2840	Bidecadal North Atlantic ocean circulation variability controlled by timing of volcanic eruptions. <i>Nature Communications</i> , 2015, 6, 6545.	5.8	101
2841	Improved Seasonal Prediction of Temperature and Precipitation over Land in a High-Resolution GFDL Climate Model. <i>Journal of Climate</i> , 2015, 28, 2044-2062.	1.2	141
2842	Pacific sea surface temperature and the winter of 2014. <i>Geophysical Research Letters</i> , 2015, 42, 1894-1902.	1.5	252
2843	A Link between the Hiatus in Global Warming and North American Drought. <i>Journal of Climate</i> , 2015, 28, 3834-3845.	1.2	91
2844	Trends and Variability of Sea Surface Temperature in the Northwest Atlantic from Three Historical Gridded Datasets. <i>Atmosphere - Ocean</i> , 2015, 53, 510-528.	0.6	17
2845	Insights on past and future sea-ice evolution from combining observations and models. <i>Global and Planetary Change</i> , 2015, 135, 119-132.	1.6	97
2846	The Influence of Sea Ice Dynamics on the Climate Sensitivity and Memory to Increased Antarctic Sea Ice. <i>Journal of Climate</i> , 2015, 28, 9642-9668.	1.2	15
2847	Direct weakening of tropical circulations from masked CO ₂ radiative forcing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13167-13171.	3.3	72
2848	Natural variability of benthic foraminiferal assemblages and metal concentrations during the last 150years in the IngÅy djupet trough, SW Barents Sea. <i>Marine Micropaleontology</i> , 2015, 121, 16-31.	0.5	11
2849	Impact of SST on Tropical Cyclones in North Indian Ocean. <i>Procedia Engineering</i> , 2015, 116, 1072-1077.	1.2	26
2850	Climate Comparisons and Change Projections for the Northwest Atlantic from Six CMIP5 Models. <i>Atmosphere - Ocean</i> , 2015, 53, 529-555.	0.6	25
2851	Contribution of Synoptic Transients to the Potential Predictability of PNA Circulation Anomalies: El Niño versus La Niña. <i>Journal of Climate</i> , 2015, 28, 8347-8362.	1.2	17

#	ARTICLE	IF	CITATIONS
2852	The Dynamical Influence of Separate Teleconnections from the Pacific and Indian Oceans on the Northern Annular Mode. <i>Journal of Climate</i> , 2015, 28, 7985-8002.	1.2	31
2853	The role of the SST-thermocline relationship in Indian Ocean Dipole skewness and its response to global warming. <i>Scientific Reports</i> , 2014, 4, 6034.	1.6	37
2854	Indo-China Monsoon Indices. <i>Scientific Reports</i> , 2015, 5, 8107.	1.6	22
2855	Seasonality and Predictability of the Indian Ocean Dipole Mode: ENSO Forcing and Internal Variability. <i>Journal of Climate</i> , 2015, 28, 8021-8036.	1.2	114
2856	The Relationship between Contiguous El Niño and La Niña Revealed by Self-Organizing Maps. <i>Journal of Climate</i> , 2015, 28, 8118-8134.	1.2	16
2857	Southward shift of the northern tropical belt from 1945 to 1980. <i>Nature Geoscience</i> , 2015, 8, 969-974.	5.4	39
2858	Interdecadal Difference of Interannual Variability Characteristics of South China Sea SSTs Associated with ENSO. <i>Journal of Climate</i> , 2015, 28, 7145-7160.	1.2	22
2859	Robust comparison of climate models with observations using blended land air and ocean sea surface temperatures. <i>Geophysical Research Letters</i> , 2015, 42, 6526-6534.	1.5	139
2860	Reconciling two alternative mechanisms behind bi-decadal variability in the North Atlantic. <i>Progress in Oceanography</i> , 2015, 137, 237-249.	1.5	39
2861	Arctic Sea Ice Reemergence: The Role of Large-Scale Oceanic and Atmospheric Variability*. <i>Journal of Climate</i> , 2015, 28, 5477-5509.	1.2	46
2862	Relative contributions of the Tibetan Plateau thermal forcing and the Indian Ocean Sea surface temperature basin mode to the interannual variability of the East Asian summer monsoon. <i>Climate Dynamics</i> , 2015, 45, 2697-2711.	1.7	75
2863	Past and future rainfall in the Horn of Africa. <i>Science Advances</i> , 2015, 1, e1500682.	4.7	175
2864	The Atlantic Multidecadal Oscillation without a role for ocean circulation. <i>Science</i> , 2015, 350, 320-324.	6.0	287
2865	Linkages of remote sea surface temperatures and Atlantic tropical cyclone activity mediated by the African monsoon. <i>Geophysical Research Letters</i> , 2015, 42, 572-578.	1.5	0
2866	Reconciling Past and Future Rainfall Trends over East Africa. <i>Journal of Climate</i> , 2015, 28, 9768-9788.	1.2	187
2867	Decadal Change in Tropical Cyclone Activity over the South China Sea around 2002/03. <i>Journal of Climate</i> , 2015, 28, 5935-5951.	1.2	20
2868	Separating Internal Variability from the Externally Forced Climate Response. <i>Journal of Climate</i> , 2015, 28, 8184-8202.	1.2	90
2869	The Linkage between Upper-Level Jet Streams over East Asia and East Asian Winter Monsoon Variability. <i>Journal of Climate</i> , 2015, 28, 9013-9028.	1.2	66

#	ARTICLE	IF	CITATIONS
2870	Slowing down of North Pacific climate variability and its implications for abrupt ecosystem change. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11496-11501.	3.3	36
2871	Large-scale climatic anomalies affect marine predator foraging behaviour and demography. Nature Communications, 2015, 6, 8220.	5.8	117
2872	An Intermodel Approach to Identify the Source of Excessive Equatorial Pacific Cold Tongue in CMIP5 Models and Uncertainty in Observational Datasets. Journal of Climate, 2015, 28, 7630-7640.	1.2	61
2873	Impacts of variations in the strength and structure of El Niño events on Pacific rainfall in CMIP5 models. Climate Dynamics, 2015, 44, 3171-3186.	1.7	7
2874	Tree-ring reconstructed dry season rainfall in Guatemala. Climate Dynamics, 2015, 45, 1537-1546.	1.7	15
2875	Scaling Behaviors of Global Sea Surface Temperature. Journal of Climate, 2015, 28, 3122-3132.	1.2	20
2876	Tree-ring reconstructed temperature index for coastal northern Japan: implications for western North Pacific variability. International Journal of Climatology, 2015, 35, 3713-3720.	1.5	14
2877	Assessing the impact of El Niño Modoki on seasonal precipitation in Colombia. Global and Planetary Change, 2015, 124, 41-61.	1.6	51
2878	Significant Influences of Global Mean Temperature and ENSO on Extreme Rainfall in Southeast Asia. Journal of Climate, 2015, 28, 1905-1919.	1.2	84
2879	An evaluation of experimental decadal predictions using CCSM4. Climate Dynamics, 2015, 44, 907-923.	1.7	34
2880	Effect of surface restoring on subsurface variability in a climate model during 1949–2005. Climate Dynamics, 2015, 44, 2333-2349.	1.7	9
2881	Temperature tracking by North Sea benthic invertebrates in response to climate change. Global Change Biology, 2015, 21, 117-129.	4.2	111
2882	Sensitivity of summer precipitation over the Korean Peninsula to temperature gradients. International Journal of Climatology, 2015, 35, 836-845.	1.5	4
2883	Oceanography north of 60°N from World Ocean Database. Progress in Oceanography, 2015, 132, 153-173.	1.5	37
2884	Impact of repetitive thermal anomalies on survival and development of mass reef-building corals in the <sc>M</sc>dives. Marine Ecology, 2015, 36, 292-304.	0.4	20
2885	Toward a record of Central Pacific El Niño events since 1880. Theoretical and Applied Climatology, 2015, 119, 379-389.	1.3	33
2886	Tree-ring response of subtropical tree species in southeast China on regional climate and sea-surface temperature variations. Trees - Structure and Function, 2015, 29, 17-24.	0.9	34
2887	Episodic and non-uniform shifts of thermal habitats in a warming ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 113, 59-72.	0.6	31

#	ARTICLE	IF	CITATIONS
2888	Examining common assumptions about recruitment: a meta-analysis of recruitment dynamics for worldwide marine fisheries. <i>Fish and Fisheries</i> , 2015, 16, 633-648.	2.7	218
2889	Spatial and temporal variability of sea surface temperature and warming trends in the Yellow Sea. <i>Journal of Marine Systems</i> , 2015, 143, 24-38.	0.9	79
2890	October circulation precursors of the wintertime Arctic Oscillation. <i>International Journal of Climatology</i> , 2015, 35, 161-171.	1.5	19
2891	More-frequent extreme northward shifts of eastern Indian Ocean tropical convergence under greenhouse warming. <i>Scientific Reports</i> , 2014, 4, 6087.	1.6	18
2892	Characterization of the 1970s climate shift in South America. <i>International Journal of Climatology</i> , 2015, 35, 2164-2179.	1.5	66
2893	Adverse consequences of stock recovery: European hake, a new "choke" species under a discard ban?. <i>Fish and Fisheries</i> , 2015, 16, 563-575.	2.7	59
2894	A statistical framework to explore ontogenetic growth variation among individuals and populations: a marine fish example. <i>Ecological Monographs</i> , 2015, 85, 93-115.	2.4	124
2895	Contrasting interannual and multidecadal NAO variability. <i>Climate Dynamics</i> , 2015, 45, 539-556.	1.7	120
2896	Multi-model ensemble projections of climate change effects on global marine biodiversity. <i>ICES Journal of Marine Science</i> , 2015, 72, 741-752.	1.2	224
2897	Influence of the tropical Pacific east-west thermal contrast on the autumn precipitation in South China. <i>International Journal of Climatology</i> , 2015, 35, 1543-1555.	1.5	25
2898	Teleconnections between Tropical Pacific SST Anomalies and Extratropical Southern Hemisphere Climate. <i>Journal of Climate</i> , 2015, 28, 56-65.	1.2	75
2899	Arctic summer storm track in CMIP3/5 climate models. <i>Climate Dynamics</i> , 2015, 44, 1311-1327.	1.7	22
2900	On the Relationship between the North Pacific Climate Variability and the Central Pacific El Niño. <i>Journal of Climate</i> , 2015, 28, 663-677.	1.2	92
2901	Effects of extratropical warming on ENSO amplitudes in an ensemble of a coupled GCM. <i>Climate Dynamics</i> , 2015, 44, 679-693.	1.7	4
2902	An interdecadal change in the influence of the spring Arctic Oscillation on the subsequent ENSO around the early 1970s. <i>Climate Dynamics</i> , 2015, 44, 1109-1126.	1.7	53
2903	An evaluation of the CMIP3 and CMIP5 simulations in their skill of simulating the spatial structure of SST variability. <i>Climate Dynamics</i> , 2015, 44, 95-114.	1.7	38
2904	Impacts of two types of La Niña on the NAO during boreal winter. <i>Climate Dynamics</i> , 2015, 44, 1351-1366.	1.7	131
2905	The ENSO-Australian rainfall teleconnection in reanalysis and CMIP5. <i>Climate Dynamics</i> , 2015, 44, 2623-2635.	1.7	32

#	ARTICLE	IF	CITATIONS
2927	Modeling precipitation <i>variability in East Asia since the Last Glacial Maximum: temperature and amount effects across different timescales. <i>Climate of the Past</i> , 2016, 12, 2077-2085.	1.3	6
2928	Observationally based analysis of land-atmosphere coupling. <i>Earth System Dynamics</i> , 2016, 7, 251-266.	2.7	13
2929	On the relationship between hurricane cost and the integrated wind profile. <i>Environmental Research Letters</i> , 2016, 11, 114005.	2.2	26
2930	Variability of fire emissions on interannual to multi-decadal timescales in two Earth System models. <i>Environmental Research Letters</i> , 2016, 11, 125008.	2.2	7
2931	A sea surface temperature reconstruction for the southern Indian Ocean trade wind belt from corals in Rodrigues Island (19°S, 63°E). <i>Biogeosciences</i> , 2016, 13, 5827-5847.	1.3	16
2932	Towards an Automatic Ice Navigation Support System in the Arctic Sea. <i>ISPRS International Journal of Geo-Information</i> , 2016, 5, 36.	1.4	19
2933	Development and evaluation of CNRM Earth system model - CNRM-ESM1. <i>Geoscientific Model Development</i> , 2016, 9, 1423-1453.	1.3	65
2934	The influence of winter and summer atmospheric circulation on the variability of temperature and sea ice around Greenland. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2016, 68, 31971.	0.8	8
2935	Earth System Chemistry integrated Modelling (ESCMo) with the Modular Earth Submodel System (MESSy) version 2.5.1. <i>Geoscientific Model Development</i> , 2016, 9, 1153-1200.	1.3	208
2936	ESMValTool (v1.0) - a community diagnostic and performance metrics tool for routine evaluation of Earth system models in CMIP. <i>Geoscientific Model Development</i> , 2016, 9, 1747-1802.	1.3	127
2937	Real-time extreme weather event attribution with forecast seasonal SSTs. <i>Environmental Research Letters</i> , 2016, 11, 064006.	2.2	37
2938	Probabilistic precipitation and temperature downscaling of the Twentieth Century Reanalysis over France. <i>Climate of the Past</i> , 2016, 12, 635-662.	1.3	35
2939	The Arctic Predictability and Prediction on Seasonal-to-Interannual Timescales (APPOSITE) data set version 1. <i>Geoscientific Model Development</i> , 2016, 9, 2255-2270.	1.3	26
2940	Geospatial Trends and Decadal Anomalies in Extreme Rainfall over Uganda, East Africa. <i>Advances in Meteorology</i> , 2016, 2016, 1-15.	0.6	25
2941	Climate variability and human impact in South America during the last 2000 years: synthesis and perspectives from pollen records. <i>Climate of the Past</i> , 2016, 12, 483-523.	1.3	102
2942	An Interdecadal Increase in the Spring Bering Sea Ice Cover in 2007. <i>Frontiers in Earth Science</i> , 2016, 4, .	0.8	4
2943	Phenology of Size-Partitioned Phytoplankton Carbon-Biomass from Ocean Color Remote Sensing and CMIP5 Models. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	17
2944	Influence of ENSO on Regional Indian Summer Monsoon Precipitation - Local Atmospheric Influences or Remote Influence from Pacific. <i>Atmosphere</i> , 2016, 7, 25.	1.0	26

#	ARTICLE	IF	CITATIONS
2945	The Teleconnection of the Tropical Atlantic to Indo-Pacific Sea Surface Temperatures on Inter-Annual to Centennial Time Scales: A Review of Recent Findings. <i>Atmosphere</i> , 2016, 7, 29.	1.0	86
2946	Sulfate Aerosols from Non-Explosive Volcanoes: Chemical-Radiative Effects in the Troposphere and Lower Stratosphere. <i>Atmosphere</i> , 2016, 7, 85.	1.0	17
2947	A Review of ENSO Influence on the North Atlantic. A Non-Stationary Signal. <i>Atmosphere</i> , 2016, 7, 87.	1.0	67
2948	Surface Area Variability of a North-Central Tanzanian Crater Lake. <i>Geosciences (Switzerland)</i> , 2016, 6, 27.	1.0	4
2949	Climate Change Impacts on Future Wave Climate around the UK. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 78.	1.2	16
2950	Modulation of the boreal wintertime Madden-Julian oscillation by the stratospheric quasi-biennial oscillation. <i>Geophysical Research Letters</i> , 2016, 43, 1392-1398.	1.5	194
2951	A Quantitative Estimation of the Transport of Surface Emissions from Different Regions into the Stratosphere. <i>Scientific Online Letters on the Atmosphere</i> , 2016, 12, 65-69.	0.6	3
2952	On the Non-Stationary Relationship between the Siberian High and Arctic Oscillation. <i>PLoS ONE</i> , 2016, 11, e0158122.	1.1	29
2953	Statistical Models for Tornado Climatology: Long and Short-Term Views. <i>PLoS ONE</i> , 2016, 11, e0166895.	1.1	24
2954	Future Changes in Rainfall Extremes Associated with El Niño Projected by a Global 20-km Mesh Atmospheric Model. <i>Scientific Online Letters on the Atmosphere</i> , 2016, 12A, 1-6.	0.6	14
2955	The offline Lagrangian particle model FLEXPART-NorESM/CAM (v1): model description and comparisons with the online NorESM transport scheme and with the reference FLEXPART model. <i>Geoscientific Model Development</i> , 2016, 9, 4029-4048.	1.3	11
2956	Vegetation-climate feedbacks modulate rainfall patterns in Africa under future climate change. <i>Earth System Dynamics</i> , 2016, 7, 627-647.	2.7	46
2957	Prediction and predictability of land and atmosphere initialized CCSM4 climate forecasts over North America. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 12,690.	1.2	38
2958	Long-term trends of the Polar and Arctic cells influencing the Arctic climate since 1989. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 2679-2690.	1.2	6
2959	Spatial partitioning and temporal evolution of Australia's total water storage under extreme hydroclimatic impacts. <i>Remote Sensing of Environment</i> , 2016, 183, 43-52.	4.6	45
2960	Growth rates and ecology of coralline rhodoliths from the Ras Chamila back reef lagoon, Red Sea. <i>Marine Ecology</i> , 2016, 37, 713-726.	0.4	18
2961	Australasian Temperature Reconstructions Spanning the Last Millennium. <i>Journal of Climate</i> , 2016, 29, 5365-5392.	1.2	34
2962	Comments on "Combination Mode Dynamics of the Anomalous Northwest Pacific Anticyclone". <i>Journal of Climate</i> , 2016, 29, 4685-4693.	1.2	17

#	ARTICLE	IF	CITATIONS
2963	High-Resolution Climate Simulations Using GFDL HiRAM with a Stretched Global Grid. <i>Journal of Climate</i> , 2016, 29, 4293-4314.	1.2	111
2964	Linear Additive Impacts of Arctic Sea Ice Reduction and La Niña on the Northern Hemisphere Winter Climate. <i>Journal of Climate</i> , 2016, 29, 5513-5532.	1.2	12
2965	High Cloud Responses to Global Warming Simulated by Two Different Cloud Microphysics Schemes Implemented in the Nonhydrostatic Icosahedral Atmospheric Model (NICAM). <i>Journal of Climate</i> , 2016, 29, 5949-5964.	1.2	21
2966	Intensified Interannual Relationship between Tropical Cyclone Genesis Frequency over the Northwest Pacific and the SST Gradient between the Southwest Pacific and the Western Pacific Warm Pool since the Mid-1970s. <i>Journal of Climate</i> , 2016, 29, 3811-3830.	1.2	22
2967	Past and Projected Changes in Western North Pacific Tropical Cyclone Exposure. <i>Journal of Climate</i> , 2016, 29, 5725-5739.	1.2	178
2968	Evidence for climate-driven synchrony of marine and terrestrial ecosystems in northwest Australia. <i>Global Change Biology</i> , 2016, 22, 2776-2786.	4.2	30
2969	A multidecadal oscillation in the northeastern Pacific. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 315-326.	0.5	6
2970	Intensification of tropical Pacific biological productivity due to volcanic eruptions. <i>Geophysical Research Letters</i> , 2016, 43, 1184-1192.	1.5	21
2971	Assessment of the response of the East Asian winter monsoon to ENSO-like SSTAs in three U.S. CLIVAR Project models. <i>International Journal of Climatology</i> , 2016, 36, 847-866.	1.5	11
2972	Unambiguous warming in the western tropical Pacific primarily caused by anthropogenic forcing. <i>International Journal of Climatology</i> , 2016, 36, 933-944.	1.5	18
2973	Analysis of oceans' influence on spring time rainfall variability over Southeastern South America during the 20th century. <i>International Journal of Climatology</i> , 2016, 36, 1344-1358.	1.5	23
2974	Spatiotemporal Patterns of Agricultural Drought in Sri Lanka: 1881–2010. <i>International Journal of Climatology</i> , 2016, 36, 563-575.	1.5	37
2975	Relation between the upper ocean heat content in the equatorial Atlantic during boreal spring and the Indian monsoon rainfall during June–September. <i>International Journal of Climatology</i> , 2016, 36, 2469-2480.	1.5	37
2976	On assessment of the relationship between changes of sea ice extent and climate in the Arctic. <i>International Journal of Climatology</i> , 2016, 36, 3407-3412.	1.5	23
2977	Impacts of and adaptation to inter-decadal marine climate change in coastal China seas. <i>International Journal of Climatology</i> , 2016, 36, 3770-3780.	1.5	43
2978	Linking large-scale climate variability with <i>A. islandica</i> shell growth and geochemistry in northern Norway. <i>Limnology and Oceanography</i> , 2016, 61, 748-764.	1.6	64
2979	Global Air–Sea CO ₂ Flux in 22 CMIP5 Models: Multiyear Mean and Interannual Variability*. <i>Journal of Climate</i> , 2016, 29, 2407-2431.	1.2	20
2980	Calibrating Climate Change Time-Slice Projections with Estimates of Seasonal Forecast Reliability. <i>Journal of Climate</i> , 2016, 29, 3831-3840.	1.2	6

#	ARTICLE	IF	CITATIONS
2981	Statistical–Dynamical Seasonal Forecast of North Atlantic and U.S. Landfalling Tropical Cyclones Using the High-Resolution GFDL FLOR Coupled Model. <i>Monthly Weather Review</i> , 2016, 144, 2101-2123.	0.5	55
2982	The predictive skill of species distribution models for plankton in a changing climate. <i>Global Change Biology</i> , 2016, 22, 3170-3181.	4.2	41
2983	The influence of ENSO on South American precipitation during austral summer and autumn in observations and models. <i>International Journal of Climatology</i> , 2016, 36, 618-635.	1.5	46
2984	Modelled and observed sea surface temperature trends for the Caribbean and Antilles. <i>International Journal of Climatology</i> , 2016, 36, 1873-1886.	1.5	18
2985	The cooperative impacts of the El Niño-Southern Oscillation and the Indian Ocean Dipole on the interannual variability of autumn rainfall in China. <i>International Journal of Climatology</i> , 2016, 36, 1987-1999.	1.5	52
2986	Contribution of atmospheric internal processes to the interannual variability of the South Asian summer monsoon. <i>International Journal of Climatology</i> , 2016, 36, 2917-2930.	1.5	11
2987	Delayed withdrawal of the autumn rainy season over central Vietnam in recent decades. <i>International Journal of Climatology</i> , 2016, 36, 3002-3019.	1.5	7
2988	Temperature, extreme precipitation, and diurnal rainfall changes in the urbanized Jakarta city during the past 130 years. <i>International Journal of Climatology</i> , 2016, 36, 3207-3225.	1.5	61
2989	Extreme Noise–Extreme El Niño: How State-Dependent Noise Forcing Creates El Niño–La Niña Asymmetry. <i>Journal of Climate</i> , 2016, 29, 5483-5499.	1.2	83
2990	Interannual to interdecadal variability of winter and summer southern African rainfall, and their teleconnections. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 6215-6239.	1.2	54
2991	Lead in the western South China Sea: Evidence of atmospheric deposition and upwelling. <i>Geophysical Research Letters</i> , 2016, 43, 4490-4499.	1.5	18
2992	Inter–El Niño variability in CMIP5 models: Model deficiencies and future changes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3894-3906.	1.2	13
2993	Spring Arctic Oscillation-western North Pacific connection in CMIP5 models. <i>International Journal of Climatology</i> , 2016, 36, 2093-2102.	1.5	5
2994	Observed variability of summer precipitation pattern and extreme events in East China associated with variations of the East Asian summer monsoon. <i>International Journal of Climatology</i> , 2016, 36, 2942-2957.	1.5	20
2995	Ocean warming expands habitat of a rich natural resource and benefits a national economy. <i>Ecological Applications</i> , 2016, 26, 2021-2032.	1.8	56
2996	A review on Arctic sea–ice predictability and prediction on seasonal to decadal time–scales. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 546-561.	1.0	177
2997	Benefits of CMIP5 Multimodel Ensemble in Reconstructing Historical Ocean Subsurface Temperature Variations. <i>Journal of Climate</i> , 2016, 29, 5393-5416.	1.2	77
2998	Long–term streamflow trends in the middle reaches of the Yellow River Basin: detecting drivers of change. <i>Hydrological Processes</i> , 2016, 30, 1315-1329.	1.1	53

#	ARTICLE	IF	CITATIONS
2999	On the link between Barentsâ€Kara sea ice variability and European blocking. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 5664-5679.	1.2	33
3000	Yearâ€round records of sea salt, gaseous, and particulate inorganic bromine in the atmospheric boundary layer at coastal (Dumont d'Urville) and central (Concordia) East Antarctic sites. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 997-1023.	1.2	55
3001	The observational influence of the North Atlantic SST tripole on the early spring atmospheric circulation. <i>Geophysical Research Letters</i> , 2016, 43, 2998-3003.	1.5	23
3002	A meridional dipole in premonsoon Bay of Bengal tropical cyclone activity induced by ENSO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 6954-6968.	1.2	24
3003	On the decreasing trend of the number of monsoon depressions in the Bay of Bengal. <i>Environmental Research Letters</i> , 2016, 11, 014011.	2.2	64
3004	Influence of Climate Variability on Extreme Ocean Surface Wave Heights Assessed from ERA-Interim and ERA-20C. <i>Journal of Climate</i> , 2016, 29, 4031-4046.	1.2	66
3005	Cloudâ€Radiation Feedback as a Leading Source of Uncertainty in the Tropical Pacific SST Warming Pattern in CMIP5 Models. <i>Journal of Climate</i> , 2016, 29, 3867-3881.	1.2	39
3006	Annual Sea Level Changes on the North American Northeast Coast: Influence of Local Winds and Barotropic Motions. <i>Journal of Climate</i> , 2016, 29, 4801-4816.	1.2	65
3007	A Comparison of Two Ensemble Generation Methods Using Oceanic Singular Vectors and Atmospheric Lagged Initialization for Decadal Climate Prediction. <i>Monthly Weather Review</i> , 2016, 144, 2719-2738.	0.5	7
3008	Future changes in regional precipitation simulated by a halfâ€degree coupled climate model: Sensitivity to horizontal resolution. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 863-884.	1.3	31
3009	Circulation anomalies in the atmospheric centers of action during the Eastern Pacific and Central Pacific El NiÃ±o. <i>Russian Meteorology and Hydrology</i> , 2016, 41, 760-769.	0.2	13
3010	Anomalous mid-twentieth century atmospheric circulation change over the South Atlantic compared to the last 6000 years. <i>Environmental Research Letters</i> , 2016, 11, 064009.	2.2	19
3011	A genesis potential index for <sc>W</sc>estern <sc>N</sc>orth <sc>P</sc>acific tropical cyclones by using oceanic parameters. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7176-7191.	1.0	20
3012	Decadal variability in the occurrence of wintertime haze in central eastern China tied to the Pacific Decadal Oscillation. <i>Scientific Reports</i> , 2016, 6, 27424.	1.6	70
3013	Faster Arctic Sea Ice Retreat in CMIP5 than in CMIP3 due to Volcanoes. <i>Journal of Climate</i> , 2016, 29, 9179-9188.	1.2	30
3014	Reductions in midlatitude upwelling-favorable winds implied by weaker large-scale Pliocene SST gradients. <i>Paleoceanography</i> , 2016, 31, 27-39.	3.0	8
3015	Precipitation variation over eastern China and arid central Asia during the past millennium and its possible mechanism: Perspectives from PMIP3 experiments. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,989.	1.2	22
3016	Summer precipitation anomalies in Asia and North America induced by Eurasian non-monsoon land heating versus ENSO. <i>Scientific Reports</i> , 2016, 6, 21346.	1.6	19

#	ARTICLE	IF	CITATIONS
3017	A strong phase reversal of the Arctic Oscillation in midwinter 2015/2016: Role of the stratospheric polar vortex and tropospheric blocking. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,443.	1.2	45
3018	Evidence for link between modelled trends in Antarctic sea ice and underestimated westerly wind changes. <i>Nature Communications</i> , 2016, 7, 10409.	5.8	77
3019	Global Warming Attenuates the Tropical Atlantic-Pacific Teleconnection. <i>Scientific Reports</i> , 2016, 6, 20078.	1.6	29
3020	A century of geometry and velocity evolution at Eqip Sermia, West Greenland. <i>Journal of Glaciology</i> , 2016, 62, 640-654.	1.1	18
3021	The interannual relationship between anomalous precipitation over southern China and the south eastern tropical Indian Ocean sea surface temperature anomalies during boreal summer. <i>Atmospheric Science Letters</i> , 2016, 17, 610-615.	0.8	5
3022	CMIP5 Earth System Models with biogeochemistry: a Ross Sea assessment. <i>Antarctic Science</i> , 2016, 28, 327-346.	0.5	17
3023	Decadal shifts of East Asian summer monsoon in a climate model free of explicit GHGs and aerosols. <i>Scientific Reports</i> , 2016, 6, 38546.	1.6	28
3024	Sensitivity of proxies on non-linear interactions in the climate system. <i>Scientific Reports</i> , 2016, 5, 18560.	1.6	7
3025	Interannual variability and predictability of summer climate over the Northwest Pacific and East Asia. , 0, , 333-342.		1
3026	A Regional Climate Mode Discovered in the North Atlantic: Dakar Ni \pm o/Ni \pm a. <i>Scientific Reports</i> , 2016, 6, 18782.	1.6	38
3027	Mixed \hat{a} €layer ocean responses to anthropogenic aerosol dimming from 1870 to 2000. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 49-66.	1.2	8
3028	Multidecadal fluctuations of the North Atlantic Ocean and feedback on the winter climate in CMIP5 control simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 2571-2592.	1.2	50
3029	On the Variability and Increasing Trends of Heat Waves over India. <i>Scientific Reports</i> , 2016, 6, 26153.	1.6	212
3030	Monthly and Seasonal Rainfall Forecasting in Southern Brazil Using Multiple Discriminant Analysis. <i>Weather and Forecasting</i> , 2016, 31, 1947-1960.	0.5	7
3031	Shifting El Ni \pm o inhibits summer Arctic warming and Arctic sea-ice melting over the Canada Basin. <i>Nature Communications</i> , 2016, 7, 11721.	5.8	46
3032	Atlantic SSTs control regime shifts in forest fire activity of Northern Scandinavia. <i>Scientific Reports</i> , 2016, 6, 22532.	1.6	34
3033	Seasonal climate forecasts significantly affected by observational uncertainty of Arctic sea ice concentration. <i>Geophysical Research Letters</i> , 2016, 43, 852-859.	1.5	37
3034	Robust contribution of decadal anomalies to the frequency of central-Pacific El Ni \pm o. <i>Scientific Reports</i> , 2016, 6, 38540.	1.6	64

#	ARTICLE	IF	CITATIONS
3035	Development of statistical seasonal prediction models of Arctic Sea Ice concentration using CERES absorbed solar radiation. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2016, 52, 467-477.	1.3	5
3036	Sources of Sahelianâ€¦Sudan moisture: Insights from a moistureâ€¦tracing atmospheric model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7819-7832.	1.2	14
3037	Distinct effects of anthropogenic aerosols on the East Asian summer monsoon between multidecadal strong and weak monsoon stages. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7026-7040.	1.2	29
3038	Added value of high resolution models in simulating global precipitation characteristics. <i>Atmospheric Science Letters</i> , 2016, 17, 646-657.	0.8	32
3039	Direct and indirect ENSO modulation of winter temperature over the Asianâ€¦Pacificâ€¦American region. <i>Scientific Reports</i> , 2016, 6, 36356.	1.6	30
3040	Warming and weakening trends of the Kuroshio during 1993â€¦2013. <i>Geophysical Research Letters</i> , 2016, 43, 9200-9207.	1.5	40
3043	Attribution analyses of temperature extremes using a set of 16 indices. <i>Weather and Climate Extremes</i> , 2016, 14, 24-35.	1.6	33
3044	Distinct persistence barriers in two types of ENSO. <i>Geophysical Research Letters</i> , 2016, 43, 10,973.	1.5	61
3045	The Likelihood of Recent Record Warmth. <i>Scientific Reports</i> , 2016, 6, 19831.	1.6	41
3046	Possible causes of the Central Equatorial African long-term drought. <i>Environmental Research Letters</i> , 2016, 11, 124002.	2.2	100
3047	Identifying Dynamically Induced Variability in Glacier Mass-Balance Records. <i>Journal of Climate</i> , 2016, 29, 8915-8929.	1.2	5
3048	MiKlip: A National Research Project on Decadal Climate Prediction. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 2379-2394.	1.7	78
3049	AN OVERVIEW OF COUPLED GCM BIASES IN THE TROPICS. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2016, , 213-263.	0.2	10
3050	Observations, inferences, and mechanisms of the Atlantic Meridional Overturning Circulation: A review. <i>Reviews of Geophysics</i> , 2016, 54, 5-63.	9.0	508
3051	ENSO dynamics and diversity resulting from the recharge oscillator interacting with the slab ocean. <i>Climate Dynamics</i> , 2016, 46, 1665-1682.	1.7	11
3052	Dynamically combining climate models to â€œsupermodelâ€¦the tropical Pacific. <i>Geophysical Research Letters</i> , 2016, 43, 359-366.	1.5	36
3053	Role of Indian Ocean SST variability on the recent global warming hiatus. <i>Global and Planetary Change</i> , 2016, 143, 21-30.	1.6	28
3054	The new Mediterranean optimally interpolated pathfinder AVHRR SST Dataset (1982â€¦2012). <i>Remote Sensing of Environment</i> , 2016, 176, 107-116.	4.6	64

#	ARTICLE	IF	CITATIONS
3055	Development and Testing of a Multi-model Ensemble Coupling Framework. , 2016, , 163-208.		0
3056	Nonconventional fluctuation dissipation process in non-Hamiltonian dynamical systems. International Journal of Modern Physics B, 2016, 30, 1541004.	1.0	7
3057	The seasonally changing cloud feedbacks contribution to the ENSO seasonal phase-locking. Climate Dynamics, 2016, 47, 3661-3672.	1.7	26
3058	Climate variability and <i>Dinophysis acuta</i> blooms in an upwelling system. Harmful Algae, 2016, 53, 145-159.	2.2	75
3059	Local participation and partnership development in Canada's Arctic research: challenges and opportunities in an age of empowerment and self-determination. Polar Record, 2016, 52, 345-359.	0.4	21
3060	Global Meteorological Drought: A Synthesis of Current Understanding with a Focus on SST Drivers of Precipitation Deficits. Journal of Climate, 2016, 29, 3989-4019.	1.2	161
3061	The impact of latent heating on the location and strength of the tropical easterly jet. Meteorology and Atmospheric Physics, 2016, 128, 247-261.	0.9	10
3062	Correlations of global sea surface temperatures with the solar wind speed. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 149, 232-239.	0.6	18
3063	Diversity, Nonlinearity, Seasonality, and Memory Effect in ENSO Simulation and Prediction Using Empirical Model Reduction. Journal of Climate, 2016, 29, 1809-1830.	1.2	34
3064	Can climate projection uncertainty be constrained over Africa using metrics of contemporary performance?. Climatic Change, 2016, 134, 621-633.	1.7	54
3065	Understanding Bjerknes Compensation in Atmosphere and Ocean Heat Transports Using a Coupled Box Model. Journal of Climate, 2016, 29, 2145-2160.	1.2	22
3066	Seasonal streamflow prediction in Colombia using atmospheric and oceanic patterns. Journal of Hydrology, 2016, 538, 1-12.	2.3	12
3067	Quantifying heterogeneous responses of fish community size structure using novel combined statistical techniques. Global Change Biology, 2016, 22, 1755-1768.	4.2	30
3068	Comparison of long-term variability of Sea Surface Temperature in the Arabian Sea and Bay of Bengal. Regional Studies in Marine Science, 2016, 3, 67-75.	0.4	35
3069	Decadal changes of the wintertime tropical tropospheric temperature and their influences on the extratropical climate. Science Bulletin, 2016, 61, 737-744.	4.3	14
3070	Contribution of sea-ice loss to Arctic amplification is regulated by Pacific Ocean decadal variability. Nature Climate Change, 2016, 6, 856-860.	8.1	164
3071	Investigating the mechanisms of seasonal ENSO phase locking bias in the ACCESS coupled model. Climate Dynamics, 2016, 46, 1075-1090.	1.7	24
3072	Rainfall variability and predictability issues for North America. Climate Dynamics, 2016, 46, 2067-2085.	1.7	5

#	ARTICLE	IF	CITATIONS
3073	Estimating background error covariance parameters and assessing their impact in the OSTIA system. Remote Sensing of Environment, 2016, 176, 117-138.	4.6	12
3074	Influence of climatic factors on tree growth in riparian forests in the humid and dry savannas of the Volta basin, Ghana. Trees - Structure and Function, 2016, 30, 1695-1709.	0.9	17
3075	Reduction of uncertainty associated with future changes in Indian summer monsoon projected by climate models and assessment of monsoon teleconnections. Proceedings of SPIE, 2016, , .	0.8	2
3076	Assessment of South Asian Summer Monsoon Simulation in CMIP5-Coupled Climate Models During the Historical Period (1850â€“2005). Pure and Applied Geophysics, 2016, 173, 1379-1402.	0.8	6
3077	The role of ENSO and PDO in variability of winter precipitation over North America from twenty first century CMIP5 projections. Climate Dynamics, 2016, 46, 3259-3277.	1.7	34
3078	Novel evaluation metrics for sparse spatio-temporal point process hotspot predictions - a crime case study. International Journal of Geographical Information Science, 2016, 30, 2133-2154.	2.2	52
3079	Evolution of stratospheric sulfate aerosol from the 1991 Pinatubo eruption: Roles of aerosol microphysical processes. Journal of Geophysical Research D: Atmospheres, 2016, 121, 2911-2938.	1.2	16
3080	Intensification of landfalling typhoons over the northwest Pacific since the late 1970s. Nature Geoscience, 2016, 9, 753-757.	5.4	301
3081	Ranking the strongest ENSO events while incorporating SST uncertainty. Geophysical Research Letters, 2016, 43, 9165-9172.	1.5	84
3082	Abrupt summer warming and changes in temperature extremes over Northeast Asia since the mid-1990s: Drivers and physical processes. Advances in Atmospheric Sciences, 2016, 33, 1005-1023.	1.9	64
3083	Global and regional climate inâ€“2015. Weather, 2016, 71, 185-192.	0.6	9
3084	Meteorological influences on dengue transmission in Pakistan. Asian Pacific Journal of Tropical Medicine, 2016, 9, 954-961.	0.4	28
3085	Reconciling justice and attribution research to advance climate policy. Nature Climate Change, 2016, 6, 901-908.	8.1	61
3086	Assessing recent trends in high-latitude Southern Hemisphere surface climate. Nature Climate Change, 2016, 6, 917-926.	8.1	253
3087	Evaluation of landfalling atmospheric rivers along the U.S. West Coast in reanalysis data sets. Journal of Geophysical Research D: Atmospheres, 2016, 121, 2705-2718.	1.2	30
3088	The relative influence of ENSO and SAM on Antarctic Peninsula climate. Journal of Geophysical Research D: Atmospheres, 2016, 121, 9324-9341.	1.2	68
3089	On the Drivers and Predictability of Seasonal-to-Interannual Variations in Regional Sea Level. Journal of Climate, 2016, 29, 7565-7585.	1.2	40
3090	Constraining past seawater $\delta^{18}O$ and temperature records developed from foraminiferal geochemistry. Paleoceanography, 2016, 31, 1409-1422.	3.0	42

#	ARTICLE	IF	CITATIONS
3091	Using climate models to estimate the quality of global observational data sets. <i>Science</i> , 2016, 354, 452-455.	6.0	43
3092	Pacific Influences on Tropical Atlantic Teleconnections to the Southern Hemisphere High Latitudes. <i>Journal of Climate</i> , 2016, 29, 6425-6444.	1.2	26
3093	Effects of Southeastern Pacific Sea Surface Temperature on the Double-ITCZ Bias in NCAR CESM1. <i>Journal of Climate</i> , 2016, 29, 7417-7433.	1.2	25
3094	Understanding Pacific Ocean influence on interannual precipitation variability in the Sahel. <i>Geophysical Research Letters</i> , 2016, 43, 9234-9242.	1.5	22
3095	Upper Irtysh River flow since AD 1500 as reconstructed by tree rings, reveals the hydroclimatic signal of inner Asia. <i>Climatic Change</i> , 2016, 139, 651-665.	1.7	18
3096	Twenty-five winters of unexpected Eurasian cooling unlikely due to Arctic sea-ice loss. <i>Nature Geoscience</i> , 2016, 9, 838-842.	5.4	247
3097	Benefits of Increasing the Model Resolution for the Seasonal Forecast Quality in EC-Earth. <i>Journal of Climate</i> , 2016, 29, 9141-9162.	1.2	51
3098	Recent Changes in ENSO Teleconnection over the Western Pacific Impacts the Eastern China Precipitation Dipole. <i>Journal of Climate</i> , 2016, 29, 7587-7598.	1.2	40
3099	Oceanic Forcings of the Interdecadal Variability in East Asian Summer Rainfall. <i>Journal of Climate</i> , 2016, 29, 7633-7649.	1.2	145
3100	Climate controls multidecadal variability in <scp>U. S.</scp> extreme sea level records. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1274-1290.	1.0	51
3101	Exploring hurricane wind speed along US Atlantic coast in warming climate and effects on predictions of structural damage and intervention costs. <i>Engineering Structures</i> , 2016, 122, 209-225.	2.6	57
3102	The influence of model resolution on the simulated sensitivity of North Atlantic tropical cyclone maximum intensity to sea surface temperature. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1037-1054.	1.3	13
3103	Seasonal Forecasts of Major Hurricanes and Landfalling Tropical Cyclones using a High-Resolution GFDL Coupled Climate Model. <i>Journal of Climate</i> , 2016, 29, 7977-7989.	1.2	64
3104	A 26-year high-resolution dynamical downscaling over the Wasatch Mountains: Synoptic effects on winter precipitation performance. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3224-3240.	1.2	18
3105	Anomalous Walker circulations associated with two flavors of the Indian Ocean Dipole. <i>Geophysical Research Letters</i> , 2016, 43, 5378-5384.	1.5	19
3106	Interdecadal Change in the Tropical Pacific Precipitation Anomaly Pattern around the Late 1990s during Boreal Spring. <i>Journal of Climate</i> , 2016, 29, 5979-5997.	1.2	10
3107	The Resolution Dependence of Contiguous U.S. Precipitation Extremes in Response to CO ₂ Forcing. <i>Journal of Climate</i> , 2016, 29, 7991-8012.	1.2	74
3108	A review of climate change and the implementation of marine biodiversity legislation in the United Kingdom. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 576-595.	0.9	25

#	ARTICLE	IF	CITATIONS
3109	Statistically related coupled modes of South Asian summer monsoon interannual variability in the tropics. <i>Atmospheric Science Letters</i> , 2016, 17, 183-189.	0.8	10
3110	Distinct linkage between winter Tibetan Plateau snow depth and early summer Philippine Sea anomalous anticyclone. <i>Atmospheric Science Letters</i> , 2016, 17, 223-229.	0.8	14
3111	Recent <sc>ENSO</sc>â€“PDO</sc> precipitation relationships in the Mediterranean California border region. <i>Atmospheric Science Letters</i> , 2016, 17, 280-285.	0.8	14
3112	A coupled data assimilation system for climate reanalysis. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 65-78.	1.0	145
3113	Aspects of designing and evaluating seasonalâ€“interannual Arctic seaâ€“ice prediction systems. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 672-683.	1.0	26
3114	A treeâ€“ring width based drought reconstruction for southeastern China: links to Pacific Ocean climate variability. <i>Boreas</i> , 2016, 45, 335-346.	1.2	9
3115	An Equatorialâ€“Extratropical Dipole Structure of the Atlantic NiÃ±o. <i>Journal of Climate</i> , 2016, 29, 7295-7311.	1.2	54
3116	Interannual rainfall variability and ECMWFâ€“Sys4â€“based predictability over the Arabian Peninsula winter monsoon region. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 233-242.	1.0	28
3117	Elevenâ€“year solar cycle signal in the NAO and Atlantic/European blocking. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 1890-1903.	1.0	81
3118	An inverse modeling study of circulation in the Eastern Bering Sea during 2007â€“2010. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 3970-3989.	1.0	4
3119	Why do summer droughts in the Southern Great Plains occur in some La NiÃ±a years but not others?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1120-1137.	1.2	34
3120	Reconstructions Improvements Using Iteratively Adjusted Statistics, Demonstrated Using Model-Output Annual SST Anomalies and Historical Sampling. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016, 33, 2289-2303.	0.5	0
3121	Increased Drought and Pluvial Risk over California due to Changing Oceanic Conditions. <i>Journal of Climate</i> , 2016, 29, 8269-8279.	1.2	19
3122	Northern Hemisphere Atmospheric Blocking Representation in Global Climate Models: Twenty Years of Improvements?. <i>Journal of Climate</i> , 2016, 29, 8823-8840.	1.2	96
3123	Early onset of industrial-era warming across the oceans and continents. <i>Nature</i> , 2016, 536, 411-418.	13.7	242
3124	Vertical Structure and Energetics of the Western Pacific Teleconnection Pattern. <i>Journal of Climate</i> , 2016, 29, 6597-6616.	1.2	66
3125	Arctic Sea Ice Seasonal Prediction by a Linear Markov Model. <i>Journal of Climate</i> , 2016, 29, 8151-8173.	1.2	35
3126	The Robustness of Midlatitude Weather Pattern Changes due to Arctic Sea Ice Loss. <i>Journal of Climate</i> , 2016, 29, 7831-7849.	1.2	65

#	ARTICLE	IF	CITATIONS
3127	An idealized stratospheric model useful for understanding differences between long-lived trace gas measurements and global chemistry climate model output. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 5356-5367.	1.2	9
3128	Sedimentary BSi and TOC quantifies the degradation of the Changjiang Estuary, China, from river basin alteration and warming SST. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 183, 392-401.	0.9	15
3129	Predicting the mineral composition of dust aerosols: Insights from elemental composition measured at the Izaña Observatory. <i>Geophysical Research Letters</i> , 2016, 43, 10520-10529.	1.5	29
3130	An ensemble of ocean reanalyses for 1815–2013 with sparse observational input. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 6891-6910.	1.0	90
3131	Simulated Connections between ENSO and Tropical Cyclones near Guam in a High-Resolution GFDL Coupled Climate Model: Implications for Seasonal Forecasting. <i>Journal of Climate</i> , 2016, 29, 8231-8248.	1.2	3
3132	The influence of local sea surface temperatures on Australian east coast cyclones. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,352.	1.2	14
3133	Role of the oceanic channel in the relationships between the basin/dipole mode of SST anomalies in the tropical Indian Ocean and ENSO transition. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 1386-1400.	1.9	21
3134	GDGT and alkenone flux in the northern Gulf of Mexico: Implications for the TEX ₈₆ and U ^{K'} ₃₇ paleothermometers. <i>Paleoceanography</i> , 2016, 31, 1547-1561.	3.0	33
3135	Simulation by CMIP5 models of the atlantic multidecadal oscillation and its climate impacts. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 1329-1342.	1.9	35
3136	Impact of ENSO on variability of AIRS retrieved CO ₂ over India. <i>Atmospheric Environment</i> , 2016, 142, 83-92.	1.9	8
3137	Investigating trends in the growth of five demersal fish species from the Firth of Clyde and the wider western shelf of Scotland. <i>Fisheries Research</i> , 2016, 177, 71-81.	0.9	11
3138	Influence of anthropogenic pressure and seasonal upwelling on coral reefs in Nha Trang Bay (Central Vietnam). <i>Oceanography and Marine Biology: An Interdisciplinary Journal</i> , 2016, 54, 1-12.	0.4	12
3139	Decadal variations and trends of the global ocean carbon sink. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1396-1417.	1.9	241
3140	Seasonal variability of the relationship between SST and OLR in the Indian Ocean and its implications for initialization in a CGCM with SST nudging. <i>Journal of Oceanography</i> , 2016, 72, 327-337.	0.7	12
3141	Interhemispheric SST Gradient Trends in the Indian Ocean prior to and during the Recent Global Warming Hiatus. <i>Journal of Climate</i> , 2016, 29, 9077-9095.	1.2	45
3142	Intrareef variations in Li/Mg and Sr/Ca sea surface temperature proxies in the Caribbean reef-building coral <i>Sclerastrea siderea</i> . <i>Paleoceanography</i> , 2016, 31, 1315-1329.	3.0	34
3143	Link between anomalously cold winters in Russia and sea-ice decline in the Barents Sea. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2016, 52, 225-233.	0.2	15
3144	An Assessment of Multimodel Simulations for the Variability of Western North Pacific Tropical Cyclones and Its Association with ENSO. <i>Journal of Climate</i> , 2016, 29, 6401-6423.	1.2	31

#	ARTICLE	IF	CITATIONS
3145	Intensification and poleward shift of subtropical western boundary currents in a warming climate. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 4928-4945.	1.0	183
3146	Luminescence and density banding patterns in massive <i>Porites</i> corals around the Thai-Malay Peninsula, Southeast Asia. <i>Limnology and Oceanography</i> , 2016, 61, 2003-2026.	1.6	19
3147	North Atlantic Storm-Track Sensitivity to Projected Sea Surface Temperature: Local versus Remote Influences. <i>Journal of Climate</i> , 2016, 29, 6973-6991.	1.2	22
3148	Atlantic Multidecadal Variability in a model with an improved North Atlantic Current. <i>Geophysical Research Letters</i> , 2016, 43, 8199-8206.	1.5	46
3149	Interannual controls on oxygen isotope variability in Asian monsoon precipitation and implications for paleoclimate reconstructions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8410-8428.	1.2	77
3150	An observational analysis: Tropical relative to Arctic influence on midlatitude weather in the era of Arctic amplification. <i>Geophysical Research Letters</i> , 2016, 43, 5287-5294.	1.5	64
3151	Trait biogeography of marine copepods – an analysis across scales. <i>Ecology Letters</i> , 2016, 19, 1403-1413.	3.0	82
3152	Skilful predictions of the winter North Atlantic Oscillation one year ahead. <i>Nature Geoscience</i> , 2016, 9, 809-814.	5.4	287
3153	Lack of Dependence of Indian Summer Monsoon Rainfall Extremes on Temperature: An Observational Evidence. <i>Scientific Reports</i> , 2016, 6, 31039.	1.6	51
3154	Tropical Pacific SST Drivers of Recent Antarctic Sea Ice Trends. <i>Journal of Climate</i> , 2016, 29, 8931-8948.	1.2	82
3155	Oceanic Rossby Waves over Eastern Tropical Pacific of Both Hemispheres Forced by Anomalous Surface Winds after Mature Phase of ENSO. <i>Journal of Physical Oceanography</i> , 2016, 46, 3397-3414.	0.7	8
3156	The Footprint of the Inter-decadal Pacific Oscillation in Indian Ocean Sea Surface Temperatures. <i>Scientific Reports</i> , 2016, 6, 21251.	1.6	56
3157	Recent changes in continentality and aridity conditions over the Middle East and North Africa region, and their association with circulation patterns. <i>Climate Research</i> , 2016, 69, 25-43.	0.4	28
3158	Air pressure effects on sea level changes during the twentieth century. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7917-7930.	1.0	11
3159	Sensitivity of the Middle East's North African Tropical Rainbelt to Dust Shortwave Absorption: A High-Resolution AGCM Experiment. <i>Journal of Climate</i> , 2016, 29, 7103-7126.	1.2	7
3160	Persistent shift of the Arctic polar vortex towards the Eurasian continent in recent decades. <i>Nature Climate Change</i> , 2016, 6, 1094-1099.	8.1	207
3161	Responses of the summer Asian-Pacific zonal thermal contrast and the associated evolution of atmospheric circulation to transient orbital changes during the Holocene. <i>Scientific Reports</i> , 2016, 6, 35816.	1.6	2
3162	Unraveling El Niño's impact on the East Asian Monsoon and Yangtze River summer flooding. <i>Geophysical Research Letters</i> , 2016, 43, 11,375.	1.5	125

#	ARTICLE	IF	CITATIONS
3163	Rising Mediterranean Sea Surface Temperatures Amplify Extreme Summer Precipitation in Central Europe. <i>Scientific Reports</i> , 2016, 6, 32450.	1.6	72
3164	Human-caused Indo-Pacific warm pool expansion. <i>Science Advances</i> , 2016, 2, e1501719.	4.7	85
3165	Decadal prediction of Sahel rainfall: where does the skill (or lack thereof) come from?. <i>Climate Dynamics</i> , 2016, 47, 3593-3612.	1.7	29
3166	Changes in El Niño – Southern Oscillation (ENSO) conditions during the Greenland Stadial 1 (GS-1) chronozone revealed by New Zealand tree-rings. <i>Quaternary Science Reviews</i> , 2016, 153, 139-155.	1.4	6
3167	The effect of tides on the volume of sea ice in the Arctic Ocean. <i>Ocean Science Journal</i> , 2016, 51, 183-194.	0.6	2
3168	Decadal variability of tropical tropopause temperature and its relationship to the Pacific Decadal Oscillation. <i>Scientific Reports</i> , 2016, 6, 29537.	1.6	23
3169	Bias and variance correction of sea surface temperatures used for dynamical downscaling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 12,877.	1.2	31
3170	Dynamics of changing impacts of tropical Indo-Pacific variability on Indian and Australian rainfall. <i>Scientific Reports</i> , 2016, 6, 31767.	1.6	18
3171	On the Role of Tropical Ocean Forcing of the Persistent North American West Coast Ridge of Winter 2013/14a. <i>Journal of Climate</i> , 2016, 29, 8027-8049.	1.2	27
3172	Interannual variation of convectively-coupled equatorial waves and their association with environmental factors. <i>Dynamics of Atmospheres and Oceans</i> , 2016, 76, 116-126.	0.7	23
3173	High atmospheric horizontal resolution eliminates the wind-driven coastal warm bias in the southeastern tropical Atlantic. <i>Geophysical Research Letters</i> , 2016, 43, 10,455.	1.5	34
3174	Evaluating secondary inorganic aerosols in three dimensions. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10651-10669.	1.9	17
3175	The impact of the Pacific Decadal Oscillation on springtime dust activity in Syria. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13431-13448.	1.9	42
3176	Seasonal prediction of winter haze days in the north central North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14843-14852.	1.9	43
3177	Multidecadal variations of the effects of the Quasi-Biennial Oscillation on the climate system. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 15529-15543.	1.9	10
3178	Understanding the recent trend of haze pollution in eastern China: roles of climate change. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4205-4211.	1.9	215
3179	Identification of key factors in future changes in precipitation extremes over Japan using ensemble simulations. <i>Hydrological Research Letters</i> , 2016, 10, 126-131.	0.3	2
3180	Wintertime East Asian Flow Patterns and Their Predictability on Medium-Range Timescales. <i>Scientific Online Letters on the Atmosphere</i> , 2016, 12, 121-126.	0.6	9

#	ARTICLE	IF	CITATIONS
3181	OCEAN WAVE-DEPENDENT ROUGHNESS IMPACTS ON CLIMATE SYSTEM BY COUPLED ATMOSPHERIC GLOBAL CLIMATE-WAVE MODEL. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2016, 72, I_1507-I_1512.	0.0	0
3182	Interannual variability of the boreal summer tropical UTLS in observations and CCMVal-2 simulations. Atmospheric Chemistry and Physics, 2016, 16, 8695-8714.	1.9	8
3183	Impact of warming events on reef-scale temperature variability as captured in two <sc>L</sc>ittle <sc>C</sc>ayman coral <sc>S</sc>r</sc><sc>C</sc>a records. Geochemistry, Geophysics, Geosystems, 2016, 17, 846-857.	1.0	15
3184	How can we understand the global distribution of the solar cycle signal on the Earth's surface?. Atmospheric Chemistry and Physics, 2016, 16, 12925-12944.	1.9	36
3185	Effect of retreating sea ice on Arctic cloud cover in simulated recent global warming. Atmospheric Chemistry and Physics, 2016, 16, 14343-14356.	1.9	32
3186	Assessing the sensitivity of the hydroxyl radical to model biases in composition and temperature using a single-column photochemical model for Lauder, New Zealand. Atmospheric Chemistry and Physics, 2016, 16, 14599-14619.	1.9	2
3187	Evaluation of the ACCESS "chemistry" climate model for the Southern Hemisphere. Atmospheric Chemistry and Physics, 2016, 16, 2401-2415.	1.9	26
3188	Benchmarking Northern Hemisphere midlatitude atmospheric synoptic variability in centennial reanalysis and numerical simulations. Geophysical Research Letters, 2016, 43, 5442-5449.	1.5	14
3189	Sampling biases in CMIP5 decadal forecasts. Journal of Geophysical Research D: Atmospheres, 2016, 121, 3435-3445.	1.2	12
3190	Understanding the tropical cloud feedback from an analysis of the circulation and stability regimes simulated from an upgraded multiscale modeling framework. Journal of Advances in Modeling Earth Systems, 2016, 8, 1825-1846.	1.3	6
3191	A Trade-Off Relation between Temporal and Spatial Averaging Scales on Future Precipitation Assessment. Journal of the Meteorological Society of Japan, 2016, 94A, 121-134.	0.7	4
3192	Attributing Historical Changes in Probabilities of Record-Breaking Daily Temperature and Precipitation Extreme Events. Scientific Online Letters on the Atmosphere, 2016, 12, 225-231.	0.6	28
3193	A potential vorticity-based index for the East Asian winter monsoon. Journal of Geophysical Research D: Atmospheres, 2016, 121, 9382-9399.	1.2	18
3194	Effects of sulfate aerosol forcing on East Asian summer monsoon for 1985-2010. Geophysical Research Letters, 2016, 43, 1364-1372.	1.5	32
3195	Skillful seasonal forecasts of Arctic sea ice retreat and advance dates in a dynamical forecast system. Geophysical Research Letters, 2016, 43, 12,457.	1.5	46
3196	Assessment of the simulation of Indian Ocean Dipole in the CESM-Impacts of atmospheric physics and model resolution. Journal of Advances in Modeling Earth Systems, 2016, 8, 1932-1952.	1.3	19
3197	Contrasting Responses of the Hadley Circulation to Equatorially Asymmetric and Symmetric Meridional Sea Surface Temperature Structures. Journal of Climate, 2016, 29, 8949-8963.	1.2	30
3198	Regional climate change scenarios over southern South America for future climate (2080-2099) using the MM5 Model. Mean, interannual variability and uncertainties. Atmosfera, 0, , .	0.3	40

#	ARTICLE	IF	CITATIONS
3199	Mitigation of Coral Reef Warming Across the Central Pacific by the Equatorial Undercurrent: A Past and Future Divide. <i>Scientific Reports</i> , 2016, 6, 21213.	1.6	8
3200	Pacific Ocean decadal forcing of long-term changes in the western Pacific subtropical high. <i>Scientific Reports</i> , 2016, 6, 37765.	1.6	37
3201	Decadal predictions of the North Atlantic CO ₂ uptake. <i>Nature Communications</i> , 2016, 7, 11076.	5.8	39
3202	SST-forced interdecadal deepening of the winter India-Burma trough since the 1950s. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 2719-2731.	1.2	8
3203	Influences of El Niño on aerosol concentrations over eastern China. <i>Atmospheric Science Letters</i> , 2016, 17, 422-430.	0.8	11
3204	Different long-term trends of extra-tropical cyclones and windstorms in <sc>ERA-20C</sc> and <sc>NOAA-20CR</sc> reanalyses. <i>Atmospheric Science Letters</i> , 2016, 17, 586-595.	0.8	46
3205	Expected change of hydrologic cycle in Northern Eurasia due to disappearance of multiyear sea ice in the Arctic Ocean. <i>Russian Meteorology and Hydrology</i> , 2016, 41, 735-746.	0.2	3
3206	Atmospheric eddy anomalies associated with the wintertime North Pacific subtropical front strength and their influences on the seasonal-mean atmosphere. <i>Science China Earth Sciences</i> , 2016, 59, 2022-2036.	2.3	20
3207	A shift in the upper-ocean temperature trends in the South China Sea since the late 1990s. <i>Acta Oceanologica Sinica</i> , 2016, 35, 44-51.	0.4	4
3208	Interdecadal circumglobal teleconnection pattern during boreal summer. <i>Atmospheric Science Letters</i> , 2016, 17, 446-452.	0.8	54
3209	Is the interdecadal circumglobal teleconnection pattern excited by the Atlantic multidecadal Oscillation?. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 451-457.	0.5	39
3210	Validation of eight atmospheric reanalyses in the Antarctic Peninsula region. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 684-692.	1.0	23
3211	Sensitivity of Arctic warming to sea ice concentration. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 6927-6942.	1.2	13
3212	Sensitivity of global ocean heat content from reanalyses to the atmospheric reanalysis forcing: A comparative study. <i>Geophysical Research Letters</i> , 2016, 43, 5261-5270.	1.5	12
3213	Influences of El Niño Modoki event 1994/1995 on aerosol concentrations over southern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1637-1651.	1.2	30
3214	Climatology of summer Shamal wind in the Middle East. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 289-305.	1.2	147
3215	A Linkage Observed between Austral Autumn Antarctic Oscillation and Preceding Southern Ocean SST Anomalies. <i>Journal of Climate</i> , 2016, 29, 2109-2122.	1.2	11
3216	A Robust but Spurious Pattern of Climate Change in Model Projections over the Tropical Indian Ocean. <i>Journal of Climate</i> , 2016, 29, 5589-5608.	1.2	60

#	ARTICLE	IF	CITATIONS
3217	A reversal of climatic trends in the North Atlantic since 2005. <i>Nature Geoscience</i> , 2016, 9, 513-517.	5.4	174
3218	A New Understanding of El Niño's Impact over East Asia: Dominance of the ENSO Combination Mode. <i>Journal of Climate</i> , 2016, 29, 4347-4359.	1.2	67
3219	Otolith biochronologies reveal latitudinal differences in growth of Bering Sea yellowfin sole <i>Limanda aspera</i> . <i>Polar Biology</i> , 2016, 39, 2427-2439.	0.5	14
3220	Evaluation of the tropical variability from the Beijing Climate Center's real-time operational global Ocean Data Assimilation System. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 208-220.	1.9	9
3221	Comparison of constant and time-variant optimal forcing approaches in El Niño simulations by using the Zebiak-Cane model. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 685-694.	1.9	3
3222	Role of atmospheric heating over the South China Sea and western Pacific regions in modulating Asian summer climate under the global warming background. <i>Climate Dynamics</i> , 2016, 46, 2897-2908.	1.7	17
3223	Wintertime atmospheric response to Atlantic multidecadal variability: effect of stratospheric representation and ocean-atmosphere coupling. <i>Climate Dynamics</i> , 2016, 47, 1029-1047.	1.7	43
3224	Rapid systematic assessment of the detection and attribution of regional anthropogenic climate change. <i>Climate Dynamics</i> , 2016, 47, 1399-1415.	1.7	9
3225	The leading modes of decadal SST variability in the Southern Ocean in CMIP5 simulations. <i>Climate Dynamics</i> , 2016, 47, 1775-1792.	1.7	11
3226	ENSO influence on the North Atlantic European climate: a non-linear and non-stationary approach. <i>Climate Dynamics</i> , 2016, 47, 2071-2084.	1.7	37
3227	Influence of climate regime shift on the interdecadal change in tropical cyclone activity over the Pacific Basin during the middle to late 1990s. <i>Climate Dynamics</i> , 2016, 47, 2587-2600.	1.7	42
3228	West African monsoon decadal variability and surface-related forcings: second West African Monsoon Modeling and Evaluation Project Experiment (WAMME II). <i>Climate Dynamics</i> , 2016, 47, 3517-3545.	1.7	39
3229	Remote sensing technology and land use analysis in food security assessment. <i>Journal of Land Use Science</i> , 2016, 11, 623-641.	1.0	23
3230	The Role of Springtime Arctic Clouds in Determining Autumn Sea Ice Extent. <i>Journal of Climate</i> , 2016, 29, 6581-6596.	1.2	43
3231	Tropical Pacific impacts on cooling North American winters. <i>Nature Climate Change</i> , 2016, 6, 970-974.	8.1	65
3232	Typhoon wind hazard estimation for China using an empirical track model. <i>Natural Hazards</i> , 2016, 82, 1009-1029.	1.6	66
3233	B&Ozler Curves for Safe Cooperative Atmospheric Missions with Multiple Heterogeneous UAS. , 2016, , .		1
3234	Satellite information of sea ice for model validation. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1

#	ARTICLE	IF	CITATIONS
3235	Variability of seasonal and annual rainfall in the River Nile riparian countries and possible linkages to ocean-atmosphere interactions. <i>Hydrology Research</i> , 2016, 47, 171-184.	1.1	24
3236	Detecting failure of climate predictions. <i>Nature Climate Change</i> , 2016, 6, 861-864.	8.1	21
3237	A decadal abruption of midwinter storm tracks over North Pacific from 1951 to 2010. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 235-245.	0.5	1
3238	Optimal error growth of South Asian monsoon forecast associated with the uncertainties in the sea surface temperature. <i>Climate Dynamics</i> , 2016, 46, 1953-1975.	1.7	4
3239	A simple estimation of equatorial Pacific response from windstress to untangle Indian Ocean Dipole and Basin influences on El Niño. <i>Climate Dynamics</i> , 2016, 46, 2247-2268.	1.7	38
3240	On the effects of constraining atmospheric circulation in a coupled atmosphere-ocean Arctic regional climate model. <i>Climate Dynamics</i> , 2016, 46, 3499-3515.	1.7	6
3241	Clusters of interannual sea ice variability in the northern hemisphere. <i>Climate Dynamics</i> , 2016, 47, 1527-1543.	1.7	11
3242	Asymmetry in the response of central Eurasian winter temperature to AMO. <i>Climate Dynamics</i> , 2016, 47, 2139-2154.	1.7	16
3243	Predictability of winter temperature in China from previous autumn Arctic sea ice. <i>Climate Dynamics</i> , 2016, 47, 2331-2343.	1.7	49
3244	The interdecadal change of the leading mode of the winter precipitation over China. <i>Climate Dynamics</i> , 2016, 47, 2397-2411.	1.7	27
3245	Sensitivity of Asian Summer Monsoon precipitation to tropical sea surface temperature anomalies. <i>Climate Dynamics</i> , 2016, 47, 2501-2514.	1.7	13
3246	Correcting North Atlantic sea surface salinity biases in the Kiel Climate Model: influences on ocean circulation and Atlantic Multidecadal Variability. <i>Climate Dynamics</i> , 2016, 47, 2543-2560.	1.7	24
3247	Combined influence of remote and local SST forcing on Indian Summer Monsoon Rainfall variability. <i>Climate Dynamics</i> , 2016, 47, 2817-2831.	1.7	23
3248	Highly cited Antarctic articles using Science Citation Index Expanded: a bibliometric analysis. <i>Scientometrics</i> , 2016, 109, 337-357.	1.6	30
3249	Interdecadal change of winter SST variability in the Kuroshio Extension region and its linkage with Aleutian atmospheric low pressure system. <i>Acta Oceanologica Sinica</i> , 2016, 35, 24-37.	0.4	7
3250	Winners and losers from climate change in agriculture: Insights from a case study in the Mediterranean basin. <i>Agricultural Systems</i> , 2016, 147, 65-75.	3.2	44
3251	Natural variability of marine ecosystems inferred from a coupled climate to ecosystem simulation. <i>Journal of Marine Systems</i> , 2016, 153, 55-66.	0.9	14
3252	Sensitivity of Pliocene Arctic climate to orbital forcing, atmospheric CO ₂ and sea ice albedo parameterisation. <i>Earth and Planetary Science Letters</i> , 2016, 441, 133-142.	1.8	9

#	ARTICLE	IF	CITATIONS
3253	Periodicities in mid- to late-Holocene peatland hydrology identified from Swedish and Lithuanian tree-ring data. <i>Quaternary Science Reviews</i> , 2016, 137, 200-208.	1.4	8
3254	Association of Taiwan's October rainfall patterns with large-scale oceanic and atmospheric phenomena. <i>Atmospheric Research</i> , 2016, 180, 200-210.	1.8	12
3255	Changes in precipitation extremes projected by a 20-km mesh global atmospheric model. <i>Weather and Climate Extremes</i> , 2016, 11, 41-52.	1.6	82
3256	Environmental change in the Western Iberia Upwelling Ecosystem since the preindustrial period revealed by dinoflagellate cyst records. <i>Holocene</i> , 2016, 26, 874-889.	0.9	31
3257	Warming over the North Pacific can intensify snow events in Northeast China. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 122-128.	0.5	17
3258	South Asian Summer Monsoon Rainfall Variability and Trend: Its Links to Indo-Pacific SST Anomalies and Moist Processes. <i>Pure and Applied Geophysics</i> , 2016, 173, 2167-2193.	0.8	5
3259	The calcareous brown alga <i>Padina pavonica</i> in southern Britain: population change and tenacity over 300 years. <i>Marine Biology</i> , 2016, 163, 46.	0.7	6
3260	Weak ENSO asymmetry due to weak nonlinear air-sea interaction in CMIP5 climate models. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 352-364.	1.9	27
3261	Preferred response of the East Asian summer monsoon to local and non-local anthropogenic sulphur dioxide emissions. <i>Climate Dynamics</i> , 2016, 46, 1733-1751.	1.7	49
3262	Decadal prediction skill in the ocean with surface nudging in the IPSL-CM5A-LR climate model. <i>Climate Dynamics</i> , 2016, 47, 1225-1246.	1.7	21
3263	Improved ENSO simulation from climate system model FGOALS-g1.0 to FGOALS-g2. <i>Climate Dynamics</i> , 2016, 47, 2617-2634.	1.7	40
3264	Abrupt transitions in the NAO control of explosive North Atlantic cyclone development. <i>Climate Dynamics</i> , 2016, 47, 3091-3111.	1.7	20
3265	Shiyang River streamflow since AD 1765, reconstructed by tree rings, contains far-reaching hydro-climatic signals over and beyond the mid-latitude Asian continent. <i>Hydrological Processes</i> , 2016, 30, 2211-2222.	1.1	5
3266	Indian summer monsoon intra-seasonal oscillation associated with the developing and decaying phase of El Niño. <i>International Journal of Climatology</i> , 2016, 36, 1846-1862.	1.5	21
3267	Diverse impacts of ENSO on wintertime rainfall over the Maritime Continent. <i>International Journal of Climatology</i> , 2016, 36, 3384-3397.	1.5	47
3268	The relationship between the subtropical Western Pacific SST and haze over North-Central North China Plain. <i>International Journal of Climatology</i> , 2016, 36, 3479-3491.	1.5	59
3269	Evaluation of the interdecadal variability of sea surface temperature and sea level in the Pacific in CMIP3 and CMIP5 models. <i>International Journal of Climatology</i> , 2016, 36, 3723-3740.	1.5	33
3270	Overestimated Arctic warming and underestimated Eurasia mid-latitude warming in CMIP5 simulations. <i>International Journal of Climatology</i> , 2016, 36, 4475-4487.	1.5	13

#	ARTICLE	IF	CITATIONS
3271	Environmental drivers of growth in massive <i>Porites</i> corals over 16 degrees of latitude along Australia's northwest shelf. <i>Limnology and Oceanography</i> , 2016, 61, 684-700.	1.6	23
3272	Contribution of major SSTA modes to the climate variability of tropical cyclone genesis frequency over the western North Pacific. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 1171-1181.	1.0	18
3273	Effects of the coupling process on shortwave radiative feedback during ENSO in FGOALS-g. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 337-342.	0.5	2
3274	Superensemble Regional Climate Modeling for the Western United States. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 203-215.	1.7	32
3275	Coherent Tropical Indo-Pacific Interannual Climate Variability. <i>Journal of Climate</i> , 2016, 29, 4269-4291.	1.2	14
3276	The Roles of Radiative Forcing, Sea Surface Temperatures, and Atmospheric and Land Initial Conditions in U.S. Summer Warming Episodes. <i>Journal of Climate</i> , 2016, 29, 4121-4135.	1.2	36
3277	Will a Warmer World Mean a Wetter or Drier Australian Monsoon?. <i>Journal of Climate</i> , 2016, 29, 4577-4596.	1.2	38
3278	The Role of Reversed Equatorial Zonal Transport in Terminating an ENSO Event. <i>Journal of Climate</i> , 2016, 29, 5859-5877.	1.2	18
3279	Decadal Changes in Multiscale Water Vapor Transport and Atmospheric River Associated with the Pacific Decadal Oscillation and the North Pacific Gyre Oscillation. <i>Journal of Hydrometeorology</i> , 2016, 17, 273-285.	0.7	25
3280	Large-Scale Controls on Atlantic Tropical Cyclone Activity on Seasonal Time Scales. <i>Journal of Climate</i> , 2016, 29, 6727-6749.	1.2	15
3281	Analysis of Index Insurance Potential for Adaptation to Hydroclimatic Risks in the West African Sahel. <i>Weather, Climate, and Society</i> , 2016, 8, 265-283.	0.5	7
3282	Interdecadal variability and extreme precipitation events in South America during the monsoon season. <i>Climate Research</i> , 2016, 68, 277-294.	0.4	21
3283	Phenological sensitivity to climate across taxa and trophic levels. <i>Nature</i> , 2016, 535, 241-245.	13.7	705
3284	Wavelet analysis of polar vortex variability over the twentieth century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 722-732.	1.2	2
3285	High-resolution Sr/Ca ratios in a <i>Porites lutea</i> coral from Lakshadweep archipelago, southeast Arabian Sea: An example from a region experiencing steady rise in the reef temperature. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 252-266.	1.0	22
3286	Southern Ocean deep convection in global climate models: A driver for variability of subpolar gyres and Drake Passage transport on decadal timescales. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 3905-3925.	1.0	33
3287	The signature of low-frequency oceanic forcing in the Atlantic Multidecadal Oscillation. <i>Geophysical Research Letters</i> , 2016, 43, 2810-2818.	1.5	108
3288	The global warming hiatus—a natural product of interactions of a secular warming trend and a multi-decadal oscillation. <i>Theoretical and Applied Climatology</i> , 2016, 123, 349-360.	1.3	32

#	ARTICLE	IF	CITATIONS
3289	Troposphere–stratosphere response to large-scale North Atlantic Ocean variability in an atmosphere/ocean coupled model. <i>Climate Dynamics</i> , 2016, 46, 1397-1415.	1.7	36
3290	Stable isotope signatures of seasonal precipitation on the Pacific coast of central Panama. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 128-140.	0.5	6
3291	Inhomogeneous warming of the Tropical Indian Ocean in the CMIP5 model simulations during 1900–2005 and associated mechanisms. <i>Climate Dynamics</i> , 2016, 46, 619-636.	1.7	11
3292	Relationships between ENSO and the East Asian–western North Pacific monsoon: observations versus 18 CMIP5 models. <i>Climate Dynamics</i> , 2016, 46, 729-743.	1.7	20
3293	Relative importance of tropical SST anomalies in maintaining the Western North Pacific anomalous anticyclone during El Niño to La Niña transition years. <i>Climate Dynamics</i> , 2016, 46, 1027-1041.	1.7	95
3294	Tropical synoptic-scale wave disturbances over the western Pacific simulated by a global cloud-system resolving model. <i>Theoretical and Applied Climatology</i> , 2016, 124, 737-755.	1.3	17
3295	Impact of Strong ENSO on Regional Tropical Cyclone Activity in a High-Resolution Climate Model in the North Pacific and North Atlantic Oceans. <i>Journal of Climate</i> , 2016, 29, 2375-2394.	1.2	40
3296	Interaction of the recent 50-year SST trend and La Niña 2010: amplification of the Southern Annular Mode and Australian springtime rainfall. <i>Climate Dynamics</i> , 2016, 47, 2273-2291.	1.7	34
3297	Interannual variations of the dominant modes of East Asian winter monsoon and possible links to Arctic sea ice. <i>Climate Dynamics</i> , 2016, 47, 481-496.	1.7	68
3298	Lake oxygen isotopes as recorders of North American Rocky Mountain hydroclimate: Holocene patterns and variability at multi-decadal to millennial time scales. <i>Global and Planetary Change</i> , 2016, 137, 131-148.	1.6	49
3299	Wintertime precipitation variability over the Arabian Peninsula and its relationship with ENSO in the CAM4 simulations. <i>Climate Dynamics</i> , 2016, 47, 2443-2454.	1.7	43
3300	An analysis of the impact of SST drift in the ECMWF system 3 on simulation of the Indian summer climatology. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 629-638.	0.9	0
3301	A Normal Mode Perspective of Intrinsic Ocean-Climate Variability. <i>Annual Review of Fluid Mechanics</i> , 2016, 48, 341-363.	10.8	11
3302	Overview of the Chinese National Key Basic Research Project Entitled “Development and Evaluation of High-Resolution Climate System Models”, 2016, , 1-48.		0
3303	On Anomalous Ocean Heat Transport toward the Arctic and Associated Climate Predictability. <i>Journal of Climate</i> , 2016, 29, 689-704.	1.2	74
3304	Improved Simulation of Tropical Cyclone Responses to ENSO in the Western North Pacific in the High-Resolution GFDL HiFLOR Coupled Climate Model*. <i>Journal of Climate</i> , 2016, 29, 1391-1415.	1.2	69
3305	Robust Strengthening and Westward Shift of the Tropical Pacific Walker Circulation during 1979–2012: A Comparison of 7 Sets of Reanalysis Data and 26 CMIP5 Models. <i>Journal of Climate</i> , 2016, 29, 3097-3118.	1.2	82
3306	Further Exploring and Quantifying Uncertainties for Extended Reconstructed Sea Surface Temperature (ERSST) Version 4 (v4). <i>Journal of Climate</i> , 2016, 29, 3119-3142.	1.2	151

#	ARTICLE	IF	CITATIONS
3307	Intensification of the Western North Pacific Anticyclone Response to the Short Decaying El Niño Event due to Greenhouse Warming. <i>Journal of Climate</i> , 2016, 29, 3607-3627.	1.2	29
3308	Comparison of the initial errors most likely to cause a spring predictability barrier for two types of El Niño events. <i>Climate Dynamics</i> , 2016, 47, 779-792.	1.7	18
3309	Tropical Atmospheric Forcing of the Wintertime North Atlantic Oscillation. <i>Journal of Climate</i> , 2016, 29, 1755-1772.	1.2	32
3310	Impacts of Indian and Atlantic oceans on ENSO in a comprehensive modeling framework. <i>Climate Dynamics</i> , 2016, 46, 2507-2533.	1.7	41
3311	Simulating the Mutual Forcing of Anomalous High Southern Latitude Atmospheric Circulation by El Niño Flavors and the Southern Annular Mode*. <i>Journal of Climate</i> , 2016, 29, 2291-2309.	1.2	23
3312	Reconstructing climate-growth relations from the teeth of a marine mammal. <i>Marine Biology</i> , 2016, 163, 1.	0.7	11
3313	The Role of the Dry Static Stability for the Recent Change in the Pacific Walker Circulation. <i>Journal of Climate</i> , 2016, 29, 2765-2779.	1.2	36
3314	Uncertainty in Model Climate Sensitivity Traced to Representations of Cumulus Precipitation Microphysics. <i>Journal of Climate</i> , 2016, 29, 543-560.	1.2	109
3315	Empirical Relationships of Sea Surface Temperature and Vegetation Activity with Summer Rainfall Variability over the Sahel*. <i>Earth Interactions</i> , 2016, 20, 1-18.	0.7	41
3316	What caused the spring intensification and winter demise of the 2011 drought over Texas?. <i>Climate Dynamics</i> , 2016, 47, 3077-3090.	1.7	35
3317	Influence of wave activity on the composition of the polar stratosphere. <i>Geomagnetism and Aeronomy</i> , 2016, 56, 95-109.	0.2	24
3318	Tropical Temperature and Precipitation Responses to Large Volcanic Eruptions: Observations and AMIP5 Simulations. <i>Journal of Climate</i> , 2016, 29, 1325-1338.	1.2	3
3319	Impacts of the Pacific-Japan and Circumglobal Teleconnection Patterns on the Interdecadal Variability of the East Asian Summer Monsoon. <i>Journal of Climate</i> , 2016, 29, 3253-3271.	1.2	72
3320	The roles of external forcing and natural variability in global warming hiatuses. <i>Climate Dynamics</i> , 2016, 47, 3157-3169.	1.7	46
3321	Wintertime Northern Hemisphere Response in the Stratosphere to the Pacific Decadal Oscillation Using the Whole Atmosphere Community Climate Model. <i>Journal of Climate</i> , 2016, 29, 1031-1049.	1.2	42
3322	Interdecadal modulation of ENSO-related spring rainfall over South China by the Pacific Decadal Oscillation. <i>Climate Dynamics</i> , 2016, 47, 3203-3220.	1.7	75
3323	Different Responses of Sea Surface Temperature in the South China Sea to Various El Niño Events during Boreal Autumn. <i>Journal of Climate</i> , 2016, 29, 1127-1142.	1.2	39
3324	Detecting regime shifts in marine systems with limited biological data: An example from southeast Australia. <i>Progress in Oceanography</i> , 2016, 141, 96-108.	1.5	7

#	ARTICLE	IF	CITATIONS
3325	Reinspecting two types of El Niño: a new pair of Niño indices for improving real-time ENSO monitoring. <i>Climate Dynamics</i> , 2016, 47, 4031-4049.	1.7	19
3326	Evolution of the Madden-Julian Oscillation in Two Types of El Niño. <i>Journal of Climate</i> , 2016, 29, 1919-1934.	1.2	56
3327	Predictable signals in seasonal mean soil moisture simulated with observation-based atmospheric forcing over China. <i>Climate Dynamics</i> , 2016, 47, 2373-2395.	1.7	11
3328	Effects of excessive equatorial cold tongue bias on the projections of tropical Pacific climate change. Part I: the warming pattern in CMIP5 multi-model ensemble. <i>Climate Dynamics</i> , 2016, 47, 3817-3831.	1.7	110
3329	Potential Influence of Arctic Sea Ice to the Interannual Variations of East Asian Spring Precipitation*. <i>Journal of Climate</i> , 2016, 29, 2797-2813.	1.2	58
3330	Regional climate change scenarios applied to viticultural zoning in Mendoza, Argentina. <i>International Journal of Biometeorology</i> , 2016, 60, 1325-1340.	1.3	27
3331	Has Arctic Sea Ice Loss Contributed to Increased Surface Melting of the Greenland Ice Sheet?. <i>Journal of Climate</i> , 2016, 29, 3373-3386.	1.2	38
3332	North Pacific decadal variability in the CMIP5 last millennium simulations. <i>Climate Dynamics</i> , 2016, 47, 3783-3801.	1.7	17
3333	Evaluation of Sea Surface Temperature From FY-3C VIRR Data in the Arctic. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016, 13, 292-296.	1.4	23
3334	Extratropical Impacts on Atlantic Tropical Cyclone Activity. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1401-1418.	0.6	49
3335	Further Insights on the Influence of the Indian Ocean Dipole on the Following Year's ENSO from Observations and CMIP5 Models. <i>Journal of Climate</i> , 2016, 29, 637-658.	1.2	42
3336	Precipitation and temperature changes in the major Chinese river basins during 1957-2013 and links to sea surface temperature. <i>Journal of Hydrology</i> , 2016, 536, 208-221.	2.3	61
3337	The Pacific Decadal Oscillation, Revisited. <i>Journal of Climate</i> , 2016, 29, 4399-4427.	1.2	877
3338	Orthogonal PDO and ENSO Indices. <i>Journal of Climate</i> , 2016, 29, 3883-3892.	1.2	30
3339	Impact of Source Region on the $\delta^{18}O$ Signal in Snow: A Case Study from Mount Wrangell, Alaska. <i>Journal of Hydrometeorology</i> , 2016, 17, 139-151.	0.7	4
3340	Assessing the observed impact of anthropogenic climate change. <i>Nature Climate Change</i> , 2016, 6, 532-537.	8.1	78
3341	Degree of simulated suppression of Atlantic tropical cyclones modulated by flavour of El Niño. <i>Nature Geoscience</i> , 2016, 9, 155-160.	5.4	56
3342	Evaluation of multiple regional climate models for summer climate extremes over East Asia. <i>Climate Dynamics</i> , 2016, 46, 2469-2486.	1.7	130

#	ARTICLE	IF	CITATIONS
3343	Climate/growth relations and teleconnections for a <i>Hymenaea courbaril</i> (Leguminosae) population inhabiting the dry forest on karst. <i>Trees - Structure and Function</i> , 2016, 30, 1127-1136.	0.9	37
3344	Amplification of El Niño by cloud longwave coupling to atmospheric circulation. <i>Nature Geoscience</i> , 2016, 9, 106-110.	5.4	70
3345	Prediction of dominant intraseasonal modes in the East Asian-western North Pacific summer monsoon. <i>Climate Dynamics</i> , 2016, 47, 2025-2037.	1.7	14
3346	Seasonal rainfall variability in southeast Africa during the nineteenth century reconstructed from documentary sources. <i>Climatic Change</i> , 2016, 134, 605-619.	1.7	43
3347	Looking back and looking forwards: Historical and future trends in sea surface temperature (SST) in the Indo-Pacific region from 1982 to 2100. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 45, 14-26.	1.4	14
3348	A Revised Real-Time Multivariate MJO Index. <i>Monthly Weather Review</i> , 2016, 144, 627-642.	0.5	42
3349	Data and Methods. <i>Springer Atmospheric Sciences</i> , 2016, , 1-7.	0.4	0
3350	Deciphering the desiccation trend of the South Asian monsoon hydroclimate in a warming world. <i>Climate Dynamics</i> , 2016, 47, 1007-1027.	1.7	168
3351	Solar forcing as an important trigger for West Greenland sea-ice variability over the last millennium. <i>Quaternary Science Reviews</i> , 2016, 131, 148-156.	1.4	32
3352	The 2014 southeast Brazil austral summer drought: regional scale mechanisms and teleconnections. <i>Climate Dynamics</i> , 2016, 46, 3737-3752.	1.7	193
3353	Relationships of climate and irrigation factors with malaria parasite incidences in two climatically dissimilar regions in India. <i>Journal of Arid Environments</i> , 2016, 124, 214-224.	1.2	7
3354	Multi-model ensemble analysis of Pacific and Atlantic SST variability in unperturbed climate simulations. <i>Climate Dynamics</i> , 2016, 47, 1073-1090.	1.7	8
3355	High-Resolution Simulations of Decadal Climate Variability Impacts on Water Yield in the Missouri River Basin with the Soil and Water Assessment Tool (SWAT). <i>Journal of Hydrometeorology</i> , 2016, 17, 2455-2476.	0.7	17
3356	Atlantic-induced pan-tropical climate change over the past three decades. <i>Nature Climate Change</i> , 2016, 6, 275-279.	8.1	330
3357	Can large scale surface circulation changes modulate the sea surface warming pattern in the Tropical Indian Ocean?. <i>Climate Dynamics</i> , 2016, 46, 3617-3632.	1.7	22
3358	Variation and future trends in precipitation over summer and autumn across the Yunnan region. <i>Frontiers of Earth Science</i> , 2016, 10, 498-512.	0.9	11
3359	Global patterns of solar influence on high cloud cover. <i>Climate Dynamics</i> , 2016, 47, 667-678.	1.7	8
3360	Multiyear predictability of Northern Hemisphere surface air temperature in the Kiel Climate Model. <i>Climate Dynamics</i> , 2016, 47, 793-804.	1.7	9

#	ARTICLE	IF	CITATIONS
3361	Pattern scaling using ClimGen: monthly-resolution future climate scenarios including changes in the variability of precipitation. <i>Climatic Change</i> , 2016, 134, 353-369.	1.7	60
3362	Two flavors of the Indian Ocean Dipole. <i>Climate Dynamics</i> , 2016, 46, 3371-3385.	1.7	40
3363	Strong and moderate nonlinear El Niño regimes. <i>Climate Dynamics</i> , 2016, 46, 1627-1645.	1.7	116
3364	Teleconnections of Indian monsoon rainfall with AMO and Atlantic tripole. <i>Climate Dynamics</i> , 2016, 46, 2269-2285.	1.7	85
3365	How sensitive are the Pacific tropical North Atlantic teleconnections to the position and intensity of El Niño-related warming?. <i>Climate Dynamics</i> , 2016, 46, 1841-1860.	1.7	69
3366	Atlantic forcing of Pacific decadal variability. <i>Climate Dynamics</i> , 2016, 46, 2337-2351.	1.7	125
3367	Precipitation reconstruction for the northwestern Chinese Altay since 1760 indicates the drought signals of the northern part of inner Asia. <i>International Journal of Biometeorology</i> , 2016, 60, 455-463.	1.3	8
3368	Centennial-scale teleconnection between North Atlantic sea surface temperatures and the Indian summer monsoon during the Holocene. <i>Climate Dynamics</i> , 2016, 46, 3323-3336.	1.7	12
3369	On some aspects of peaks-over-threshold modeling of floods under nonstationarity using climate covariates. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 207-224.	1.9	33
3370	Moisture variability over the Indo-Pacific region and its influence on the Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 2016, 46, 949-965.	1.7	37
3371	A study of biases in simulation of the Indian Ocean basin mode and its capacitor effect in CMIP3/CMIP5 models. <i>Climate Dynamics</i> , 2016, 46, 205-226.	1.7	31
3372	Southern Tibetan Plateau ice core $\delta^{18}O$ reflects abrupt shifts in atmospheric circulation in the late 1970s. <i>Climate Dynamics</i> , 2016, 46, 291-302.	1.7	26
3373	CMIP5 model-simulated onset, duration and intensity of the Asian summer monsoon in current and future climate. <i>Climate Dynamics</i> , 2016, 46, 355-382.	1.7	40
3374	Extraordinary heat during the 1930s US Dust Bowl and associated large-scale conditions. <i>Climate Dynamics</i> , 2016, 46, 413-426.	1.7	40
3375	Two dominant modes of winter temperature variations over China and their relationships with large-scale circulations in CMIP5 models. <i>Theoretical and Applied Climatology</i> , 2016, 124, 579-592.	1.3	9
3376	Possible roles of regional SST anomalies in long-term changes in the relationship between the Indian and Australian summer monsoon rainfall. <i>Theoretical and Applied Climatology</i> , 2016, 124, 663-677.	1.3	9
3377	Regional sea-surface temperatures explain spatial and temporal variation of summer precipitation in the source region of the Yellow River. <i>Hydrological Sciences Journal</i> , 2016, 61, 1383-1394.	1.2	23
3378	Effects of tropical North Atlantic SST on tropical cyclone genesis in the western North Pacific. <i>Climate Dynamics</i> , 2016, 46, 865-877.	1.7	131

#	ARTICLE	IF	CITATIONS
3379	Anomaly transform methods based on total energy and ocean heat content norms for generating ocean dynamic disturbances for ensemble climate forecasts. <i>Climate Dynamics</i> , 2017, 49, 731-751.	1.7	7
3380	A Bayesian peaks-over-threshold analysis of floods in the Itajaí-açu River under stationarity and nonstationarity. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 185-204.	1.9	31
3381	Safety and CO2 emissions: Implications of using organic fluids in a ship's waste heat recovery system. <i>Marine Policy</i> , 2017, 75, 191-203.	1.5	33
3382	On the future navigability of Arctic sea routes: High-resolution projections of the Arctic Ocean and sea ice. <i>Marine Policy</i> , 2017, 75, 300-317.	1.5	208
3383	Validation of newly designed regional earth system model (RegESM) for Mediterranean Basin. <i>Climate Dynamics</i> , 2017, 48, 2919-2947.	1.7	18
3384	Finding the driver of local ocean-atmosphere coupling in reanalyses and CMIP5 climate models. <i>Climate Dynamics</i> , 2017, 48, 2153-2172.	1.7	6
3385	Tracking the delayed response of the northern winter stratosphere to ENSO using multi reanalyses and model simulations. <i>Climate Dynamics</i> , 2017, 48, 2859-2879.	1.7	22
3386	Projections of South Asian summer monsoon precipitation based on 12 CMIP5 models. <i>International Journal of Climatology</i> , 2017, 37, 94-108.	1.5	29
3387	The enhanced relationship between Southern China winter rainfall and warm pool ocean heat content. <i>International Journal of Climatology</i> , 2017, 37, 409-419.	1.5	15
3388	Evaluation of tropical Pacific observing systems using NCEP and GFDL ocean data assimilation systems. <i>Climate Dynamics</i> , 2017, 49, 843-868.	1.7	20
3389	A simple approach to quantifying the noise-ENSO interaction. Part I: deducing the state-dependency of the windstress forcing using monthly mean data. <i>Climate Dynamics</i> , 2017, 48, 1-18.	1.7	60
3390	Interbasin coupling between the tropical Indian and Pacific Ocean on interannual timescale: observation and CMIP5 reproduction. <i>Climate Dynamics</i> , 2017, 48, 459-475.	1.7	31
3391	Winter climate changes over East Asian region under RCP scenarios using East Asian winter monsoon indices. <i>Climate Dynamics</i> , 2017, 48, 577-595.	1.7	15
3392	Projections of Southern Hemisphere atmospheric circulation interannual variability. <i>Climate Dynamics</i> , 2017, 48, 1187-1211.	1.7	6
3393	Using the Twentieth Century Reanalysis to assess climate variability for the European wind industry. <i>Theoretical and Applied Climatology</i> , 2017, 127, 61-80.	1.3	39
3394	Intercomparison of the temperature contrast between the arctic and equator in the pre- and post periods of the 1976/1977 regime shift. <i>Theoretical and Applied Climatology</i> , 2017, 127, 761-767.	1.3	2
3395	Interannual variability of summer monsoon precipitation over the Indochina Peninsula in association with ENSO. <i>Theoretical and Applied Climatology</i> , 2017, 128, 523-531.	1.3	49
3396	Multi-scale variation of the meridional movement of the western Pacific warm pool and its associated large-scale climate features. <i>Theoretical and Applied Climatology</i> , 2017, 129, 859-872.	1.3	3

#	ARTICLE	IF	CITATIONS
3397	Tropical intraseasonal oscillation simulated in an AMIP-type experiment by NICAM. <i>Climate Dynamics</i> , 2017, 48, 2507-2528.	1.7	19
3398	The impact of multidecadal Atlantic meridional overturning circulation variations on the Southern Ocean. <i>Climate Dynamics</i> , 2017, 48, 2065-2085.	1.7	19
3399	Impact of Interdecadal Pacific Oscillation on Indian summer monsoon rainfall: an assessment from CMIP5 climate models. <i>Climate Dynamics</i> , 2017, 48, 2375-2391.	1.7	45
3400	Climate variability and predictability associated with the Indo-Pacific Oceanic Channel Dynamics in the CCSM4 Coupled System Model. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 23-38.	0.7	16
3401	Climatic anomalous patterns associated with the Arctic and Polar cell strength variations. <i>Climate Dynamics</i> , 2017, 48, 169-189.	1.7	5
3402	An analysis of high cloud variability: imprints from the El Niño–Southern Oscillation. <i>Climate Dynamics</i> , 2017, 48, 447-457.	1.7	11
3403	On model differences and skill in predicting sea surface temperature in the Nordic and Barents Seas. <i>Climate Dynamics</i> , 2017, 48, 913-933.	1.7	20
3404	Meridional displacement of the East Asian trough and its response to the ENSO forcing. <i>Climate Dynamics</i> , 2017, 48, 335-352.	1.7	33
3405	Intercomparison of the Arctic sea ice cover in global ocean–sea ice reanalyses from the ORA-IP project. <i>Climate Dynamics</i> , 2017, 49, 1107-1136.	1.7	92
3406	The dynamics of the warming hiatus over the Northern Hemisphere. <i>Climate Dynamics</i> , 2017, 48, 429-446.	1.7	96
3407	Historical and projected changes in the Southern Hemisphere Sub-tropical Jet during winter from the CMIP5 models. <i>Climate Dynamics</i> , 2017, 48, 661-681.	1.7	8
3408	Inter-decadal changes in the East Asian summer monsoon and associations with sea surface temperature anomaly in the South Indian Ocean. <i>Climate Dynamics</i> , 2017, 48, 1125-1139.	1.7	27
3409	Understanding the rapid summer warming and changes in temperature extremes since the mid-1990s over Western Europe. <i>Climate Dynamics</i> , 2017, 48, 1537-1554.	1.7	86
3410	Southern Hemisphere rainfall variability over the past 200 years. <i>Climate Dynamics</i> , 2017, 48, 2087-2105.	1.7	15
3411	Tropospheric circulation during the early twentieth century Arctic warming. <i>Climate Dynamics</i> , 2017, 48, 2405-2418.	1.7	21
3412	Climatic variability of river outflow in the Pantanal region and the influence of sea surface temperature. <i>Theoretical and Applied Climatology</i> , 2017, 129, 97-109.	1.3	10
3413	Variability of hydrological extreme events in East Asia and their dynamical control: a comparison between observations and two high-resolution global climate models. <i>Climate Dynamics</i> , 2017, 48, 745-766.	1.7	9
3414	Empirical prediction of the onset dates of South China Sea summer monsoon. <i>Climate Dynamics</i> , 2017, 48, 1633-1645.	1.7	55

#	ARTICLE	IF	CITATIONS
3415	The complex influence of ENSO on droughts in Ecuador. <i>Climate Dynamics</i> , 2017, 48, 405-427.	1.7	78
3416	Evaluation of precipitation over an oceanic region of Japan in convection-permitting regional climate model simulations. <i>Climate Dynamics</i> , 2017, 48, 1779-1792.	1.7	15
3417	Moisture increase in response to high-altitude warming evidenced by tree-rings on the southeastern Tibetan Plateau. <i>Climate Dynamics</i> , 2017, 48, 649-660.	1.7	55
3418	Interdecadal variability of early summer monsoon rainfall over South China in association with the Pacific Decadal Oscillation. <i>International Journal of Climatology</i> , 2017, 37, 706-721.	1.5	23
3419	Teleconnections of the tropical sea surface temperatures to the surface air temperature over Saudi Arabia in summer season. <i>International Journal of Climatology</i> , 2017, 37, 1040-1049.	1.5	14
3420	Decadal winter drought in Southwest China since the late 1990s and its atmospheric teleconnection. <i>International Journal of Climatology</i> , 2017, 37, 455-467.	1.5	22
3421	Fine-scale climate change: modelling spatial variation in biologically meaningful rates of warming. <i>Global Change Biology</i> , 2017, 23, 256-268.	4.2	88
3422	Regionalization of rainfall over the Peruvian Pacific slope and coast. <i>International Journal of Climatology</i> , 2017, 37, 143-158.	1.5	80
3423	Puffins reveal contrasting relationships between forage fish and ocean climate in the North Pacific. <i>Fisheries Oceanography</i> , 2017, 26, 379-395.	0.9	41
3424	Regional Hydrological Cycle over the Red Sea in ERA-Interim. <i>Journal of Hydrometeorology</i> , 2017, 18, 65-83.	0.7	23
3425	Regional and global sea-surface temperatures during the last interglaciation. <i>Science</i> , 2017, 355, 276-279.	6.0	157
3426	Shifting patterns of mild weather in response to projected radiative forcing. <i>Climatic Change</i> , 2017, 140, 649-658.	1.7	18
3427	Atmospheric seasonal forecasts of the twentieth century: multi-decadal variability in predictive skill of the winter North Atlantic Oscillation (NAO) and their potential value for extreme event attribution. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 917-926.	1.0	95
3428	Impact of surface sensible heating over the Tibetan Plateau on the western Pacific subtropical high: A land-air-sea interaction perspective. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 157-168.	1.9	59
3429	A teleconnection between Atlantic sea surface temperature and eastern and central North Pacific tropical cyclones. <i>Geophysical Research Letters</i> , 2017, 44, 1167-1174.	1.5	32
3430	Elemental variability in the coralline alga <i>Lithophyllum yemenense</i> as an archive of past climate in the Gulf of Aden (NW Indian Ocean). <i>Journal of Phycology</i> , 2017, 53, 381-395.	1.0	8
3431	Asymmetric response of tropical cyclone activity to global warming over the North Atlantic and western North Pacific from CMIP5 model projections. <i>Scientific Reports</i> , 2017, 7, 41354.	1.6	27
3432	Characterization of Heat Waves in the Sahel and Associated Physical Mechanisms. <i>Journal of Climate</i> , 2017, 30, 3095-3115.	1.2	37

#	ARTICLE	IF	CITATIONS
3433	Atlantic effects on recent decadal trends in global monsoon. <i>Climate Dynamics</i> , 2017, 49, 3443-3455.	1.7	32
3434	Influence of the Stratospheric Quasi-Biennial Oscillation on the Madden-Julian Oscillation during Austral Summer. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 1105-1125.	0.6	95
3435	Role of scale interactions in the abrupt change of tropical cyclone in autumn over the Western North Pacific. <i>Climate Dynamics</i> , 2017, 49, 3175-3192.	1.7	25
3436	The resolution sensitivity of the Asian summer monsoon and its inter-model comparison between MRI-AGCM and MetUM. <i>Climate Dynamics</i> , 2017, 49, 3345-3361.	1.7	11
3437	Climate reconstruction using data assimilation of water isotope ratios from ice cores. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 1545-1568.	1.2	45
3438	Hemispheric sea ice distribution sets the glacial tempo. <i>Geophysical Research Letters</i> , 2017, 44, 1008-1014.	1.5	9
3439	Potential to improve precipitation forecasts in Texas through the incorporation of multiple teleconnections. <i>International Journal of Climatology</i> , 2017, 37, 3863-3872.	1.5	1
3440	Compensatory water effects link yearly global land CO ₂ sink changes to temperature. <i>Nature</i> , 2017, 541, 516-520.	13.7	480
3441	Impact of Eurasian Spring Snow Decrement on East Asian Summer Precipitation. <i>Journal of Climate</i> , 2017, 30, 3421-3437.	1.2	74
3442	Impact of explosive volcanic eruptions on the main climate variability modes. <i>Global and Planetary Change</i> , 2017, 150, 24-45.	1.6	88
3443	Benchmarking CMIP5 models with a subset of ESA CCI Phase 2 data using the ESMValTool. <i>Remote Sensing of Environment</i> , 2017, 203, 9-39.	4.6	34
3444	Impact of Tropical SSTs in the North Atlantic and Southeastern Pacific on the Eastern Pacific ITCZ. <i>Journal of Climate</i> , 2017, 30, 1291-1305.	1.2	12
3445	Seasonal Modulations of El Niño-Related Atmospheric Variability: Indo-Western Pacific Ocean Feedback. <i>Journal of Climate</i> , 2017, 30, 3461-3472.	1.2	37
3446	Simulated Atmospheric Response to Regional and Pan-Arctic Sea Ice Loss. <i>Journal of Climate</i> , 2017, 30, 3945-3962.	1.2	132
3447	Intermember Variability of the Summer Northwest Pacific Subtropical Anticyclone in the Ensemble Forecast. <i>Journal of Climate</i> , 2017, 30, 3927-3941.	1.2	19
3448	Evaluation of CMIP5 models over the northern North Atlantic in the context of forthcoming paleoclimatic reconstructions. <i>Climate Dynamics</i> , 2017, 49, 3673-3691.	1.7	4
3449	Influence of the Ocean and Greenhouse Gases on Severe Drought Likelihood in the Central United States in 2012. <i>Journal of Climate</i> , 2017, 30, 1789-1806.	1.2	6
3450	Aerosol-driven increase in Arctic sea ice over the middle of the twentieth century. <i>Geophysical Research Letters</i> , 2017, 44, 7338-7346.	1.5	32

#	ARTICLE	IF	CITATIONS
3451	The influence of dynamical variability on the observed Brewer–Dobson circulation trend. <i>Geophysical Research Letters</i> , 2017, 44, 2885-2892.	1.5	16
3452	La Niña-like Mean-State Response to Global Warming and Potential Oceanic Roles. <i>Journal of Climate</i> , 2017, 30, 4207-4225.	1.2	88
3453	Climate network stability measures of El Niño variability. <i>Chaos</i> , 2017, 27, 035801.	1.0	25
3454	Seasonal prediction of US summertime ozone using statistical analysis of large scale climate patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2491-2496.	3.3	33
3455	Two centuries of temperature variation and volcanic forcing reconstructed for the northern Tibetan Plateau. <i>Physical Geography</i> , 2017, 38, 248-262.	0.6	9
3456	Distinct impacts of two types of La Niña events on Australian summer rainfall. <i>International Journal of Climatology</i> , 2017, 37, 2532-2544.	1.5	30
3457	Influences of volcano eruptions on Asian Summer Monsoon over the last 110 years. <i>Scientific Reports</i> , 2017, 7, 42626.	1.6	36
3458	Combined Impacts of PDO and Two Types of La Niña on Climate Anomalies in Europe. <i>Journal of Climate</i> , 2017, 30, 3253-3278.	1.2	34
3459	Nonlinear ENSO Warming Suppression (NEWS). <i>Journal of Climate</i> , 2017, 30, 4227-4251.	1.2	39
3460	Regional dry-season climate changes due to three decades of Amazonian deforestation. <i>Nature Climate Change</i> , 2017, 7, 200-204.	8.1	165
3461	Different Climatological Characteristics, Inner-Core Structures, and Intensification Processes of Simulated Intense Tropical Cyclones between 20-km Global and 5-km Regional Models. <i>Journal of Climate</i> , 2017, 30, 1583-1603.	1.2	4
3462	Ocean–Atmosphere State Dependence of the Atmospheric Response to Arctic Sea Ice Loss. <i>Journal of Climate</i> , 2017, 30, 1537-1552.	1.2	27
3463	Pacific Hurricane Landfalls on Mexico and SST. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 667-676.	0.6	3
3464	Robustness of the Simulated Tropospheric Response to Ozone Depletion. <i>Journal of Climate</i> , 2017, 30, 2577-2585.	1.2	21
3465	Impact of Model Physics on Seasonal Forecasts of Surface Air Temperature in the Arctic. <i>Monthly Weather Review</i> , 2017, 145, 773-782.	0.5	3
3466	Decline of cold-water fish species in the Bay of Somme (English Channel, France) in response to ocean warming. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 189, 189-202.	0.9	17
3467	Role of internal atmospheric variability in the 2015 extreme winter climate over the North American continent. <i>Geophysical Research Letters</i> , 2017, 44, 2464-2471.	1.5	13
3468	Why Was the Indian Ocean Dipole Weak in the Context of the Extreme El Niño in 2015?. <i>Journal of Climate</i> , 2017, 30, 4755-4761.	1.2	32

#	ARTICLE	IF	CITATIONS
3469	Warm-induced aridification in eastern Inner Mongolia evidenced by tree rings. <i>Dendrochronologia</i> , 2017, 42, 73-79.	1.0	6
3470	Why were the 2015/2016 and 1997/1998 extreme El Niño±os different?. <i>Geophysical Research Letters</i> , 2017, 44, 1848-1856.	1.5	215
3471	Humans have already increased the risk of major disruptions to Pacific rainfall. <i>Nature Communications</i> , 2017, 8, 14368.	5.8	36
3472	Atmospheric Energetics over the Tropical Pacific during the ENSO Cycle. <i>Journal of Climate</i> , 2017, 30, 3635-3654.	1.2	7
3473	Wintertime <scp>ENSO</scp> influence on late spring European climate: the stratospheric response and the role of North Atlantic <scp>SST</scp>. <i>International Journal of Climatology</i> , 2017, 37, 87-108.	1.5	26
3474	Influence of tropical South Atlantic seaâ€s surface temperatures on the Indian summer monsoon in CMIP5 models. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1351-1363.	1.0	48
3475	Non-stationary analysis of the frequency and intensity of heavy precipitation over Canada and their relations to large-scale climate patterns. <i>Climate Dynamics</i> , 2017, 48, 2983-3001.	1.7	24
3476	The Modulating Influence of Indian Ocean Sea Surface Temperatures on Australian Region Seasonal Tropical Cyclone Counts. <i>Journal of Climate</i> , 2017, 30, 4843-4856.	1.2	18
3477	Variability, trends, and teleconnections of stream flows with large-scale climate signals in the Omo-Ghibe River Basin, Ethiopia. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 142.	1.3	26
3478	Revisiting ENSO/Indian Ocean Dipole phase relationships. <i>Geophysical Research Letters</i> , 2017, 44, 2481-2492.	1.5	168
3479	Consecutive record-breaking high temperatures marked the handover from hiatus to accelerated warming. <i>Scientific Reports</i> , 2017, 7, 43735.	1.6	39
3480	Mismatch between marine plankton range movements and the velocity of climate change. <i>Nature Communications</i> , 2017, 8, 14434.	5.8	94
3481	Validation of MODIS Sea Surface Temperature Product in the Coastal Waters of the Yellow Sea. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 1667-1680.	2.3	21
3482	A scalable parallel algorithm for atmospheric general circulation models on a multi-core cluster. <i>Future Generation Computer Systems</i> , 2017, 72, 1-10.	4.9	25
3483	Decadal predictability without ocean dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2177-2182.	3.3	21
3484	<i>Symbiodinium</i> (Dinophyceae) community patterns in invertebrate hosts from inshore marginal reefs of the southern Great Barrier Reef, Australia. <i>Journal of Phycology</i> , 2017, 53, 589-600.	1.0	7
3485	Decadal variation of the impact of La Niña±a on the winter Arctic stratosphere. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 679-684.	1.9	12
3486	Emergent constraints on projections of declining primary production in the tropical oceans. <i>Nature Climate Change</i> , 2017, 7, 355-358.	8.1	108

#	ARTICLE	IF	CITATIONS
3487	Seasonal Prediction Skill of Northern Extratropical Surface Temperature Driven by the Stratosphere. <i>Journal of Climate</i> , 2017, 30, 4463-4475.	1.2	37
3488	Role of internal variability in recent decadal to multidecadal tropical Pacific climate changes. <i>Geophysical Research Letters</i> , 2017, 44, 4246-4255.	1.5	30
3489	A multi-model analysis of the resolution influence on precipitation climatology in the Gulf Stream region. <i>Climate Dynamics</i> , 2017, 48, 1685-1704.	1.7	8
3490	Weather noise impact on the uncertainty of simulated water balance components of river basins. <i>Hydrological Sciences Journal</i> , 2017, 62, 1181-1199.	1.2	5
3491	Climate impacts of the Atlantic Multidecadal Oscillation simulated in the CMIP5 models: A re-evaluation based on a revised index. <i>Geophysical Research Letters</i> , 2017, 44, 3867-3876.	1.5	32
3492	Spatiotemporal variability in the $\delta^{18}O$ -salinity relationship of seawater across the tropical Pacific Ocean. <i>Paleoceanography</i> , 2017, 32, 484-497.	3.0	47
3493	Anthropogenic forcings on the climate of the Aral Sea: A regional modeling perspective. <i>Anthropocene</i> , 2017, 20, 48-60.	1.6	12
3494	Climate change enhances interannual variability of the Nile river flow. <i>Nature Climate Change</i> , 2017, 7, 350-354.	8.1	107
3495	Ocean warming since 1982 has expanded the niche of toxic algal blooms in the North Atlantic and North Pacific oceans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4975-4980.	3.3	339
3496	Assessing the Impact of Model Biases on the Projected Increase in Frequency of Extreme Positive Indian Ocean Dipole Events. <i>Journal of Climate</i> , 2017, 30, 2757-2767.	1.2	30
3497	Pairwise-Rotated EOFs of Global SST. <i>Journal of Climate</i> , 2017, 30, 5473-5489.	1.2	28
3498	Atmospheric Rivers over the Northwestern Pacific: Climatology and Interannual Variability. <i>Journal of Climate</i> , 2017, 30, 5605-5619.	1.2	80
3499	Observing the subsurface thermal signature of the Black Sea cold intermediate layer with Argo profiling floats. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 124, 140-152.	0.6	18
3500	Evolution of the Atlantic Multidecadal Variability in a Model with an Improved North Atlantic Current. <i>Journal of Climate</i> , 2017, 30, 5491-5512.	1.2	27
3501	Iranian surface air temperature periodicities and correlations with the North Atlantic and Indian Ocean sea surface temperature variations. <i>Meteorological Applications</i> , 2017, 24, 268-275.	0.9	7
3502	Upper-ocean dynamical features and prediction of the super El Niño in 2015/16: A comparison with the cases in 1982/83 and 1997/98. <i>Journal of Meteorological Research</i> , 2017, 31, 278-294.	0.9	32
3503	Estimating Decadal Predictability for the Southern Ocean Using the GFDL CM2.1 Model. <i>Journal of Climate</i> , 2017, 30, 5187-5203.	1.2	10
3504	Spatiotemporal Decompositions of Summer Drought in China and Its Teleconnection with Global Sea Surface Temperatures during 1901-2012. <i>Journal of Climate</i> , 2017, 30, 6391-6412.	1.2	16

#	ARTICLE	IF	CITATIONS
3505	Increased Chances of Drought in Southeastern Periphery of the Tibetan Plateau Induced by Anthropogenic Warming. <i>Journal of Climate</i> , 2017, 30, 6543-6560.	1.2	38
3506	Australian climate extremes at 1.5°C and 2°C of global warming. <i>Nature Climate Change</i> , 2017, 7, 413-416.	2.2	255
3507	Recent Winter Precipitation Changes over Eastern China in Different Warming Periods and the Associated East Asian Jets and Oceanic Conditions. <i>Journal of Climate</i> , 2017, 30, 4443-4462.	1.2	40
3508	Changes in Ocean Temperature in the Barents Sea in the Twenty-First Century. <i>Journal of Climate</i> , 2017, 30, 5901-5921.	1.2	22
3509	Large-scale control of the lower stratosphere on variability of tropical cyclone intensity. <i>Geophysical Research Letters</i> , 2017, 44, 4313-4323.	1.5	15
3510	A Dynamically Consistent Reconstruction of Ocean Temperature. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 1061-1082.	0.5	8
3511	Land-sea thermal contrast determines the trend of Walker circulation simulated in atmospheric general circulation models. <i>Geophysical Research Letters</i> , 2017, 44, 5854-5862.	1.5	13
3512	Modulation of the <sc>PDO</sc> to the relationship between moderate <sc>ENSO</sc> events and the winter climate over North America. <i>International Journal of Climatology</i> , 2017, 37, 4275-4287.	1.5	18
3513	Further inquiry into characteristics of MJO in boreal winter. <i>International Journal of Climatology</i> , 2017, 37, 4451-4462.	1.5	2
3514	Exploring the feasibility of empirical, dynamical and combined probabilistic rainy season onset forecasts for São Paulo, Brazil. <i>International Journal of Climatology</i> , 2017, 37, 398-411.	1.5	8
3515	Twentieth century ENSO-related precipitation mean states in twentieth century reanalysis, reconstructed precipitation and CMIP5 models. <i>Climate Dynamics</i> , 2017, 48, 3061-3083.	1.7	8
3516	Predictability of 2-year La Niña events in a coupled general circulation model. <i>Climate Dynamics</i> , 2017, 49, 4237-4261.	1.7	74
3517	Re-calibration of Arctic sea ice extent datasets using Arctic surface air temperature records. <i>Hydrological Sciences Journal</i> , 2017, 62, 1317-1340.	1.2	26
3518	OLR perspective on the Indian Ocean Dipole with application to East African precipitation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1828-1843.	1.0	6
3519	An empirical model for probabilistic decadal prediction: global attribution and regional hindcasts. <i>Climate Dynamics</i> , 2017, 48, 3115-3138.	1.7	20
3520	Time-varying spectral characteristics of ENSO over the Last Millennium. <i>Climate Dynamics</i> , 2017, 49, 1705-1727.	1.7	15
3521	Transparent exopolymer particles: Effects on carbon cycling in the ocean. <i>Progress in Oceanography</i> , 2017, 151, 13-37.	1.5	171
3522	Impact of fire on global land surface air temperature and energy budget for the 20th century due to changes within ecosystems. <i>Environmental Research Letters</i> , 2017, 12, 044014.	2.2	45

#	ARTICLE	IF	CITATIONS
3523	Revisiting the ENSO Teleconnection to the Tropical North Atlantic. <i>Journal of Climate</i> , 2017, 30, 6945-6957.	1.2	100
3524	The Dynamical Influence of the Atlantic Multidecadal Oscillation on Continental Climate. <i>Journal of Climate</i> , 2017, 30, 7213-7230.	1.2	91
3525	Decadal Modulation of Precipitation Patterns over Eastern China by Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2017, 30, 7017-7033.	1.2	103
3528	Onset of the Bay of Bengal summer monsoon and the seasonal timing of ENSO's decay phase. <i>International Journal of Climatology</i> , 2017, 37, 4938-4948.	1.5	7
3529	Connections between north-central United States summer hydroclimatology and Arctic sea ice variability. <i>International Journal of Climatology</i> , 2017, 37, 4434-4450.	1.5	14
3530	The role of the Indian Ocean sector for prediction of the coupled Indo-Pacific system: Impact of atmospheric coupling. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2813-2829.	1.0	3
3531	Decadal climate predictions improved by ocean ensemble dispersion filtering. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1138-1149.	1.3	15
3532	Critical evaluation of climate syntheses to benchmark CMIP6/PMIP4 127 ka Last Interglacial simulations in the high-latitude regions. <i>Quaternary Science Reviews</i> , 2017, 168, 137-150.	1.4	63
3533	Dynamic linear models to explore time-varying suspended sediment discharge rating curves. <i>Water Resources Research</i> , 2017, 53, 4802-4820.	1.7	22
3534	Trend and periodicity of drought over Ethiopia. <i>International Journal of Climatology</i> , 2017, 37, 4733-4748.	1.5	65
3535	Precipitation extremes in the dry and wet regions of China and their connections with the sea surface temperature in the eastern tropical Pacific Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6273-6283.	1.2	8
3536	The weakening of the ENSO-Indian Ocean Dipole (IOD) coupling strength in recent decades. <i>Climate Dynamics</i> , 2017, 49, 249-261.	1.7	44
3537	The Role of Forcings in the Twentieth-Century North Atlantic Multidecadal Variability: The 1940-75 North Atlantic Cooling Case Study. <i>Journal of Climate</i> , 2017, 30, 7317-7337.	1.2	57
3538	SynthETC: A Statistical Model for Severe Winter Storm Hazard on Eastern North America. <i>Journal of Climate</i> , 2017, 30, 5329-5343.	1.2	10
3539	Impact of Poleward Moisture Transport from the North Pacific on the Acceleration of Sea Ice Loss in the Arctic since 2002. <i>Journal of Climate</i> , 2017, 30, 6757-6769.	1.2	45
3540	Pronounced differences between observed and CMIP5-simulated multidecadal climate variability in the twentieth century. <i>Geophysical Research Letters</i> , 2017, 44, 5749-5757.	1.5	50
3541	Sampling variability and the changing ENSO-monsoon relationship. <i>Climate Dynamics</i> , 2017, 48, 4071-4079.	1.7	37
3542	Community review of Southern Ocean satellite data needs. <i>Antarctic Science</i> , 2017, 29, 97-138.	0.5	43

#	ARTICLE	IF	CITATIONS
3543	Extreme temperatures in Southeast Asia caused by El Niño and worsened by global warming. <i>Nature Communications</i> , 2017, 8, 15531.	5.8	167
3544	A monthly global paleo-reanalysis of the atmosphere from 1600 to 2005 for studying past climatic variations. <i>Scientific Data</i> , 2017, 4, 170076.	2.4	66
3545	The role of external forcing and internal variability in regulating global mean surface temperatures on decadal timescales. <i>Environmental Research Letters</i> , 2017, 12, 034011.	2.2	41
3546	Impacts of Storm-Track Variations on Wintertime Extreme Weather Events over the Continental United States. <i>Journal of Climate</i> , 2017, 30, 4601-4624.	1.2	27
3547	The impacts of the Indian summer rainfall on North China summer rainfall. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 195-206.	1.3	13
3548	Thermocline Fluctuations in the Equatorial Pacific Related to the Two Types of El Niño Events. <i>Journal of Climate</i> , 2017, 30, 6611-6627.	1.2	20
3549	No significant difference between Australian heat wave impacts of Modoki and eastern Pacific El Niño. <i>Geophysical Research Letters</i> , 2017, 44, 5150-5157.	1.5	5
3550	Attribution of Forced Decadal Climate Change in Coupled and Uncoupled Ocean-Atmosphere Model Experiments. <i>Journal of Climate</i> , 2017, 30, 6203-6223.	1.2	40
3551	Skilful prediction of Sahel summer rainfall on inter-annual and multi-year timescales. <i>Nature Communications</i> , 2017, 8, 14966.	5.8	82
3552	Sensitivity of AGCM-simulated regional JJAS precipitation to different convective parameterization schemes. <i>International Journal of Climatology</i> , 2017, 37, 4594-4609.	1.5	18
3553	Ocean currents modify the coupling between climate change and biogeographical shifts. <i>Scientific Reports</i> , 2017, 7, 1332.	1.6	46
3554	Early 20th-century Arctic warming intensified by Pacific and Atlantic multidecadal variability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6227-6232.	3.3	106
3555	Asymmetric Modulation of El Niño and La Niña and the Linkage to Tropical Pacific Decadal Variability. <i>Journal of Climate</i> , 2017, 30, 4705-4733.	1.2	38
3556	Variability in seasonal forecast skill of Northern Hemisphere winters over the twentieth century. <i>Geophysical Research Letters</i> , 2017, 44, 5729-5738.	1.5	39
3557	Interdecadal change of the interannual relationship between the frequency of intense tropical cyclone over the western North Pacific and ENSO. <i>International Journal of Climatology</i> , 2017, 37, 4880-4895.	1.5	8
3558	Coral reefs in the Anthropocene. <i>Nature</i> , 2017, 546, 82-90.	13.7	1,329
3559	Extratropical Forcing Triggered the 2015 Madden-Julian Oscillation-El Niño Event. <i>Scientific Reports</i> , 2017, 7, 46692.	1.6	26
3560	Space-time variability of extreme rainfall in the River Nile basin. <i>International Journal of Climatology</i> , 2017, 37, 4915-4924.	1.5	21

#	ARTICLE	IF	CITATIONS
3561	Impacts of the leading modes of tropical Indian Ocean sea surface temperature anomaly on sub-seasonal evolution of the circulation and rainfall over East Asia during boreal spring and summer. <i>Journal of Meteorological Research</i> , 2017, 31, 171-186.	0.9	24
3562	Contribution of Atlantic and Pacific Multidecadal Variability to Twentieth-Century Temperature Changes. <i>Journal of Climate</i> , 2017, 30, 6279-6295.	1.2	33
3563	Weak Tropical Cyclones Dominate the Poleward Migration of the Annual Mean Location of Lifetime Maximum Intensity of Northwest Pacific Tropical Cyclones since 1980. <i>Journal of Climate</i> , 2017, 30, 6873-6882.	1.2	39
3564	Tropical circulation and precipitation response to ozone depletion and recovery. <i>Environmental Research Letters</i> , 2017, 12, 064011.	2.2	16
3565	Causes of ENSO Weakening during the Mid-Holocene. <i>Journal of Climate</i> , 2017, 30, 7049-7070.	1.2	19
3566	Wind-driven ocean dynamics impact on the contrasting sea-ice trends around West Antarctica. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4413-4430.	1.0	19
3567	Impact of Anthropogenic Climate Change on the East Asian Summer Monsoon. <i>Journal of Climate</i> , 2017, 30, 5205-5220.	1.2	44
3568	Variability and Change in Climate. , 2017, , 27-60.		0
3569	Eastern tropical North Pacific coral radiocarbon reveals North Pacific Gyre Oscillation (NPGO) variability. <i>Quaternary Science Reviews</i> , 2017, 160, 108-115.	1.4	5
3570	The 2015/16 El Niño Event in Context of the MERRA-2 Reanalysis: A Comparison of the Tropical Pacific with 1982/83 and 1997/98. <i>Journal of Climate</i> , 2017, 30, 4819-4842.	1.2	47
3571	Contributions of Asian pollution and SST forcings on precipitation change in the North Pacific. <i>Atmospheric Research</i> , 2017, 192, 30-37.	1.8	7
3572	Regionalizing indicators for marine ecosystems: Bering Sea Aleutian Island seabirds, climate, and competitors. <i>Ecological Indicators</i> , 2017, 78, 458-469.	2.6	15
3573	Intraseasonal variation of the East Asian summer monsoon in La Niña years. <i>Atmospheric and Oceanic Science Letters</i> , 2017, 10, 156-161.	0.5	12
3574	Weakening and shift of the Arctic stratospheric polar vortex: Internal variability or forced response?. <i>Geophysical Research Letters</i> , 2017, 44, 3365-3373.	1.5	39
3575	Revisiting the relationship between the South Asian summer monsoon drought and El Niño warming pattern. <i>Atmospheric Science Letters</i> , 2017, 18, 175-182.	0.8	25
3576	Distinguishing the Quasi-Decadal and Multidecadal Sea Level and Climate Variations in the Pacific: Implications for the ENSO-Like Low-Frequency Variability. <i>Journal of Climate</i> , 2017, 30, 5097-5117.	1.2	23
3577	Simple Statistical Probabilistic Forecasts of the Winter NAO. <i>Weather and Forecasting</i> , 2017, 32, 1585-1601.	0.5	34
3578	Impacts of the Pacific Meridional Mode on June-August precipitation in the Amazon River Basin. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1936-1945.	1.0	21

#	ARTICLE	IF	CITATIONS
3579	Decadal Drought Variability Over North America: Mechanisms and Predictability. <i>Current Climate Change Reports</i> , 2017, 3, 141-149.	2.8	31
3580	Indo-Pacific Variability on Seasonal to Multidecadal Time Scales. Part I: Intrinsic SST Modes in Models and Observations. <i>Journal of Climate</i> , 2017, 30, 5265-5294.	1.2	18
3581	Ship accessibility predictions for the Arctic Ocean based on IPCC CO2 emission scenarios. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 43-50.	1.3	2
3582	Distinct Patterns of Tropical Pacific SST Anomaly and Their Impacts on North American Climate. <i>Journal of Climate</i> , 2017, 30, 5221-5241.	1.2	31
3583	The Northern Hemisphere Extratropical Atmospheric Circulation Response to ENSO: How Well Do We Know It and How Do We Evaluate Models Accordingly?. <i>Journal of Climate</i> , 2017, 30, 5059-5082.	1.2	180
3584	Leading modes of tropical Pacific subsurface ocean temperature and associations with two types of El Niño. <i>Scientific Reports</i> , 2017, 7, 42371.	1.6	4
3585	North Pacific twentieth century decadal-scale variability is unique for the past 342 years. <i>Geophysical Research Letters</i> , 2017, 44, 3761-3769.	1.5	16
3586	The potential value of early (1939–1967) upper-air data in atmospheric climate reanalysis. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1197-1210.	1.0	19
3587	Emergent Constraints in Climate Projections: A Case Study of Changes in High-Latitude Temperature Variability. <i>Journal of Climate</i> , 2017, 30, 3655-3670.	1.2	27
3588	Comparison of Low-Frequency Internal Climate Variability in CMIP5 Models and Observations. <i>Journal of Climate</i> , 2017, 30, 4763-4776.	1.2	53
3589	Global warming and recurrent mass bleaching of corals. <i>Nature</i> , 2017, 543, 373-377.	13.7	2,363
3590	A unified nonlinear stochastic time series analysis for climate science. <i>Scientific Reports</i> , 2017, 7, 44228.	1.6	22
3591	Tropical–Extratropical Interactions Associated with East Asian Cold Air Outbreaks. Part I: Interannual Variability. <i>Journal of Climate</i> , 2017, 30, 2989-3007.	1.2	30
3592	The complex behavior of El Niño winter 2015–2016. <i>Geophysical Research Letters</i> , 2017, 44, 2902-2910.	1.5	27
3593	Characteristics of precipitation extremes in Malaysia associated with El Niño and La Niña events. <i>International Journal of Climatology</i> , 2017, 37, 696-716.	1.5	58
3594	Arctic sea ice, Eurasia snow, and extreme winter haze in China. <i>Science Advances</i> , 2017, 3, e1602751.	4.7	181
3595	Spatial classification of La Niña events. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2017, 53, 111-119.	0.2	3
3596	Historical and Projected Eastern Pacific and Intra-Americas Sea TD-Wave Activity in a Selection of IPCC AR5 Models. <i>Journal of Climate</i> , 2017, 30, 2269-2294.	1.2	7

#	ARTICLE	IF	CITATIONS
3597	Influence of ENSO on the Pacific decadal oscillation in CMIP models. <i>Climate Dynamics</i> , 2017, 49, 3309-3326.	1.7	26
3598	The transient atmospheric response to a reduction of sea-ice cover in the Barents and Kara Seas. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1632-1640.	1.0	22
3599	Amplitude-dependent relationship between the Southern Annular Mode and the El Niño Southern Oscillation in austral summer. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 85-100.	1.3	8
3600	Iceland's Great Frost Winter of 1917/1918 and its representation in reanalyses of the twentieth century. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 508-520.	1.0	4
3601	Global surface temperature change analysis based on MODIS data in recent twelve years. <i>Advances in Space Research</i> , 2017, 59, 503-512.	1.2	39
3602	Recent trends and tele-connections among South and East Asian summer monsoons in a warming environment. <i>Climate Dynamics</i> , 2017, 48, 2489-2505.	1.7	134
3603	Cross-continent comparisons reveal differing environmental drivers of growth of the coral reef fish, <i>Lutjanus bohar</i> . <i>Coral Reefs</i> , 2017, 36, 195-206.	0.9	9
3604	Nonstationary extreme flood/rainfall frequency analysis informed by large-scale oceanic fields for Xidayang Reservoir in North China. <i>International Journal of Climatology</i> , 2017, 37, 3810-3820.	1.5	18
3605	Tropical Cyclone Interaction with the Ocean: The Role of High-Frequency (Subdaily) Coupled Processes. <i>Journal of Climate</i> , 2017, 30, 145-162.	1.2	43
3606	Amplified North Atlantic warming in the late Pliocene by changes in Arctic gateways. <i>Geophysical Research Letters</i> , 2017, 44, 957-964.	1.5	53
3607	Interannual to centennial variability of the South Asian summer monsoon over the past millennium. <i>Climate Dynamics</i> , 2017, 49, 2803-2814.	1.7	31
3608	The importance of ENSO nonlinearities in tropical pacific response to external forcing. <i>Climate Dynamics</i> , 2017, 49, 2695-2704.	1.7	51
3609	Indian Ocean Dipole Modes Associated with Different Types of ENSO Development. <i>Journal of Climate</i> , 2017, 30, 2233-2249.	1.2	43
3610	The Influence of the Indian Ocean on ENSO Stability and Flavor. <i>Journal of Climate</i> , 2017, 30, 2601-2620.	1.2	24
3611	Understanding the spatio-temporal influence of climate variability on Australian heatwaves. <i>International Journal of Climatology</i> , 2017, 37, 3963-3975.	1.5	27
3612	Arctic and East Asia Winter Climate Variations Associated with the Eastern Atlantic Pattern. <i>Journal of Climate</i> , 2017, 30, 573-583.	1.2	6
3613	Dominant Role of Subtropical Pacific Warming in Extreme Eastern Pacific Hurricane Seasons: 2015 and the Future. <i>Journal of Climate</i> , 2017, 30, 243-264.	1.2	79
3614	Climatology and Interannual Variability of Cloudiness in the Atlantic Arctic from Surface Observations since the Late Nineteenth Century. <i>Journal of Climate</i> , 2017, 30, 2103-2120.	1.2	41

#	ARTICLE	IF	CITATIONS
3615	Wet and cold climate conditions recorded by coral geochemical proxies during the beginning of the first millennium CE in the northern South China Sea. <i>Journal of Asian Earth Sciences</i> , 2017, 135, 25-34.	1.0	7
3616	Reconstruction of March–June precipitation from tree rings in central Liaoning, China. <i>Climate Dynamics</i> , 2017, 49, 3111-3121.	1.7	9
3617	Characteristics and Impacts of Extratropical Rossby Wave Breaking during the Atlantic Hurricane Season. <i>Journal of Climate</i> , 2017, 30, 2363-2379.	1.2	34
3618	A Call for New Approaches to Quantifying Biases in Observations of Sea Surface Temperature. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 1601-1616.	1.7	69
3619	Soil Moisture Influence on Seasonality and Large-Scale Circulation in Simulations of the West African Monsoon. <i>Journal of Climate</i> , 2017, 30, 2295-2317.	1.2	38
3620	Identifying the predictable and unpredictable patterns of spring-to-autumn precipitation over eastern China. <i>Climate Dynamics</i> , 2017, 48, 3183-3206.	1.7	12
3621	Projected increase in El Niño-driven tropical cyclone frequency in the Pacific. <i>Nature Climate Change</i> , 2017, 7, 123-127.	8.1	66
3622	A comparison of the climates of the Medieval Climate Anomaly, Little Ice Age, and Current Warm Period reconstructed using coral records from the northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 264-275.	1.0	29
3623	Increase in the potential predictability of the Arctic Oscillation via intensified teleconnection with ENSO after the mid-1990s. <i>Climate Dynamics</i> , 2017, 49, 2147-2160.	1.7	5
3624	Why Has the Relationship between Indian and Pacific Ocean Decadal Variability Changed in Recent Decades?. <i>Journal of Climate</i> , 2017, 30, 1971-1983.	1.2	64
3625	El Niño–Southern Oscillation and Indian Ocean Dipole contribution to the zonal mean total ozone in the Northern Hemisphere. <i>International Journal of Climatology</i> , 2017, 37, 3517-3524.	1.5	3
3626	Interdecadal Changes in the Relationship between ENSO, EAWM, and the Wintertime Precipitation over China at the End of the Twentieth Century. <i>Journal of Climate</i> , 2017, 30, 1923-1937.	1.2	45
3627	Poleward eddy heat flux anomalies associated with recent Arctic sea ice loss. <i>Geophysical Research Letters</i> , 2017, 44, 446-454.	1.5	29
3628	Enhanced winter warming in the Eastern China Coastal Waters and its relationship with ENSO. <i>Atmospheric Science Letters</i> , 2017, 18, 11-18.	0.8	12
3629	Definition of Extreme El Niño and Its Impact on Projected Increase in Extreme El Niño Frequency. <i>Geophysical Research Letters</i> , 2017, 44, 11,184.	1.5	26
3630	Harmful algal blooms in the Eastern North Atlantic Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9763-E9764.	3.3	11
3631	Roles of wind stress and thermodynamic forcing in recent trends in Antarctic sea ice and Southern Ocean SST: An ocean-sea ice model study. <i>Global and Planetary Change</i> , 2017, 158, 103-118.	1.6	16
3632	The impact of long-term oceanic warming on the Antarctic Oscillation in austral winter. <i>Scientific Reports</i> , 2017, 7, 12321.	1.6	3

#	ARTICLE	IF	CITATIONS
3633	North Atlantic controls on wintertime warm extremes and aridification trends in the Middle East. <i>Scientific Reports</i> , 2017, 7, 12301.	1.6	15
3634	Assessment of Responses of Tropical Pacific Air–Sea CO ₂ Flux to ENSO in 14 CMIP5 Models. <i>Journal of Climate</i> , 2017, 30, 8595-8613.	1.2	11
3636	Tropical explosive volcanic eruptions can trigger El Niño by cooling tropical Africa. <i>Nature Communications</i> , 2017, 8, 778.	5.8	132
3637	Genomic models predict successful coral adaptation if future ocean warming rates are reduced. <i>Science Advances</i> , 2017, 3, e1701413.	4.7	161
3638	ENSO-related PM10 variability on the Korean Peninsula. <i>Atmospheric Environment</i> , 2017, 167, 426-433.	1.9	24
3639	Statistical analysis and a case study of tropical cyclones that trigger the onset of the South China Sea summer monsoon. <i>Scientific Reports</i> , 2017, 7, 12732.	1.6	25
3640	Reconstructing Past Seasonal to Multicentennial Scale Variability in the NE Atlantic Ocean Using the Long-Lived Marine Bivalve Mollusk <i>Glycymeris glycymeris</i> . <i>Paleoceanography</i> , 2017, 32, 1153-1173.	3.0	20
3641	Causes and Predictability of the Negative Indian Ocean Dipole and Its Impact on La Niña During 2016. <i>Scientific Reports</i> , 2017, 7, 12619.	1.6	76
3642	Weakening of the North American monsoon with global warming. <i>Nature Climate Change</i> , 2017, 7, 806-812.	8.1	105
3643	Marine mammal population decline linked to obscured by-catch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11781-11786.	3.3	17
3644	Robust Surface Warming in Offshore China Seas and Its Relationship to the East Asian Monsoon Wind Field and Ocean Forcing on Interdecadal Time Scales. <i>Journal of Climate</i> , 2017, 30, 8987-9005.	1.2	60
3645	Statistical Prediction of Winter Haze Days in the North China Plain Using the Generalized Additive Model. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 2411-2419.	0.6	24
3646	Fire history in southern Patagonia: human and climate influences on fire activity in <i>Nothofagus pumilio</i> forests. <i>Ecosphere</i> , 2017, 8, e01932.	1.0	28
3647	Snow–(N)AO Teleconnection and Its Modulation by the Quasi-Biennial Oscillation. <i>Journal of Climate</i> , 2017, 30, 10211-10235.	1.2	21
3648	The Effects of External Forcing and Internal Variability on the Formation of Interhemispheric Sea Surface Temperature Gradient Trends in the Indian Ocean. <i>Journal of Climate</i> , 2017, 30, 9077-9095.	1.2	4
3649	Weighted composite analysis and its application: an example using ENSO and geopotential height. <i>Atmospheric Science Letters</i> , 2017, 18, 435-440.	0.8	9
3650	<i>Porites</i> coral response to an oceanographic and human impact gradient in the Line Islands. <i>Limnology and Oceanography</i> , 2017, 62, 2850-2863.	1.6	11
3651	Effect of Indian Ocean SST on Tibetan Plateau Precipitation in the Early Rainy Season. <i>Journal of Climate</i> , 2017, 30, 8973-8985.	1.2	36

#	ARTICLE	IF	CITATIONS
3652	A Weather-Type-Based Cross-Time-Scale Diagnostic Framework for Coupled Circulation Models. <i>Journal of Climate</i> , 2017, 30, 8951-8972.	1.2	28
3653	A joint monsoon index for East Asian and Australian monsoons during boreal summer. <i>Atmospheric Science Letters</i> , 2017, 18, 403-408.	0.8	14
3654	Impacts of Atmospheric Processes on ENSO Asymmetry: A Comparison between CESM1 and CCSM4. <i>Journal of Climate</i> , 2017, 30, 9743-9762.	1.2	11
3655	Response of the tropical Indian Ocean SST to decay phase of La Niña and associated processes. <i>Dynamics of Atmospheres and Oceans</i> , 2017, 80, 110-123.	0.7	6
3656	Enhanced warming of the subtropical mode water in the North Pacific and North Atlantic. <i>Nature Climate Change</i> , 2017, 7, 656-658.	8.1	33
3657	Variable and robust East Asian monsoon rainfall response to El Niño over the past 60 years (1957-2016). <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1235-1248.	1.9	105
3658	Competing Atmospheric and Surface-Driven Impacts of Absorbing Aerosols on the East Asian Summertime Climate. <i>Journal of Climate</i> , 2017, 30, 8929-8949.	1.2	15
3659	The Influence of Atmospheric Convection on the Interaction between the Indian Ocean and ENSO. <i>Journal of Climate</i> , 2017, 30, 10155-10178.	1.2	10
3660	Shifts in spawning phenology of cod linked to rising sea temperatures. <i>ICES Journal of Marine Science</i> , 2017, 74, 1561-1573.	1.2	31
3661	Twentieth century correlations between extratropical SST variability and ITCZ shifts. <i>Geophysical Research Letters</i> , 2017, 44, 9039-9047.	1.5	28
3662	Decadal Indian Ocean dipolar variability and its relationship with the tropical Pacific. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1282-1289.	1.9	20
3663	Are Simulated and Observed Twentieth Century Tropical Pacific Sea Surface Temperature Trends Significant Relative to Internal Variability?. <i>Geophysical Research Letters</i> , 2017, 44, 9928-9937.	1.5	112
3664	Distributions of Tropical Precipitation Cluster Power and Their Changes under Global Warming. Part I: Observational Baseline and Comparison to a High-Resolution Atmospheric Model. <i>Journal of Climate</i> , 2017, 30, 8033-8044.	1.2	13
3665	Estimation of the SST Response to Anthropogenic and External Forcing and Its Impact on the Atlantic Multidecadal Oscillation and the Pacific Decadal Oscillation. <i>Journal of Climate</i> , 2017, 30, 9871-9895.	1.2	79
3666	A Dipole Pattern of Summertime Rainfall across the Indian Subcontinent and the Tibetan Plateau. <i>Journal of Climate</i> , 2017, 30, 9607-9620.	1.2	64
3667	Response of Tropical Cyclone Activity and Structure to Global Warming in a High-Resolution Global Nonhydrostatic Model. <i>Journal of Climate</i> , 2017, 30, 9703-9724.	1.2	92
3668	Large-Scale Forcing of the Amundsen Sea Low and Its Influence on Sea Ice and West Antarctic Temperature. <i>Journal of Climate</i> , 2017, 30, 8405-8424.	1.2	33
3669	Influence of Latent Heating over the Asian and Western Pacific Monsoon Region on Sahel Summer Rainfall. <i>Scientific Reports</i> , 2017, 7, 7680.	1.6	16

#	ARTICLE	IF	CITATIONS
3670	On the persistence and coherence of subpolar sea surface temperature and salinity anomalies associated with the Atlantic multidecadal variability. <i>Geophysical Research Letters</i> , 2017, 44, 7865-7875.	1.5	100
3671	Extended Reconstructed Sea Surface Temperature, Version 5 (ERSSTv5): Upgrades, Validations, and Intercomparisons. <i>Journal of Climate</i> , 2017, 30, 8179-8205.	1.2	1,841
3672	Internally Generated and Externally Forced Multidecadal Oceanic Modes and Their Influence on the Summer Rainfall over East Asia. <i>Journal of Climate</i> , 2017, 30, 8299-8316.	1.2	27
3673	Potential and limitation of combining terrestrial and marine growth records from Iceland. <i>Global and Planetary Change</i> , 2017, 155, 213-224.	1.6	5
3674	On the aliasing of the solar cycle in the lower stratospheric tropical temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9076-9093.	1.2	19
3675	Assessing trends and uncertainties in satellite-era ocean chlorophyll using space-time modeling. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1103-1117.	1.9	24
3676	Interpreting the sea surface temperature warming trend in the Yellow Sea and East China Sea. <i>Science China Earth Sciences</i> , 2017, 60, 1558-1568.	2.3	28
3677	A revival of Indian summer monsoon rainfall since 2002. <i>Nature Climate Change</i> , 2017, 7, 587-594.	8.1	161
3678	A Transbasin Mode of Interannual Variability of the Central American Gap Winds: Seasonality and Large-Scale Forcing. <i>Journal of Climate</i> , 2017, 30, 8223-8235.	1.2	6
3679	CGCM and AGCM seasonal climate predictions: A study in CCSM4. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7416-7432.	1.2	9
3680	Uncertainty propagation in observational references to climate model scales. <i>Remote Sensing of Environment</i> , 2017, 203, 101-108.	4.6	18
3681	Spatio-temporal variability of sea surface temperature in Irish waters (1982-2015) using AVHRR sensor. <i>Journal of Sea Research</i> , 2017, 129, 89-104.	0.6	8
3682	Variability and trends in the Arctic sea ice cover: Results from different techniques. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 6883-6900.	1.0	197
3683	Replicating annual North Atlantic hurricane activity 1878-2012 from environmental variables. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6284-6297.	1.2	19
3684	The role of South Pacific atmospheric variability in the development of different types of ENSO. <i>Geophysical Research Letters</i> , 2017, 44, 7438-7446.	1.5	63
3685	The Roles of Convection over the Western Maritime Continent and the Philippine Sea in Interannual Variability of Summer Rainfall over Southwest China. <i>Journal of Hydrometeorology</i> , 2017, 18, 2043-2056.	0.7	21
3686	Archetypal Analysis: Mining Weather and Climate Extremes. <i>Journal of Climate</i> , 2017, 30, 6927-6944.	1.2	15
3687	Emerging European winter precipitation pattern linked to atmospheric circulation changes over the North Atlantic region in recent decades. <i>Geophysical Research Letters</i> , 2017, 44, 8557-8566.	1.5	12

#	ARTICLE	IF	CITATIONS
3688	Ocean sea-ice modelling in the Southern Ocean around Indian Antarctic stations. <i>Journal of Earth System Science</i> , 2017, 126, 1.	0.6	3
3689	Intrabasin Variability of East Pacific Tropical Cyclones During ENSO Regulated by Central American Gap Winds. <i>Scientific Reports</i> , 2017, 7, 1658.	1.6	14
3690	The Arctic-Subarctic sea ice system is entering a seasonal regime: Implications for future Arctic amplification. <i>Scientific Reports</i> , 2017, 7, 4618.	1.6	30
3691	Realism of modelled Indian summer monsoon correlation with the tropical Indo-Pacific affects projected monsoon changes. <i>Scientific Reports</i> , 2017, 7, 4929.	1.6	18
3692	The unprecedented 2015/16 Tasman Sea marine heatwave. <i>Nature Communications</i> , 2017, 8, 16101.	5.8	374
3693	Coral disease hotspots in the Caribbean. <i>Ecosphere</i> , 2017, 8, e01814.	1.0	37
3694	On semi-empirical decomposition of multidecadal climate variability into forced and internally generated components. <i>International Journal of Climatology</i> , 2017, 37, 4417-4433.	1.5	19
3695	Measurements and models of the temperature change of water samples in sea-surface temperature buckets. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 2198-2209.	1.0	8
3696	Variability of the date of monsoon onset over Kerala (India) of the period 1870–2014 and its relation to sea surface temperature. <i>Journal of Earth System Science</i> , 2017, 126, 1.	0.6	13
3697	On the cooccurrence of wintertime temperature anomalies over eastern Asia and eastern North America. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6844-6867.	1.2	4
3698	Exploring the combined effects of the Arctic Oscillation and ENSO on the wintertime climate over East Asia using self-organizing maps. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9107-9129.	1.2	15
3699	Temperature and Precipitation Variance in CMIP5 Simulations and Paleoclimate Records of the Last Millennium. <i>Journal of Climate</i> , 2017, 30, 8885-8912.	1.2	33
3700	Are we near the predictability limit of tropical Indo-Pacific sea surface temperatures?. <i>Geophysical Research Letters</i> , 2017, 44, 8520-8529.	1.5	102
3701	Cold season Africa-Asia multidecadal teleconnection pattern and its relation to the Atlantic multidecadal variability. <i>Climate Dynamics</i> , 2017, 48, 3903-3918.	1.7	41
3702	A spatiotemporal analysis of the relationship between near-surface air temperature and satellite land surface temperatures using 17 years of data from the ATSR series. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9185-9210.	1.2	103
3703	The responses of the Hadley circulation to different meridional SST structures in the seasonal cycle. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7785-7799.	1.2	13
3704	Understanding south-east Australian rainfall projection uncertainties: the influence of patterns of projected tropical warming. <i>International Journal of Climatology</i> , 2017, 37, 921-939.	1.5	4
3705	Causes of Interannual and Interdecadal Variations of the Summertime Pacific-Japan-Like Pattern over East Asia. <i>Journal of Climate</i> , 2017, 30, 8845-8864.	1.2	32

#	ARTICLE	IF	CITATIONS
3706	Gasâ€aerosol partitioning of ammonia in biomass burning plumes: Implications for the interpretation of spaceborne observations of ammonia and the radiative forcing of ammonium nitrate. <i>Geophysical Research Letters</i> , 2017, 44, 8084-8093.	1.5	30
3707	Robustness of observationâ€based decadal sea level variability in the Indoâ€Pacific Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 7391-7400.	1.5	18
3708	An interdecadal change in the relationship between the western North Pacific Ocean and the East Asian summer monsoon. <i>Climate Dynamics</i> , 2017, 49, 1139-1156.	1.7	5
3709	Parallel comparison of the 1982/83, 1997/98 and 2015/16 super El NiÃ±os and their effects on the extratropical stratosphere. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1121-1133.	1.9	37
3710	Improved ENSO Forecasting Using Bayesian Updating and the North American Multimodel Ensemble (NMME). <i>Journal of Climate</i> , 2017, 30, 9007-9025.	1.2	20
3711	Atmospheric Dynamic and Thermodynamic Processes Driving the Western North Pacific Anomalous Anticyclone during El NiÃ±o. Part I: Maintenance Mechanisms. <i>Journal of Climate</i> , 2017, 30, 9621-9635.	1.2	114
3712	Atmospheric Dynamic and Thermodynamic Processes Driving the Western North Pacific Anomalous Anticyclone during El NiÃ±o. Part II: Formation Processes. <i>Journal of Climate</i> , 2017, 30, 9637-9650.	1.2	76
3713	Moisture source signals preserved in a 242-year tree-ring $\delta^{18}O$ chronology in the western Himalaya. <i>Global and Planetary Change</i> , 2017, 157, 73-82.	1.6	51
3714	Linking the Tropical Northern Hemisphere Pattern to the Pacific Warm Blob and Atlantic Cold Blob. <i>Journal of Climate</i> , 2017, 30, 9041-9057.	1.2	50
3715	Causes of Enhanced SST Variability over the Equatorial Atlantic and Its Relationship to the Atlantic Zonal Mode in CMIP5. <i>Journal of Climate</i> , 2017, 30, 6171-6182.	1.2	8
3716	On the formation of the South Pacific quadrupole mode. <i>Theoretical and Applied Climatology</i> , 2017, 130, 331-344.	1.3	7
3717	A multi-scale high-resolution analysis of global sea surface temperature. <i>Remote Sensing of Environment</i> , 2017, 200, 154-169.	4.6	213
3718	Sensitivity of the regional climate in the Middle East and North Africa to volcanic perturbations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7922-7948.	1.2	27
3719	Relationship over southern China between the summer rainfall induced by tropical cyclones and that by monsoon. <i>Atmospheric and Oceanic Science Letters</i> , 2017, 10, 96-103.	0.5	11
3720	Comparison of the seasonal evolution of the South Asian high associated with two types of El NiÃ±o event. <i>Atmospheric and Oceanic Science Letters</i> , 2017, 10, 183-190.	0.5	4
3721	Subsurface Nonlinear Dynamical Heating and ENSO Asymmetry. <i>Geophysical Research Letters</i> , 2017, 44, 12,427.	1.5	25
3722	Hadley and Walker circulation anomalies associated with the two types of El NiÃ±o. <i>Russian Meteorology and Hydrology</i> , 2017, 42, 625-634.	0.2	5
3723	A Model and Satelliteâ€Based Analysis of the Tropospheric Ozone Distribution in Clear Versus Convectively Cloudy Conditions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11,948.	1.2	3

#	ARTICLE	IF	CITATIONS
3724	Detecting latitudinal and altitudinal expansion of invasive bamboo <i>Phyllostachys edulis</i> and <i>Phyllostachys bambusoides</i> (Poaceae) in Japan to project potential habitats under 1.5°C–4.0°C global warming. <i>Ecology and Evolution</i> , 2017, 7, 9848-9859.	0.8	42
3725	Revisiting the observed correlation between weekly averaged Indian monsoon precipitation and Arabian Sea aerosol optical depth. <i>Geophysical Research Letters</i> , 2017, 44, 10006-10016.	1.5	20
3726	Simulated contrasting influences of two La Niña Modoki events on aerosol concentrations over eastern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2734-2749.	1.2	22
3727	Strong Dependence of U.S. Summertime Air Quality on the Decadal Variability of Atlantic Sea Surface Temperatures. <i>Geophysical Research Letters</i> , 2017, 44, 12527-12535.	1.5	9
3728	Observation-Based Trends of the Southern Ocean Carbon Sink. <i>Geophysical Research Letters</i> , 2017, 44, 12,339.	1.5	41
3729	Intensified Mega-ENSO Has Increased the Proportion of Intense Tropical Cyclones Over the Western Northwest Pacific Since the Late 1970s. <i>Geophysical Research Letters</i> , 2017, 44, 11,959.	1.5	19
3730	Observed and Simulated Spring and Summer Dryness in the United States: The Impact of the Pacific Sea Surface Temperature and Beyond. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,713.	1.2	24
3731	Impacts of the Tropical Pacific Cold Tongue Mode on ENSO Diversity Under Global Warming. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8524-8542.	1.0	31
3732	Changes to Yucatán Peninsula precipitation associated with salinity and temperature extremes of the Caribbean Sea during the Maya civilization collapse. <i>Scientific Reports</i> , 2017, 7, 15825.	1.6	6
3733	Genesis of Super Cyclone Pam (2015): Modulation of Low-Frequency Large-Scale Circulations and the Madden-Julian Oscillation by Sea Surface Temperature Anomalies. <i>Monthly Weather Review</i> , 2017, 145, 3143-3159.	0.5	9
3734	Enhanced Recent Local Moisture Recycling on the Northwestern Tibetan Plateau Deduced From Ice Core Deuterium Excess Records. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,541.	1.2	39
3735	Nonlinearities in the Evolutional Distinctions Between El Niño and La Niña Types. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9649-9662.	1.0	16
3736	Evaluating Modeled Impact Metrics for Human Health, Agriculture Growth, and Near-Term Climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 13,506.	1.2	5
3737	The Defining Characteristics of ENSO Extremes and the Strong 2015/2016 El Niño. <i>Reviews of Geophysics</i> , 2017, 55, 1079-1129.	9.0	337
3738	Environmental baselines and reconstruction of Atlantic Water inflow in Bjørnøya, SW Barents Sea, since 1800 CE. <i>Marine Environmental Research</i> , 2017, 132, 117-131.	1.1	6
3739	Impacts of hemispheric solar geoengineering on tropical cyclone frequency. <i>Nature Communications</i> , 2017, 8, 1382.	5.8	53
3740	Increasing frequency of extremely severe cyclonic storms over the Arabian Sea. <i>Nature Climate Change</i> , 2017, 7, 885-889.	8.1	132
3741	Half a century of coastal temperature records reveal complex warming trends in western boundary currents. <i>Scientific Reports</i> , 2017, 7, 14527.	1.6	63

#	ARTICLE	IF	CITATIONS
3742	A comparison of the effects of interannual Arctic sea ice loss and ENSO on winter haze days: Observational analyses and AGCM simulations. <i>Journal of Meteorological Research</i> , 2017, 31, 820-833.	0.9	37
3743	Skillful seasonal predictions of winter precipitation over southern China. <i>Environmental Research Letters</i> , 2017, 12, 074021.	2.2	35
3744	Reducing Tropical Cyclone Prediction Errors Using Machine Learning Approaches. <i>Procedia Computer Science</i> , 2017, 114, 314-323.	1.2	22
3745	Improved decadal climate prediction in the North Atlantic using EnOI-assimilated initial condition. <i>Science Bulletin</i> , 2017, 62, 1142-1147.	4.3	9
3746	Multiple Change Point Analysis: Fast Implementation and Strong Consistency. <i>IEEE Transactions on Signal Processing</i> , 2017, 65, 4495-4510.	3.2	13
3747	Hierarchical structures in Northern Hemispheric extratropical winter ocean-atmosphere interactions. <i>International Journal of Climatology</i> , 2017, 37, 3821-3836.	1.5	18
3748	Relationship between Indian and East Asian summer rainfall variations. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 4-15.	1.9	82
3749	Different impact of central Pacific and eastern Pacific El Niño on the duration of sudden stratospheric warming. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 771-782.	1.9	12
3750	Asymmetry of the winter extra-tropical teleconnections in the Northern Hemisphere associated with two types of ENSO. <i>Climate Dynamics</i> , 2017, 48, 2135-2151.	1.7	79
3751	An evaluation of boreal summer intra-seasonal oscillation simulated by BCC_AGCM2.2. <i>Climate Dynamics</i> , 2017, 48, 3409-3423.	1.7	8
3752	Apparent limitations in the ability of CMIP5 climate models to simulate recent multi-decadal change in surface temperature: implications for global temperature projections. <i>Climate Dynamics</i> , 2017, 49, 53-69.	1.7	34
3753	Uncertainty in detecting trend: a new criterion and its applications to global SST. <i>Climate Dynamics</i> , 2017, 49, 2881-2893.	1.7	8
3754	Initialization shock in decadal hindcasts due to errors in wind stress over the tropical Pacific. <i>Climate Dynamics</i> , 2017, 49, 2685-2693.	1.7	14
3755	Possible impacts of spring sea surface temperature anomalies over South Indian Ocean on summer rainfall in Guangdong-Guangxi region of China. <i>Climate Dynamics</i> , 2017, 49, 3075-3090.	1.7	15
3756	Multi-year climate variability in the Southwestern United States within a context of a dynamically downscaled twentieth century reanalysis. <i>Climate Dynamics</i> , 2017, 49, 4217-4236.	1.7	7
3757	Stochastic implications for long-range rainfall predictions. <i>Climate Dynamics</i> , 2017, 49, 4189-4200.	1.7	2
3758	Skillful prediction of northern climate provided by the ocean. <i>Nature Communications</i> , 2017, 8, 15875.	5.8	98
3759	Greening of the Sahara suppressed ENSO activity during the mid-Holocene. <i>Nature Communications</i> , 2017, 8, 16020.	5.8	63

#	ARTICLE	IF	CITATIONS
3760	The Eastern Subtropical Pacific Origin of the Equatorial Cold Bias in Climate Models: A Lagrangian Perspective. <i>Journal of Climate</i> , 2017, 30, 5885-5900.	1.2	28
3761	Forced response and internal variability of summer climate over western North America. <i>Climate Dynamics</i> , 2017, 49, 403-417.	1.7	19
3762	Impact of Different Cumulus Parameterization Schemes in SAUDI-KAU AGCM. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	17
3763	Simulation of modern climate with the new version of the INM RAS climate model. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2017, 53, 142-155.	0.2	40
3764	Connection between the Silk Road Pattern in July and the following January temperature over East Asia. <i>Journal of Meteorological Research</i> , 2017, 31, 378-388.	0.9	4
3765	Physical processes responsible for the interannual variability of sea ice concentration in Arctic in boreal autumn since 1979. <i>Journal of Meteorological Research</i> , 2017, 31, 468-475.	0.9	8
3766	Sensitivity of Sudden Stratospheric Warmings to Previous Stratospheric Conditions. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 2857-2877.	0.6	62
3767	Cloud radiative effects and changes simulated by the Coupled Model Intercomparison Project Phase 5 models. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 859-876.	1.9	1
3768	Nonlinearity modulating intensities and spatial structures of central Pacific and eastern Pacific El Niño events. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 737-756.	1.9	5
3769	Interannual variability of zonal currents in the equatorial Indian Ocean: respective control of IOD and ENSO. <i>Ocean Dynamics</i> , 2017, 67, 857-873.	0.9	14
3770	Modification of the Gravity Wave Parameterization in the Whole Atmosphere Community Climate Model: Motivation and Results. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 275-291.	0.6	180
3771	Douglas-fir radial growth in interior British Columbia can be linked to long-term oscillations in Pacific and Atlantic sea surface temperatures. <i>Canadian Journal of Forest Research</i> , 2017, 47, 371-381.	0.8	6
3772	CMIP5 Projections of Two Types of El Niño and Their Related Tropical Precipitation in the Twenty-First Century. <i>Journal of Climate</i> , 2017, 30, 849-864.	1.2	51
3773	The impact of ENSO and the NAO on extreme winter precipitation in North America in observations and regional climate models. <i>Climate Dynamics</i> , 2017, 48, 1401-1411.	1.7	63
3774	El Niño and Southern Oscillation (ENSO): A Review. <i>Coral Reefs of the World</i> , 2017, , 85-106.	0.3	147
3775	Impacts of Sea Ice Thickness Initialization on Seasonal Arctic Sea Ice Predictions. <i>Journal of Climate</i> , 2017, 30, 1001-1017.	1.2	44
3776	Asymmetry in summertime atmospheric circulation anomalies over the northwest Pacific during decaying phase of El Niño and La Niña. <i>Climate Dynamics</i> , 2017, 49, 2007-2023.	1.7	31
3777	Energy budgets and transports: global evolution and spatial patterns during the twentieth century as estimated in two AMIP-like experiments. <i>Climate Dynamics</i> , 2017, 48, 1793-1812.	1.7	7

#	ARTICLE	IF	CITATIONS
3778	Effect of Yunnanâ€™Guizhou Topography at the Southeastern Tibetan Plateau on the Indian Monsoon. <i>Journal of Climate</i> , 2017, 30, 1259-1272.	1.2	35
3779	Differences in climateâ€™growth relationship indicate diverse drought tolerances among five pine species coexisting in Northwestern Mexico. <i>Trees - Structure and Function</i> , 2017, 31, 531-544.	0.9	42
3780	Sea Surface Temperature Trends in Venice Lagoon and the Adjacent Waters. <i>Journal of Coastal Research</i> , 2017, 332, 385-395.	0.1	10
3781	Extra-tropical origin of equatorial Pacific cold bias in climate models with links to cloud albedo. <i>Climate Dynamics</i> , 2017, 49, 2093-2113.	1.7	42
3782	Multi-species coral Sr/Ca-based sea-surface temperature reconstruction using <i>Orbicella faveolata</i> and <i>Siderastrea siderea</i> from the Florida Straits. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 466, 100-109.	1.0	19
3783	Differences in the Initiation and Development of the Maddenâ€™Julian Oscillation over the Indian Ocean Associated with Two Types of El NiÃ±o. <i>Journal of Climate</i> , 2017, 30, 1397-1415.	1.2	20
3784	Impact of observed North Atlantic multidecadal variations to European summer climate: a linear baroclinic response to surface heating. <i>Climate Dynamics</i> , 2017, 48, 3547-3563.	1.7	62
3785	Indian Ocean and Indian summer monsoon: relationships without ENSO in oceanâ€™atmosphere coupled simulations. <i>Climate Dynamics</i> , 2017, 49, 1429-1448.	1.7	26
3786	The role of low-frequency variation in the manifestation of warming trend and ENSO amplitude. <i>Climate Dynamics</i> , 2017, 49, 1197-1213.	1.7	10
3787	North Pacific decadal variability: insights from a biennial ENSO environment. <i>Climate Dynamics</i> , 2017, 49, 1379-1397.	1.7	6
3788	Causes of Extreme Ridges That Induce California Droughts. <i>Journal of Climate</i> , 2017, 30, 1477-1492.	1.2	66
3789	Potential modulations of pre-monsoon aerosols during El NiÃ±o: impact on Indian summer monsoon. <i>Climate Dynamics</i> , 2017, 49, 2279-2290.	1.7	18
3790	Interannual variation of the Asian-Pacific oscillation. <i>Dynamics of Atmospheres and Oceans</i> , 2017, 77, 17-25.	0.7	6
3791	Influences of surface air temperature and atmospheric circulation on winter snow cover variability over Europe. <i>International Journal of Climatology</i> , 2017, 37, 2606-2619.	1.5	22
3792	Historical ocean reanalyses (1900â€™2010) using different data assimilation strategies. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 479-493.	1.0	34
3793	Indian summer monsoon rainfall variability in response to differences in the decay phase of El NiÃ±o. <i>Climate Dynamics</i> , 2017, 48, 2707-2727.	1.7	65
3794	Seasonal dynamics of vegetation of the central Loess Plateau (China) based on tree rings and their relationship to climatic warming. <i>Environment, Development and Sustainability</i> , 2017, 19, 2535-2546.	2.7	12
3795	Observed and Simulated Fingerprints of Multidecadal Climate Variability and Their Contributions to Periods of Global SST Stagnation. <i>Journal of Climate</i> , 2017, 30, 721-737.	1.2	32

#	ARTICLE	IF	CITATIONS
3796	Roles of tropical SST anomalies in modulating the western north Pacific anomalous cyclone during strong La Niña decaying years. <i>Climate Dynamics</i> , 2017, 49, 633-647.	1.7	37
3797	An assessment of Indian monsoon seasonal forecasts and mechanisms underlying monsoon interannual variability in the Met Office GloSea5-GC2 system. <i>Climate Dynamics</i> , 2017, 48, 1447-1465.	1.7	37
3798	ENSO in the CMIP5 Simulations: Life Cycles, Diversity, and Responses to Climate Change. <i>Journal of Climate</i> , 2017, 30, 775-801.	1.2	93
3799	Relative importance of the processes contributing to the development of SST anomalies in the eastern pole of the Indian Ocean Dipole and its implication for predictability. <i>Climate Dynamics</i> , 2017, 49, 1289-1304.	1.7	24
3800	How distinct are the two flavors of El Niño in retrospective forecasts of Climate Forecast System version 2 (CFSv2)? <i>Climate Dynamics</i> , 2017, 48, 3829-3854.	1.7	25
3801	A database for depicting Arctic sea ice variations back to 1850. <i>Geographical Review</i> , 2017, 107, 89-107.	0.9	151
3802	Long-term changes of South China Sea surface temperatures in winter and summer. <i>Continental Shelf Research</i> , 2017, 143, 185-193.	0.9	11
3803	Ring-widths of the above tree-line shrub <i>Rhododendron</i> reveal the change of minimum winter temperature over the past 211 years in Southwestern China. <i>Climate Dynamics</i> , 2017, 48, 3919-3933.	1.7	20
3804	Data-driven prediction strategies for low-frequency patterns of North Pacific climate variability. <i>Climate Dynamics</i> , 2017, 48, 1855-1872.	1.7	21
3805	The last interglacial climate: comparing direct and indirect impacts of insolation changes. <i>Climate Dynamics</i> , 2017, 48, 3391-3407.	1.7	25
3806	Drivers and potential predictability of summer time North Atlantic polar front jet variability. <i>Climate Dynamics</i> , 2017, 48, 3869-3887.	1.7	32
3807	Simulated decadal modes of the NH atmospheric circulation arising from intra-decadal variability, external forcing and slow-decadal climate processes. <i>Climate Dynamics</i> , 2017, 48, 2635-2652.	1.7	4
3808	Global patterns in the effects of predator declines on sea urchins. <i>Ecography</i> , 2017, 40, 1029-1039.	2.1	23
3809	Changes and variability of precipitation and temperature in the Ganges-Brahmaputra-Meghna River Basin based on global high-resolution reanalyses. <i>International Journal of Climatology</i> , 2017, 37, 2141-2159.	1.5	23
3810	Anomalous convective activity over sub-tropical east Pacific during 2015 and associated boreal summer monsoon teleconnections. <i>Climate Dynamics</i> , 2017, 48, 4081-4091.	1.7	14
3811	Reconstructing North Atlantic marine climate variability using an absolutely-dated sclerochronological network. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 465, 333-346.	1.0	41
3812	Relationship between eastern tropical Pacific cooling and recent trends in the Southern Hemisphere zonal-mean circulation. <i>Climate Dynamics</i> , 2017, 49, 113-129.	1.7	10
3813	Alternative modelling approaches for the <scp>ENSO</scp> time series: persistence and seasonality. <i>International Journal of Climatology</i> , 2017, 37, 2354-2363.	1.5	14

#	ARTICLE	IF	CITATIONS
3814	Genetic diversity and connectivity within <i>Mytilus</i> spp. in the subarctic and Arctic. <i>Evolutionary Applications</i> , 2017, 10, 39-55.	1.5	70
3815	Stochastic Parameterization and El Niño–Southern Oscillation. <i>Journal of Climate</i> , 2017, 30, 17-38.	1.2	49
3816	Lessened response of boreal winter stratospheric polar vortex to El Niño in recent decades. <i>Climate Dynamics</i> , 2017, 49, 263-278.	1.7	27
3817	Spatiotemporal variability of extreme precipitation in Shaanxi province under climate change. <i>Theoretical and Applied Climatology</i> , 2017, 130, 831-845.	1.3	35
3818	A simple approach to quantifying the noise–ENSO interaction. Part II: the role of coupling between the warm pool and equatorial zonal wind anomalies. <i>Climate Dynamics</i> , 2017, 48, 19-37.	1.7	13
3819	Impact of in-consistency between the climate model and its initial conditions on climate prediction. <i>Climate Dynamics</i> , 2017, 49, 1061-1075.	1.7	6
3820	Simulated austral winter response of the Hadley circulation and stationary Rossby wave propagation to a warming climate. <i>Climate Dynamics</i> , 2017, 49, 521-545.	1.7	9
3821	The Role of Tropical Interbasin SST Gradients in Forcing Walker Circulation Trends. <i>Journal of Climate</i> , 2017, 30, 499-508.	1.2	57
3822	Hydrologic and Climatic Responses to Global Anthropogenic Groundwater Extraction. <i>Journal of Climate</i> , 2017, 30, 71-90.	1.2	65
3823	The Resolution Sensitivity of Northern Hemisphere Blocking in Four 25-km Atmospheric Global Circulation Models. <i>Journal of Climate</i> , 2017, 30, 337-358.	1.2	71
3824	ENSO teleconnections to the Indian summer monsoon in observations and models. <i>International Journal of Climatology</i> , 2017, 37, 1794-1813.	1.5	35
3825	Projection of future changes in the frequency of intense tropical cyclones. <i>Climate Dynamics</i> , 2017, 49, 619-632.	1.7	51
3826	A sclerochronological archive for Antarctic coastal waters based on the marine bivalve <i>Yoldia eightsi</i> (Jay, 1839) from the South Orkney Islands. <i>Holocene</i> , 2017, 27, 271-281.	0.9	3
3827	Long-range prediction of Indian summer monsoon rainfall using data mining and statistical approaches. <i>Theoretical and Applied Climatology</i> , 2017, 130, 19-33.	1.3	8
3828	Teleconnections between Ethiopian rainfall variability and global SSTs: observations and methods for model evaluation. <i>Meteorology and Atmospheric Physics</i> , 2017, 129, 173-186.	0.9	69
3829	Secular spring rainfall variability at local scale over Ethiopia: trend and associated dynamics. <i>Theoretical and Applied Climatology</i> , 2017, 130, 91-106.	1.3	6
3830	How strong is the impact of the Indo-ocean dipole on the surface air temperature/sea level pressure anomalies in the Mediterranean region?. <i>Global and Planetary Change</i> , 2017, 151, 101-107.	1.6	6
3831	Observing and Predicting the 2015/16 El Niño. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 1363-1382.	1.7	253

#	ARTICLE	IF	CITATIONS
3832	Contrasting seasonal responses of sulfate aerosols to declining SO ₂ emissions in the Eastern U.S.: Implications for the efficacy of SO ₂ emission controls. <i>Geophysical Research Letters</i> , 2017, 44, 455-464.	1.5	40
3833	Multi-model assessment of linkages between eastern Arctic sea-ice variability and the Euro-Atlantic atmospheric circulation in current climate. <i>Climate Dynamics</i> , 2017, 49, 2407-2429.	1.7	21
3834	Seasonal and decadal forecasts of Atlantic Sea surface temperatures using a linear inverse model. <i>Climate Dynamics</i> , 2017, 49, 1833-1845.	1.7	19
3835	Changing monsoon and midlatitude circulation interactions over the Western Himalayas and possible links to occurrences of extreme precipitation. <i>Climate Dynamics</i> , 2017, 49, 2351-2364.	1.7	59
3836	Impacts of the tropical trans-basin variability on Australian rainfall. <i>Climate Dynamics</i> , 2017, 49, 1617-1629.	1.7	21
3837	The influence of ENSO on South American precipitation: simulation and projection in CMIP5 models. <i>International Journal of Climatology</i> , 2017, 37, 3319-3339.	1.5	22
3838	Prediction of interannual North Atlantic sea surface temperature and its remote influence over land. <i>Climate Dynamics</i> , 2017, 48, 3099-3114.	1.7	15
3839	Remote Linkages to Anomalous Winter Atmospheric Ridging Over the Northeastern Pacific. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,194.	1.2	33
3840	The signature of sea surface temperature anomalies on the dynamics of semiarid grassland productivity. <i>Ecosphere</i> , 2017, 8, e02069.	1.0	27
3841	Contributions of changes in climatology and perturbation and the resulting nonlinearity to regional climate change. <i>Nature Communications</i> , 2017, 8, 2224.	5.8	14
3842	Analyzing the dependence of global cloud feedback on the spatial pattern of sea surface temperature change with a Green's function approach. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 2174-2189.	1.3	103
3843	Using High-Resolution Reanalysis Data to Explore Localized Western North America Hydroclimate Relationships with ENSO. <i>Journal of Climate</i> , 2017, 30, 5395-5417.	1.2	16
3844	How does the SST variability over the western North Atlantic Ocean control Arctic warming over the Barents-Kara Seas?. <i>Environmental Research Letters</i> , 2017, 12, 034021.	2.2	36
3845	Model evidence for low-level cloud feedback driving persistent changes in atmospheric circulation and regional hydroclimate. <i>Geophysical Research Letters</i> , 2017, 44, 428-437.	1.5	24
3846	An Assessment of Drift Correction Alternatives for CMIP5 Decadal Predictions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10,282.	1.2	19
3847	Role of atmosphere-ocean interactions in supermodeling the tropical Pacific climate. <i>Chaos</i> , 2017, 27, 126704.	1.0	4
3848	Long-term impacts of ocean wave-dependent roughness on global climate systems. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 1995-2011.	1.0	19
3849	An observational study of the North Pacific storm-track impact on the midlatitude oceanic front. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6962-6975.	1.2	16

#	ARTICLE	IF	CITATIONS
3850	Analysis of ENSO's response to unforced variability and anthropogenic forcing using CESM. <i>Scientific Reports</i> , 2017, 7, 18047.	1.6	28
3851	A comparison of model ensembles for attributing 2012 West African rainfall. <i>Environmental Research Letters</i> , 2017, 12, 014019.	2.2	5
3852	Estimation of uncertainty in surface air temperature climatic trends related to the internal dynamics of the atmosphere. <i>Doklady Earth Sciences</i> , 2017, 476, 1105-1108.	0.2	8
3853	A single ice approach using varying ice particle properties in global climate model microphysics. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 2138-2157.	1.3	21
3854	Increasing Coupling Between NPGO and PDO Leads to Prolonged Marine Heatwaves in the Northeast Pacific. <i>Geophysical Research Letters</i> , 2017, 44, 11,663.	1.5	58
3855	A Framework to Decompose Wind-Driven Biases in Climate Models Applied to CCSM/CESM in the Eastern Pacific. <i>Journal of Climate</i> , 2017, 30, 8763-8782.	1.2	8
3856	The role of Atlantic overturning circulation in the recent decline of Atlantic major hurricane frequency. <i>Nature Communications</i> , 2017, 8, 1695.	5.8	60
3857	Multi-decadal records of stratospheric composition and their relationship to stratospheric circulation change. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12081-12096.	1.9	9
3858	Impacts of Mt. Pinatubo volcanic aerosol on the tropical stratosphere in chemistry-climate model simulations using CCMI and CMIP6 stratospheric aerosol data. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13139-13150.	1.9	16
3859	Cyclone-induced surface ozone and HDO depletion in the Arctic. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 14955-14974.	1.9	11
3860	Long-Term Warming Trends in Korea and Contribution of Urbanization: An Updated Assessment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10,637.	1.2	27
3861	Decreased Response Contrast of Hadley Circulation to the Equatorially Asymmetric and Symmetric Tropical SST Structures during the Recent Hiatus. <i>Scientific Online Letters on the Atmosphere</i> , 2017, 13, 181-185.	0.6	3
3862	Climatological Relationship between Warm Season Atmospheric Rivers and Heavy Rainfall over East Asia. <i>Journal of the Meteorological Society of Japan</i> , 2017, 95, 411-431.	0.7	56
3863	The relationship between lower-stratospheric ozone at southern high latitudes and sea surface temperature in the East Asian marginal seas in austral spring. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6705-6722.	1.9	11
3864	Biological and Climate Controls on North Atlantic Marine Carbon Dynamics Over the Last Millennium: Insights From an Absolutely Dated Shell-Based Record From the North Icelandic Shelf. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1718-1735.	1.9	15
3865	Attribution of recent ozone changes in the Southern Hemisphere mid-latitudes using statistical analysis and chemistry-climate model simulations. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10495-10513.	1.9	9
3866	Introduction to the SPARC Reanalysis Intercomparison Project (S-RIP) and overview of the reanalysis systems. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 1417-1452.	1.9	276
3867	Understanding severe winter haze events in the North China Plain in 2014: roles of climate anomalies. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 1641-1651.	1.9	104

#	ARTICLE	IF	CITATIONS
3868	Long-term change in the source contribution to surface ozone over Japan. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8231-8246.	1.9	44
3869	Regional Effects of the Mount Pinatubo Eruption on the Middle East and the Red Sea. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8894-8912.	1.0	11
3870	Analogous seasonal evolution of the South Atlantic SST dipole indices. <i>Atmospheric Science Letters</i> , 2017, 18, 396-402.	0.8	22
3871	Influences of spring-to-summer sea surface temperatures over different Indian Ocean domains on the Asian summer monsoon. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 471-487.	1.3	8
3872	A comparison of the structure and dynamics of Global atmospheric oscillation in reality and in the CMIP5 climate models. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 96, 012006.	0.2	0
3873	Tropospheric transport differences between models using the same large-scale meteorological fields. <i>Geophysical Research Letters</i> , 2017, 44, 1068-1078.	1.5	34
3874	Climatic Influences on Southern Makassar Strait Salinity Over the Past Century. <i>Geophysical Research Letters</i> , 2017, 44, 11,967.	1.5	15
3875	Differences in the hydrological cycle and sensitivity between multiscale modeling frameworks with and without a higher-order turbulence closure. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 2120-2137.	1.3	3
3876	Arctic sea ice response to the eruptions of Agung, El Chichón, and Pinatubo. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8071-8078.	1.2	17
3877	Evolving Impacts of Multiyear La Niña Events on Atmospheric Circulation and U.S. Drought. <i>Geophysical Research Letters</i> , 2017, 44, 11,614.	1.5	51
3878	Modulation of Pacific Decadal Oscillation on the relationship of El Niño with southern China rainfall during early boreal winter. <i>Atmospheric Science Letters</i> , 2017, 18, 336-341.	0.8	16
3879	Reconstructing Northeastern United States temperatures using Atlantic white cedar tree rings. <i>Environmental Research Letters</i> , 2017, 12, 114012.	2.2	16
3880	Emulation of long-term changes in global climate: application to the late Pliocene and future. <i>Climate of the Past</i> , 2017, 13, 1539-1571.	1.3	14
3881	Tuning without over-tuning: parametric uncertainty quantification for the NEMO ocean model. <i>Geoscientific Model Development</i> , 2017, 10, 1789-1816.	1.3	45
3882	Sea ice and pollution-modulated changes in Greenland ice core methanesulfonate and bromine. <i>Climate of the Past</i> , 2017, 13, 39-59.	1.3	28
3883	Tropical forcing of increased Southern Ocean climate variability revealed by a 140-year subantarctic temperature reconstruction. <i>Climate of the Past</i> , 2017, 13, 231-248.	1.3	23
3884	Review of the global models used within phase 1 of the Chemistry–Climate Model Initiative (CCMI). <i>Geoscientific Model Development</i> , 2017, 10, 639-671.	1.3	277
3885	Eurasian snow depth in long-term climate reanalyses. <i>Cryosphere</i> , 2017, 11, 923-935.	1.5	33

#	ARTICLE	IF	CITATIONS
3886	Reef-Based Reconstructions of Eastern Pacific Climate Variability. <i>Coral Reefs of the World</i> , 2017, , 535-548.	0.3	3
3887	How much should we believe correlations between Arctic cyclones and sea ice extent?. <i>Cryosphere</i> , 2017, 11, 3023-3034.	1.5	8
3888	Land-Surface Characteristics and Climate in West Africa: Modelsâ€™ Biases and Impacts of Historical Anthropogenically-Induced Deforestation. <i>Sustainability</i> , 2017, 9, 1917.	1.6	18
3889	Future Changes in Global Precipitation Projected by the Atmospheric Model MRI-AGCM3.2H with a 60-km Size. <i>Atmosphere</i> , 2017, 8, 93.	1.0	13
3890	Tropospheric Ozone at Northern Mid-Latitudes: Modeled and Measured Long-Term Changes. <i>Atmosphere</i> , 2017, 8, 163.	1.0	19
3891	Comparative Study of Monsoon Rainfall Variability over India and the Odisha State. <i>Climate</i> , 2017, 5, 79.	1.2	12
3892	Controls of Multiple Stressors on the Black Sea Fishery. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	28
3893	Coral Reef Ecosystems under Climate Change and Ocean Acidification. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	479
3894	A Review of the Tools Used for Marine Monitoring in the UK: Combining Historic and Contemporary Methods with Modeling and Socioeconomics to Fulfill Legislative Needs and Scientific Ambitions. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	59
3895	Assessing crop yield simulations driven by the NARCCAP regional climate models in the southeast United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2549-2558.	1.2	6
3896	Estimating regional climate change uncertainty in Japan at the end of the 21st century with mixture distribution. <i>Hydrological Research Letters</i> , 2017, 11, 65-71.	0.3	5
3897	Role of west Asian surface pressure in summer monsoon onset over central India. <i>Environmental Research Letters</i> , 2017, 12, 074002.	2.2	32
3898	Rapid attribution of the August 2016 flood-inducing extreme precipitation in south Louisiana to climate change. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 897-921.	1.9	136
3899	Saudi-KAU Coupled Global Climate Model: Description and Performance. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	33
3900	Tropical cyclone influence on the long-term variability of Philippine summer monsoon onset. <i>Progress in Earth and Planetary Science</i> , 2017, 4, .	1.1	24
3901	Himalayan glaciers experienced significant mass loss during later phases of little ice age. <i>Scientific Reports</i> , 2017, 7, 10305.	1.6	57
3902	weather@home 2: validation of an improved globalâ€™regional climate modelling system. <i>Geoscientific Model Development</i> , 2017, 10, 1849-1872.	1.3	70
3903	Development and evaluation of a system of proxy data assimilation for paleoclimate reconstruction. <i>Climate of the Past</i> , 2017, 13, 379-393.	1.3	25

#	ARTICLE	IF	CITATIONS
3904	Evaluation of PMIP2 and PMIP3 simulations of mid-Holocene climate in the Indo-Pacific, Australasian and Southern Ocean regions. <i>Climate of the Past</i> , 2017, 13, 1661-1684.	1.3	2
3906	North Atlantic deep water formation and AMOC in CMIP5 models. <i>Ocean Science</i> , 2017, 13, 609-622.	1.3	94
3907	Seasonal forecasting of hydrological drought in the Limpopo Basin: a comparison of statistical methods. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1611-1629.	1.9	38
3908	Simulating natural carbon sequestration in the Southern Ocean: on uncertainties associated with eddy parameterizations and iron deposition. <i>Biogeosciences</i> , 2017, 14, 1561-1576.	1.3	4
3909	Regional and global climate for the mid-Pliocene using the University of Toronto version of CCSM4 and PlioMIP2 boundary conditions. <i>Climate of the Past</i> , 2017, 13, 919-942.	1.3	45
3910	Comparison of two Centennial-scale Sea Surface Temperature Datasets in the Regional Climate Change Studies of the China Seas. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 81, 012077.	0.2	1
3911	Timing and seasonality of the United States "warming hole". <i>Environmental Research Letters</i> , 2017, 12, 034008.	2.2	44
3912	Solar forcing for CMIP6 (v3.2). <i>Geoscientific Model Development</i> , 2017, 10, 2247-2302.	1.3	293
3913	Oceanic response to changes in the WAIS and astronomical forcing during the MIS31 superinterglacial. <i>Climate of the Past</i> , 2017, 13, 1081-1095.	1.3	4
3914	The carbon cycle in the Australian Community Climate and Earth System Simulator (ACCESS-ESM1) "Part 2: Historical" simulations. <i>Geoscientific Model Development</i> , 2017, 10, 2591-2614.	1.3	36
3915	The OMZ and nutrient features as a signature of interannual and low-frequency variability in the Peruvian upwelling system. <i>Biogeosciences</i> , 2017, 14, 4601-4617.	1.3	53
3916	The compact Earth system model OSCAR v2.2: description and first results. <i>Geoscientific Model Development</i> , 2017, 10, 271-319.	1.3	49
3917	Consistency of Modeled and Observed Temperature Trends in the Tropical Troposphere. , 2018, , 85-136.		3
3918	The Little Ice Age was 1.0–1.5 °C cooler than current warm period according to LOD and NAO. <i>Climate Dynamics</i> , 2018, 51, 3957-3968.	1.7	5
3919	Climate Variability, Volcanic Forcing, and Last Millennium Hydroclimate Extremes. <i>Journal of Climate</i> , 2018, 31, 4309-4327.	1.2	47
3920	Different Ways of Framing Event Attribution Questions: The Example of Warm and Wet Winters in the United Kingdom Similar to 2015/16. <i>Journal of Climate</i> , 2018, 31, 4827-4845.	1.2	14
3921	Unraveling Causes for the Changing Behavior of the Tropical Indian Ocean in the Past Few Decades. <i>Journal of Climate</i> , 2018, 31, 2377-2388.	1.2	37
3922	Perspective on the northwestward shift of autumn tropical cyclogenesis locations over the western North Pacific from shifting ENSO. <i>Climate Dynamics</i> , 2018, 51, 2455-2465.	1.7	50

#	ARTICLE	IF	CITATIONS
3923	Decline and poleward shift in Indian summer monsoon synoptic activity in a warming climate. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2681-2686.	3.3	73
3924	Strongly Coupled Data Assimilation Experiments with Linearized Ocean-Atmosphere Balance Relationships. Monthly Weather Review, 2018, 146, 1233-1257.	0.5	11
3925	Revisiting the Pacific Meridional Mode. Scientific Reports, 2018, 8, 3216.	1.6	96
3926	Seasonal Dependence of Coupling between Storm Tracks and Sea Surface Temperature in the Southern Hemisphere Midlatitudes: A Statistical Assessment. Journal of Climate, 2018, 31, 4055-4074.	1.2	11
3927	Causes and Probability of Occurrence of Extreme Precipitation Events like Chennai 2015. Journal of Climate, 2018, 31, 3831-3848.	1.2	21
3928	Improved Representation of Surface Spectral Emissivity in a Global Climate Model and Its Impact on Simulated Climate. Journal of Climate, 2018, 31, 3711-3727.	1.2	24
3929	Impacts of the subarctic frontal zone on the North Pacific storm track in the cold season: an observational study. International Journal of Climatology, 2018, 38, 2554-2564.	1.5	13
3930	Increasing thermal stress for tropical coral reefs: 1871-2017. Scientific Reports, 2018, 8, 6079.	1.6	182
3931	Global warming hiatus contributed to the increased occurrence of intense tropical cyclones in the coastal regions along East Asia. Scientific Reports, 2018, 8, 6023.	1.6	32
3932	Decadal Variability of the Meridional Geostrophic Transport in the Upper Tropical North Pacific Ocean. Journal of Climate, 2018, 31, 5891-5910.	1.2	9
3933	Impact of ENSO on typhoon wind hazard in the coast of southeast China. Natural Hazards, 2018, 92, 1717-1731.	1.6	6
3934	Summer Drivers of Atmospheric Variability Affecting Ice Shelf Thinning in the Amundsen Sea Embayment, West Antarctica. Geophysical Research Letters, 2018, 45, 4124-4133.	1.5	32
3935	Influence of tropical Atlantic sea surface temperature anomalies on the East Asian summer monsoon. Quarterly Journal of the Royal Meteorological Society, 2018, 144, 1490-1500.	1.0	53
3936	The Met Office Global Coupled Model 3.0 and 3.1 (GC3.0 and GC3.1) Configurations. Journal of Advances in Modeling Earth Systems, 2018, 10, 357-380.	1.3	327
3937	Drivers of interannual variability of the <sc>E</sc>ast <sc>A</sc>frican <sc>L</sc>ong <sc>R</sc>ains. Quarterly Journal of the Royal Meteorological Society, 2018, 144, 861-876.	1.0	35
3938	Subseasonal Reversal of East Asian Surface Temperature Variability in Winter 2014/15. Advances in Atmospheric Sciences, 2018, 35, 737-752.	1.9	36
3939	Skilful Seasonal Predictions of Summer European Rainfall. Geophysical Research Letters, 2018, 45, 3246-3254.	1.5	51
3940	Climatic control of Mississippi River flood hazard amplified by river engineering. Nature, 2018, 556, 95-98.	13.7	202

#	ARTICLE	IF	CITATIONS
3941	Historical Trends in pH and Carbonate Biogeochemistry on the Belize Mesoamerican Barrier Reef System. <i>Geophysical Research Letters</i> , 2018, 45, 3228-3237.	1.5	18
3942	Energetic processes regulating the strength of MJO circulation over the Maritime Continent during two types of El Niño. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 112-119.	0.5	8
3943	The Influence of ENSO Flavors on Western North Pacific Tropical Cyclone Activity. <i>Journal of Climate</i> , 2018, 31, 5395-5416.	1.2	80
3944	Greenland blocking index daily series 1851–2015: Analysis of changes in extremes and links with North Atlantic and UK climate variability and change. <i>International Journal of Climatology</i> , 2018, 38, 3546-3564.	1.5	54
3945	Intercomparison of the Extended Reconstructed Sea Surface Temperature v4 and v3b Datasets. <i>Journal of Ocean University of China</i> , 2018, 17, 209-218.	0.6	1
3946	Longer and more frequent marine heatwaves over the past century. <i>Nature Communications</i> , 2018, 9, 1324.	5.8	1,081
3947	Understanding the Interdecadal Variability of East Asian Summer Monsoon Precipitation: Joint Influence of Three Oceanic Signals. <i>Journal of Climate</i> , 2018, 31, 5485-5506.	1.2	116
3948	Observed fingerprint of a weakening Atlantic Ocean overturning circulation. <i>Nature</i> , 2018, 556, 191-196.	13.7	612
3949	How Robust Are the Surface Temperature Fingerprints of the Atlantic Overturning Meridional Circulation on Monthly Time Scales?. <i>Geophysical Research Letters</i> , 2018, 45, 3559-3567.	1.5	10
3950	Predictability of two types of El Niño and their climate impacts in boreal spring to summer in coupled models. <i>Climate Dynamics</i> , 2018, 51, 4555-4571.	1.7	14
3951	Stabilised frequency of extreme positive Indian Ocean Dipole under 1.5°C warming. <i>Nature Communications</i> , 2018, 9, 1419.	5.8	51
3952	Investigating the Uncertainty in Global SST Trends Due to Internal Variations Using an Improved Trend Estimator. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1877-1895.	1.0	5
3953	Unusually warm Indian Ocean sea surface temperatures help to arrest development of El Niño in 2014. <i>Scientific Reports</i> , 2018, 8, 2249.	1.6	20
3954	Severe haze in Hangzhou in winter 2013/14 and associated meteorological anomalies. <i>Dynamics of Atmospheres and Oceans</i> , 2018, 81, 73-83.	0.7	14
3955	Isolating the Liquid Cloud Response to Recent Arctic Sea Ice Variability Using Spaceborne Lidar Observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 473-490.	1.2	63
3956	Summer precipitation anomalies in the low-latitude highlands of China coupled with the subtropical Indian Ocean dipole-like sea surface temperature. <i>Climate Dynamics</i> , 2018, 51, 2773-2791.	1.7	8
3957	What Has Controlled the Poleward Migration of Annual Averaged Location of Tropical Cyclone Lifetime Maximum Intensity Over the Western North Pacific Since 1961?. <i>Geophysical Research Letters</i> , 2018, 45, 1148-1156.	1.5	47
3958	A plausible atmospheric trigger for the 2017 coastal El Niño. <i>International Journal of Climatology</i> , 2018, 38, e1296.	1.5	70

#	ARTICLE	IF	CITATIONS
3959	ENSO Transition from La Niña to El Niño Drives Prolonged Spring Summer Drought over North China. <i>Journal of Climate</i> , 2018, 31, 3509-3523.	1.2	52
3960	Influence of the Pacific Japan Pattern on Indian Summer Monsoon Rainfall. <i>Journal of Climate</i> , 2018, 31, 3943-3958.	1.2	39
3961	The monsoon system: Land-sea breeze or the ITCZ?. <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	108
3962	Pronounced centennial-scale Atlantic Ocean climate variability correlated with Western Hemisphere hydroclimate. <i>Nature Communications</i> , 2018, 9, 392.	5.8	31
3963	Atmospheric Patterns over the Antarctic Peninsula. <i>Journal of Climate</i> , 2018, 31, 3597-3608.	1.2	22
3964	The North Atlantic Ocean Is in a State of Reduced Overturning. <i>Geophysical Research Letters</i> , 2018, 45, 1527-1533.	1.5	263
3965	Asymmetric variations in the tropical ascending branches of Hadley circulations and the associated mechanisms and effects. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 317-333.	1.9	4
3966	Decadal Shift in West China Autumn Precipitation and its Association With Sea Surface Temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 835-847.	1.2	22
3967	Arctic Sea Ice in a 1.5°C Warmer World. <i>Geophysical Research Letters</i> , 2018, 45, 1963-1971.	1.5	70
3968	On the spectral characteristics of the Atlantic multidecadal variability in an ensemble of multi-century simulations. <i>Climate Dynamics</i> , 2018, 51, 3507-3520.	1.7	3
3969	Representation of Extratropical Cyclones, Blocking Anticyclones, and Alpine Circulation Types in Multiple Reanalyses and Model Simulations. <i>Journal of Climate</i> , 2018, 31, 3009-3031.	1.2	28
3970	Multiscale Variability in North American Summer Maximum Temperatures and Modulations from the North Atlantic Simulated by an AGCM. <i>Journal of Climate</i> , 2018, 31, 2549-2562.	1.2	8
3971	Contributions of Greenhouse Gas Forcing and the Southern Annular Mode to Historical Southern Ocean Surface Temperature Trends. <i>Geophysical Research Letters</i> , 2018, 45, 1086-1097.	1.5	36
3972	Big Jump of Record Warm Global Mean Surface Temperature in 2014-2016 Related to Unusually Large Oceanic Heat Releases. <i>Geophysical Research Letters</i> , 2018, 45, 1069-1078.	1.5	45
3973	Uncovering the role of the East Asian jet stream and heterogeneities in atmospheric rivers affecting the western United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 891-896.	3.3	36
3974	Impacts of Broad-Scale Surface Freshening of the Southern Ocean in a Coupled Climate Model. <i>Journal of Climate</i> , 2018, 31, 2613-2632.	1.2	43
3975	ENSO relationship to summer rainfall variability and its potential predictability over Arabian Peninsula region. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	33
3976	Memory Matters: A Case for Granger Causality in Climate Variability Studies. <i>Journal of Climate</i> , 2018, 31, 3289-3300.	1.2	74

#	ARTICLE	IF	CITATIONS
3977	Windâ€“sea surface temperatureâ€“sea ice relationship in the Chukchiâ€“Beaufort Seas during autumn. <i>Environmental Research Letters</i> , 2018, 13, 034008.	2.2	19
3978	The role of Amundsenâ€“Bellingshausen Sea anticyclonic circulation in forcing marine air intrusions into West Antarctica. <i>Climate Dynamics</i> , 2018, 51, 3579-3596.	1.7	12
3979	Decadal Monsoonâ€“ENSO Relationships Reexamined. <i>Geophysical Research Letters</i> , 2018, 45, 2014-2021.	1.5	61
3980	Can climate variability information constrain a hydrological model for an ungauged Costa Rican catchment?. <i>Hydrological Processes</i> , 2018, 32, 830-846.	1.1	11
3981	Was the Cold European Winter of 2009/10 Modified by Anthropogenic Climate Change? An Attribution Study. <i>Journal of Climate</i> , 2018, 31, 3387-3410.	1.2	16
3982	An observational study of the variability of East African rainfall with respect to sea surface temperature and soil moisture. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 384-404.	1.0	38
3983	Efficacy of tendency and linear inverse models to predict southern Peru's rainy season precipitation. <i>International Journal of Climatology</i> , 2018, 38, 2590-2604.	1.5	8
3984	Advancing climate science with knowledge-discovery through data mining. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	9
3985	Dendrochronological analyses and climatic signals of <i>Alchornea triplinervia</i> in subtropical forest of southern Brazil. <i>Austral Ecology</i> , 2018, 43, 385-396.	0.7	11
3986	An evaluation of ENSO dynamics in CMIP simulations in the framework of the recharge oscillator model. <i>Climate Dynamics</i> , 2018, 51, 1753-1771.	1.7	40
3987	East Asian Winter Monsoon Variations and Their Links to Arctic Sea Ice During the Last Millennium, Inferred From Sea Surface Temperatures in the Okinawa Trough. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 61-75.	1.3	9
3988	The KLIWAS North Sea Climatology. Part II: Assessment against Global Reanalyses. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018, 35, 127-145.	0.5	3
3989	Potentially dangerous consequences for biodiversity of solar geoengineering implementation and termination. <i>Nature Ecology and Evolution</i> , 2018, 2, 475-482.	3.4	89
3990	Toward Predicting Changes in the Land Monsoon Rainfall a Decade in Advance. <i>Journal of Climate</i> , 2018, 31, 2699-2714.	1.2	55
3991	A Winter Precipitation Reconstruction (CE 1810â€“2012) in the Southeastern Tibetan Plateau and Its Relationship to Salween River Streamflow Variations. <i>Pure and Applied Geophysics</i> , 2018, 175, 2279-2291.	0.8	11
3992	Attribution of extreme precipitation in the lower reaches of the Yangtze River during May 2016. <i>Environmental Research Letters</i> , 2018, 13, 014015.	2.2	34
3993	Dampened El Niño in the Early and Midâ€“Holocene Due To Insolationâ€“Forced Warming/Deepening of the Thermocline. <i>Geophysical Research Letters</i> , 2018, 45, 316-326.	1.5	42
3994	Predictable and unpredictable modes of seasonal mean precipitation over Northeast China. <i>Climate Dynamics</i> , 2018, 50, 3081-3095.	1.7	11

#	ARTICLE	IF	CITATIONS
3995	Multiple perspectives on the attribution of the extreme European summer of 2012 to climate change. <i>Climate Dynamics</i> , 2018, 50, 3537-3555.	1.7	15
3996	Pacific-North American teleconnection and North Pacific Oscillation: historical simulation and future projection in CMIP5 models. <i>Climate Dynamics</i> , 2018, 50, 4379-4403.	1.7	43
3997	Impact of dynamical regionalization on precipitation biases and teleconnections over West Africa. <i>Climate Dynamics</i> , 2018, 50, 4481-4506.	1.7	10
3998	Asian droughts in the last millennium: a search for robust impacts of Pacific Ocean surface temperature variabilities. <i>Climate Dynamics</i> , 2018, 50, 4671-4689.	1.7	19
3999	Early summer southern China rainfall variability and its oceanic drivers. <i>Climate Dynamics</i> , 2018, 50, 4691-4705.	1.7	34
4000	Inter comparison of Tropical Indian Ocean features in different ocean reanalysis products. <i>Climate Dynamics</i> , 2018, 51, 119-141.	1.7	30
4001	Potential predictability and actual skill of Boreal Summer Tropical SST and Indian summer monsoon rainfall in CFSv2-T382: Role of initial SST and teleconnections. <i>Climate Dynamics</i> , 2018, 51, 493-510.	1.7	18
4002	The connection between the second leading mode of the winter North Pacific sea surface temperature anomalies and stratospheric sudden warming events. <i>Climate Dynamics</i> , 2018, 51, 581-595.	1.7	22
4003	Comparison of climate signals obtained from encrusting and free-living rhodolith coralline algae. <i>Chemical Geology</i> , 2018, 476, 418-428.	1.4	13
4004	Imbalanced classification techniques for monsoon forecasting based on a new climatic time series. <i>Environmental Modelling and Software</i> , 2018, 106, 48-56.	1.9	13
4005	Dominant Role of Atlantic Multidecadal Oscillation in the Recent Decadal Changes in Western North Pacific Tropical Cyclone Activity. <i>Geophysical Research Letters</i> , 2018, 45, 354-362.	1.5	75
4006	Drivers of 2016 record Arctic warmth assessed using climate simulations subjected to Factual and Counterfactual forcing. <i>Weather and Climate Extremes</i> , 2018, 19, 1-9.	1.6	18
4007	A Robust Null Hypothesis for the Potential Causes of Megadrought in Western North America. <i>Journal of Climate</i> , 2018, 31, 3-24.	1.2	47
4008	Increased Eddy Activity in the Northeastern Pacific during 1993-2011. <i>Journal of Climate</i> , 2018, 31, 387-399.	1.2	13
4009	Synchronous multi-decadal climate variability of the whole Pacific areas revealed in tree rings since 1567. <i>Environmental Research Letters</i> , 2018, 13, 024016.	2.2	17
4010	Interannual Variability of Regional Hadley Circulation Intensity Over Western Pacific During Boreal Winter and Its Climatic Impact Over Asia-Australia Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 344-366.	1.2	31
4011	Relevance of Indian Summer Monsoon and its Tropical Indo-Pacific Climate Drivers for the Kharif Crop Production. <i>Pure and Applied Geophysics</i> , 2018, 175, 2307-2322.	0.8	9
4012	The connection between the Atlantic multidecadal oscillation and the Indian summer monsoon in CMIP5 models. <i>Climate Dynamics</i> , 2018, 51, 3023-3039.	1.7	24

#	ARTICLE	IF	CITATIONS
4013	Observational evidence of European summer weather patterns predictable from spring. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 59-63.	3.3	42
4014	A machine-learning approach to forecasting remotely sensed vegetation health. International Journal of Remote Sensing, 2018, 39, 1800-1816.	1.3	33
4015	Breakdown of the Relationship between Australian Summer Rainfall and ENSO Caused by Tropical Indian Ocean SST Warming. Journal of Climate, 2018, 31, 2321-2336.	1.2	23
4016	Variability of the mixed layer depth and the ocean surface properties in the Cape Ghir region, Morocco for the period 2002-2014. Modeling Earth Systems and Environment, 2018, 4, 151-160.	1.9	6
4017	Distinctive role of ocean advection anomalies in the development of the extreme 2015-16 El Niño. Climate Dynamics, 2018, 51, 2191-2208.	1.7	14
4018	Potential impact of the Pacific Decadal Oscillation and sea surface temperature in the tropical Indian Ocean-Western Pacific on the variability of typhoon landfall on the China coast. Climate Dynamics, 2018, 51, 2695-2705.	1.7	37
4019	East Asian winter monsoon forecasting schemes based on the NCEP's climate forecast system. Climate Dynamics, 2018, 51, 2793-2805.	1.7	20
4020	Autumn Cooling of Western East Antarctica Linked to the Tropical Pacific. Journal of Geophysical Research D: Atmospheres, 2018, 123, 89-107.	1.2	21
4021	Cocos (Keeling) Corals Reveal 200 Years of Multidecadal Modulation of Southeast Indian Ocean Hydrology by Indonesian Throughflow. Paleoceanography and Paleoclimatology, 2018, 33, 48-60.	1.3	19
4022	The influence of the Pacific Decadal Oscillation on North Central China precipitation during boreal autumn. International Journal of Climatology, 2018, 38, e821.	1.5	23
4023	Cross-Scale Precipitation Variability in a Semiarid Catchment Area on the Western Slopes of the Central Andes. Journal of Applied Meteorology and Climatology, 2018, 57, 675-694.	0.6	8
4024	Impact of South Pacific Subtropical Dipole Mode on the Equatorial Pacific. Journal of Climate, 2018, 31, 2197-2216.	1.2	7
4025	ENSO and Sea Surface Temperature Anomalies in Association with Canadian Wheat Yield Variability. Atmosphere - Ocean, 2018, 56, 28-39.	0.6	5
4026	Relationship between the North Pacific Gyre Oscillation and the onset of stratospheric final warming in the northern Hemisphere. Climate Dynamics, 2018, 51, 3061-3075.	1.7	15
4027	The Influence of Eurasian Snow Extent on the Northern Extratropical Stratosphere in a QBO Resolving Model. Journal of Geophysical Research D: Atmospheres, 2018, 123, 315-328.	1.2	13
4028	North Atlantic circulation indices: links with summer and winter UK temperature and precipitation and implications for seasonal forecasting. International Journal of Climatology, 2018, 38, e660.	1.5	48
4029	Impact of the North Pacific subtropical sea surface temperature front on El Niño-Southern Oscillation. International Journal of Climatology, 2018, 38, e729.	1.5	5
4030	Spatial and temporal patterns of mass bleaching of corals in the Anthropocene. Science, 2018, 359, 80-83.	6.0	1,515

#	ARTICLE	IF	CITATIONS
4031	Global-scale abrupt climate events and black swans: an ice-core-derived palaeoclimate perspective from Earth's highest mountains. <i>Geological Society Special Publication</i> , 2018, 462, 7-22.	0.8	3
4032	On the Choice of Ensemble Mean for Estimating the Forced Signal in the Presence of Internal Variability. <i>Journal of Climate</i> , 2018, 31, 5681-5693.	1.2	48
4033	East Asian Winter Monsoon Impacts the ENSO-related Teleconnections and North American Seasonal Air Temperature Prediction. <i>Scientific Reports</i> , 2018, 8, 6547.	1.6	30
4034	Recent Rapid Decline of the Arctic Winter Sea Ice in the Barentsâ€“Kara Seas Owing to Combined Effects of the Ural Blocking and SST. <i>Journal of Meteorological Research</i> , 2018, 32, 191-202.	0.9	6
4035	A Comparison of the Response of the Hadley Circulation to Different Tropical SST Meridional Structures During the Equinox Seasons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2591-2604.	1.2	12
4036	Flow dependent ensemble spread in seasonal forecasts of the boreal winter extratropics. <i>Atmospheric Science Letters</i> , 2018, 19, e815.	0.8	5
4037	Decadal prediction skill of BCCâ€“CSM1.1 climate model in East Asia. <i>International Journal of Climatology</i> , 2018, 38, 584-592.	1.5	19
4038	Atmospheric Circulation Patterns over East Asia and Their Connection with Summer Precipitation and Surface Air Temperature in Eastern China during 1961â€“2013. <i>Journal of Meteorological Research</i> , 2018, 32, 203-218.	0.9	17
4039	Interdecadal Changes in the Leading Ocean Forcing of Sahelian Rainfall Interannual Variability: Atmospheric Dynamics and Role of Multidecadal SST Background. <i>Journal of Climate</i> , 2018, 31, 6687-6710.	1.2	32
4040	Upgrade of the HadGEM3-A based attribution system to high resolution and a new validation framework for probabilistic event attribution. <i>Weather and Climate Extremes</i> , 2018, 20, 9-32.	1.6	53
4041	Increasing occurrence of cold and warm extremes during the recent global warming slowdown. <i>Nature Communications</i> , 2018, 9, 1724.	5.8	165
4042	Meridional Modes and Increasing Pacific Decadal Variability Under Anthropogenic Forcing. <i>Geophysical Research Letters</i> , 2018, 45, 983-991.	1.5	62
4043	EnOIâ€“IAU Initialization Scheme Designed for Decadal Climate Prediction System IAPâ€“DecPreS. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 342-356.	1.3	22
4044	Interdecadal variability of the ENSO teleconnection to the wintertime North Pacific. <i>Climate Dynamics</i> , 2018, 51, 3333-3350.	1.7	24
4046	Nonlinear Meridional Moisture Advection and the <scp>ENSO</scp>â€“Southern China Rainfall Teleconnection. <i>Geophysical Research Letters</i> , 2018, 45, 4353-4360.	1.5	18
4047	A nonstationary peaks-over-threshold approach for modelling daily precipitation with covariate-dependent thresholds. <i>Canadian Water Resources Journal</i> , 2018, 43, 281-304.	0.5	6
4048	Twentieth-century Pacific Decadal Oscillation simulated by CMIP5 coupled models. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 94-101.	0.5	15
4049	Increasing persistent haze in Beijing: potential impacts of weakening East Asian winter monsoons associated with northwestern Pacific sea surface temperature trends. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3173-3183.	1.9	75

#	ARTICLE	IF	CITATIONS
4050	The effect of the quasi-biennial oscillation on the Madden-Julian oscillation in the Met Office Unified Model Global Ocean Mixed Layer configuration. <i>Atmospheric Science Letters</i> , 2018, 19, e816.	0.8	27
4051	Prospects and Caveats of Weighting Climate Models for Summer Maximum Temperature Projections Over North America. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4509-4526.	1.2	72
4052	Skillful prediction of hot temperature extremes over the source region of ancient Silk Road. <i>Scientific Reports</i> , 2018, 8, 6677.	1.6	7
4053	Increased Frequency of Summer Extreme Heat Waves over Texas Area Tied to the Amplification of Pacific Zonal SST Gradient. <i>Journal of Climate</i> , 2018, 31, 5629-5647.	1.2	30
4054	Twentieth-Century Climate Change over Africa: Seasonal Hydroclimate Trends and Sahara Desert Expansion. <i>Journal of Climate</i> , 2018, 31, 3349-3370.	1.2	105
4055	Impacts of early autumn Arctic sea ice concentration on subsequent spring Eurasian surface air temperature variations. <i>Climate Dynamics</i> , 2018, 51, 2523-2542.	1.7	53
4056	Antarctic Summer Sea Ice Trend in the Context of High-Latitude Atmospheric Circulation Changes. <i>Journal of Climate</i> , 2018, 31, 3909-3920.	1.2	10
4057	The sea surface temperature configuration of Greenland Sea subpolar region of North Atlantic and the summer rainfall anomaly in low-latitude highlands of China. <i>International Journal of Climatology</i> , 2018, 38, 3082-3089.	1.5	11
4058	Tree ring responses to climate variability of xerophytic thickets from South Soalara, Madagascar. <i>Dendrochronologia</i> , 2018, 49, 57-67.	1.0	17
4059	Increased risk of a shutdown of ocean convection posed by warm North Atlantic summers. <i>Nature Climate Change</i> , 2018, 8, 300-304.	8.1	22
4060	Can Barents Sea Ice Decline in Spring Enhance Summer Hot Drought Events over Northeastern China?. <i>Journal of Climate</i> , 2018, 31, 4705-4725.	1.2	98
4061	Relations between salinity in the northwestern Bering Sea, the Bering Strait throughflow and sea surface height in the Arctic Ocean. <i>Journal of Oceanography</i> , 2018, 74, 239-261.	0.7	6
4062	Origins of the Decadal Predictability of East Asian Land Summer Monsoon Rainfall. <i>Journal of Climate</i> , 2018, 31, 6229-6243.	1.2	16
4063	Evaluating SST Analyses with Independent Ocean Profile Observations. <i>Journal of Climate</i> , 2018, 31, 5015-5030.	1.2	46
4064	Potential predictability and forecast skill in ensemble climate forecast: a skill-persistence rule. <i>Climate Dynamics</i> , 2018, 51, 2725-2742.	1.7	10
4065	Interannual and long term variability of low level jetstream of the Asian summer monsoon. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 70, 1445380.	0.8	20
4066	Teleconnection between sea ice in the Barents Sea in June and the Silk Road, Pacific-Japan and East Asian rainfall patterns in August. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 52-64.	1.9	65
4067	Precursor role of winter sea-ice in the Labrador Sea for following-spring precipitation over southeastern North America and western Europe. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 65-74.	1.9	3

#	ARTICLE	IF	CITATIONS
4068	Gulf Stream Excursions and Sectional Detachments Generate the Decadal Pulses in the Atlantic Multidecadal Oscillation. <i>Journal of Climate</i> , 2018, 31, 2853-2870.	1.2	33
4069	Impact of atmospheric model resolution on simulation of ENSO feedback processes: a coupled model study. <i>Climate Dynamics</i> , 2018, 51, 3077-3092.	1.7	10
4070	The contributions of local and remote atmospheric moisture fluxes to East Asian precipitation and its variability. <i>Climate Dynamics</i> , 2018, 51, 4139-4156.	1.7	45
4071	Does Extreme El Niño Have a Different Effect on the Stratosphere in Boreal Winter Than Its Moderate Counterpart?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3071-3086.	1.2	17
4072	Causes of the active typhoon season in 2016 following a strong El Niño with a comparison to 1998. <i>International Journal of Climatology</i> , 2018, 38, e1107.	1.5	16
4073	Relative role of pre-monsoon conditions and intraseasonal oscillations in determining early-vs-late Indian monsoon intensity in a GCM. <i>Theoretical and Applied Climatology</i> , 2018, 131, 319-333.	1.3	4
4074	Feedback process responsible for the suppression of ENSO activity during the mid-Holocene. <i>Theoretical and Applied Climatology</i> , 2018, 132, 779-790.	1.3	12
4075	Reproductive physiology, temperature and biogeography: the role of fertilization in determining the distribution of the barnacle <i>Semibalanus balanoides</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 1411-1424.	0.4	11
4076	On the shortening of Indian summer monsoon season in a warming scenario. <i>Climate Dynamics</i> , 2018, 50, 1609-1624.	1.7	25
4077	Interannual tropical Pacific sea surface temperature anomalies teleconnection to Northern Hemisphere atmosphere in November. <i>Climate Dynamics</i> , 2018, 50, 1881-1899.	1.7	24
4078	Future changes in peak river flows across northern Eurasia as inferred from an ensemble of regional climate projections under the IPCC RCP8.5 scenario. <i>Climate Dynamics</i> , 2018, 50, 215-230.	1.7	49
4079	Remote impact of North Atlantic sea surface temperature on rainfall in southwestern China during boreal spring. <i>Climate Dynamics</i> , 2018, 50, 541-553.	1.7	28
4080	Observed modes of sea surface temperature variability in the South Pacific region. <i>Climate Dynamics</i> , 2018, 50, 1129-1143.	1.7	12
4081	Southern Indian Ocean SST as a modulator for the progression of Indian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2018, 131, 705-717.	1.3	7
4082	Decadal prediction of the North Atlantic subpolar gyre in the HiGEM high-resolution climate model. <i>Climate Dynamics</i> , 2018, 50, 921-937.	1.7	30
4083	Simple physical-empirical model of the precipitation distribution based on a tropical sea surface temperature threshold and the effects of climate change. <i>Climate Dynamics</i> , 2018, 50, 2217-2237.	1.7	11
4084	Bridging AIC and BIC: A New Criterion for Autoregression. <i>IEEE Transactions on Information Theory</i> , 2018, 64, 4024-4043.	1.5	51
4085	A comparison of modes of upwelling-favorable wind variability in the Benguela and California current ecosystems. <i>Journal of Marine Systems</i> , 2018, 188, 17-26.	0.9	5

#	ARTICLE	IF	CITATIONS
4086	<sc>ENSO</sc> and the recent warming of the Indian Ocean. International Journal of Climatology, 2018, 38, 203-214.	1.5	23
4087	The Asianâ€“Beringâ€“North American teleconnection: seasonality, maintenance, and climate impact on North America. Climate Dynamics, 2018, 50, 2023-2038.	1.7	30
4088	Model under-representation of decadal Pacific trade wind trends and its link to tropical Atlantic bias. Climate Dynamics, 2018, 50, 1471-1484.	1.7	41
4089	An aftereffect of global warming on tropical Pacific decadal variability. Journal of Oceanology and Limnology, 2018, 36, 193-204.	0.6	1
4090	Seasonal ENSO phase locking in the Kiel Climate Model: The importance of the equatorial cold sea surface temperature bias. Climate Dynamics, 2018, 50, 901-919.	1.7	35
4091	Is There Evidence of Changes in Tropical Atlantic Variability Modes under AMO Phases in the Observational Record?. Journal of Climate, 2018, 31, 515-536.	1.2	72
4092	A new index for identifying different types of El NiÃ±o Modoki events. Climate Dynamics, 2018, 50, 2753-2765.	1.7	34
4093	Future changes in precipitation over East Asia projected by the global atmospheric model MRI-AGCM3.2. Climate Dynamics, 2018, 51, 4601-4617.	1.7	21
4094	Automated parameter tuning applied to sea ice in a global climate model. Climate Dynamics, 2018, 50, 51-65.	1.7	8
4095	The effects of the Indo-Pacific warm pool on the stratosphere. Climate Dynamics, 2018, 51, 4043-4064.	1.7	18
4096	Extreme subsurface warm events in the South China Sea during 1998/99 and 2006/07: observations and mechanisms. Climate Dynamics, 2018, 50, 115-128.	1.7	32
4097	Variability of the extent of the Hadley circulation in the southern hemisphere: a regional perspective. Climate Dynamics, 2018, 50, 129-142.	1.7	52
4098	Impacts of the Pacific Meridional Mode on Landfalling North Atlantic tropical cyclones. Climate Dynamics, 2018, 50, 991-1006.	1.7	8
4099	Impacts of the global sea surface temperature anomaly on the evolution of circulation and precipitation in East Asia on a quasi-quadrennial cycle. Climate Dynamics, 2018, 51, 4077-4094.	1.7	12
4100	May common model biases reduce CMIP5â€™s ability to simulate the recent Pacific La NiÃ±a-like cooling?. Climate Dynamics, 2018, 50, 1335-1351.	1.7	75
4101	Uncertainty of global summer precipitation in the CMIP5 models: a comparison between high-resolution and low-resolution models. Theoretical and Applied Climatology, 2018, 132, 55-69.	1.3	28
4102	Diversity in the representation of large-scale circulation associated with ENSO-Indian summer monsoon teleconnections in CMIP5 models. Theoretical and Applied Climatology, 2018, 132, 465-478.	1.3	18
4103	Linkages between the South and East Asian summer monsoons: a review and revisit. Climate Dynamics, 2018, 51, 4207-4227.	1.7	43

#	ARTICLE	IF	CITATIONS
4104	On the nonlinearity of spatial scales in extreme weather attribution statements. <i>Climate Dynamics</i> , 2018, 50, 2739-2752.	1.7	25
4105	The Chennai extreme rainfall event in 2015: The Bay of Bengal connection. <i>Climate Dynamics</i> , 2018, 50, 2867-2879.	1.7	32
4106	Statistical link between external climate forcings and modes of ocean variability. <i>Climate Dynamics</i> , 2018, 50, 3649-3670.	1.7	10
4107	Evaluating Climate Models with an African Lens. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 313-336.	1.7	71
4108	Dynamical and thermodynamical coupling between the North Atlantic subtropical high and the marine boundary layer clouds in boreal summer. <i>Climate Dynamics</i> , 2018, 50, 2457-2469.	1.7	8
4109	Role of the meridional dipole of SSTA and associated cross-equatorial flow in the tropical eastern Pacific in terminating the 2014 El Niño development. <i>Climate Dynamics</i> , 2018, 50, 1625-1638.	1.7	18
4110	Understanding Rossby wave trains forced by the Indian Ocean Dipole. <i>Climate Dynamics</i> , 2018, 50, 2783-2798.	1.7	48
4111	Mean-state dependence of ENSO atmospheric feedbacks in climate models. <i>Climate Dynamics</i> , 2018, 50, 3171-3194.	1.7	79
4112	Low-Frequency North Atlantic Climate Variability in the Community Earth System Model Large Ensemble. <i>Journal of Climate</i> , 2018, 31, 787-813.	1.2	86
4113	A comprehensive analysis of coherent rainfall patterns in China and potential drivers. Part I: Interannual variability. <i>Climate Dynamics</i> , 2018, 50, 4405-4424.	1.7	25
4114	Modulation of the MJO intensity over the equatorial western Pacific by two types of El Niño. <i>Climate Dynamics</i> , 2018, 51, 687-700.	1.7	30
4115	Possible mechanisms for four regimes associated with cold events over East Asia. <i>Climate Dynamics</i> , 2018, 51, 35-56.	1.7	25
4116	Intensified impact of North Atlantic Oscillation in May on subsequent July Asian inland plateau precipitation since the late 1970s. <i>International Journal of Climatology</i> , 2018, 38, 2605-2612.	1.5	14
4117	Intrinsic precursors and timescale of the tropical Indian Ocean Dipole: insights from partially decoupled numerical experiment. <i>Climate Dynamics</i> , 2018, 51, 1311-1332.	1.7	20
4118	Indo-Pacific Variability on Seasonal to Multidecadal Time Scales. Part II: Multiscale Atmosphere-Ocean Linkages. <i>Journal of Climate</i> , 2018, 31, 693-725.	1.2	9
4119	Time-varying relationships among oceanic and atmospheric modes: A turning point at around 1940. <i>Quaternary International</i> , 2018, 487, 12-25.	0.7	6
4120	Latitudinal variation in summer monsoon rainfall over Western Ghat of India and its association with global sea surface temperatures. <i>Science of the Total Environment</i> , 2018, 613-614, 88-97.	3.9	25
4121	The Recent Atlantic Cold Anomaly: Causes, Consequences, and Related Phenomena. <i>Annual Review of Marine Science</i> , 2018, 10, 475-501.	5.1	82

#	ARTICLE	IF	CITATIONS
4122	Subseasonal shift in tropical cyclone genesis over the western North Pacific in 2013. <i>Climate Dynamics</i> , 2018, 51, 4451-4467.	1.7	7
4123	Cause of interdecadal change of tropical cyclone controlling parameter in the western North Pacific. <i>Climate Dynamics</i> , 2018, 51, 719-732.	1.7	8
4124	Origin of Indian summer monsoon rainfall biases in CMIP5 multimodel ensemble. <i>Climate Dynamics</i> , 2018, 51, 755-768.	1.7	32
4125	Large-Scale Circulation Anomalies and Intraseasonal Oscillations Associated with Long-Lived Extreme Heat Events in South China. <i>Journal of Climate</i> , 2018, 31, 213-232.	1.2	40
4126	Role of Pacific trade winds in driving ocean temperatures during the recent slowdown and projections under a wind trend reversal. <i>Climate Dynamics</i> , 2018, 51, 321-336.	1.7	27
4127	Rainfall along the coast of Peru during strong El Niño events. <i>International Journal of Climatology</i> , 2018, 38, 1737-1747.	1.5	28
4128	A decline in primary production in the North Sea over 25 years, associated with reductions in zooplankton abundance and fish stock recruitment. <i>Global Change Biology</i> , 2018, 24, e352-e364.	4.2	171
4129	Revisiting the Leading Drivers of Pacific Coastal Drought Variability in the Contiguous United States. <i>Journal of Climate</i> , 2018, 31, 25-43.	1.2	27
4130	Interannual Variations of the First Rainy Season Precipitation over South China. <i>Journal of Climate</i> , 2018, 31, 623-640.	1.2	56
4131	The dependence on atmospheric resolution of ENSO and related East Asian-western North Pacific summer climate variability in a coupled model. <i>Theoretical and Applied Climatology</i> , 2018, 133, 1207-1217.	1.3	5
4132	Teleconnection of atmospheric and oceanic climate anomalies with Australian weather patterns: a review of data availability. <i>Earth-Science Reviews</i> , 2018, 176, 117-146.	4.0	10
4133	Predictability of summer extreme precipitation days over eastern China. <i>Climate Dynamics</i> , 2018, 51, 4543-4554.	1.7	46
4134	Projecting present and future habitat suitability of ship-mediated aquatic invasive species in the Canadian Arctic. <i>Biological Invasions</i> , 2018, 20, 501-517.	1.2	66
4135	Year-to-year variability of surface air temperature over China in winter. <i>International Journal of Climatology</i> , 2018, 38, 1692-1705.	1.5	11
4136	Covariability of Central America/Mexico winter precipitation and tropical sea surface temperatures. <i>Climate Dynamics</i> , 2018, 50, 4335-4346.	1.7	8
4137	Comparison of the effect of land-sea thermal contrast on interdecadal variations in winter and summer blockings. <i>Climate Dynamics</i> , 2018, 51, 1275-1294.	1.7	10
4138	Eastern Venezuela coastal upwelling in context of regional weather and climate variability. <i>Regional Studies in Marine Science</i> , 2018, 18, 219-228.	0.4	6
4139	Intensified influence of the ENSO Modoki on boreal summer tropical cyclone genesis over the western North Pacific since the early 1990s. <i>International Journal of Climatology</i> , 2018, 38, e1258.	1.5	29

#	ARTICLE	IF	CITATIONS
4140	Connecting ENSO-related climatic variations with a long-term crop supply data to enhance agro-meteorological capability of Tongan stakeholders. <i>International Journal of Climatology</i> , 2018, 38, e18.	1.5	1
4141	Causes of skill in seasonal predictions of the Arctic Oscillation. <i>Climate Dynamics</i> , 2018, 51, 2397-2411.	1.7	15
4142	Modulation of ENSO evolution by strong tropical volcanic eruptions. <i>Climate Dynamics</i> , 2018, 51, 2433-2453.	1.7	25
4143	Relative contributions of external SST forcing and internal atmospheric variability to July–August heat waves over the Yangtze River valley. <i>Climate Dynamics</i> , 2018, 51, 4403-4419.	1.7	53
4144	Sea-ice cover timing in the Pacific Arctic: The present and projections to mid-century by selected CMIP5 models. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 152, 22-34.	0.6	62
4145	Decrease of tropical cyclone genesis frequency in the western North Pacific since 1960s. <i>Dynamics of Atmospheres and Oceans</i> , 2018, 81, 42-50.	0.7	20
4146	A hybrid downscaling model for winter temperature over northeast China. <i>International Journal of Climatology</i> , 2018, 38, e349.	1.5	14
4147	Impact of Two Types of El Niño on Tropical Cyclones over the Western North Pacific: Sensitivity to Location and Intensity of Pacific Warming. <i>Journal of Climate</i> , 2018, 31, 1725-1742.	1.2	44
4148	Influence of the South Pacific decadal variability on Southeast China rainfall during boreal autumn. <i>International Journal of Climatology</i> , 2018, 38, e209.	1.5	1
4149	Influence of two types of ENSO events on tropical cyclones in the western North Pacific during the subsequent year: asymmetric response. <i>Climate Dynamics</i> , 2018, 51, 2637-2655.	1.7	4
4150	Remote SST forcing on Indian summer monsoon extreme years in AGCM experiments. <i>International Journal of Climatology</i> , 2018, 38, e160.	1.5	3
4151	Indo-Pacific climate during the decaying phase of the 2015/16 El Niño: role of southeast tropical Indian Ocean warming. <i>Climate Dynamics</i> , 2018, 50, 4707-4719.	1.7	22
4152	Atlantic Multidecadal Oscillation footprint on global high cloud cover. <i>Theoretical and Applied Climatology</i> , 2018, 134, 1245-1256.	1.3	8
4153	Prediction of atmospheric rivers over the North Pacific and its connection to ENSO in the North American multi-model ensemble (NMME). <i>Climate Dynamics</i> , 2018, 51, 1623-1637.	1.7	19
4154	Origin of the warm eastern tropical Atlantic SST bias in a climate model. <i>Climate Dynamics</i> , 2018, 51, 1819-1840.	1.7	32
4155	Influences of sea surface temperature in the tropical Pacific and Indian Oceans on tropical cyclone genesis over the western North Pacific in May. <i>Climate Dynamics</i> , 2018, 51, 1915-1926.	1.7	9
4156	ENSO Effects on Annual Variations of Summer Precipitation Stable Isotopes in Lhasa, Southern Tibetan Plateau. <i>Journal of Climate</i> , 2018, 31, 1173-1182.	1.2	44
4157	Influence of decadal sea surface temperature variability on northern Brazil rainfall in CMIP5 simulations. <i>Climate Dynamics</i> , 2018, 51, 563-579.	1.7	35

#	ARTICLE	IF	CITATIONS
4158	Annual global mean temperature explains reproductive success in a marine vertebrate from 1955 to 2010. <i>Global Change Biology</i> , 2018, 24, 1599-1613.	4.2	16
4159	Changes in global vegetation activity and its driving factors during 1982–2013. <i>Agricultural and Forest Meteorology</i> , 2018, 249, 198-209.	1.9	151
4160	Contributions of Interdecadal Pacific Oscillation and Atlantic Multidecadal Oscillation to Global Ocean Heat Content Distribution. <i>Journal of Climate</i> , 2018, 31, 1227-1244.	1.2	21
4161	Time dependency of the prediction skill for the North Atlantic subpolar gyre in initialized decadal hindcasts. <i>Climate Dynamics</i> , 2018, 51, 1947-1970.	1.7	20
4162	Indian Ocean warming during peak El Niño cools surrounding land masses. <i>Climate Dynamics</i> , 2018, 51, 2097-2112.	1.7	3
4163	Nonlinear reconstruction of global climate leading modes on decadal scales. <i>Climate Dynamics</i> , 2018, 51, 2301-2310.	1.7	12
4164	Distinct winter patterns of tropical Pacific convection anomaly and the associated extratropical wave trains in the Northern Hemisphere. <i>Climate Dynamics</i> , 2018, 51, 2003-2022.	1.7	17
4165	Sea Surface Temperature in the Subtropical Pacific Boosted the 2015 El Niño and Hindered the 2016 La Niña. <i>Journal of Climate</i> , 2018, 31, 877-893.	1.2	21
4166	On the relationship between Atlantic Niño variability and ocean dynamics. <i>Climate Dynamics</i> , 2018, 51, 597-612.	1.7	32
4167	Interdecadal change on the relationship between the mid-summer temperature in South China and atmospheric circulation and sea surface temperature. <i>Climate Dynamics</i> , 2018, 51, 2113-2126.	1.7	18
4168	Varying stratospheric responses to tropical Atlantic SST forcing from early to late winter. <i>Climate Dynamics</i> , 2018, 51, 2079-2096.	1.7	27
4169	Influence of El Niño-Southern Oscillation and the Indian Ocean Dipole on winegrape maturity in Australia. <i>Agricultural and Forest Meteorology</i> , 2018, 248, 502-510.	1.9	20
4170	Is the global atmospheric model MRI-AGCM3.2 better than the CMIP5 atmospheric models in simulating precipitation over East Asia?. <i>Climate Dynamics</i> , 2018, 51, 4489-4510.	1.7	29
4171	Determination of chloromethane and dichloromethane in a tropical terrestrial mangrove forest in Brazil by measurements and modelling. <i>Atmospheric Environment</i> , 2018, 173, 185-197.	1.9	7
4172	Spatial and interannual variations of spring rainfall over eastern China in association with PDO–ENSO events. <i>Theoretical and Applied Climatology</i> , 2018, 134, 935-953.	1.3	17
4173	Enhanced influence of early-spring tropical Indian Ocean SST on the following early-summer precipitation over Northeast China. <i>Climate Dynamics</i> , 2018, 51, 4065-4076.	1.7	38
4174	The IOD-ENSO precursory teleconnection over the tropical Indo-Pacific Ocean: dynamics and long-term trends under global warming. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 4-19.	0.6	40
4175	Influence of the May Southern annular mode on the South China Sea summer monsoon. <i>Climate Dynamics</i> , 2018, 51, 4095-4107.	1.7	33

#	ARTICLE	IF	CITATIONS
4176	Divergent El Niño responses to volcanic eruptions at different latitudes over the past millennium. <i>Climate Dynamics</i> , 2018, 50, 3799-3812.	1.7	48
4177	ENSO forced and local variability of North Tropical Atlantic SST: model simulations and biases. <i>Climate Dynamics</i> , 2018, 51, 4511-4524.	1.7	29
4178	Effect of the tropical Pacific and Indian Ocean warming since the late 1970s on wintertime Northern Hemispheric atmospheric circulation and East Asian climate interdecadal changes. <i>Climate Dynamics</i> , 2018, 50, 3031-3048.	1.7	13
4179	Alleviating tropical Atlantic sector biases in the Kiel climate model by enhancing horizontal and vertical atmosphere model resolution: climatology and interannual variability. <i>Climate Dynamics</i> , 2018, 50, 2605-2635.	1.7	31
4180	Modes of interannual variability in northern hemisphere winter atmospheric circulation in CMIP5 models: evaluation, projection and role of external forcing. <i>Climate Dynamics</i> , 2018, 50, 2845-2865.	1.7	5
4181	Processes controlling the accelerated warming of the Arabian Sea. <i>International Journal of Climatology</i> , 2018, 38, 1074-1086.	1.5	9
4182	Towards multi-resolution global climate modeling with ECHAM6-FESOM. Part II: climate variability. <i>Climate Dynamics</i> , 2018, 50, 2369-2394.	1.7	59
4183	ENSO Index-Based Insurance for Agricultural Protection in Southern Peru. <i>Geosciences (Switzerland)</i> , 2018, 8, 64.	1.0	6
4184	Changing response of the North Atlantic/European winter climate to the 11 year solar cycle. <i>Environmental Research Letters</i> , 2018, 13, 034007.	2.2	20
4185	Predictability of the 2017 North Atlantic hurricane season. <i>Atmospheric Science Letters</i> , 2018, 19, e813.	0.8	17
4186	Arctic Climate Changes Based on Historical Simulations (1900–2013) with the CAMS-CSM. <i>Journal of Meteorological Research</i> , 2018, 32, 881-895.	0.9	6
4187	Global Mean Climate and Main Patterns of Variability in the CMCC-CM2 Coupled Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 185-209.	1.3	202
4188	Attributing human influence on the July 2017 Chinese heatwave: the influence of sea-surface temperatures. <i>Environmental Research Letters</i> , 2018, 13, 114004.	2.2	23
4189	Oceanic processes of upper ocean heat content associated with two types of ENSO. <i>Journal of Oceanography</i> , 2018, 74, 219-238.	0.7	2
4190	Forecasting experiments of a dynamical–statistical model of the sea surface temperature anomaly field based on the improved self-memorization principle. <i>Ocean Science</i> , 2018, 14, 301-320.	1.3	6
4191	How will the onset and retreat of rainy season over East Asia change in future?. <i>Atmospheric Science Letters</i> , 2018, 19, e824.	0.8	3
4192	Analysis of mean solution characteristics of an eddy-resolving numerical model simulating tropical instability waves in the Pacific Ocean. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 211, 012026.	0.2	0
4193	Anthropogenic and Natural Radiative Forcing: Positive Feedbacks. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 146.	1.2	11

#	ARTICLE	IF	CITATIONS
4194	The Role of Advanced Microwave Scanning Radiometer 2 Channels within an Optimal Estimation Scheme for Sea Surface Temperature. <i>Remote Sensing</i> , 2018, 10, 90.	1.8	13
4195	Rapid and reliable assessment of methane impacts on climate. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15555-15568.	1.9	16
4196	Tropospheric ozone in CCMI models and Gaussian process emulation to understand biases in the SOCOLv3 chemistry-climate model. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16155-16172.	1.9	27
4197	Assessing stratospheric transport in the CMAM30 simulations using ACE-FTS measurements. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6801-6828.	1.9	10
4198	Light absorption by marine cyanobacteria affects tropical climate mean state and variability. <i>Earth System Dynamics</i> , 2018, 9, 1283-1300.	2.7	8
4199	State of the UK climate 2017. <i>International Journal of Climatology</i> , 2018, 38, 1-35.	1.5	60
4200	The Quasi-Biweekly Oscillation of Winter Precipitation Associated with ENSO over Southern China. <i>Atmosphere</i> , 2018, 9, 406.	1.0	2
4201	Changes in sea-surface temperature and atmospheric circulation patterns associated with reductions in Arctic sea ice cover in recent decades. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14149-14159.	1.9	11
4202	Mechanisms of northern North Atlantic biomass variability. <i>Biogeosciences</i> , 2018, 15, 6049-6066.	1.3	6
4203	Interdecadal change of leading pattern of spring rainfall over southern China during 1901-2010. <i>International Journal of Climatology</i> , 2018, 38, 3494-3512.	1.5	8
4204	Alleviated Double ITCZ Problem in the NCAR CESM1: A New Cloud Scheme and the Working Mechanisms. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 2318-2332.	1.3	11
4205	The weakening of autumn drought intensity in Korea after late 1990s. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 70, 1429800.	0.8	1
4206	Impact of interannual variations of spring sea ice in the Barents Sea on East Asian rainfall in June. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 275-281.	0.5	19
4207	The Interactive Stratospheric Aerosol Model Intercomparison Project (ISA-MIP): motivation and experimental design. <i>Geoscientific Model Development</i> , 2018, 11, 2581-2608.	1.3	57
4208	Revisiting the relationship between El Niño-Southern Oscillation and the East Asian winter monsoon. <i>International Journal of Climatology</i> , 2018, 38, 4846-4859.	1.5	25
4209	Improving Met Office seasonal predictions of Arctic sea ice using assimilation of CryoSat-2 thickness. <i>Cryosphere</i> , 2018, 12, 3419-3438.	1.5	75
4210	Brief communication: Solar radiation management not as effective as CO ₂ mitigation for Arctic sea ice loss in hitting the 1.5 and 2°C COP climate targets. <i>Cryosphere</i> , 2018, 12, 3355-3360.	1.5	5
4211	The impact of Arctic sea ice on the interannual variations of summer Ural blocking. <i>International Journal of Climatology</i> , 2018, 38, 4632-4650.	1.5	25

#	ARTICLE	IF	CITATIONS
4212	ICON-CA, The Atmosphere Component of the ICON Earth System Model: II. Model Evaluation. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 1638-1662.	1.3	44
4213	On the classification of different flavours of Indian Ocean Dipole events. <i>International Journal of Climatology</i> , 2018, 38, 4924-4937.	1.5	15
4214	Evaluation of the HadISST1 and NSIDC 1850 onward sea ice datasets with a focus on the Barents-Kara seas. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 388-395.	0.5	2
4215	The seasonal relationship between intraseasonal tropical variability and ENSO in CMIP5. <i>Geoscientific Model Development</i> , 2018, 11, 2373-2392.	1.3	11
4216	Age of air as a diagnostic for transport timescales in global models. <i>Geoscientific Model Development</i> , 2018, 11, 3109-3130.	1.3	44
4217	A global coupled ensemble data assimilation system using the Community Earth System Model and the Data Assimilation Research Testbed. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 2404-2430.	1.0	22
4218	Interannual variability of global monsoon precipitation in present-day and future warming scenarios based on 33 Coupled Model Intercomparison Project Phase 5 models. <i>International Journal of Climatology</i> , 2018, 38, 4875-4890.	1.5	13
4219	Recent trends in the frequency and duration of global floods. <i>Earth System Dynamics</i> , 2018, 9, 757-783.	2.7	112
4220	Intensified variability of the El Niño-Southern Oscillation enhances its modulations on tree growths in southeastern China over the past 218 years. <i>International Journal of Climatology</i> , 2018, 38, 5293-5304.	1.5	16
4221	Identification Standard for ENSO Events and Its Application to Climate Monitoring and Prediction in China. <i>Journal of Meteorological Research</i> , 2018, 32, 923-936.	0.9	43
4222	Automatic tuning of the Community Atmospheric Model (CAM5) by using short-term hindcasts with an improved downhill simplex optimization method. <i>Geoscientific Model Development</i> , 2018, 11, 5189-5201.	1.3	11
4223	Interdecadal change in the summer SST-precipitation relationship around the late 1990s over the South China Sea. <i>Climate Dynamics</i> , 2018, 51, 2229-2246.	1.7	12
4224	Influence of Climate Regime Shift on the Abrupt Change of Tropical Cyclone Activity in Various Genesis Regions. , 0, , .		3
4225	Coupling of surface air and sea surface temperatures in the CERA-20C reanalysis. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 195-207.	1.0	18
4226	Recent subsurface North Atlantic cooling trend in context of Atlantic decadal-to-multidecadal variability. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 70, 1481688.	0.8	16
4227	Synchronization and causality across time scales in El Niño Southern Oscillation. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	23
4228	Use of generalized additive modelling techniques to create synthetic daily temperature networks for benchmarking homogenization algorithms. <i>Dynamics and Statistics of the Climate System</i> , 2018, 3, .	0.8	2
4229	Effect of coupled global climate models sea surface temperature biases on simulated climate of the western United States. <i>International Journal of Climatology</i> , 2018, 38, 5386-5404.	1.5	12

#	ARTICLE	IF	CITATIONS
4230	Î-MAPS: from spatio-temporal data to a weighted and lagged network between functional domains. <i>Applied Network Science</i> , 2018, 3, 21.	0.8	12
4231	Cold Tropical Pacific Sea Surface Temperatures During the Late Sixteenthâ€Century North American Megadrought. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 11,307.	1.2	15
4232	Potential influence of the Atlantic Multiâ€decadal Oscillation in modulating the biennial relationship between Indian and Australian summer monsoons. <i>International Journal of Climatology</i> , 2018, 38, 5220-5230.	1.5	7
4233	Using Global and Regional Model Simulations to Understand Maritime Continent Wetâ€Season Rainfall Variability. <i>Geophysical Research Letters</i> , 2018, 45, 12,534.	1.5	2
4234	How Do Tropical, Northern Hemispheric, and Southern Hemispheric Volcanic Eruptions Affect ENSO Under Different Initial Ocean Conditions?. <i>Geophysical Research Letters</i> , 2018, 45, 13,041.	1.5	16
4235	Long-Term Arctic Snow/Ice Interface Temperature from Special Sensor for Microwave Imager Measurements. <i>Remote Sensing</i> , 2018, 10, 1795.	1.8	11
4236	Abrupt Climate Shift in the Mature Rainy Season of the Philippines in the Mid-1990s. <i>Atmosphere</i> , 2018, 9, 350.	1.0	10
4237	Decadal Variation in IOD Predictability During 1881â€2016. <i>Geophysical Research Letters</i> , 2018, 45, 12,948.	1.5	9
4238	Seasonal Precipitation Forecast Over Morocco. <i>Water Resources Research</i> , 2018, 54, 9118-9130.	1.7	15
4239	Northern cod species face spawning habitat losses if global warming exceeds 1.5Â°C. <i>Science Advances</i> , 2018, 4, eaas8821.	4.7	50
4240	The Impact of Boreal Summer ENSO Events on Tropical Lower Stratospheric Ozone. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 9843-9857.	1.2	16
4241	Interannual Variation and Regime Shift of the Evaporative Moisture Sources for Wintertime Precipitation Over Southern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,168.	1.2	8
4242	Preindustrial Control Simulations With HadGEM3â€GC3.1 for CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 3049-3075.	1.3	62
4243	Understanding the Equatorial Pacific Cold Tongue Time-Mean Heat Budget. Part II: Evaluation of the GFDL-FLOR Coupled GCM. <i>Journal of Climate</i> , 2018, 31, 9987-10011.	1.2	11
4244	Dominant modes of wintertime precipitation variability in northwest China and the association with circulation anomalies and sea surface temperature. <i>International Journal of Climatology</i> , 2018, 38, 4860-4874.	1.5	11
4245	An intermediate coupled model for the tropical ocean-atmosphere system. <i>Science China Earth Sciences</i> , 2018, 61, 1859-1874.	2.3	9
4246	Local and Remote Influences on the Heat Content of the Labrador Sea: An Adjoint Sensitivity Study. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 2646-2667.	1.0	24
4247	A General Methodology for Climateâ€Informed Approaches to Longâ€Term Flood Projectionâ€Illustrated With the Ohio River Basin. <i>Water Resources Research</i> , 2018, 54, 9321-9341.	1.7	28

#	ARTICLE	IF	CITATIONS
4248	Anomalous blocking over Greenland preceded the 2013 extreme early melt of local sea ice. <i>Annals of Glaciology</i> , 2018, 59, 181-190.	2.8	13
4249	Impact of Trans-Atlantic-Pacific Ocean Dipole-like pattern on summer precipitation variability over West Africa. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 509-517.	0.5	7
4250	Drivers of the Severity of the Extreme Hot Summer of 2015 in Western China. <i>Journal of Meteorological Research</i> , 2018, 32, 1002-1010.	0.9	3
4251	An Ocean View of the Global Surface Warming Hiatus. <i>Oceanography</i> , 2018, 31, .	0.5	23
4252	Advances in representing interactive methane in ModelE2-YIBs (version 1.1). <i>Geoscientific Model Development</i> , 2018, 11, 4417-4434.	1.3	5
4253	Interdecadal Weakening of the East Asian Winter Monsoon in the Mid-1980s: The Roles of External Forcings. <i>Journal of Climate</i> , 2018, 31, 8985-9000.	1.2	28
4254	An ocean-sea ice model study of the unprecedented Antarctic sea ice minimum in 2016. <i>Environmental Research Letters</i> , 2018, 13, 084020.	2.2	20
4255	Insignificant effect of climate change on winter haze pollution in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17489-17496.	1.9	37
4256	Unraveling the blue paradox: Incomplete analysis yields incorrect conclusions about Phoenix Islands Protected Area closure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12122-E12123.	3.3	10
4257	The CAMS Climate System Model and a Basic Evaluation of Its Climatology and Climate Variability Simulation. <i>Journal of Meteorological Research</i> , 2018, 32, 839-861.	0.9	48
4258	Investigation of Interannual Variability and Budget of Heat in an Eddy-resolving Numerical Model of Tropical Instability Waves in the Pacific Ocean. <i>Russian Meteorology and Hydrology</i> , 2018, 43, 787-794.	0.2	1
4259	Deep learning approach for detecting tropical cyclones and their precursors in the simulation by a cloud-resolving global nonhydrostatic atmospheric model. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	1.1	60
4260	Is There a Link between Arctic Sea Ice Loss and Increasing Frequency of Extremely Cold Winters in Eurasia and North America? Synthesis of Current Research. <i>Russian Meteorology and Hydrology</i> , 2018, 43, 743-755.	0.2	12
4261	21st century California drought risk linked to model fidelity of the El Niño teleconnection. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	19
4262	Global climate forcing driven by altered BVOC fluxes from 1990 to 2010 land cover change in maritime Southeast Asia. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16931-16952.	1.9	14
4263	Key Role of Internal Ocean Dynamics in Atlantic Multidecadal Variability During the Last Half Century. <i>Geophysical Research Letters</i> , 2018, 45, 13,449.	1.5	35
4264	The South Pacific Meridional Mode and Its Role in Tropical Pacific Climate Variability. <i>Journal of Climate</i> , 2018, 31, 10141-10163.	1.2	28
4265	Earlier Seasonal Onset of Intense Mesoscale Convective Systems in the Congo Basin Since 1999. <i>Geophysical Research Letters</i> , 2018, 45, 13,458.	1.5	33

#	ARTICLE	IF	CITATIONS
4266	El Niño events will intensify under global warming. <i>Nature</i> , 2018, 564, 192-193.	13.7	24
4267	Increased variability of eastern Pacific El Niño under greenhouse warming. <i>Nature</i> , 2018, 564, 201-206.	13.7	394
4268	Shape of Atlantic Tropical Cyclone Tracks and the Indian Monsoon. <i>Geophysical Research Letters</i> , 2018, 45, 10,746.	1.5	13
4269	Inter-comparison and assessment of gridded climate products over tropical forests during the 2015/2016 El Niño. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170406.	1.8	25
4270	The role of satellite observations in understanding the impact of El Niño on the carbon cycle: current capabilities and future opportunities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170407.	1.8	8
4271	ENSO Drives interannual variation of forest woody growth across the tropics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170410.	1.8	41
4272	The Hadley Circulation Regime Change: Combined Effect of the Western Pacific Warming and Increased ENSO Amplitude. <i>Journal of Climate</i> , 2018, 31, 9739-9751.	1.2	9
4273	Impact of Global Oceanic Warming on Winter Eurasian Climate. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1254-1264.	1.9	4
4274	Dominant effect of relative tropical Atlantic warming on major hurricane occurrence. <i>Science</i> , 2018, 362, 794-799.	6.0	70
4275	Adding new evidence to the attribution puzzle of the recent water shortage over São Paulo (Brazil). <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 70, 1481690.	0.8	7
4276	Modulation effects of the East Asian winter monsoon on El Niño-related rainfall anomalies in southeastern China. <i>Scientific Reports</i> , 2018, 8, 14107.	1.6	20
4277	Circulation characteristics of EP and CP ENSO and their impacts on precipitation in South China. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 179, 405-415.	0.6	13
4278	Projections of East Asian summer monsoon change at global warming of 1.5 and 2°C. <i>Earth System Dynamics</i> , 2018, 9, 427-439.	2.7	20
4279	Long-Term Integration of a Global Non-Hydrostatic Atmospheric Model on an Aqua Planet. <i>Journal of Meteorological Research</i> , 2018, 32, 517-533.	0.9	4
4280	Variability of coastal cephalopods in overexploited China Seas under climate change with implications on fisheries management. <i>Fisheries Research</i> , 2018, 208, 22-33.	0.9	54
4281	Influence of El Niño-Southern Oscillation on Global Coastal Flooding. <i>Earth's Future</i> , 2018, 6, 1311-1322.	2.4	37
4282	Isolating and Reconstructing Key Components of North Atlantic Ocean Variability From a Sclerochronological Spatial Network. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 1086-1098.	1.3	12
4283	Navajo Nation, USA, Precipitation Variability from 2002 to 2015. <i>Journal of Contemporary Water Research and Education</i> , 2018, 163, 109-123.	0.7	9

#	ARTICLE	IF	CITATIONS
4284	Atlantic Control of the Late Nineteenth-Century Sahel Humid Period. <i>Journal of Climate</i> , 2018, 31, 8225-8240.	1.2	20
4285	Predicting the Temporal Structure of the Atlantic Multidecadal Oscillation (AMO) for Agriculture Management in Mexico's Coastal Zone. <i>Journal of Coastal Research</i> , 2018, 35, 210.	0.1	5
4286	Climate and the Global Famine of 1876â€“78. <i>Journal of Climate</i> , 2018, 31, 9445-9467.	1.2	55
4287	Arctic sea ice â€“ a driver of the winter NAO?. <i>Weather</i> , 2018, 73, 307-310.	0.6	7
4288	Robust Responses of the Sahelian Hydrological Cycle to Global Warming. <i>Journal of Climate</i> , 2018, 31, 9793-9814.	1.2	20
4289	ENSO Change in Climate Projections: Forced Response or Internal Variability?. <i>Geophysical Research Letters</i> , 2018, 45, 11,390.	1.5	82
4290	The Linkage Between Arctic Sea Ice and Midlatitude Weather: In the Perspective of Energy. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 11,536.	1.2	31
4291	Combined impacts of ENSO and MJO on the 2015 growing season drought on the Canadian Prairies. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 5057-5067.	1.9	20
4292	Distinct Influences of Land Cover and Land Management on Seasonal Climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12017-12039.	1.2	26
4293	Climate based multi-year predictions of the Barents Sea cod stock. <i>PLoS ONE</i> , 2018, 13, e0206319.	1.1	33
4294	Origin of Warm SST Bias over the Atlantic Cold Tongue in the Coupled Climate Model FGOALS-g2. <i>Atmosphere</i> , 2018, 9, 275.	1.0	5
4295	A Review of Climate Change Attribution Studies. <i>Journal of Meteorological Research</i> , 2018, 32, 671-692.	0.9	59
4296	The Lowâ€“Resolution Version of HadGEM3 GC3.1: Development and Evaluation for Global Climate. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 2865-2888.	1.3	142
4297	The Springtime Influence of Natural Tropical Pacific Variability on the Surface Climate of the Ross Ice Shelf, West Antarctica: Implications for Ice Shelf Thinning. <i>Scientific Reports</i> , 2018, 8, 11983.	1.6	8
4298	Inter-annual variability in the tropical Atlantic from the Last Glacial Maximum into future climate projections simulated by CMIP5/PMIP3. <i>Climate of the Past</i> , 2018, 14, 1377-1390.	1.3	17
4299	Estimates of the Change in the Oceanic Precipitation Off the Coast of Europe due to Increasing Greenhouse Gas Emissions. <i>Remote Sensing</i> , 2018, 10, 1198.	1.8	1
4300	Analysis of Climate Trends and Leading Modes of Climate Variability for MENA Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,074.	1.2	19
4301	Decadal Shifts in Wind Patterns Reduced Continental Outflow and Suppressed Ozone Trend in the 2010s in the Lower Troposphere Over Japan. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,980.	1.2	4

#	ARTICLE	IF	CITATIONS
4302	The Continuum of Drought in Southwestern North America. <i>Journal of Climate</i> , 2018, 31, 8627-8643.	1.2	10
4303	Basin-Scale Prediction of Sea Surface Temperature with Artificial Neural Networks. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018, 35, 1441-1455.	0.5	28
4304	Two new sea surface temperature anomalies indices for capturing the eastern and central equatorial Pacific type El Niño–Southern Oscillation events during boreal summer. <i>International Journal of Climatology</i> , 2018, 38, 4066-4076.	1.5	12
4305	Radiative feedbacks of dust in snow over eastern Asia in CAM4-BAM. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12683-12698.	1.9	27
4306	Climate model configurations of the ECMWF Integrated Forecasting System (ECMWF-IFS cycle 43r1) for HighResMIP. <i>Geoscientific Model Development</i> , 2018, 11, 3681-3712.	1.3	104
4307	Intensified impact of the central Pacific warming on the monsoon trough over the western North Pacific since 1984. <i>Atmospheric Science Letters</i> , 2018, 19, e828.	0.8	1
4308	The key role of background sea surface temperature over the cold tongue in asymmetric responses of the Arctic stratosphere to El Niño–Southern Oscillation. <i>Environmental Research Letters</i> , 2018, 13, 114007.	2.2	13
4309	The Role of Stochastic Forcing in Generating ENSO Diversity. <i>Journal of Climate</i> , 2018, 31, 9125-9150.	1.2	9
4310	Adaptation Design Tool for Climate-Smart Management of Coral Reefs and Other Natural Resources. <i>Environmental Management</i> , 2018, 62, 644-664.	1.2	7
4311	Variability in Coral-Reconstructed Sea Surface Salinity Between the Northern and Southern Lombok Strait Linked to East Asian Winter Monsoon Mean State Reversals. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 1116-1133.	1.3	14
4312	Climatic and volcanic forcing of tropical belt northern boundary over the past 800 years. <i>Nature Geoscience</i> , 2018, 11, 933-938.	5.4	19
4313	Modelling tropical forest responses to drought and El Niño with a stomatal optimization model based on xylem hydraulics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170315.	1.8	69
4314	Understanding the Equatorial Pacific Cold Tongue Time-Mean Heat Budget. Part I: Diagnostic Framework. <i>Journal of Climate</i> , 2018, 31, 9965-9985.	1.2	16
4315	ENSO's Shrinking Twentieth-Century Footprint Revealed in a Half-Millennium Coral Core From the South Pacific Convergence Zone. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 1136-1150.	1.3	11
4316	Contrasting Cloud Radiative Feedbacks during Warm Pool and Cold Tongue El Niños. <i>Scientific Online Letters on the Atmosphere</i> , 2018, 14, 126-131.	0.6	11
4317	Asymmetric Changes of ENSO Diversity Modulated by the Cold Tongue Mode Under Recent Global Warming. <i>Geophysical Research Letters</i> , 2018, 45, 12,506-12,513.	1.5	15
4318	Asymmetric responses of the Philippine Sea anomalous anticyclone/cyclone to two types of El Niño–Southern Oscillation during the boreal winter. <i>Atmospheric Science Letters</i> , 2018, 19, e866.	0.8	7
4319	The influence of the Atlantic multidecadal oscillation on the eastern Andes low-level jet and precipitation in South America. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	61

#	ARTICLE	IF	CITATIONS
4320	On the relationship between the Pacific Decadal Oscillation and monsoon depressions over the Bay of Bengal. <i>Atmospheric Science Letters</i> , 2018, 19, e825.	0.8	22
4321	Copernicus Marine Service Ocean State Report. <i>Journal of Operational Oceanography</i> , 2018, 11, S1-S142.	0.6	96
4322	Mechanisms for Generation and Development of the Ningaloo Niño. <i>Journal of Climate</i> , 2018, 31, 9239-9259.	1.2	40
4323	UK Global Ocean GO6 and GO7: a traceable hierarchy of model resolutions. <i>Geoscientific Model Development</i> , 2018, 11, 3187-3213.	1.3	124
4324	Joint Impacts of SSTA in Tropical Pacific and Indian Oceans on Variations of the WPSH. <i>Journal of Meteorological Research</i> , 2018, 32, 548-559.	0.9	8
4325	Diversity of ENSO Events Unified by Convective Threshold Sea Surface Temperature: A Nonlinear ENSO Index. <i>Geophysical Research Letters</i> , 2018, 45, 9236-9244.	1.5	78
4326	The effect of South American biomass burning aerosol emissions on the regional climate. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5321-5342.	1.9	62
4327	The Ross Sea Dipole " temperature, snow accumulation and sea ice variability in the Ross Sea region, Antarctica, over the past 2700 years. <i>Climate of the Past</i> , 2018, 14, 193-214.	1.3	44
4328	Interannual climate anomalies in the Atlantic-European region associated with La-Nina types. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 107, 012043.	0.2	3
4329	Atmospheric Response to SST Anomalies. Part II: Background-State Dependence, Teleconnections, and Local Effects in Summer. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 4125-4138.	0.6	19
4330	Changes in the aerosol direct radiative forcing from 2001 to 2015: observational constraints and regional mechanisms. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13265-13281.	1.9	57
4331	Modulation of the Meridional Structures of the Indo-Pacific Warm Pool on the Response of the Hadley Circulation to Tropical SST. <i>Journal of Climate</i> , 2018, 31, 8971-8984.	1.2	7
4332	The strengthening of Amazonian precipitation during the wet season driven by tropical sea surface temperature forcing. <i>Environmental Research Letters</i> , 2018, 13, 094015.	2.2	51
4333	Evolution of Eastern Equatorial Pacific Seasonal and Interannual Variability in Response to Orbital Forcing During the Holocene and Eemian From Model Simulations. <i>Geophysical Research Letters</i> , 2018, 45, 9843-9851.	1.5	10
4334	The connection between the Atlantic Multidecadal Oscillation and the Indian Summer Monsoon since the Industrial Revolution is intrinsic to the climate system. <i>Environmental Research Letters</i> , 2018, 13, 094020.	2.2	18
4335	A Recent Reversal in the Poleward Shift of Western North Pacific Tropical Cyclones. <i>Geophysical Research Letters</i> , 2018, 45, 9944-9952.	1.5	11
4336	Preceding winter La Niña reduces Indian summer monsoon rainfall. <i>Environmental Research Letters</i> , 2018, 13, 054030.	2.2	23
4337	Multi-centennial variability of the AMOC over the Holocene: A new reconstruction based on multiple proxy-derived SST records. <i>Global and Planetary Change</i> , 2018, 170, 172-189.	1.6	46

#	ARTICLE	IF	CITATIONS
4338	Subcontinental heat wave triggers terrestrial and marine, multi-taxa responses. <i>Scientific Reports</i> , 2018, 8, 13094.	1.6	101
4339	Latitudinal variation in seagrass herbivory: Global patterns and explanatory mechanisms. <i>Global Ecology and Biogeography</i> , 2018, 27, 1068-1079.	2.7	19
4340	Climate variability impacts on rice production in the Philippines. <i>PLoS ONE</i> , 2018, 13, e0201426.	1.1	61
4341	Possible impact of El Niño and La Niña on water mass circulation in Ambon Bay. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 184, 012012.	0.2	4
4342	Vanishing river ice cover in the lower part of the Danube basin – signs of a changing climate. <i>Scientific Reports</i> , 2018, 8, 7948.	1.6	15
4343	Fast Adjustments of the Asian Summer Monsoon to Anthropogenic Aerosols. <i>Geophysical Research Letters</i> , 2018, 45, 1001-1010.	1.5	44
4344	The influences of El Niño and Arctic sea-ice on the QBO disruption in February 2016. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	16
4345	Resting eggs in free living marine and estuarine copepods. <i>Journal of Plankton Research</i> , 2018, 40, 2-15.	0.8	36
4346	Role of Latent Heating over the Tropical Western Pacific in Surface Temperature Change over North America during Boreal Spring. <i>Journal of Climate</i> , 2018, 31, 2169-2184.	1.2	6
4347	Annual temperature variation as a time machine to understand the effects of long-term climate change on a poleward range shift. <i>Global Change Biology</i> , 2018, 24, 3804-3819.	4.2	12
4348	Multidecadal Changes of Upper-Ocean Thermal Conditions in the Tropical Northwest Pacific Ocean versus South China Sea during 1960–2015. <i>Journal of Climate</i> , 2018, 31, 3999-4016.	1.2	5
4349	Tidal range energy resource and optimization – Past perspectives and future challenges. <i>Renewable Energy</i> , 2018, 127, 763-778.	4.3	148
4350	Tropical Meridional Overturning Circulation Observed by Subsurface Moorings in the Western Pacific. <i>Scientific Reports</i> , 2018, 8, 7632.	1.6	20
4351	Model tropical Atlantic biases underpin diminished Pacific decadal variability. <i>Nature Climate Change</i> , 2018, 8, 493-498.	8.1	92
4352	A Role for the Equatorial Undercurrent in the Ocean Dynamical Thermostat. <i>Journal of Climate</i> , 2018, 31, 6245-6261.	1.2	27
4353	Internal Variability and Regional Climate Trends in an Observational Large Ensemble. <i>Journal of Climate</i> , 2018, 31, 6783-6802.	1.2	69
4354	El Niño–Southern Oscillation and Associated Climatic Conditions around the World during the Latter Half of the Twenty-First Century. <i>Journal of Climate</i> , 2018, 31, 6189-6207.	1.2	37
4355	A reconstruction of global hydroclimate and dynamical variables over the Common Era. <i>Scientific Data</i> , 2018, 5, 180086.	2.4	114

#	ARTICLE	IF	CITATIONS
4356	Teleconnection between Summer NAO and East China Rainfall Variations: A Bridge Effect of the Tibetan Plateau. <i>Journal of Climate</i> , 2018, 31, 6433-6444.	1.2	70
4357	The Impact of Indian Ocean Mean-State Biases in Climate Models on the Representation of the East African Short Rains. <i>Journal of Climate</i> , 2018, 31, 6611-6631.	1.2	33
4358	Sea Ice Versus Storms: What Controls Sea Salt in Arctic Ice Cores?. <i>Geophysical Research Letters</i> , 2018, 45, 5572-5580.	1.5	17
4359	A Modeling Study of Interannual Variability of Bay of Bengal Mixing and Barrier Layer Formation. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3962-3981.	1.0	14
4360	The path to CAM6: coupled simulations with CAM5.4 and CAM5.5. <i>Geoscientific Model Development</i> , 2018, 11, 235-255.	1.3	66
4361	Response of O ₂ and pH to ENSO in the California Current System in a high-resolution global climate model. <i>Ocean Science</i> , 2018, 14, 69-86.	1.3	23
4362	Understanding the role of sea surface temperature-forcing for variability in global temperature and precipitation extremes. <i>Weather and Climate Extremes</i> , 2018, 21, 1-9.	1.6	31
4363	The sea ice model component of HadGEM3-GC3.1. <i>Geoscientific Model Development</i> , 2018, 11, 713-723.	1.3	76
4364	A large set of potential past, present and future hydro-meteorological time series for the UK. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 611-634.	1.9	54
4365	Late-Holocene climate and vegetation dynamics in eastern Lesotho highlands. <i>Holocene</i> , 2018, 28, 1483-1494.	0.9	12
4366	Uncertainty in the global oceanic CO ₂ uptake induced by wind forcing: quantification and spatial analysis. <i>Biogeosciences</i> , 2018, 15, 1701-1720.	1.3	29
4367	Global high-resolution simulations of tropospheric nitrogen dioxide using CHASER V4.0. <i>Geoscientific Model Development</i> , 2018, 11, 959-988.	1.3	23
4368	Spatiotemporal Variability of Seasonality of Rainfall Over India. <i>Geophysical Research Letters</i> , 2018, 45, 7140-7147.	1.5	41
4369	Atlantic Ocean Heat Transport Influences Interannual-to-Decadal Surface Temperature Predictability in the North Atlantic Region. <i>Journal of Climate</i> , 2018, 31, 6763-6782.	1.2	25
4370	The Distinct Contributions of the Seasonal Footprinting and Charged/Discharged Mechanisms to ENSO Complexity. <i>Geophysical Research Letters</i> , 2018, 45, 6611-6618.	1.5	75
4371	The relationship between the East Asian Summer Monsoon and El Niño-Southern Oscillation revealed by reconstructions and a control simulation for millennium. <i>Quaternary International</i> , 2018, 493, 106-113.	0.7	11
4372	Advancing Mg/Ca Analysis of Coralline Algae as a Climate Proxy by Assessing LA-ICP-OES Sampling and Coupled Mg/Ca ¹⁸ O Analysis. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2876-2894.	1.0	1
4373	Parametric decadal climate forecast recalibration (DeFoReSt 1.0). <i>Geoscientific Model Development</i> , 2018, 11, 351-368.	1.3	19

#	ARTICLE	IF	CITATIONS
4374	Regression-based season-ahead drought prediction for southern Peru conditioned on large-scale climate variables. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 287-303.	1.9	17
4375	Process-level improvements in CMIP5 models and their impact on tropical variability, the Southern Ocean, and monsoons. <i>Earth System Dynamics</i> , 2018, 9, 33-67.	2.7	13
4376	Interannual Variability of Late-spring Circulation and Diabatic Heating over the Tibetan Plateau Associated with Indian Ocean Forcing. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 927-941.	1.9	54
4377	Detection of continental-scale intensification of hourly rainfall extremes. <i>Nature Climate Change</i> , 2018, 8, 803-807.	8.1	186
4378	Trends and variability in African long-term precipitation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 2721-2739.	1.9	36
4379	Afro-Eurasian Intermediate-Frequency Teleconnection and Modulation by ENSO. <i>Journal of Climate</i> , 2018, 31, 8121-8139.	1.2	3
4380	Dipole Types of Autumn Precipitation Variability Over the Subtropical East Asiaâ€œWestern Pacific Modulated by Shifting ENSO. <i>Geophysical Research Letters</i> , 2018, 45, 9123-9130.	1.5	9
4381	Coralline Algae Archive Fjord Surface Water Temperatures in Southwest Greenland. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2018, 123, 2617-2626.	1.3	5
4383	Pacific contribution to the early twentieth-century warming in the Arctic. <i>Nature Climate Change</i> , 2018, 8, 793-797.	8.1	71
4384	The NUIST Earth System Model (NESM) version 3: description and preliminary evaluation. <i>Geoscientific Model Development</i> , 2018, 11, 2975-2993.	1.3	135
4385	Different Impacts from Various El Niño Events on Wyrski Jets in Boreal Autumn Season. <i>Pure and Applied Geophysics</i> , 2018, 175, 4567-4577.	0.8	3
4386	Projected Response of Tropical Cyclone Intensity and Intensification in a Global Climate Model. <i>Journal of Climate</i> , 2018, 31, 8281-8303.	1.2	163
4387	Climate Sensitivity and Potential Vulnerability of Guatemalan Fir (<i>Abies guatemalensis</i>) Forests in Tonicapán, Guatemala. <i>Journal of Latin American Geography</i> , 2018, 17, 222-247.	0.0	1
4388	Egg boon fatty acids reveal effects of a climatic event on a marine food web. <i>Ecological Monographs</i> , 2018, 88, 585-599.	2.4	16
4389	Interannual Variability of the Australian Summer Monsoon System Internally Sustained Through Windâ€œEvaporation Feedback. <i>Geophysical Research Letters</i> , 2018, 45, 7748-7755.	1.5	11
4390	El Niño Southern Oscillation (ENSO) and Health: An Overview for Climate and Health Researchers. <i>Atmosphere</i> , 2018, 9, 282.	1.0	33
4391	Widespread Reemergence of Sea Surface Temperature Anomalies in the Global Oceans, Including Tropical Regions Forced by Reemerging Winds. <i>Geophysical Research Letters</i> , 2018, 45, 7683-7691.	1.5	15
4392	El Niñoâ€œSouthern Oscillation complexity. <i>Nature</i> , 2018, 559, 535-545.	13.7	702

#	ARTICLE	IF	CITATIONS
4393	Modeled and Observed Multidecadal Variability in the North Atlantic Jet Stream and Its Connection to Sea Surface Temperatures. <i>Journal of Climate</i> , 2018, 31, 8313-8338.	1.2	47
4394	Roles of SST versus Internal Atmospheric Variability in Winter Extreme Precipitation Variability along the U.S. West Coast. <i>Journal of Climate</i> , 2018, 31, 8039-8058.	1.2	39
4395	Intraseasonal Effects of El Niño Southern Oscillation on North Atlantic Climate. <i>Journal of Climate</i> , 2018, 31, 8861-8873.	1.2	70
4396	Contrasting Impacts of Radiative Forcing in the Southern Ocean versus Southern Tropics on ITCZ Position and Energy Transport in One GFDL Climate Model. <i>Journal of Climate</i> , 2018, 31, 5609-5628.	1.2	40
4397	Sclerochronological Study of a <i>Glycymeris vangentsumi</i> Population From the Madeira Islands. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	5
4398	Impact of Ningaloo Niño on Tropical Pacific and an Interbasin Coupling Mechanism. <i>Geophysical Research Letters</i> , 2018, 45, 11,300.	1.5	31
4399	Asian Summer Precipitation over the Past 544 Years Reconstructed by Merging Tree Rings and Historical Documentary Records. <i>Journal of Climate</i> , 2018, 31, 7845-7861.	1.2	56
4400	Remarkable Impacts of Indian Ocean Sea Surface Temperature on Interdecadal Variability of Summer Rainfall in Southwestern China. <i>Atmosphere</i> , 2018, 9, 103.	1.0	9
4401	The Effects of Dynamic Root Distribution on Land Atmosphere Carbon and Water Fluxes in the Community Earth System Model (CESM1.2.0). <i>Forests</i> , 2018, 9, 172.	0.9	3
4402	Observations for Reanalyses. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 1851-1866.	1.7	35
4403	Surface impacts of the Quasi Biennial Oscillation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 8227-8247.	1.9	105
4404	Antimicrobial resistance in the Gulf Cooperation Council region: A proposed framework to assess threats, impacts and mitigation measures associated with AMR in the marine and aquatic environment. <i>Environment International</i> , 2018, 121, 1003-1010.	4.8	15
4405	A new perspective of intensified impact of El Niño Southern Oscillation Modoki on tropical cyclogenesis over the western North Pacific around 1990s. <i>International Journal of Climatology</i> , 2018, 38, 4262-4275.	1.5	20
4406	Quantifying Uncertainty in Sr/Ca-Based Estimates of SST From the Coral <i>Orbicella faveolata</i> . <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 958-973.	1.3	10
4407	Temporal Variability of MODIS Phenological Indices in the Temperate Rainforest of Northern Patagonia. <i>Remote Sensing</i> , 2018, 10, 956.	1.8	13
4408	Leading El Niño SST Oscillations around the Southern South American Continent. <i>Sustainability</i> , 2018, 10, 1783.	1.6	3
4409	Climate Variability and Change: Monitoring Data and Evidence for Increased Coral Bleaching Stress. <i>Ecological Studies</i> , 2018, , 51-84.	0.4	4
4410	The asymmetric response of Yangtze river basin summer rainfall to El Niño/La Niña. <i>Environmental Research Letters</i> , 2018, 13, 024015.	2.2	27

#	ARTICLE	IF	CITATIONS
4411	South Atlantic Forced Multidecadal Teleconnection to the Midlatitude South Indian Ocean. <i>Geophysical Research Letters</i> , 2018, 45, 8480-8489.	1.5	12
4412	Lifetime Evolution of Outer Tropical Cyclone Size and Structure as Diagnosed from Reanalysis and Climate Model Data. <i>Journal of Climate</i> , 2018, 31, 7985-8004.	1.2	26
4413	On the seasonal prediction of the western United States El Niño precipitation pattern during the 2015/16 winter. <i>Climate Dynamics</i> , 2018, 51, 3765-3783.	1.7	17
4414	Evolution features of the surface latent heat flux anomalies over the tropical Pacific associated with two types of ENSO events. <i>Theoretical and Applied Climatology</i> , 2018, 134, 721-737.	1.3	1
4415	Decomposition of the large-scale atmospheric state driving downscaling: a perspective on dynamical downscaling for regional climate study. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	1.1	5
4416	Impact of the Spring SST Gradient between the Tropical Indian Ocean and Western Pacific on Landfalling Tropical Cyclone Frequency in China. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 682-688.	1.9	19
4417	Understanding the influence of ENSO on the Great Plains low-level jet in CMIP5 models. <i>Climate Dynamics</i> , 2018, 51, 1537-1558.	1.7	11
4418	The role of SST variability in the simulation of the MJO. <i>Climate Dynamics</i> , 2018, 51, 2943-2964.	1.7	12
4419	Forced decadal changes in the East Asian summer monsoon: the roles of greenhouse gases and anthropogenic aerosols. <i>Climate Dynamics</i> , 2018, 51, 3699-3715.	1.7	49
4420	Asymmetry of two types of ENSO in the transition between the East Asian winter monsoon and the ensuing summer monsoon. <i>Climate Dynamics</i> , 2018, 51, 3907-3926.	1.7	17
4421	SST biases over the Northwest Pacific and possible causes in CMIP5 models. <i>Science China Earth Sciences</i> , 2018, 61, 792-803.	2.3	10
4422	Influence of recent climatic events on the surface water storage of the Tonle Sap Lake. <i>Science of the Total Environment</i> , 2018, 636, 1520-1533.	3.9	67
4423	Increasing Magnitude of Hurricane Rapid Intensification in the Central and Eastern Tropical Atlantic. <i>Geophysical Research Letters</i> , 2018, 45, 4238-4247.	1.5	95
4424	Ocean as the main driver of Antarctic ice sheet retreat during the Holocene. <i>Global and Planetary Change</i> , 2018, 166, 62-74.	1.6	17
4425	Hurricane Harvey Links to Ocean Heat Content and Climate Change Adaptation. <i>Earth's Future</i> , 2018, 6, 730-744.	2.4	218
4426	A role of the Atlantic Ocean in predicting summer surface air temperature over North East Asia?. <i>Climate Dynamics</i> , 2018, 51, 473-491.	1.7	37
4427	Full-field initialized decadal predictions with the MPI earth system model: an initial shock in the North Atlantic. <i>Climate Dynamics</i> , 2018, 51, 2593-2608.	1.7	23
4428	Mediterranean sea water budget long-term trend inferred from salinity observations. <i>Climate Dynamics</i> , 2018, 51, 2857-2876.	1.7	42

#	ARTICLE	IF	CITATIONS
4429	Towards optimal observational array for dealing with challenges of El Niño-Southern Oscillation predictions due to diversities of El Niño. <i>Climate Dynamics</i> , 2018, 51, 3351-3368.	1.7	27
4430	Impact of two types of La Niña on boreal autumn rainfall around Southeast Asia and Australia. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 1-6.	0.5	5
4431	Weaker connection between the Atlantic Multidecadal Oscillation and Indian summer rainfall since the mid-1990s. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 37-43.	0.5	14
4432	Long-Term Variability of UV Irradiance in the Moscow Region according to Measurement and Modeling Data. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2018, 54, 139-146.	0.2	10
4433	Characteristics of Winter Surface Air Temperature Anomalies in Moscow in 1970–2016 under Conditions of Reduced Sea Ice Area in the Barents Sea. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2018, 54, 10-24.	0.2	11
4434	Perspectives on the non-stationarity of the relationship between Indian and East Asian summer rainfall variations. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 104-111.	0.5	6
4435	Influence of solar wind energy flux on the interannual variability of ENSO in the subsequent year. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 165-172.	0.5	8
4436	Tracing the effects of eutrophication on molluscan communities in sediment cores: outbreaks of an opportunistic species coincide with reduced bioturbation and high frequency of hypoxia in the Adriatic Sea. <i>Paleobiology</i> , 2018, 44, 575-602.	1.3	41
4437	Modelling the bycatch of <i>Anguilla marmorata</i> using a generalized depletion model with an example from the Taiwanese glass eel fisheries for <i>Anguilla japonica</i> . <i>Fisheries Research</i> , 2018, 208, 210-218.	0.9	6
4438	Teleconnection of rainfall time series in the central Nile Basin with sea surface temperature. <i>Paddy and Water Environment</i> , 2018, 16, 805-821.	1.0	5
4439	Global Search for Autumn–Lead Sea Surface Salinity Predictors of Winter Precipitation in Southwestern United States. <i>Geophysical Research Letters</i> , 2018, 45, 8445-8454.	1.5	14
4440	The representation of solar cycle signals in stratospheric ozone – Part 2: Analysis of global models. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11323-11343.	1.9	18
4441	Using network theory and machine learning to predict El Niño. <i>Earth System Dynamics</i> , 2018, 9, 969-983.	2.7	55
4442	Intrinsic and environmental drivers of growth in an Alaskan rockfish: an otolith biochronology approach. <i>Environmental Biology of Fishes</i> , 2018, 101, 1571-1587.	0.4	13
4443	Nonlinear Trends and Nonstationary Oscillations as Extracted From Annual Accumulated Precipitation at Mexico City. <i>Earth and Space Science</i> , 2018, 5, 473-485.	1.1	7
4444	Contrasting Intraseasonal Variations of the Equatorial Pacific Ocean Between the 1997-1998 and 2015-2016 El Niño Events. <i>Geophysical Research Letters</i> , 2018, 45, 9748-9756.	1.5	13
4445	Evaluation of El Niño-Southern Oscillation influence on 30 years of tropospheric ozone concentrations in Houston. <i>Atmospheric Environment</i> , 2018, 192, 72-83.	1.9	6
4446	Marine sublittoral benthos fails to track temperature in response to climate change in a biogeographical transition zone. <i>ICES Journal of Marine Science</i> , 2018, 75, 1894-1907.	1.2	9

#	ARTICLE	IF	CITATIONS
4447	North Atlantic Natural Variability Modulates Emergence of Widespread Greenland Melt in a Warming Climate. <i>Geophysical Research Letters</i> , 2018, 45, 9171-9178.	1.5	18
4448	A Train-Like Extreme Multiple Tropical Cyclogenesis Event in the Northwest Pacific in 2004. <i>Geophysical Research Letters</i> , 2018, 45, 8529-8535.	1.5	6
4449	Statistical Evidence for the Role of Southwestern Indian Ocean Heat Content in the Indian Summer Monsoon Rainfall. <i>Scientific Reports</i> , 2018, 8, 12092.	1.6	25
4450	Using Climate-Flood Links and CMIP5 Projections to Assess Flood Design Levels Under Climate Change Scenarios: A Case Study in Southern Brazil. <i>Water Resources Management</i> , 2018, 32, 4879-4893.	1.9	7
4451	Multidecadal Changes of the Upper Indian Ocean Heat Content during 1965–2016. <i>Journal of Climate</i> , 2018, 31, 7863-7884.	1.2	53
4453	Interannual rainfall variability over China in the MetUM GA6 and GC2 configurations. <i>Geoscientific Model Development</i> , 2018, 11, 1823-1847.	1.3	5
4454	Predicting El Niño in 2014 and 2015. <i>Scientific Reports</i> , 2018, 8, 10733.	1.6	17
4455	Super Storm Desmond: a process-based assessment. <i>Environmental Research Letters</i> , 2018, 13, 014024.	2.2	23
4456	Trends in temperature extremes and their association with circulation patterns in China during 1961–2015. <i>Atmospheric Research</i> , 2018, 212, 259-272.	1.8	79
4457	Hydroclimate Variability and Change over the Mekong River Basin: Modeling and Predictability and Policy Implications. <i>Journal of Hydrometeorology</i> , 2018, 19, 849-869.	0.7	19
4458	Unusual Rainfall in Southern China in Decaying August during Extreme El Niño 2015/16: Role of the Western Indian Ocean and North Tropical Atlantic SST. <i>Journal of Climate</i> , 2018, 31, 7019-7034.	1.2	47
4459	Causes of irregularities in trends of global mean surface temperature since the late 19th century. <i>Science Advances</i> , 2018, 4, eaao5297.	4.7	67
4460	Asymmetric Modulation of ENSO Teleconnections by the Interdecadal Pacific Oscillation. <i>Journal of Climate</i> , 2018, 31, 7337-7361.	1.2	48
4461	Regional and Seasonal Characteristics of the Recent Expansion of the Tropics. <i>Journal of Climate</i> , 2018, 31, 6839-6856.	1.2	57
4462	Impact of the South China Sea Summer Monsoon on the Indian Ocean Dipole. <i>Journal of Climate</i> , 2018, 31, 6557-6573.	1.2	30
4463	Subtropical hydroclimate during Termination V (~1430-422 ka): Annual records of extreme precipitation, drought, and interannual variability from Santa Barbara Basin. <i>Quaternary Science Reviews</i> , 2018, 191, 73-88.	1.4	2
4464	Relationship between the Hadley Circulation and Different Tropical Meridional SST Structures during Boreal Summer. <i>Journal of Climate</i> , 2018, 31, 6575-6590.	1.2	14
4465	Role of Ocean Initial Conditions to Diminish Dry Bias in the Seasonal Prediction of Indian Summer Monsoon Rainfall: A Case Study Using Climate Forecast System. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 603-616.	1.3	13

#	ARTICLE	IF	CITATIONS
4466	Tracking Interannual to Multidecadal Scale Climate Variability in the Atlantic Warm Pool Using Central Caribbean Coral Data. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 395-411.	1.3	10
4467	Environmental controls on the geochemistry of <i>Globorotalia truncatulinoides</i> in the Gulf of Mexico: Implications for paleoceanographic reconstructions. <i>Marine Micropaleontology</i> , 2018, 142, 92-104.	0.5	11
4468	Origins of Biases in CMIP5 Models Simulating Northwest Pacific Summertime Atmospheric Circulation Anomalies during the Decaying Phase of ENSO. <i>Journal of Climate</i> , 2018, 31, 5707-5729.	1.2	13
4469	Effect of Horizontal Resolution on the Representation of the Global Monsoon Annual Cycle in AGCMs. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1003-1020.	1.9	11
4470	Anthropogenic and Natural Contributions to the Lengthening of the Summer Season in the Northern Hemisphere. <i>Journal of Climate</i> , 2018, 31, 6803-6819.	1.2	30
4471	Representation of the ENSO Combination Mode and its Asymmetric SST Response in Different Resolutions of HadGEM3. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1063-1076.	1.9	4
4472	A Higher-resolution Version of the Max Planck Institute Earth System Model (MPI-ESM1.2-HR). <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 1383-1413.	1.3	272
4473	<i>Cedrela nebulosa</i> : A novel species for dendroclimatological studies in the montane tropics of South America. <i>Dendrochronologia</i> , 2018, 50, 105-112.	1.0	16
4474	An investigation of CMIP5 model biases in simulating the impacts of central Pacific El Niño on the East Asian summer monsoon. <i>Climate Dynamics</i> , 2019, 52, 2631-2646.	1.7	13
4475	Interannual variability of March snow mass over Northern Eurasia and its relation to the concurrent and preceding surface air temperature, precipitation and atmospheric circulation. <i>Climate Dynamics</i> , 2019, 52, 2813-2836.	1.7	10
4476	Seasonal predictability of winter ENSO types in operational dynamical model predictions. <i>Climate Dynamics</i> , 2019, 52, 3869-3890.	1.7	51
4477	Impact of the cross-tropopause wind shear on tropical cyclone genesis over the Western North Pacific in May. <i>Climate Dynamics</i> , 2019, 52, 3845-3855.	1.7	7
4478	Elevation-dependent sensible heat flux trend over the Tibetan Plateau and its possible causes. <i>Climate Dynamics</i> , 2019, 52, 3997-4009.	1.7	18
4479	MJO evolution and predictability disclosed by the RMM variant with balanced MJO variance in convection and zonal winds. <i>Climate Dynamics</i> , 2019, 52, 2529-2543.	1.7	3
4480	Variability of summertime Tibetan tropospheric temperature and associated precipitation anomalies over the central-eastern Sahel. <i>Climate Dynamics</i> , 2019, 52, 1819-1835.	1.7	31
4481	Time-varying structure of the wintertime Eurasian pattern: role of the North Atlantic sea surface temperature and atmospheric mean flow. <i>Climate Dynamics</i> , 2019, 52, 2467-2479.	1.7	37
4482	Assessment of summer rainfall forecast skill in the Intra-Americas in GFDL high and low-resolution models. <i>Climate Dynamics</i> , 2019, 52, 1965-1982.	1.7	4
4483	Underlying mechanisms leading to El Niño-to-La Niña transition are unchanged under global warming. <i>Climate Dynamics</i> , 2019, 52, 1723-1738.	1.7	4

#	ARTICLE	IF	CITATIONS
4484	An asymmetric rainfall response to ENSO in East Asia. <i>Climate Dynamics</i> , 2019, 52, 2303-2318.	1.7	22
4485	The poleward shift of South Atlantic Convergence Zone in recent decades. <i>Climate Dynamics</i> , 2019, 52, 2545-2563.	1.7	51
4486	Patterns of tropical Pacific convection anomalies and associated extratropical wave trains in AMIP5. <i>Climate Dynamics</i> , 2019, 52, 2565-2584.	1.7	2
4487	Interdecadal changes in the asymmetric impacts of ENSO on wintertime rainfall over China and atmospheric circulations over western North Pacific. <i>Climate Dynamics</i> , 2019, 52, 7525-7536.	1.7	18
4488	The winter midlatitude-Arctic interaction: effects of North Atlantic SST and high-latitude blocking on Arctic sea ice and Eurasian cooling. <i>Climate Dynamics</i> , 2019, 52, 2981-3004.	1.7	69
4489	Prediction of summer hot extremes over the middle and lower reaches of the Yangtze River valley. <i>Climate Dynamics</i> , 2019, 52, 2943-2957.	1.7	20
4490	On the physical interpretation of the lead relation between Warm Water Volume and the El Niño Southern Oscillation. <i>Climate Dynamics</i> , 2019, 52, 2923-2942.	1.7	32
4491	Zonally asymmetric trends of winter total column ozone in the northern middle latitudes. <i>Climate Dynamics</i> , 2019, 52, 4483-4500.	1.7	19
4492	Quantifying the agreement between observed and simulated extratropical modes of interannual variability. <i>Climate Dynamics</i> , 2019, 52, 4057-4089.	1.7	40
4493	The leading interannual variability modes of winter surface air temperature over Southeast Asia. <i>Climate Dynamics</i> , 2019, 52, 4715-4734.	1.7	22
4494	Long-range dependence, nonlinear trend, and breaks in historical sea surface and land air surface global and regional temperature anomalies. <i>Theoretical and Applied Climatology</i> , 2019, 137, 177-185.	1.3	5
4495	Significant seasonal contrast in the Arabian Sea during deglaciation: Evidence from oxygen isotopic analyses of individual planktic foraminifera. <i>Quaternary International</i> , 2019, 503, 163-169.	0.7	1
4496	Decadal change in the relationship between East Asian spring circulation and ENSO: Is it modulated by Pacific Decadal Oscillation?. <i>International Journal of Climatology</i> , 2019, 39, 172-187.	1.5	7
4497	Why SST trend in North Pacific is peculiarly negative against warming trend elsewhere since 1958. <i>Climate Dynamics</i> , 2019, 52, 4447-4461.	1.7	2
4498	Global ocean heat content redistribution during the 1998–2012 Interdecadal Pacific Oscillation negative phase. <i>Climate Dynamics</i> , 2019, 53, 1187-1208.	1.7	17
4499	Loss of predictive skill of Indian summer monsoon rainfall in NCEP CFSv2 due to misrepresentation of Atlantic zonal mode. <i>Climate Dynamics</i> , 2019, 52, 4599-4619.	1.7	16
4500	Contrasting trends in southwest monsoon rainfall over the Western Ghats region of India. <i>Climate Dynamics</i> , 2019, 52, 4557-4566.	1.7	77
4501	Anthropogenic impacts on recent decadal change in temperature extremes over China: relative roles of greenhouse gases and anthropogenic aerosols. <i>Climate Dynamics</i> , 2019, 52, 3643-3660.	1.7	33

#	ARTICLE	IF	CITATIONS
4502	Quantifying the effects of observational constraints and uncertainty in atmospheric forcing on historical ocean reanalyses. <i>Climate Dynamics</i> , 2019, 52, 3321-3342.	1.7	4
4503	Evolution of IOD-ENSO relationship at multiple time scales. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1303-1309.	1.3	12
4504	Interdecadal modulation of the Atlantic Multi-decadal Oscillation (AMO) on southwest China's temperature over the past 250 years. <i>Climate Dynamics</i> , 2019, 52, 2055-2065.	1.7	23
4505	Evaluation of the HadGEM3-A simulations in view of detection and attribution of human influence on extreme events in Europe. <i>Climate Dynamics</i> , 2019, 52, 1187-1210.	1.7	34
4506	Linear and nonlinear winter atmospheric responses to extreme phases of low frequency Pacific sea surface temperature variability. <i>Climate Dynamics</i> , 2019, 52, 49-68.	1.7	5
4507	The phase differences of the interdecadal variabilities of tropical cyclone activity in the peak and late seasons over the western North Pacific. <i>Theoretical and Applied Climatology</i> , 2019, 136, 77-83.	1.3	6
4508	Decadal modulation of the relationship between intraseasonal tropical variability and ENSO. <i>Climate Dynamics</i> , 2019, 52, 2091-2103.	1.7	10
4509	The Angola Low: relationship with southern African rainfall and ENSO. <i>Climate Dynamics</i> , 2019, 52, 1783-1803.	1.7	42
4510	Interannual globally synchronized variations in the climate system and their predictability. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 231, 012046.	0.2	0
4511	Biodiversity-ecosystem functioning relationships in fish communities: biomass is related to evenness and the environment, not to species richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191189.	1.2	58
4512	Metrics for understanding large-scale controls of multivariate temperature and precipitation variability. <i>Climate Dynamics</i> , 2019, 53, 3805-3823.	1.7	12
4513	Experimental Study on Kinetic Behaviors of Natural Gas Hydrate Production via Continuous Simulated Seawater Injection. <i>Energy & Fuels</i> , 2019, 33, 8222-8230.	2.5	9
4514	Oceanic and radiative forcing of medieval megadroughts in the American Southwest. <i>Science Advances</i> , 2019, 5, eaax0087.	4.7	45
4515	Summer Climate Change in the Midwest and Great Plains due to Agricultural Development during the Twentieth Century. <i>Journal of Climate</i> , 2019, 32, 5583-5599.	1.2	18
4516	Variability of Sea Level and Upper-Ocean Heat Content in the Indian Ocean: Effects of Subtropical Indian Ocean Dipole and ENSO. <i>Journal of Climate</i> , 2019, 32, 7227-7245.	1.2	25
4517	Benguela Ni \pm os and Benguela Ni \pm as in Forced Ocean Simulation From 1958 to 2015. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5923-5951.	1.0	27
4518	Coral Records of Temperature and Salinity in the Tropical Western Pacific Reveal Influence of the Pacific Decadal Oscillation Since the Late Nineteenth Century. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1344-1358.	1.3	14
4519	Statistical Learning Methods as a Basis for Skillful Seasonal Temperature Forecasts in Europe. <i>Journal of Climate</i> , 2019, 32, 5363-5379.	1.2	11

#	ARTICLE	IF	CITATIONS
4520	Effect of El Niño on the response ratio of Hadley circulation to different SST meridional structures. <i>Climate Dynamics</i> , 2019, 53, 3877-3891.	1.7	17
4521	Influence of Natural Climate Variability on the Extreme Ocean Surface Wave Heights Over the Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6176-6199.	1.0	42
4522	Role of Eurasian Snow Cover in Linking Winter–Spring Eurasian Coldness to the Autumn Arctic Sea Ice Retreat. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 9205-9221.	1.2	28
4523	Large Uncertainties in Estimation of Tropical Tropopause Temperature Variabilities Due to Model Vertical Resolution. <i>Geophysical Research Letters</i> , 2019, 46, 10043-10052.	1.5	14
4524	Arctic–Eurasian climate linkage induced by tropical ocean variability. <i>Nature Communications</i> , 2019, 10, 3441.	5.8	41
4525	Multi-scale interactions in a high-resolution tropical-belt experiment and observations. <i>Climate Dynamics</i> , 2019, 52, 3503-3532.	1.7	11
4526	An empirical adjusted ENSO ocean energetics framework based on observational wind power in the tropical Pacific. <i>Climate Dynamics</i> , 2019, 53, 3271-3288.	1.7	6
4527	ENSO Asymmetry in the CAMS-CSM. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 507-528.	1.3	3
4528	Solar insolation driven periodicities in southwest monsoon and its impact on NE Arabian Sea paleoceanography. <i>Geoscience Frontiers</i> , 2019, 10, 2251-2263.	4.3	14
4529	Robust Solar Signature in Late Winter Precipitation Over Southern China. <i>Geophysical Research Letters</i> , 2019, 46, 9940-9948.	1.5	9
4530	Tropical cyclone sensitivities to CO2 doubling: roles of atmospheric resolution, synoptic variability and background climate changes. <i>Climate Dynamics</i> , 2019, 53, 5999-6033.	1.7	114
4531	Combined effect of the QBO and ENSO on the MJO. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 170-176.	0.5	18
4532	Does increased atmospheric resolution improve seasonal climate predictions?. <i>Atmospheric Science Letters</i> , 2019, 20, e922.	0.8	57
4533	Variation of Anomalous Convergence Around Kalimantan Island in Lower Troposphere and Its Role in Connecting the East Asian Summer Monsoon and Australian Winter Monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6892-6903.	1.2	6
4534	Effectiveness of CMIP5 Decadal Experiments for Interannual Rainfall Prediction Over Australia. <i>Water Resources Research</i> , 2019, 55, 7400-7418.	1.7	11
4535	Dimensionality Reduction and Network Inference for Climate Data Using <i>MAPS</i> : Application to the CESM Large Ensemble Sea Surface Temperature. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 1479-1515.	1.3	16
4536	Enhancing Skill of Initialized Decadal Predictions Using a Dynamic Model of Drift. <i>Geophysical Research Letters</i> , 2019, 46, 9991-9999.	1.5	7
4537	Impacts of recent decadal changes in Asian aerosols on the East Asian summer monsoon: roles of aerosol–radiation and aerosol–cloud interactions. <i>Climate Dynamics</i> , 2019, 53, 3235-3256.	1.7	62

#	ARTICLE	IF	CITATIONS
4538	El Niño–East Asian monsoon teleconnection and its diversity in CMIP5 models. <i>Climate Dynamics</i> , 2019, 53, 6417-6435.	1.7	14
4539	Recognition of two dominant modes of EASM and its thermal driving factors based on 25 monsoon indexes. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 278-285.	0.5	8
4540	Isolating the Observed Influence of Vegetation Variability on the Climate of La Plata River Basin. <i>Journal of Climate</i> , 2019, 32, 4473-4490.	1.2	10
4541	Forest loss in Brazil increases maximum temperatures within 50 km. <i>Environmental Research Letters</i> , 2019, 14, 084047.	2.2	38
4542	Skill of dynamical and GHACOF consensus seasonal forecasts of East African rainfall. <i>Climate Dynamics</i> , 2019, 53, 4911-4935.	1.7	41
4543	Impact of air–sea coupling on Northern Hemisphere summer climate and the monsoon–desert teleconnection. <i>Climate Dynamics</i> , 2019, 53, 5063-5078.	1.7	3
4544	Weak linkage of winter surface air temperature over Northeast Asia with East Asian winter monsoon during 1993–2003. <i>Climate Dynamics</i> , 2019, 53, 6107-6124.	1.7	7
4545	The Decadal Variability of the Global Monsoon Links to the North Atlantic Climate Since 1851. <i>Geophysical Research Letters</i> , 2019, 46, 9054-9063.	1.5	20
4546	The Polar Stratosphere as an Arbiter of the Projected Tropical Versus Polar Tug of War. <i>Geophysical Research Letters</i> , 2019, 46, 9261-9270.	1.5	6
4547	Impacts of Summer North Atlantic Sea Surface Temperature Anomalies on the East Asian Winter Monsoon Variability. <i>Journal of Climate</i> , 2019, 32, 6513-6532.	1.2	21
4548	Explaining Differences Between Recent Model and Satellite Tropospheric Warming Rates With Tropical SSTs. <i>Geophysical Research Letters</i> , 2019, 46, 9023-9030.	1.5	11
4549	Fish communities diverge in species but converge in traits over three decades of warming. <i>Global Change Biology</i> , 2019, 25, 3972-3984.	4.2	41
4550	Impact of SST diurnal cycle on ENSO asymmetry. <i>Climate Dynamics</i> , 2019, 52, 2399-2411.	1.7	11
4551	Variations in atmospheric perturbation potential energy associated with the South China Sea summer monsoon. <i>Climate Dynamics</i> , 2019, 53, 2295-2308.	1.7	4
4552	West African sea level variability under a changing climate – what can we learn from the observational period?. <i>Journal of Coastal Conservation</i> , 2019, 23, 759-771.	0.7	5
4553	Impacts of Central Pacific El Niño on Southern China Spring Precipitation Controlled by its Longitudinal Position. <i>Journal of Climate</i> , 2019, 32, 7823-7836.	1.2	27
4554	Interannual linkage between wintertime sea-ice cover variability over the Barents Sea and springtime vegetation over Eurasia. <i>Climate Dynamics</i> , 2019, 53, 5637-5652.	1.7	11
4555	Some environmental and biological determinants of coral richness, resilience and reef building in Galápagos (Ecuador). <i>Scientific Reports</i> , 2019, 9, 10322.	1.6	10

#	ARTICLE	IF	CITATIONS
4556	Atmospheric pathway between Atlantic multidecadal variability and European summer temperature in the atmospheric general circulation model ECHAM6. <i>Climate Dynamics</i> , 2019, 53, 209-224.	1.7	8
4557	Modification of the wintertime Pacificâ€œNorth American pattern related North American climate anomalies by the Asianâ€œBeringâ€œNorth American teleconnection. <i>Climate Dynamics</i> , 2019, 53, 313-328.	1.7	14
4558	Effect of the mean flow on the anomalous anticyclone over the Indo-Northwest Pacific in post-El NiÃ±o summers. <i>Climate Dynamics</i> , 2019, 53, 5725-5741.	1.7	29
4559	Understanding Intermodel Diversity of CMIP5 Climate Models in Simulating East Asian Marginal Sea Surface Temperature in the Near Future (2020â€œ2049). <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5607-5617.	1.0	1
4560	Volcanically Triggered Ocean Warming Near the Antarctic Peninsula. <i>Scientific Reports</i> , 2019, 9, 9462.	1.6	6
4561	Distinct Patterns of Cloud Changes Associated with Decadal Variability and Their Contribution to Observed Cloud Cover Trends. <i>Journal of Climate</i> , 2019, 32, 7281-7301.	1.2	3
4562	Uncertainties in Arctic Sea Ice Thickness Associated with Different Atmospheric Reanalysis Datasets Using the CICE5 Model. <i>Atmosphere</i> , 2019, 10, 361.	1.0	1
4563	The interannual rainfall variability in Indonesia corresponding to El NiÃ±o Southern Oscillation and Indian Ocean Dipole. <i>Acta Oceanologica Sinica</i> , 2019, 38, 57-66.	0.4	19
4564	Seasonal predictability of high sea level frequency using ENSO patterns along the U.S. West Coast. <i>Advances in Water Resources</i> , 2019, 131, 103377.	1.7	6
4565	The atmospheric responses to the intensity variability of subtropical front in the wintertime North Pacific. <i>Climate Dynamics</i> , 2019, 52, 5623-5639.	1.7	36
4566	Sensitivity Study of North Atlantic Summer Cyclone Activity in Dynamical Downscaled Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 7599-7616.	1.2	1
4567	More extreme marine heatwaves in the China Seas during the global warming hiatus. <i>Environmental Research Letters</i> , 2019, 14, 104010.	2.2	48
4568	Season-dependent predictability barrier for two types of El NiÃ±o revealed by an approach to data analysis for predictability. <i>Climate Dynamics</i> , 2019, 53, 5561-5581.	1.7	23
4569	A novel method to test non-exclusive hypotheses applied to Arctic ice projections from dependent models. <i>Nature Communications</i> , 2019, 10, 3016.	5.8	6
4570	Future precipitation changes over Panama projected with the atmospheric global model MRI-AGCM3.2. <i>Climate Dynamics</i> , 2019, 53, 5019-5034.	1.7	11
4571	Quasi-stationary extratropical wave trains associated with distinct tropical Pacific seasonal mean convection patterns: observational and AMIP model results. <i>Climate Dynamics</i> , 2019, 53, 2451-2476.	1.7	4
4572	Late onsets of tropical cyclones in the decaying years of super El NiÃ±o events. <i>Acta Oceanologica Sinica</i> , 2019, 38, 67-73.	0.4	1
4573	Contrasting Conditions in the U.K. Winter of 2015/16 as a Result of Remote Tropical Influences. <i>Journal of Climate</i> , 2019, 32, 3227-3243.	1.2	7

#	ARTICLE	IF	CITATIONS
4574	Modulation of the Impacts of the Indian Ocean Basin Mode on Tropical Cyclones over the Northwest Pacific during the Boreal Summer by La Niña Modoki. <i>Journal of Climate</i> , 2019, 32, 3313-3326.	1.2	17
4575	What Controls the Duration of El Niño and La Niña Events?. <i>Journal of Climate</i> , 2019, 32, 5941-5965.	1.2	58
4576	Climate inference on daily rainfall across the Australian continent, 1876–2015. <i>Annals of Applied Statistics</i> , 2019, 13, .	0.5	6
4577	Decadal SST Variability in the Southeast Indian Ocean and Its Impact on Regional Climate. <i>Journal of Climate</i> , 2019, 32, 6299-6318.	1.2	20
4578	Seasonal precipitation change in the Western North Pacific and East Asia under global warming in two high-resolution AGCMs. <i>Climate Dynamics</i> , 2019, 53, 5583-5605.	1.7	19
4579	Influence of Indian Ocean Dipole on Tropical Cyclone Activity over Western North Pacific in Boreal Autumn. <i>Journal of Ocean University of China</i> , 2019, 18, 795-802.	0.6	13
4580	Global Evaluation of Proxy System Models for Stable Water Isotopes With Realistic Atmospheric Forcing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 8972-8993.	1.2	19
4581	On the Linearity of the Stratospheric and Euro-Atlantic Sector Response to ENSO. <i>Journal of Climate</i> , 2019, 32, 6607-6626.	1.2	25
4582	Influence of Intraseasonal Oscillation on the Asymmetric Decays of El Niño and La Niña. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 779-792.	1.9	7
4583	Possible impact of North Atlantic warming on the decadal change in the dominant modes of winter Eurasian snow water equivalent during 1979–2015. <i>Climate Dynamics</i> , 2019, 53, 5203-5213.	1.7	9
4584	Dominant modes of CMIP3/5 models simulating northwest Pacific circulation anomalies during post-ENSO summer and their SST dependence. <i>Theoretical and Applied Climatology</i> , 2019, 138, 1809-1820.	1.3	5
4585	“The Blob” - or, how unusual were ocean temperatures in the Northeast Pacific during 2014-2018?. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 150, 103061.	0.6	13
4586	An El Niño Mode in the Glacial Indian Ocean?. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1316-1327.	1.3	22
4587	Risks of Pre-Monsoon Extreme Rainfall Events of Bangladesh: Is Anthropogenic Climate Change Playing a Role?. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, S61-S65.	1.7	21
4588	Response of the Indian Ocean to the Tibetan Plateau Thermal Forcing in Late Spring. <i>Journal of Climate</i> , 2019, 32, 6917-6938.	1.2	12
4589	Evaluating ENSO teleconnections using observations and CMIP5 models. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1085-1098.	1.3	15
4590	Formation of contrasting March surface air temperature trends in the eastern Bering Sea and the Sea of Okhotsk during 1979–2015. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1467-1477.	1.3	0
4591	Sea salt aerosol production via sublimating wind-blown saline snow particles over sea ice: parameterizations and relevant microphysical mechanisms. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8407-8424.	1.9	33

#	ARTICLE	IF	CITATIONS
4592	Spatial Distribution of Extreme Rainfall Events During 2017 Southwest Monsoon over Indian Subcontinent. <i>Pure and Applied Geophysics</i> , 2019, 176, 5431-5443.	0.8	24
4593	Elucidating observed land surface feedbacks across sub-Saharan Africa. <i>Climate Dynamics</i> , 2019, 53, 1741-1763.	1.7	10
4594	A unified complex index to characterize two types of ENSO simultaneously. <i>Scientific Reports</i> , 2019, 9, 8373.	1.6	15
4595	Multi-climate mode interactions drive hydrological and vegetation responses to hydroclimatic extremes in Australia. <i>Remote Sensing of Environment</i> , 2019, 231, 111270.	4.6	31
4596	ENSO Diversity from an Atmospheric Perspective. <i>Current Climate Change Reports</i> , 2019, 5, 245-257.	2.8	42
4597	Seasonal Responses of Precipitation in China to El Niño and Positive Indian Ocean Dipole Modes. <i>Atmosphere</i> , 2019, 10, 372.	1.0	20
4598	Regional Arctic Amplification by a Fast Atmospheric Response to Anthropogenic Sulfate Aerosol Forcing in China. <i>Journal of Climate</i> , 2019, 32, 6337-6348.	1.2	3
4599	Evaluating the Relationship between Interannual Variations in the Antarctic Ozone Hole and Southern Hemisphere Surface Climate in Chemistry-Climate Models. <i>Journal of Climate</i> , 2019, 32, 3131-3151.	1.2	13
4600	North Atlantic Rossby Wave Breaking during the Hurricane Season: Association with Tropical and Extratropical Variability. <i>Journal of Climate</i> , 2019, 32, 3777-3801.	1.2	17
4601	Moist Static Energy Budget Analysis of Tropical Cyclone Intensification in High-Resolution Climate Models. <i>Journal of Climate</i> , 2019, 32, 6071-6095.	1.2	30
4602	Numerical Simulation of Variations in Ozone Content, Erythemal Ultraviolet Radiation, and Ultraviolet Resources over Northern Eurasia in the 21st Century. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2019, 55, 242-250.	0.2	6
4603	Natural decadal sea-level variability in the Indian Ocean: lessons from CMIP models. <i>Climate Dynamics</i> , 2019, 53, 5653-5673.	1.7	2
4604	Enhanced impact of Arctic sea ice change during boreal autumn on the following spring Arctic oscillation since the mid-1990s. <i>Climate Dynamics</i> , 2019, 53, 5607-5621.	1.7	22
4605	Can We Detect Changes in Amazon Forest Structure Using Measurements of the Isotopic Composition of Precipitation?. <i>Geophysical Research Letters</i> , 2019, 46, 14807-14816.	1.5	7
4606	An Interdecadal Shift of the Extratropical Teleconnection From the Tropical Pacific During Boreal Summer. <i>Geophysical Research Letters</i> , 2019, 46, 13379-13388.	1.5	11
4607	On the Mechanisms of the Active 2018 Tropical Cyclone Season in the North Pacific. <i>Geophysical Research Letters</i> , 2019, 46, 12293-12302.	1.5	15
4608	The Relationship Between South Pacific Atmospheric Internal Variability and ENSO in the North American Multimodel Ensemble Phase-II Models. <i>Geophysical Research Letters</i> , 2019, 46, 12398-12407.	1.5	3
4609	Interdecadal Changes in the Dominant Modes of the Interannual Variation of Spring Precipitation over China in the Mid-1980s. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10676-10695.	1.2	20

#	ARTICLE	IF	CITATIONS
4610	Ocean and atmosphere influence on the 2015 European heatwave. <i>Environmental Research Letters</i> , 2019, 14, 114035.	2.2	18
4611	Warming Amplifies the Frequency of Harmful Algal Blooms with Eutrophication in Chinese Coastal Waters. <i>Environmental Science & Technology</i> , 2019, 53, 13031-13041.	4.6	82
4612	Culprit of the Eastern Pacific Double-ITCZ Bias in the NCAR CESM1.2. <i>Journal of Climate</i> , 2019, 32, 6349-6364.	1.2	9
4613	Climate-mode initialization for decadal climate predictions. <i>Climate Dynamics</i> , 2019, 53, 7097-7111.	1.7	8
4614	The North Pacific Pacemaker Effect on Historical ENSO and Its Mechanisms. <i>Journal of Climate</i> , 2019, 32, 7643-7661.	1.2	48
4615	Changes in the sensitivity of tropical rainfall response to local sea surface temperature anomalies under global warming. <i>International Journal of Climatology</i> , 2019, 39, 5801-5814.	1.5	14
4616	Simulated coordinated impacts of the previous autumn North Atlantic Oscillation (NAO) and winter El Niño on winter aerosol concentrations over eastern China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10787-10800.	1.9	23
4617	Nonlinear response of Northern Hemisphere stratospheric polar vortex to the Indo-Pacific warm pool (IPWP) Niño. <i>Scientific Reports</i> , 2019, 9, 13719.	1.6	4
4618	Increases and decreases in marine disease reports in an era of global change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191718.	1.2	54
4619	Interactions between Kuroshio Extension and Central Tropical Pacific lead to preferred decadal-timescale oscillations in Pacific climate. <i>Scientific Reports</i> , 2019, 9, 13558.	1.6	37
4620	Early start of 20th-century Arctic sea-ice decline recorded in Svalbard coralline algae. <i>Geology</i> , 2019, 47, 963-967.	2.0	26
4621	Mechanisms Reducing ENSO Amplitude and Asymmetry via an Enhanced Seasonal Cycle in the Mid-Holocene. <i>Journal of Climate</i> , 2019, 32, 8069-8085.	1.2	3
4622	Coupled Modes of North Atlantic Ocean-Atmosphere Variability and the Onset of the Little Ice Age. <i>Geophysical Research Letters</i> , 2019, 46, 12417-12426.	1.5	10
4623	State of the UK climate 2018. <i>International Journal of Climatology</i> , 2019, 39, 1-55.	1.5	76
4624	Reply to "Towards a more balanced assessment of the dynamics of North Atlantic ecosystems" a comment on Drinkwater and Kristiansen (2018). <i>ICES Journal of Marine Science</i> , 2019, 76, 2495-2499.	1.2	0
4625	An Improved ENSO Ensemble Forecasting Strategy Based on Multiple Coupled Model Initialization Parameters. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2868-2878.	1.3	3
4626	The Role of Buoy and Argo Observations in Two SST Analyses in the Global and Tropical Pacific Oceans. <i>Journal of Climate</i> , 2019, 32, 2517-2535.	1.2	22
4627	Global Climate Simulated by the Seoul National University Atmosphere Model Version 0 with a Unified Convection Scheme (SAM0-UNICON). <i>Journal of Climate</i> , 2019, 32, 2917-2949.	1.2	76

#	ARTICLE	IF	CITATIONS
4628	Climate Prediction of Satellite-Based Spring Eurasian Vegetation Index (NDVI) using Coupled Singular Value Decomposition (SVD) Patterns. <i>Remote Sensing</i> , 2019, 11, 2123.	1.8	7
4629	Skilful Real-Time Seasonal Forecasts of the Dry Northern European Summer 2018. <i>Geophysical Research Letters</i> , 2019, 46, 12368-12376.	1.5	16
4630	UKESM1: Description and Evaluation of the U.K. Earth System Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4513-4558.	1.3	448
4631	Causes of large projected increases in hurricane precipitation rates with global warming. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	2.6	66
4632	The roles of tropical and subtropical wind stress anomalies in the El Niño Modoki onset. <i>Climate Dynamics</i> , 2019, 52, 6585-6597.	1.7	23
4633	Interdecadal variation of Indian Ocean basin mode and the impact on Asian summer climate. <i>Geophysical Research Letters</i> , 2019, 46, 12388-12397.	1.5	35
4634	The DOE E3SM Coupled Model Version 1: Description and Results at High Resolution. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4095-4146.	1.3	112
4636	Structure and Performance of GFDL's CM4.0 Climate Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 3691-3727.	1.3	242
4637	Drivers of the UK summer heatwave of 2018. <i>Weather</i> , 2019, 74, 390-396.	0.6	46
4638	Spatio-temporal variability of surface water pCO ₂ and nutrients in the tropical Pacific from 1981 to 2015. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 169-170, 104680.	0.6	6
4639	Evaluation of CNRM Earth System Model, CNRM-ESM2-1: Role of Earth System Processes in Present-Day and Future Climate. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4182-4227.	1.3	309
4640	Asymmetry of Atmospheric Responses to Two-Type El Niño and La Niña over Northwest Pacific. <i>Journal of Meteorological Research</i> , 2019, 33, 826-836.	0.9	5
4641	Assessment of CMIP5 Models Based on the Interdecadal Relationship between the PDO and Winter Temperature in China. <i>Atmosphere</i> , 2019, 10, 597.	1.0	6
4642	Forecast-Oriented Assessment of Decadal Hindcast Skill for North Atlantic SST. <i>Geophysical Research Letters</i> , 2019, 46, 11444-11454.	1.5	15
4643	On the Variability of Arabian Sea Mixing and its Energetics. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7817-7836.	1.0	11
4644	Drought and climate teleconnection and drought monitoring. , 2019, , 275-295.		4
4645	Shallow Water Muddy Sands of the North-West Atlantic Ocean. , 2019, , 128-163.		0
4646	Decadal Changes in Interannual Dependence of the Bay of Bengal Summer Monsoon Onset on ENSO Modulated by the Pacific Decadal Oscillation. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 1404-1416.	1.9	13

#	ARTICLE	IF	CITATIONS
4647	Convectively Coupled Equatorial Waves Simulated by CAMS-CSM. <i>Journal of Meteorological Research</i> , 2019, 33, 949-959.	0.9	5
4648	Observational Evidence for Two Modes of Coupling Between Sea Surface Temperatures, Tropospheric Temperature Profile, and Shortwave Cloud Radiative Effect in the Tropics. <i>Geophysical Research Letters</i> , 2019, 46, 9890-9898.	1.5	37
4649	On the Delayed Coupling Between Ocean and Atmosphere in Recent Weak El Niño Episodes. <i>Geophysical Research Letters</i> , 2019, 46, 11416-11425.	1.5	15
4650	Indian Ocean Warming Trend Reduces Pacific Warming Response to Anthropogenic Greenhouse Gases: An Interbasin Thermostat Mechanism. <i>Geophysical Research Letters</i> , 2019, 46, 10882-10890.	1.5	64
4651	Stand-alone Eastern Pacific Coastal Warming Events. <i>Geophysical Research Letters</i> , 2019, 46, 12360-12367.	1.5	7
4652	Modeling the Sources and Chemistry of Polar Tropospheric Halogens (Cl, Br, and I) Using the CAM-Chem Global Chemistry-Climate Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2259-2289.	1.3	31
4653	Connection between Two Leading Modes of Autumn Rainfall Interannual Variability in Southeast China and Two Types of ENSO-Like SSTA. <i>Advances in Meteorology</i> , 2019, 2019, 1-14.	0.6	2
4654	Tropical and Midlatitude Impact on Seasonal Polar Predictability in the Community Earth System Model. <i>Journal of Climate</i> , 2019, 32, 5997-6014.	1.2	7
4655	The Value of Sustained Ocean Observations for Sea Ice Predictions in the Barents Sea. <i>Journal of Climate</i> , 2019, 32, 7017-7035.	1.2	14
4656	A Deficit of Seasonal Temperature Forecast Skill over West Coast Regions in NMME. <i>Weather and Forecasting</i> , 2019, 34, 833-848.	0.5	2
4657	Composite physical-biological El Niño and La Niña conditions in the California Current System in CESM1-POP2-BEC. <i>Ocean Modelling</i> , 2019, 142, 101439.	1.0	5
4658	Role of Sea Surface Temperatures in Forcing Circulation Anomalies Driving U.S. Great Plains Pluvial Years. <i>Journal of Climate</i> , 2019, 32, 7081-7100.	1.2	4
4659	On the Seasonality of the El Niño Teleconnection to the Amundsen Sea Region. <i>Journal of Climate</i> , 2019, 32, 4829-4845.	1.2	34
4660	The Application of Machine Learning Techniques to Improve El Niño Prediction Skill. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	40
4661	Added Value of Atmosphere-Ocean Coupling in a Century-Long Regional Climate Simulation. <i>Atmosphere</i> , 2019, 10, 537.	1.0	14
4662	Improved tropospheric and stratospheric sulfur cycle in the aerosol-chemistry climate model SOCOL-AERv2. <i>Geoscientific Model Development</i> , 2019, 12, 3863-3887.	1.3	31
4663	E3SMv0-HiLAT: A Modified Climate System Model Targeted for the Study of High-Latitude Processes. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2814-2843.	1.3	9
4664	Observed El Niño-La Niña Asymmetry in a Linear Model. <i>Geophysical Research Letters</i> , 2019, 46, 9909-9919.	1.5	18

#	ARTICLE	IF	CITATIONS
4665	Ocean Dynamics Shapes the Structure and Timing of Atlantic Equatorial Modes. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7529-7544.	1.0	24
4666	A 391-Year Summer Temperature Reconstruction of the Tien Shan, Reveals Far-Reaching Summer Temperature Signals Over the Midlatitude Eurasian Continent. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11850-11862.	1.2	16
4667	Ocean-Atmosphere Trajectories of Extended Drought in Southwestern North America. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 8953-8971.	1.2	6
4668	Global Monsoon Responses to Decadal Sea Surface Temperature Variations during the Twentieth Century: Evidence from AGCM Simulations. <i>Journal of Climate</i> , 2019, 32, 7675-7695.	1.2	15
4669	Variations in the Frequency of Winter Extreme Cold Days in Northern China and Possible Causalities. <i>Journal of Climate</i> , 2019, 32, 8127-8141.	1.2	8
4670	The Linear Sensitivity of the North Atlantic Oscillation and Eddy-Driven Jet to SSTs. <i>Journal of Climate</i> , 2019, 32, 6491-6511.	1.2	18
4671	Interdecadal Variation of the Relationship between East Asian Water Vapor Transport and Tropical Pacific Sea Surface Temperatures during January and Associated Mechanisms. <i>Journal of Climate</i> , 2019, 32, 7575-7594.	1.2	13
4672	Projected near term changes in the East Asian summer monsoon and its uncertainty. <i>Environmental Research Letters</i> , 2019, 14, 084038.	2.2	9
4673	A comparison of full-field and anomaly initialization for seasonal prediction of Indian Ocean basin mode. <i>Climate Dynamics</i> , 2019, 53, 6089-6104.	1.7	8
4674	Contribution of El Niño amplitude change to tropical Pacific precipitation decline in the late 1990s. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 355-360.	0.5	5
4675	Weakening Atlantic Niño-Pacific connection under greenhouse warming. <i>Science Advances</i> , 2019, 5, eaax4111.	4.7	42
4676	South Pacific Decadal Climate Variability and Potential Predictability. <i>Journal of Climate</i> , 2019, 32, 6051-6069.	1.2	17
4677	Month-to-Month Variability of Winter Temperature over Northeast China Linked to Sea Ice over the Davis Strait-Baffin Bay and the Barents-Kara Sea. <i>Journal of Climate</i> , 2019, 32, 6365-6384.	1.2	30
4678	Sixty Years of Widespread Warming in the Southern Middle and High Latitudes (1957-2016). <i>Journal of Climate</i> , 2019, 32, 6875-6898.	1.2	49
4679	Potential Predictability of North China Summer Drought. <i>Journal of Climate</i> , 2019, 32, 7247-7264.	1.2	11
4680	Evolution of South Tropical Indian Ocean Warming and the Climatic Impacts Following Strong El Niño Events. <i>Journal of Climate</i> , 2019, 32, 7329-7347.	1.2	45
4681	Modulation of the Northern Winter Stratospheric El Niño-Pacific Southern Oscillation Teleconnection by the PDO. <i>Journal of Climate</i> , 2019, 32, 5761-5783.	1.2	29
4682	Impact of temperature on the growth of a Neotropical tree species (<i>Hymenaea courbaril</i> , Fabaceae) at its southern distribution limit. <i>International Journal of Biometeorology</i> , 2019, 63, 1683-1692.	1.3	6

#	ARTICLE	IF	CITATIONS
4683	The Pacific Meridional Mode and ENSO: a Review. <i>Current Climate Change Reports</i> , 2019, 5, 296-307.	2.8	110
4684	On the interpretation of seasonal Southern Africa precipitation prediction skill estimates during Austral summer. <i>Climate Dynamics</i> , 2019, 53, 6769-6783.	1.7	4
4685	Separating the role of direct radiative heating and photolysis in modulating the atmospheric response to the amplitude of the 11-year solar cycle forcing. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 9833-9846.	1.9	3
4686	Cloud Radiative Feedbacks during the ENSO Cycle Simulated by CAMS-CSM. <i>Journal of Meteorological Research</i> , 2019, 33, 666-677.	0.9	4
4687	Land-atmosphere interaction over the Indo-China Peninsula during spring and its effect on the following summer climate over the Yangtze River basin. <i>Climate Dynamics</i> , 2019, 53, 6181-6198.	1.7	35
4688	The role of surface air temperature over the East Asia on the early and late Indian Summer Monsoon Onset over Kerala. <i>Scientific Reports</i> , 2019, 9, 11756.	1.6	8
4689	Long-lead ENSO control of the boreal summer intraseasonal oscillation in the East Asian-western North Pacific region. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	2.6	10
4690	Quantifying the importance of interannual, interdecadal and multidecadal climate natural variabilities in the modulation of global warming rates. <i>Climate Dynamics</i> , 2019, 53, 6715-6727.	1.7	23
4691	Extreme Snow Events along the Coast of the Northeast United States: Analysis of Observations and HiRAM Simulations. <i>Journal of Climate</i> , 2019, 32, 7561-7574.	1.2	6
4692	Understanding the variability of Australian fire weather between 1973 and 2017. <i>PLoS ONE</i> , 2019, 14, e0222328.	1.1	88
4693	Decadal-Multidecadal Variations of Asian Summer Rainfall from the Little Ice Age to the Present. <i>Journal of Climate</i> , 2019, 32, 7663-7674.	1.2	11
4694	Roles of atmospheric physics and model resolution in the simulation of two types of El Niño. <i>Ocean Modelling</i> , 2019, 143, 101468.	1.0	5
4695	The Intertidal Zone of the North-East Atlantic Region. , 2019, , 7-46.		18
4696	“Eastern African Paradox” rainfall decline due to shorter not less intense Long Rains. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	2.6	83
4697	Possible mechanisms for the coupling between late spring sea surface temperature anomalies over tropical Atlantic and East Asian summer monsoon. <i>Climate Dynamics</i> , 2019, 53, 6995-7009.	1.7	22
4698	Streamflow response to climate change in the Greater Horn of Africa. <i>Climatic Change</i> , 2019, 156, 341-363.	1.7	24
4699	Seasonal Prediction of Midsummer Extreme Precipitation Days over Northeast China. <i>Journal of Applied Meteorology and Climatology</i> , 2019, 58, 2033-2048.	0.6	19
4700	Assessment of Arctic sea ice simulations in CMIP5 models using a synthetical skill scoring method. <i>Acta Oceanologica Sinica</i> , 2019, 38, 48-58.	0.4	4

#	ARTICLE	IF	CITATIONS
4701	Interdecadal change in the South Asian summer monsoon rainfall in 2000 and contributions from regional tropical SST. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 399-408.	0.5	12
4702	Impacts of Changes of External Forcings from CMIP5 to CMIP6 on Surface Temperature in FGOALS-g2. <i>Scientific Online Letters on the Atmosphere</i> , 2019, 15, 211-215.	0.6	12
4703	2018: The Hottest Summer in China and Possible Causes. <i>Journal of Meteorological Research</i> , 2019, 33, 577-592.	0.9	26
4704	A Modal Rendition of ENSO Diversity. <i>Scientific Reports</i> , 2019, 9, 14014.	1.6	8
4705	Recent Strengthening of the Regional Hadley Circulation over the Western Pacific during Boreal Spring. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 1251-1264.	1.9	17
4706	Observing Requirements for Long-Term Climate Records at the Ocean Surface. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	25
4707	Seasonal variability of the ocean mixed layer depth depending on the cape Ghir filament and the upwelling in the Moroccan Atlantic coast. <i>Materials Today: Proceedings</i> , 2019, 13, 637-645.	0.9	3
4708	Reexamining the relationship of La Niña and the East Asian Winter Monsoon. <i>Climate Dynamics</i> , 2019, 53, 779-791.	1.7	33
4709	Year-ahead predictability of South Asian Summer Monsoon precipitation. <i>Environmental Research Letters</i> , 2019, 14, 044006.	2.2	5
4710	Mesoscale Dynamics and Niche Segregation of Two Dinophysis Species in Galician-Portuguese Coastal Waters. <i>Toxins</i> , 2019, 11, 37.	1.5	17
4711	An evaluation method for uncertainties in regional climate projections. <i>Atmospheric Science Letters</i> , 2019, 20, e877.	0.8	6
4712	Climate Change and Atlantic Multidecadal Oscillation as Drivers of Recent Declines in Coral Growth Rates in the Southwestern Caribbean. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	4
4713	Seesaw haze pollution in North China modulated by the sub-seasonal variability of atmospheric circulation. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 565-576.	1.9	53
4714	The direct and ocean-mediated influence of Asian orography on tropical precipitation and cyclones. <i>Climate Dynamics</i> , 2019, 53, 805-824.	1.7	22
4715	Global Mean Surface Temperature Response to Large-scale Patterns of Variability in Observations and CMIP5. <i>Geophysical Research Letters</i> , 2019, 46, 2232-2241.	1.5	24
4716	Predictability of Multiyear Trends of the Pacific Decadal Oscillation in an MPI-ESM Hindcast Ensemble. <i>Geophysical Research Letters</i> , 2019, 46, 318-325.	1.5	18
4717	Pacific Ocean Forcing and Atmospheric Variability Are the Dominant Causes of Spatially Widespread Droughts in the Contiguous United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2507-2524.	1.2	10
4718	Long-term dietary shift and population decline of a pelagic seabird—A health check on the tropical Atlantic?. <i>Global Change Biology</i> , 2019, 25, 1383-1394.	4.2	16

#	ARTICLE	IF	CITATIONS
4719	On the role of the Atlantic Ocean in forcing tropic cyclones in the Arabian Sea. <i>Atmospheric Research</i> , 2019, 220, 120-124.	1.8	9
4720	Predictability of South China Sea Summer Monsoon Onset. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 253-260.	1.9	40
4721	The Changing Impact Mechanisms of a Diverse El Niño on the Western Pacific Subtropical High. <i>Geophysical Research Letters</i> , 2019, 46, 953-962.	1.5	47
4722	The changing relationship between ENSO and its extratropical response patterns. <i>Scientific Reports</i> , 2019, 9, 6507.	1.6	39
4723	Open-ocean polynyas and deep convection in the Southern Ocean. <i>Scientific Reports</i> , 2019, 9, 6935.	1.6	34
4724	Impacts of SIS and CICE as Sea Ice Components in BCC_CSM on the Simulation of the Arctic Climate. <i>Journal of Ocean University of China</i> , 2019, 18, 553-562.	0.6	4
4725	Possible Relationship between the Chukchi Sea Ice in the Early Winter and the February Haze Pollution in the North China Plain. <i>Journal of Climate</i> , 2019, 32, 5179-5190.	1.2	29
4726	Role of the South Pacific Convergence Zone in West Antarctic Decadal Climate Variability. <i>Geophysical Research Letters</i> , 2019, 46, 6900-6909.	1.5	18
4727	Eurasian Cold Air Outbreaks under Different Arctic Stratospheric Polar Vortex Strengths. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 1245-1264.	0.6	29
4728	Climate Variability and Change of Mediterranean-Type Climates. <i>Journal of Climate</i> , 2019, 32, 2887-2915.	1.2	132
4729	Interdecadal Variations in the Frequency of Persistent Hot Events in Boreal Summer over Midlatitude Eurasia. <i>Journal of Climate</i> , 2019, 32, 5161-5177.	1.2	14
4730	Juniper Tree-Ring Data from the Kuramin Range (Northern Tajikistan) Reveals Changing Summer Drought Signals in Western Central Asia. <i>Forests</i> , 2019, 10, 505.	0.9	14
4731	Interdecadal Change in the Intensity of Interannual Variation of Spring Precipitation over Southern China and Possible Reasons. <i>Journal of Climate</i> , 2019, 32, 5865-5881.	1.2	10
4732	Effects of glacier melting on the planktonic communities of two Antarctic coastal areas (Potter Cove) Tj ETQq1 1 0.784314 rgrBT /Ovele	0.4	10
4733	Teleconnection of Regional Drought to ENSO, PDO, and AMO: Southern Florida and the Everglades. <i>Atmosphere</i> , 2019, 10, 295.	1.0	22
4734	An Ensemble Data Set of Sea Surface Temperature Change From 1850: The Met Office Hadley Centre HadSST.4.0.0.0 Data Set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 7719-7763.	1.2	143
4735	Characteristics of the Discontinuity of Western Boundary Current in the Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4464-4479.	1.0	12
4736	Impact of ENSO 2016-17 on regional climate and malaria vector dynamics in Tanzania. <i>Environmental Research Letters</i> , 2019, 14, 075009.	2.2	16

#	ARTICLE	IF	CITATIONS
4737	Atmospheric Convection Dominates Genesis of ENSO Asymmetry. <i>Geophysical Research Letters</i> , 2019, 46, 8387-8396.	1.5	19
4738	Strengthening tropical Pacific zonal sea surface temperature gradient consistent with rising greenhouse gases. <i>Nature Climate Change</i> , 2019, 9, 517-522.	8.1	270
4739	Is the boreal spring tropical Atlantic variability a precursor of the Equatorial Mode?. <i>Climate Dynamics</i> , 2019, 53, 2339-2353.	1.7	25
4740	New insights into natural variability and anthropogenic forcing of global/regional climate evolution. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	2.6	34
4741	Response of early winter haze in the North China Plain to autumn Beaufort sea ice. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1439-1453.	1.9	32
4742	Links of climate variability in Arctic sea ice, Eurasian teleconnection pattern and summer surface ozone pollution in North China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3857-3871.	1.9	31
4743	Exploring accumulation-mode H ₂ SO ₄ versus SO ₂ stratospheric sulfate geoengineering in a sectional aerosol chemistry climate model. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4877-4897.	1.9	22
4744	Simulating the atmospheric response to the 11-year solar cycle forcing with the UM-UKCA model: the role of detection method and natural variability. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5209-5233.	1.9	7
4745	Large-scale transport into the Arctic: the roles of the midlatitude jet and the Hadley Cell. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5511-5528.	1.9	8
4746	Implication of strongly increased atmospheric methane concentrations for chemistry climate connections. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7151-7163.	1.9	19
4747	Effects of Arctic stratospheric ozone changes on spring precipitation in the northwestern United States. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 861-875.	1.9	16
4748	Assessing the robustness of Antarctic temperature reconstructions over the past 2 millennia using pseudoproxy and data assimilation experiments. <i>Climate of the Past</i> , 2019, 15, 661-684.	1.3	21
4749	The Beijing Climate Center Climate System Model (BCC-CSM): the main progress from CMIP5 to CMIP6. <i>Geoscientific Model Development</i> , 2019, 12, 1573-1600.	1.3	458
4750	ATTILA 4.0: Lagrangian advective and convective transport of passive tracers within the ECHAM5/MESy (2.53.0) chemistry climate model. <i>Geoscientific Model Development</i> , 2019, 12, 1991-2008.	1.3	13
4751	Description and evaluation of NorESM1-F: a fast version of the Norwegian Earth System Model (NorESM). <i>Geoscientific Model Development</i> , 2019, 12, 343-362.	1.3	49
4752	In situ observed relationships between snow and ice surface skin temperatures and 2 m air temperatures in the Arctic. <i>Cryosphere</i> , 2019, 13, 1005-1024.	1.5	19
4753	Mid-Holocene, Coral-Based Sea Surface Temperatures in the Western Tropical Atlantic. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1234-1245.	1.3	11
4754	Central Europe temperature constrained by speleothem fluid inclusion water isotopes over the past 14,000 years. <i>Science Advances</i> , 2019, 5, eaav3809.	4.7	81

#	ARTICLE	IF	CITATIONS
4755	Seasonal forecasting of western North Pacific tropical cyclone frequency using the North American multi-model ensemble. <i>Climate Dynamics</i> , 2019, 52, 5985-5997.	1.7	10
4756	Combined Impact of El Niño and Southern Oscillation and Pacific Decadal Oscillation on the Northern Winter Stratosphere. <i>Atmosphere</i> , 2019, 10, 211.	1.0	19
4757	Potential Influence of a Developing La Niña on the Sea-Ice Reduction in the Barents-Kara Seas. <i>Atmosphere - Ocean</i> , 2019, 57, 182-194.	0.6	2
4758	Multi-scale temporal-spatial variability of the East Asian summer monsoon frontal system: observation versus its representation in the GFDL HiRAM. <i>Climate Dynamics</i> , 2019, 52, 6787-6798.	1.7	13
4759	Experiment design of the International CLIVAR C20C+ Detection and Attribution project. <i>Weather and Climate Extremes</i> , 2019, 24, 100206.	1.6	43
4760	Global Core Top Calibration of $\delta^{18}O$ in Planktic Foraminifera to Sea Surface Temperature. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1292-1315.	1.3	26
4761	Climate Change Amplification of Natural Drought Variability: The Historic Mid-Twentieth-Century North American Drought in a Warmer World. <i>Journal of Climate</i> , 2019, 32, 5417-5436.	1.2	23
4762	Perspective on Landfalling Frequency and Genesis Location Variations of Southern China Typhoon During Peak Summer. <i>Geophysical Research Letters</i> , 2019, 46, 6830-6838.	1.5	16
4763	Dominance of the mean sea level in the high-percentile sea levels time evolution with respect to large-scale climate variability: a Bayesian statistical approach. <i>Environmental Research Letters</i> , 2019, 14, 014008.	2.2	12
4764	Predicting the seasonal evolution of southern African summer precipitation in the DePreSys3 prediction system. <i>Climate Dynamics</i> , 2019, 52, 6491-6510.	1.7	16
4765	Variability of temperature and ozone in the upper troposphere and lower stratosphere from multi-satellite observations and reanalysis data. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6659-6679.	1.9	50
4766	100 Years of Progress in Understanding the Dynamics of Coupled Atmosphere-Ocean Variability. <i>Meteorological Monographs</i> , 2019, 59, 8.1-8.57.	5.0	22
4767	The Atmospheric Response to Positive IPV, Positive AMV, and Their Combination in Boreal Winter. <i>Journal of Climate</i> , 2019, 32, 4193-4213.	1.2	11
4768	Complex systems modelling for statistical forecasting of winter North Atlantic atmospheric variability: A new approach to North Atlantic seasonal forecasting. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2568-2585.	1.0	10
4769	Improvements in Long-Lead Prediction of Early-Summer Subtropical Frontal Rainfall Based on Arctic Sea Ice. <i>Journal of Ocean University of China</i> , 2019, 18, 542-552.	0.6	6
4770	Recent Changes in Mean and Extreme Temperature and Precipitation in the Western Pacific Islands. <i>Journal of Climate</i> , 2019, 32, 4919-4941.	1.2	33
4771	Disentangling the Changes in the Indian Ocean Dipole-Related SST and Rainfall Variability under Global Warming in CMIP5 Models. <i>Journal of Climate</i> , 2019, 32, 3803-3818.	1.2	12
4772	Evaluation of CMIP6 DECK Experiments With CNRM-CM6-1. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2177-2213.	1.3	494

#	ARTICLE	IF	CITATIONS
4773	ENSO influence on summer temperature over Arabian Peninsula: role of mid-latitude circulation. <i>Climate Dynamics</i> , 2019, 53, 5047-5062.	1.7	13
4774	Tropical Teleconnections to Antarctic Sea Ice During Austral Spring 2016 in Coupled Pacemaker Experiments. <i>Geophysical Research Letters</i> , 2019, 46, 6848-6858.	1.5	42
4775	Australia-Asian monsoon in two versions of the UK Met Office Unified Model and their impacts on tropical extratropical teleconnections. <i>Climate Dynamics</i> , 2019, 53, 4717-4741.	1.7	6
4776	Global change drives modern plankton communities away from the pre-industrial state. <i>Nature</i> , 2019, 570, 372-375.	13.7	96
4777	Response of the Dominant Modes of Atmospheric Circulation in the Northern Hemisphere to a Projected Arctic Sea Ice Loss in 2007. <i>Journal of Ocean University of China</i> , 2019, 18, 589-595.	0.6	2
4778	Meridional oscillation in genesis location of tropical cyclones in the postmonsoon Bay of Bengal. <i>Climate Dynamics</i> , 2019, 53, 2103-2118.	1.7	5
4779	Linkages between the South and East Asian Monsoon Water Vapor Transport during Boreal Summer. <i>Journal of Climate</i> , 2019, 32, 4509-4524.	1.2	17
4780	Ural Blocking as a Driver of Early Winter Stratospheric Warmings. <i>Geophysical Research Letters</i> , 2019, 46, 5460-5468.	1.5	109
4781	Evolution of the Double ITCZ Bias Through CESM2 Development. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 1873-1893.	1.3	20
4782	Antarctic sea ice variation associated with vertical geopotential height and temperature anomalies. <i>International Journal of Climatology</i> , 2019, 39, 5380-5395.	1.5	0
4783	Recent changes in the prominent modes of Indian Ocean dipole in response to the tropical Pacific Ocean SST patterns. <i>Theoretical and Applied Climatology</i> , 2019, 138, 941-951.	1.3	3
4784	Hydrological alteration of the upper Yangtze River and its possible links with large-scale climate indices. <i>Hydrology Research</i> , 2019, 50, 1120-1137.	1.1	6
4785	Recent Decadal Changes in Heat Waves over China: Drivers and Mechanisms. <i>Journal of Climate</i> , 2019, 32, 4215-4234.	1.2	43
4786	On the Relation between the Boreal Spring Position of the Atlantic Intertropical Convergence Zone and Atlantic Zonal Mode. <i>Journal of Climate</i> , 2019, 32, 4767-4781.	1.2	7
4787	Weakening of the Senegalo-Mauritanian upwelling system under climate change. <i>Climate Dynamics</i> , 2019, 53, 4447-4473.	1.7	22
4788	Diagnosing the representation and causes of the ENSO persistence barrier in CMIP5 simulations. <i>Climate Dynamics</i> , 2019, 53, 2147-2160.	1.7	15
4789	Different Effects of Two ENSO Types on Arctic Surface Temperature in Boreal Winter. <i>Journal of Climate</i> , 2019, 32, 4943-4961.	1.2	18
4790	Climate prediction of dust weather frequency over northern China based on sea-ice cover and vegetation variability. <i>Climate Dynamics</i> , 2019, 53, 687-705.	1.7	23

#	ARTICLE	IF	CITATIONS
4791	Temperature Variability of the Baltic Sea Since 1850 and Attribution to Atmospheric Forcing Variables. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4168-4187.	1.0	45
4792	Sensitivity of Sverdrup transport to surface wind products over the tropical North Pacific Ocean. <i>Ocean Dynamics</i> , 2019, 69, 529-542.	0.9	4
4793	Trends of sea surface temperature and sea surface temperature fronts in the South China Sea during 2003–2017. <i>Acta Oceanologica Sinica</i> , 2019, 38, 106-115.	0.4	31
4794	Satellite observations of the effect of the “Godzilla El Niño” on the Tehuantepec upwelling system in the Mexican Pacific. <i>Helgoland Marine Research</i> , 2019, 73, .	1.3	3
4795	Global Atmospheric Oscillation: An Integrity of ENSO and Extratropical Teleconnections. <i>Pure and Applied Geophysics</i> , 2019, 176, 3737-3755.	0.8	11
4796	Mechanism for asymmetric atmospheric responses in the western North Pacific to El Niño and La Niña. <i>Climate Dynamics</i> , 2019, 53, 3957-3969.	1.7	11
4797	A winter temperature reconstruction for the Lidder Valley, Kashmir, Northwest Himalaya based on tree-rings of <i>Pinus wallichiana</i> . <i>Climate Dynamics</i> , 2019, 53, 4059-4075.	1.7	34
4798	Arctic Sea Ice Volume Variability over 1901–2010: A Model-Based Reconstruction. <i>Journal of Climate</i> , 2019, 32, 4731-4752.	1.2	48
4799	Atlantic Zonal Mode: An Emerging Source of Indian Summer Monsoon Variability in a Warming World. <i>Geophysical Research Letters</i> , 2019, 46, 4460-4467.	1.5	51
4800	Interannual Variability of Spring Extratropical Cyclones over the Yellow, Bohai, and East China Seas and Possible Causes. <i>Atmosphere</i> , 2019, 10, 40.	1.0	5
4801	The Internal Multidecadal Variability of SST in the Pacific and Its Impact on Air Temperature and Rainfall over Land in the Northern Hemisphere. <i>Atmosphere</i> , 2019, 10, 153.	1.0	5
4802	Ecosystem Productivity and Water Stress in Tropical East Africa: A Case Study of the 2010–2011 Drought. <i>Land</i> , 2019, 8, 52.	1.2	9
4803	The importance of stratospheric initial conditions for winter North Atlantic Oscillation predictability and implications for the signal-to-noise paradox. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 131-146.	1.0	33
4804	The interaction between the Western Indian Ocean and ENSO in CESM. <i>Climate Dynamics</i> , 2019, 52, 5153-5172.	1.7	10
4805	An Assessment of ENSO Stability in CAMS Climate System Model Simulations. <i>Journal of Meteorological Research</i> , 2019, 33, 80-88.	0.9	6
4806	Higher frequency of Central Pacific El Niño events in recent decades relative to past centuries. <i>Nature Geoscience</i> , 2019, 12, 450-455.	5.4	192
4807	Industrial-era decline in subarctic Atlantic productivity. <i>Nature</i> , 2019, 569, 551-555.	13.7	56
4808	Uncertainty in near-term global surface warming linked to tropical Pacific climate variability. <i>Nature Communications</i> , 2019, 10, 1990.	5.8	19

#	ARTICLE	IF	CITATIONS
4809	ENSO and NAO affect long-term leaf litter dynamics and stoichiometry of Scots pine and European beech mixedwoods. <i>Global Change Biology</i> , 2019, 25, 3070-3090.	4.2	22
4810	Effects of a multilayer snow scheme on the global teleconnections of the Indian summer monsoon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 1102-1117.	1.0	3
4811	Empirical Run-Time Bias Correction for Antarctic Regional Climate Projections With a Stretched Grid AGCM. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 64-82.	1.3	10
4812	Fishing constrains phenotypic responses of marine fish to climate variability. <i>Journal of Animal Ecology</i> , 2019, 88, 1645-1656.	1.3	31
4813	A Review of the Role of the Atlantic Meridional Overturning Circulation in Atlantic Multidecadal Variability and Associated Climate Impacts. <i>Reviews of Geophysics</i> , 2019, 57, 316-375.	9.0	298
4814	ENSO Influence on the Atlantic Niño, Revisited: Multi-Year versus Single-Year ENSO Events. <i>Journal of Climate</i> , 2019, 32, 4585-4600.	1.2	51
4815	Potential predictability of Arabian peninsula summer surface air temperature in the North American multimodel ensemble. <i>Climate Dynamics</i> , 2019, 53, 4249-4266.	1.7	14
4816	Biosequestration of Carbon Dioxide From Flue Gases by Algae. , 2019, , 105-118.		0
4817	Anthropogenic climate change and heat effects on health. <i>International Journal of Climatology</i> , 2019, 39, 4751-4768.	1.5	17
4818	The Interdecadal Change of Summer Water Vapor over the Tibetan Plateau and Associated Mechanisms. <i>Journal of Climate</i> , 2019, 32, 4103-4119.	1.2	64
4819	Analysis of Severe Droughts in Taiwan and its Related Atmospheric and Oceanic Environments. <i>Atmosphere</i> , 2019, 10, 159.	1.0	7
4820	Long-Term Trend of the Tropical Pacific Trade Winds Under Global Warming and Its Causes. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2626-2640.	1.0	15
4821	Effect of Summer Arctic Sea Ice on the Reverse August Precipitation Anomaly in Eastern China between 1998 and 2016. <i>Journal of Climate</i> , 2019, 32, 3389-3407.	1.2	26
4822	Interannual variation of tropical cyclones simulated by GEOS AGCM with modified convection scheme. <i>International Journal of Climatology</i> , 2019, 39, 4041-4057.	1.5	5
4823	Interannual variability of surface air temperature over mid-high latitudes of Eurasia during boreal autumn. <i>Climate Dynamics</i> , 2019, 53, 1805-1821.	1.7	24
4824	Evolution of Ocean Heat Content Related to ENSO. <i>Journal of Climate</i> , 2019, 32, 3529-3556.	1.2	53
4825	The Role of Atlantic Heat Transport in Future Arctic Winter Sea Ice Loss. <i>Journal of Climate</i> , 2019, 32, 3327-3341.	1.2	103
4826	Bay of Bengal-East Asia-Pacific Teleconnection in Boreal Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4395-4412.	1.2	13

#	ARTICLE	IF	CITATIONS
4827	Interannual Variability of the North Pacific Mixed Layer Associated with the Spring Tibetan Plateau Thermal Forcing. <i>Journal of Climate</i> , 2019, 32, 3109-3130.	1.2	24
4828	Natural Climate Oscillations may Counteract Red Sea Warming Over the Coming Decades. <i>Geophysical Research Letters</i> , 2019, 46, 3454-3461.	1.5	30
4829	Weak global warming mitigation by reducing black carbon emissions. <i>Scientific Reports</i> , 2019, 9, 4419.	1.6	44
4830	Variation of reference evapotranspiration and its teleconnection with multiple large-scale climate oscillations in the Yangtze River Delta, China. <i>International Journal of Climatology</i> , 2019, 39, 2630-2645.	1.5	5
4831	How Northern High-Latitude Volcanic Eruptions in Different Seasons Affect ENSO. <i>Journal of Climate</i> , 2019, 32, 3245-3262.	1.2	27
4832	Southern African summer-rainfall variability, and its teleconnections, on interannual to interdecadal timescales in CMIP5 models. <i>Climate Dynamics</i> , 2019, 53, 3505-3527.	1.7	19
4833	Aquifer responses to long-term climatic periodicities. <i>Journal of Hydrology</i> , 2019, 572, 226-242.	2.3	22
4834	Springtime North Pacific Oscillation and summer sea ice in the Beaufort sea. <i>Climate Dynamics</i> , 2019, 53, 671-686.	1.7	6
4835	New Exploratory Tools for Extremal Dependence: χ^2 Networks and Annual Extremal Networks. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2019, 24, 484-501.	0.7	5
4836	Predictability of North Atlantic Sea Surface Temperature and Upper-Ocean Heat Content. <i>Journal of Climate</i> , 2019, 32, 3005-3023.	1.2	21
4837	Impacts of historical warming on marine fisheries production. <i>Science</i> , 2019, 363, 979-983.	6.0	345
4838	El Niño-Like Physical and Biogeochemical Ocean Response to Tropical Eruptions. <i>Journal of Climate</i> , 2019, 32, 2627-2649.	1.2	24
4839	Investigating observed northwest Australian rainfall trends in Coupled Model Intercomparison Project phase 5 detection and attribution experiments. <i>International Journal of Climatology</i> , 2019, 39, 112-127.	1.5	17
4840	Characterising the seasonal and geographical variability in tropospheric ozone, stratospheric influence and recent changes. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3589-3620.	1.9	19
4841	The Antarctic circumpolar wave and its seasonality: Intrinsic travelling modes and El Niño-Southern Oscillation teleconnections. <i>International Journal of Climatology</i> , 2019, 39, 1026-1040.	1.5	12
4842	Decadal Variations of the Mindanao Current During 1960-2010. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2660-2678.	1.0	14
4843	A mixture of human and climatic effects shapes the 250-year long fire history of a semi-natural pine dominated landscape of Northern Latvia. <i>Forest Ecology and Management</i> , 2019, 441, 192-201.	1.4	11
4844	Weakening of the El Niño amplitude since the late 1990s and its link to decadal change in the North Pacific climate. <i>International Journal of Climatology</i> , 2019, 39, 4125-4138.	1.5	14

#	ARTICLE	IF	CITATIONS
4845	Predictable hydrological and ecological responses to Holocene North Atlantic variability. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5985-5990.	3.3	14
4846	The decadal shift of the long persistent rainfall over the northern part of China and the associated ocean conditions. International Journal of Climatology, 2019, 39, 3043-3056.	1.5	9
4847	An integrated carbon and oxygen isotope approach to reconstructing past environmental variability in the northeast Atlantic Ocean. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 523, 48-61.	1.0	6
4848	Key Role of the Ocean Western Boundary currents in shaping the Northern Hemisphere climate. Scientific Reports, 2019, 9, 3014.	1.6	20
4849	Coherent Response of Vietnam and Sumatra-Java Upwellings to Cross-Equatorial Winds. Scientific Reports, 2019, 9, 3650.	1.6	4
4850	Population density and temperature correlate with long-term trends in somatic growth rates and maturation schedules of herring and sprat. PLoS ONE, 2019, 14, e0212176.	1.1	16
4851	The Local Aerosol Emission Effect on Surface Shortwave Radiation and Temperatures. Journal of Advances in Modeling Earth Systems, 2019, 11, 806-817.	1.3	15
4852	Initialization and Ensemble Generation for Decadal Climate Predictions: A Comparison of Different Methods. Journal of Advances in Modeling Earth Systems, 2019, 11, 149-172.	1.3	28
4853	Relationships among Intermodel Spread and Biases in Tropical Atlantic Sea Surface Temperatures. Journal of Climate, 2019, 32, 3615-3635.	1.2	6
4854	Characteristics of Intense Convection in Subtropical South America as Influenced by El Niño Southern Oscillation. Monthly Weather Review, 2019, 147, 1947-1966.	0.5	13
4855	JAMSTEC Model Intercomparison Project (JMIP). JAMSTEC Report of Research and Development, 2019, 28, 5-34.	0.2	0
4856	Multi-model evaluation of the sensitivity of the global energy budget and hydrological cycle to resolution. Climate Dynamics, 2019, 52, 6817-6846.	1.7	57
4857	Outer Limits of the Habitable Zones in Terms of Climate Mode and Climate Evolution of Earth-like Planets. Astrophysical Journal, 2019, 875, 7.	1.6	16
4858	Anthropogenic Contributions to the Intensity of the 2017 United States Northern Great Plains Drought. Bulletin of the American Meteorological Society, 2019, 100, S19-S24.	1.7	20
4859	The diversity of La Niña decay and the corresponding spring and summer precipitation anomalies over eastern China. International Journal of Climatology, 2019, 39, 3396-3411.	1.5	7
4860	Regional coral growth responses to seawater warming in the South China Sea. Science of the Total Environment, 2019, 670, 595-605.	3.9	16
4861	Indicators and trends of polar cold airmass. Environmental Research Letters, 2019, 14, 025006.	2.2	11
4862	Contrasting changes in the sea surface temperature and upper ocean heat content in the South China Sea during recent decades. Climate Dynamics, 2019, 53, 1597-1612.	1.7	24

#	ARTICLE	IF	CITATIONS
4863	Interdecadal Seesaw of Precipitation Variability between North China and the Southwest United States. <i>Journal of Climate</i> , 2019, 32, 2951-2968.	1.2	24
4864	Response of Southern China Winter Rainfall to El Niño Diversity and Its Relevance to Projected Southern China Rainfall Change. <i>Journal of Climate</i> , 2019, 32, 3343-3356.	1.2	17
4865	Improvements to stratospheric chemistry scheme in the UM-UKCA (v10.7) model: solar cycle and heterogeneous reactions. <i>Geoscientific Model Development</i> , 2019, 12, 1227-1239.	1.3	12
4866	Future projections of heat waves over India from CMIP5 models. <i>Climate Dynamics</i> , 2019, 53, 975-988.	1.7	60
4867	How does the Asian summer precipitation-ENSO relationship change over the past 544 years?. <i>Climate Dynamics</i> , 2019, 52, 4583-4598.	1.7	32
4868	Summertime precipitation deficits in the southern Peruvian highlands since 1964. <i>International Journal of Climatology</i> , 2019, 39, 4497-4513.	1.5	18
4869	Projected near-term changes in three types of heat waves over China under RCP4.5. <i>Climate Dynamics</i> , 2019, 53, 3751-3769.	1.7	22
4870	Introduction to the special issue "Climate of the past 2000 years: regional and trans-regional syntheses". <i>Climate of the Past</i> , 2019, 15, 611-615.	1.3	10
4871	Anthropogenic Warming has Substantially Increased the Likelihood of July 2017-like Heat Waves over Central Eastern China. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, S91-S95.	1.7	21
4872	Relative contributions of interdecadal and interannual SST variations to tropical precipitation decadal mean change in the late 1990s. <i>Climate Dynamics</i> , 2019, 53, 3825-3840.	1.7	1
4873	A Multivariate AMV Index and Associated Discrepancies Between Observed and CMIP5 Externally Forced AMV. <i>Geophysical Research Letters</i> , 2019, 46, 4421-4431.	1.5	36
4874	Diagnosing the Impacts of Northern Hemisphere Surface Albedo Biases on Simulated Climate. <i>Journal of Climate</i> , 2019, 32, 1777-1795.	1.2	16
4876	Heat attenuation and nutrient delivery by localized upwelling avoided coral bleaching mortality in northern Galapagos during 2015/2016 ENSO. <i>Coral Reefs</i> , 2019, 38, 773-785.	0.9	28
4877	Variability of Indian summer monsoon droughts in CMIP5 climate models. <i>Climate Dynamics</i> , 2019, 53, 1937-1962.	1.7	52
4878	The role of the Indian Ocean in determining the tropical pacific SST response to radiative forcing in an idealized model. <i>Dynamics of Atmospheres and Oceans</i> , 2019, 86, 1-9.	0.7	3
4879	An Analysis of Spatio-Temporal Changes in Drought Characteristics over India. <i>Springer Water</i> , 2019, , 23-71.	0.2	1
4880	Linear respective roles of El Niño Southern Oscillation and East Asian winter monsoon in the formation of the western North Pacific anticyclone. <i>International Journal of Climatology</i> , 2019, 39, 3257-3270.	1.5	4
4881	Modulation of the Kara Sea Ice Variation on the Ice Freeze-Up Time in Lake Qinghai. <i>Journal of Climate</i> , 2019, 32, 2553-2568.	1.2	12

#	ARTICLE	IF	CITATIONS
4882	Verification and Improvement of the Ability of CFSv2 to Predict the Antarctic Oscillation in Boreal Spring. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 292-302.	1.9	11
4883	Simulated ENSO's impact on tropical cyclone genesis over the western North Pacific in CMIP5 models and its changes under global warming. <i>International Journal of Climatology</i> , 2019, 39, 3668-3678.	1.5	21
4884	The Winter Concurrent Meridional Shift of the East Asian Jet Streams and the Associated Thermal Conditions. <i>Journal of Climate</i> , 2019, 32, 2075-2088.	1.2	19
4885	Interdecadal Indian Ocean Basin Mode Driven by Interdecadal Pacific Oscillation: A Season-Dependent Growth Mechanism. <i>Journal of Climate</i> , 2019, 32, 2057-2073.	1.2	13
4886	The impact of stochastic physics on the El Niño Southern Oscillation in the EC-Earth coupled model. <i>Climate Dynamics</i> , 2019, 53, 2843-2859.	1.7	12
4887	Revisiting the Linkages between the Variability of Atmospheric Circulations and Arctic Melt-Season Sea Ice Cover at Multiple Time Scales. <i>Journal of Climate</i> , 2019, 32, 1461-1482.	1.2	17
4888	Increased El Niño Southern Oscillation sensitivity of tree growth on the southern Tibetan Plateau since the 1970s. <i>International Journal of Climatology</i> , 2019, 39, 3465-3475.	1.5	3
4889	Implementation of snow albedo schemes of varying complexity and their performances in offline Noah and Noah coupled with NCEP CFSv2. <i>Climate Dynamics</i> , 2019, 53, 1261-1276.	1.7	4
4890	What Formed the North-South Contrasting Pattern of Summer Rainfall Changes over Eastern China?. <i>Current Climate Change Reports</i> , 2019, 5, 47-62.	2.8	13
4891	Considerations for <i>Globigerinoides ruber</i> (White and Pink) Paleooceanography: Comprehensive Insights From a Long-Running Sediment Trap. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 353-373.	1.3	16
4892	Improved decadal prediction of Northern-Hemisphere summer land temperature. <i>Climate Dynamics</i> , 2019, 53, 1357-1369.	1.7	23
4893	Modulation of Arctic Sea Ice Loss by Atmospheric Teleconnections from Atlantic Multidecadal Variability. <i>Journal of Climate</i> , 2019, 32, 1419-1441.	1.2	32
4894	An interdecadal change in the influence of the Central Pacific ENSO on the subsequent north tropical Atlantic spring SST variability around the mid-1980s. <i>Climate Dynamics</i> , 2019, 53, 879-893.	1.7	23
4895	On the Mechanisms of Pacific Decadal Oscillation Modulation in a Warming Climate. <i>Journal of Climate</i> , 2019, 32, 1443-1459.	1.2	26
4897	The Climate System. , 2019, , 1-13.		0
4898	Climate Variability. , 2019, , 14-26.		0
4899	Climate Data Analysis. , 2019, , 27-47.		1
4900	Climate Networks: Construction Methods and Analysis. , 2019, , 48-78.		0

#	ARTICLE	IF	CITATIONS
4901	Computational Tools for Network Analysis. , 2019, , 79-93.		0
4902	Applications to Atmospheric Variability. , 2019, , 94-129.		0
4903	Applications to Oceanic Variability. , 2019, , 130-160.		0
4904	Climate Tipping Behavior. , 2019, , 161-197.		0
4905	Network-Based Prediction. , 2019, , 198-215.		0
4908	Prediction of summer rainfall over the source region of the Blue Nile by using teleconnections based on sea surface temperatures. Theoretical and Applied Climatology, 2019, 137, 3077-3087.	1.3	8
4909	Climate change has altered zooplankton-fuelled carbon export in the North Atlantic. Nature Ecology and Evolution, 2019, 3, 416-423.	3.4	55
4910	The 2017â€“2018 Winter Drought in North China and Its Causes. Atmosphere, 2019, 10, 60.	1.0	6
4911	The Impact of Strong El NiÃ±o and La NiÃ±a Events on the North Atlantic. Geophysical Research Letters, 2019, 46, 2874-2883.	1.5	56
4912	Application of Singular Spectrum Analysis for Investigating Chaos in Sea Surface Temperature. Pure and Applied Geophysics, 2019, 176, 3769-3786.	0.8	5
4913	Changes in global monsoon precipitation and the related dynamic and thermodynamic mechanisms in recent decades. International Journal of Climatology, 2019, 39, 1490-1503.	1.5	18
4914	Synoptic-scale atmospheric circulation anomalies associated with summertime daily precipitation extremes in the middleâ€“lower reaches of the Yangtze River Basin. Climate Dynamics, 2019, 53, 3109-3129.	1.7	18
4915	Statistical prediction of the severity of compound dry-hot events based on El NiÃ±o-Southern Oscillation. Journal of Hydrology, 2019, 572, 243-250.	2.3	58
4916	The Extremely Wet March of 2017 in Peru. Bulletin of the American Meteorological Society, 2019, 100, S31-S35.	1.7	13
4917	General seasonal phase-locking of variance and persistence: application to tropical pacific, north pacific and global ocean. Climate Dynamics, 2019, 53, 2825-2842.	1.7	4
4918	Local Extinction of Bull Kelp (<i>Durvillaea</i> spp.) Due to a Marine Heatwave. Frontiers in Marine Science, 2019, 6, .	1.2	177
4919	Tropical Pacific sea surface temperature influence on seasonal streamflow variability in Ecuador. International Journal of Climatology, 2019, 39, 3895-3914.	1.5	5
4920	Unraveling the Mystery of Indian Summer Monsoon Prediction: Improved Estimate of Predictability Limit. Journal of Geophysical Research D: Atmospheres, 2019, 124, 1962-1974.	1.2	59

#	ARTICLE	IF	CITATIONS
4921	Centennial-Scale Temperature Change in Last Millennium Simulations and Proxy-Based Reconstructions. <i>Journal of Climate</i> , 2019, 32, 2441-2482.	1.2	32
4922	The Strength of Low-Cloud Feedbacks and Tropical Climate: A CESM Sensitivity Study. <i>Journal of Climate</i> , 2019, 32, 2497-2516.	1.2	20
4923	An interdecadal change in the interannual variability of boreal summer tropical cyclone genesis frequency over the western North Pacific around the early 1990s. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1843-1853.	1.3	5
4924	Type Classification of Sudden Stratospheric Warming Based on Pre- and Postwarming Periods. <i>Journal of Climate</i> , 2019, 32, 2349-2367.	1.2	21
4925	Diagnosing Secular Variations in Retrospective ENSO Seasonal Forecast Skill Using CMIP5 Model Analogs. <i>Geophysical Research Letters</i> , 2019, 46, 1721-1730.	1.5	36
4926	Effect of Climate Change on Cloud Properties Over Arabian Sea and Central India. <i>Pure and Applied Geophysics</i> , 2019, 176, 2729-2738.	0.8	7
4927	A Global/Regional Integrated Model System—Chemistry Climate Model: 1. Simulation Characteristics. <i>Earth and Space Science</i> , 2019, 6, 2016-2030.	1.1	7
4928	Seasonal growth responses to climate in wet and dry conifer forests. <i>IAWA Journal</i> , 2019, 40, 311-S1.	2.7	12
4929	Enhanced Mid-Latitude Meridional Heat Imbalance Induced by the Ocean. <i>Atmosphere</i> , 2019, 10, 746.	1.0	4
4930	Coupling Influences of ENSO and PDO on the Inter-Decadal SST Variability of the ACC around the Western South Atlantic. <i>Sustainability</i> , 2019, 11, 4853.	1.6	2
4931	Assessments of the Arctic amplification and the changes in the Arctic sea surface. <i>Advances in Climate Change Research</i> , 2019, 10, 193-202.	2.1	24
4932	Deciphering the weakening of the Indian summer monsoon circulation using a regional climate model RegCM 4.5. , 2019, , .		0
4933	Reductions in Strong Upwelling—Favorable Wind Events in the Pliocene. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1931-1944.	1.3	7
4934	The Canadian Earth System Model version 5 (CanESM5.0.3). <i>Geoscientific Model Development</i> , 2019, 12, 4823-4873.	1.3	581
4935	A regional atmosphere—ocean climate system model (CCLMv5.0clm7-NEMOv3.3-NEMOv3.6) over Europe including three marginal seas: on its stability and performance. <i>Geoscientific Model Development</i> , 2019, 12, 5077-5095.	1.3	14
4936	Induced surface fluxes: a new framework for attributing Arctic sea ice volume balance biases to specific model errors. <i>Cryosphere</i> , 2019, 13, 2001-2022.	1.5	5
4937	Asymmetric Response of Land Storage to ENSO Phase and Duration. <i>Water (Switzerland)</i> , 2019, 11, 2249.	1.2	1
4938	Description of the resolution hierarchy of the global coupled HadGEM3-GC3.1 model as used in CMIP6 HighResMIP experiments. <i>Geoscientific Model Development</i> , 2019, 12, 4999-5028.	1.3	139

#	ARTICLE	IF	CITATIONS
4939	Influences of the Atlantic and Pacific Oceans on Rainy Season Precipitation for the Southernmost Caribbean Small Island State, Trinidad. <i>Atmosphere</i> , 2019, 10, 707.	1.0	3
4940	Subseasonal to Seasonal Prediction of Wintertime Northern Hemisphere Extratropical Cyclone Activity by S2S and NMME Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12057-12077.	1.2	17
4941	Hybrid Causality Analysis of ENSO's Global Impacts on Climate Variables Based on Data-Driven Analytics and Climate Model Simulation. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	15
4942	Impact of ENSO on dependence between extreme rainfall and storm surge. <i>Environmental Research Letters</i> , 2019, 14, 124043.	2.2	13
4943	Role of sea surface warming in convective activity over Europe and Northern Eurasia: estimates with sensitivity model experiments. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 386, 012051.	0.2	1
4944	El Niño-Southern oscillation and under-5 diarrhea in Botswana. <i>Nature Communications</i> , 2019, 10, 5798.	5.8	15
4945	Testing the validity of regional detail in global analyses of sea surface temperature – the case of Chinese coastal waters. <i>Ocean Science</i> , 2019, 15, 1455-1467.	1.3	3
4946	Influence of Wintertime Polar Vortex Variation on the Climate over the North Pacific during Late Winter and Spring. <i>Atmosphere</i> , 2019, 10, 670.	1.0	10
4947	Interdecadal Variations of the Midlatitude Ozone Valleys in Summer. <i>Atmosphere</i> , 2019, 10, 677.	1.0	5
4948	Impacts of ENSO and IOD on Snow Depth Over the Tibetan Plateau: Roles of Convections Over the Western North Pacific and Indian Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11961-11975.	1.2	30
4949	Spring Aleutian Low Weakening and Surface Cooling Trend in Northwest North America During Recent Decades. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12078-12092.	1.2	11
4950	Seasonality and El Niño Diversity in the Relationship between ENSO and Western North Pacific Tropical Cyclone Activity. <i>Journal of Climate</i> , 2019, 32, 8021-8045.	1.2	17
4951	Month-to-Month Variability of Autumn Sea Ice in the Barents and Kara Seas and Its Relationship to Winter Air Temperature in China. <i>Advances in Meteorology</i> , 2019, 2019, 1-13.	0.6	7
4952	20th Century $\delta^{18}O$ Seawater and Salinity Variations Reconstructed From Paired $\delta^{18}O$ and Sr/Ca Measurements of a La Reunion Coral. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 2183-2200.	1.3	13
4953	Groundwater Storage Change in the Jinsha River Basin from GRACE, Hydrologic Models, and In Situ Data. <i>Ground Water</i> , 2020, 58, 735-748.	0.7	18
4954	Integrating climate adaptation and biodiversity conservation in the global ocean. <i>Science Advances</i> , 2019, 5, eaay9969.	4.7	133
4955	Detecting and quantifying causal associations in large nonlinear time series datasets. <i>Science Advances</i> , 2019, 5, eaau4996.	4.7	354
4956	Streamflow Variability in Mahaweli River Basin of Sri Lanka during 1990–2014 and Its Possible Mechanisms. <i>Water (Switzerland)</i> , 2019, 11, 2485.	1.2	14

#	ARTICLE	IF	CITATIONS
4957	Intraseasonal to Interannual Modulation of Diurnal Precipitation Distribution Over Eastern Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11863-11886.	1.2	6
4958	Ocean community warming responses explained by thermal affinities and temperature gradients. <i>Nature Climate Change</i> , 2019, 9, 959-963.	8.1	134
4959	Sea Surface Temperatures: Seasonal Persistence and Trends. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 2257-2266.	0.5	4
4960	Influence of North Atlantic climate variability on glacier mass balance in Norway, Sweden and Svalbard. <i>Journal of Glaciology</i> , 2019, 65, 580-594.	1.1	13
4961	ENSO Modulation of MJO Teleconnections to the North Atlantic and Europe. <i>Geophysical Research Letters</i> , 2019, 46, 13535-13545.	1.5	60
4962	Seasonal Changes in the North Atlantic Cold Anomaly: The Influence of Cold Surface Waters From Coastal Greenland and Warming Trends Associated With Variations in Subarctic Sea Ice Cover. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9040-9052.	1.0	10
4963	Better monsoon precipitation in coupled climate models due to bias compensation. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	2.6	26
4964	The International Comprehensive Ocean-Atmosphere Data Set “ Meeting Users Needs and Future Priorities. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	21
4965	Can We Use the QA4ECV Black-sky Fraction of Absorbed Photosynthetically Active Radiation (FAPAR) using AVHRR Surface Reflectance to Assess Terrestrial Global Change?. <i>Remote Sensing</i> , 2019, 11, 3055.	1.8	3
4966	Effects of Model Resolution, Physics, and Coupling on Southern Hemisphere Storm Tracks in CESM1.3. <i>Geophysical Research Letters</i> , 2019, 46, 12408-12416.	1.5	39
4967	Spatial Shift of Greenland Moisture Sources Related to Enhanced Arctic Warming. <i>Geophysical Research Letters</i> , 2019, 46, 14723-14731.	1.5	23
4968	Northern Tropical Atlantic Warming in El Niño Decaying Spring: Impacts of El Niño Amplitude. <i>Geophysical Research Letters</i> , 2019, 46, 14072-14081.	1.5	17
4969	Unusual Anomaly Pattern of the 2015/2016 Extreme El Niño Induced by the 2014 Warm Condition. <i>Geophysical Research Letters</i> , 2019, 46, 14772-14781.	1.5	14
4970	Monopole Mode of Precipitation in East Asia Modulated by the South China Sea Over the Last Four Centuries. <i>Geophysical Research Letters</i> , 2019, 46, 14713-14722.	1.5	11
4971	Topographic Forcing from East Asia and North America in the Northern Winter Stratosphere and Their Mutual Interference. <i>Journal of Climate</i> , 2019, 32, 8639-8658.	1.2	11
4972	Terrestrial Water Storage in China: Spatiotemporal Pattern and Driving Factors. <i>Sustainability</i> , 2019, 11, 6646.	1.6	6
4973	Role of Local Air-Sea Interaction in Fire Activity Over Equatorial Asia. <i>Geophysical Research Letters</i> , 2019, 46, 14789-14797.	1.5	7
4974	Identifying teleconnections and multidecadal variability of East Asian surface temperature during the last millennium in CMIP5 simulations. <i>Climate of the Past</i> , 2019, 15, 1825-1844.	1.3	14

#	ARTICLE	IF	CITATIONS
4975	Impact of south Indian Ocean Dipole on tropical cyclone genesis over the South China Sea. <i>International Journal of Climatology</i> , 2019, 39, 101-111.	1.5	9
4976	Variability in landfalling trends of cyclonic disturbances over North Indian Ocean region during current and pre-warming climate. <i>Theoretical and Applied Climatology</i> , 2019, 137, 417-439.	1.3	19
4977	Reprint of Comparison of climate signals obtained from encrusting and free-living rhodolith coralline algae. <i>Chemical Geology</i> , 2019, 526, 175-185.	1.4	2
4978	Inter-annual variation of the spring haze pollution over the North China Plain: Roles of atmospheric circulation and sea surface temperature. <i>International Journal of Climatology</i> , 2019, 39, 783-798.	1.5	40
4979	Impact of air-sea drag coefficient for latent heat flux on large scale climate in coupled and atmosphere stand-alone simulations. <i>Climate Dynamics</i> , 2019, 52, 2125-2144.	1.7	6
4981	S2S reboot: An argument for greater inclusion of machine learning in subseasonal to seasonal forecasts. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2019, 10, e00567.	3.6	48
4982	Rapid Drying of Northeast India in the Last Three Decades: Climate Change or Natural Variability?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 227-237.	1.2	49
4983	Anthropogenically Forced Decadal Change of South Asian Summer Monsoon Across the Mid-1990s. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 806-824.	1.2	15
4984	The impact of climate model sea surface temperature biases on tropical cyclone simulations. <i>Climate Dynamics</i> , 2019, 53, 173-192.	1.7	35
4985	The added value of the multi-system spread information for ocean heat content and steric sea level investigations in the CMEMS GREP ensemble reanalysis product. <i>Climate Dynamics</i> , 2019, 53, 287-312.	1.7	43
4986	How do westerly jet streams regulate the winter snow depth over the Tibetan Plateau?. <i>Climate Dynamics</i> , 2019, 53, 353-370.	1.7	36
4987	Strong but Intermittent Spatial Covariations in Tropical Land Temperature. <i>Geophysical Research Letters</i> , 2019, 46, 356-364.	1.5	9
4988	The Little Ice Age and 20th-century deep Pacific cooling. <i>Science</i> , 2019, 363, 70-74.	6.0	54
4989	Recent Breakdown of the Seasonal Linkage between the Winter North Atlantic Oscillation/Northern Annular Mode and Summer Northern Annular Mode. <i>Journal of Climate</i> , 2019, 32, 591-605.	1.2	2
4990	Contributions of Different Combinations of the IPO and AMO to Recent Changes in Winter East Asian Jets. <i>Journal of Climate</i> , 2019, 32, 1607-1626.	1.2	42
4991	Role of Arctic Sea Ice in the 2014-2015 Eurasian Warm Winter. <i>Geophysical Research Letters</i> , 2019, 46, 337-345.	1.5	7
4992	A Theory for the Seasonal Predictability Barrier: Threshold, Timing, and Intensity. <i>Journal of Climate</i> , 2019, 32, 423-443.	1.2	33
4993	Arctic summer sea-ice seasonal simulation with a coupled model: Evaluation of mean features and biases. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	1

#	ARTICLE	IF	CITATIONS
4994	Intermodel Uncertainty in the Change of ENSO's Amplitude under Global Warming: Role of the Response of Atmospheric Circulation to SST Anomalies. <i>Journal of Climate</i> , 2019, 32, 369-383.	1.2	19
4995	Monsoon season local control on precipitation over warm tropical oceans. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 1451-1465.	0.9	8
4996	Structural Changes in the Pacific's Japan Pattern in the Late 1990s. <i>Journal of Climate</i> , 2019, 32, 607-621.	1.2	58
4997	The Potential of Using Tree-Ring Data from Jeju Island to Reconstruct Climate in Subtropical Korea and the Western North Pacific. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 293-301.	1.3	4
4998	A Further Study on the Simulation of Cloud-Radiative Feedbacks in the ENSO Cycle in the Tropical Pacific with a Focus on the Asymmetry. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 303-316.	1.3	12
4999	Mechanisms for and Predictability of a Drastic Reduction in the Arctic Sea Ice: APPOSITE Data with Climate Model MIROC. <i>Journal of Climate</i> , 2019, 32, 1361-1380.	1.2	3
5000	Heterogeneity of Scaling of the Observed Global Temperature Data. <i>Journal of Climate</i> , 2019, 32, 349-367.	1.2	12
5001	The El Niño's Southern Oscillation's effect on summer heatwave development mechanisms in Australia. <i>Climate Dynamics</i> , 2019, 52, 6279-6300.	1.7	21
5002	Regional trend changes in recent surface warming. <i>Climate Dynamics</i> , 2019, 52, 6463-6473.	1.7	3
5003	Investigating the Causes of Increased Twentieth-Century Fall Precipitation over the Southeastern United States. <i>Journal of Climate</i> , 2019, 32, 575-590.	1.2	41
5004	Climate data empathy. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2019, 10, e559.	3.6	14
5005	Decadal Transition of the Leading Mode of Interannual Moisture Circulation over East Asia's Western North Pacific: Bonding to Different Evolution of ENSO. <i>Journal of Climate</i> , 2019, 32, 289-308.	1.2	18
5006	Interannual variability and dynamics of intraseasonal wind rectification in the equatorial Pacific Ocean. <i>Climate Dynamics</i> , 2019, 52, 4351-4369.	1.7	6
5007	Remote and local influences in forecasting Pacific SST: a linear inverse model and a multimodel ensemble study. <i>Climate Dynamics</i> , 2019, 52, 3183-3201.	1.7	20
5008	Why do we have El Niño: quantifying a diabatic and nonlinear perspective using observations. <i>Climate Dynamics</i> , 2019, 52, 6705-6717.	1.7	4
5009	A new statistical correction strategy to improve long-term dynamical prediction. <i>International Journal of Climatology</i> , 2019, 39, 2173-2185.	1.5	3
5010	Weak El Niño and Winter Climate in the Mid- to High Latitudes of Eurasia. <i>Journal of Climate</i> , 2019, 32, 405-421.	1.2	13
5011	Precipitation characteristic changes due to global warming in a high-resolution (16 km) ECMWF simulation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 303-317.	1.0	32

#	ARTICLE	IF	CITATIONS
5012	Stable oxygen isotopes in Romanian oak tree rings record summer droughts and associated large-scale circulation patterns over Europe. <i>Climate Dynamics</i> , 2019, 52, 6557-6568.	1.7	31
5013	Multidecadal see-saw of the impact of ENSO on Indian and West African summer monsoon rainfall. <i>Climate Dynamics</i> , 2019, 52, 6633-6649.	1.7	30
5014	Precipitation variability and its relation to climate anomalies in the Bolivian Altiplano. <i>International Journal of Climatology</i> , 2019, 39, 2096-2107.	1.5	26
5015	Indian Summer Monsoon as simulated by the regional earth system model RegCM-ES: the role of local air-sea interaction. <i>Climate Dynamics</i> , 2019, 53, 759-778.	1.7	31
5016	Climatic Condition and Synoptic Regimes of Two Intense Snowfall Events in Eastern China and Implications for Climate Variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 926-941.	1.2	29
5017	Uncertainty of the Linear Trend in the Zonal SST Gradient Across the Equatorial Pacific Since 1881. <i>Atmosphere - Ocean</i> , 2019, 57, 61-72.	0.6	1
5018	Impacts of the Autumn Arctic Sea Ice on the Intraseasonal Reversal of the Winter Siberian High. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 173-188.	1.9	30
5019	Compounding tropical and stratospheric forcing of the record low Antarctic sea-ice in 2016. <i>Nature Communications</i> , 2019, 10, 13.	5.8	111
5020	Recent Tropical Expansion: Natural Variability or Forced Response?. <i>Journal of Climate</i> , 2019, 32, 1551-1571.	1.2	87
5021	Separating the North and South Pacific Meridional Modes Contributions to ENSO and Tropical Decadal Variability. <i>Geophysical Research Letters</i> , 2019, 46, 906-915.	1.5	41
5022	Global reconstruction of historical ocean heat storage and transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1126-1131.	3.3	180
5023	A Diagnostic-Predictive Assessment of Winter Precipitation over the Laurentian Great Lakes: Effects of ENSO and Other Teleconnections. <i>Journal of Hydrometeorology</i> , 2019, 20, 117-137.	0.7	10
5024	Impact of Indian Ocean warming on increasing trend in pre-monsoon rainfall and Hadley circulation over Bay of Bengal. <i>Theoretical and Applied Climatology</i> , 2019, 137, 2595-2606.	1.3	8
5025	The tropical and extratropical-origin summer meridional teleconnections over East Asia. <i>Climate Dynamics</i> , 2019, 53, 721-735.	1.7	16
5026	Assessing the dendroclimatic potential of <i>Nothofagus betuloides</i> (Magellan's beech) forests in the southernmost Chilean Patagonia. <i>Trees - Structure and Function</i> , 2019, 33, 557-575.	0.9	6
5027	Nonchaotic and globally synchronized short-term climatic variations and their origin. <i>Theoretical and Applied Climatology</i> , 2019, 137, 2639-2656.	1.3	16
5028	A reconciled estimate of the influence of Arctic sea-ice loss on recent Eurasian cooling. <i>Nature Climate Change</i> , 2019, 9, 123-129.	8.1	191
5029	ENSO teleconnections to the Indian summer monsoon under changing climate. <i>International Journal of Climatology</i> , 2019, 39, 3031-3042.	1.5	39

#	ARTICLE	IF	CITATIONS
5030	Uncertainty Assessment of the ERA-20C Reanalysis Based on the Monthly In Situ Precipitation Analysis of the Global Precipitation Climatology Centre. <i>Journal of Hydrometeorology</i> , 2019, 20, 231-250.	0.7	9
5031	The Northeast Winter Monsoon over the Indian Subcontinent and Southeast Asia: Evolution, Interannual Variability, and Model Simulations. <i>Journal of Climate</i> , 2019, 32, 231-249.	1.2	25
5032	Variable correspondence between western North Pacific tropical cyclone frequency and East Asian subtropical jet stream during boreal summer: A tropical Pacific sea surface temperature perspective. <i>International Journal of Climatology</i> , 2019, 39, 1768-1776.	1.5	7
5033	Assessing the internal variability in multi-decadal trends of summer surface air temperature over East Asia with a large ensemble of GCM simulations. <i>Climate Dynamics</i> , 2019, 52, 6229-6242.	1.7	27
5034	Functional reorganization of marine fish nurseries under climate warming. <i>Global Change Biology</i> , 2019, 25, 660-674.	4.2	37
5035	Pacific climate influences on ocean conditions and extreme shell growth events in the Northwestern Atlantic (Gulf of Maine). <i>Climate Dynamics</i> , 2019, 52, 6339-6356.	1.7	16
5036	The Importance of Unresolved Biases in Twentieth-Century Sea Surface Temperature Observations. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 621-629.	1.7	15
5037	Oceanic Forcing on Interannual Variability of Sahel Heavy and Moderate Daily Rainfall. <i>Journal of Hydrometeorology</i> , 2019, 20, 397-410.	0.7	32
5038	Atmospheric energetics over the tropical Indian Ocean during Indian Ocean dipole events. <i>Climate Dynamics</i> , 2019, 52, 6243-6256.	1.7	6
5039	Interannual to decadal variability in the catches of small pelagic fishes from China Seas and its responses to climatic regime shifts. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 159, 112-129.	0.6	51
5040	An observation-based perspective of winter haze days in four major polluted regions of China. <i>National Science Review</i> , 2019, 6, 515-523.	4.6	50
5041	Drivers of growth variability of <i>Hymenaea stigonocarpa</i> , a widely distributed tree species in the Brazilian Cerrado. <i>Dendrochronologia</i> , 2019, 53, 73-81.	1.0	7
5042	Error compensation of ENSO atmospheric feedbacks in climate models and its influence on simulated ENSO dynamics. <i>Climate Dynamics</i> , 2019, 53, 155-172.	1.7	56
5043	Isotopic evidence for twentieth-century weakening of the Pacific Walker circulation. <i>Earth and Planetary Science Letters</i> , 2019, 507, 85-93.	1.8	6
5044	Impacts of the combined modes of the tropical Indo-Pacific sea surface temperature anomalies on the tropical cyclone genesis over the western North Pacific. <i>International Journal of Climatology</i> , 2019, 39, 2108-2119.	1.5	17
5045	The Britishâ€“Baikal Corridor: A Teleconnection Pattern along the Summertime Polar Front Jet over Eurasia. <i>Journal of Climate</i> , 2019, 32, 877-896.	1.2	62
5046	Natural variability of Southern Ocean convection as a driver of observed climate trends. <i>Nature Climate Change</i> , 2019, 9, 59-65.	8.1	98
5047	Skill of Seasonal Arctic Sea Ice Extent Predictions Using the North American Multimodel Ensemble. <i>Journal of Climate</i> , 2019, 32, 623-638.	1.2	10

#	ARTICLE	IF	CITATIONS
5048	Heavy rainfall events over southeast peninsular India during northeast monsoon: Role of El Niño and easterly wave activity. <i>International Journal of Climatology</i> , 2019, 39, 1954-1968.	1.5	17
5049	Impact of multiyear La Niña events on the South and East Asian summer monsoon rainfall in observations and CMIP5 models. <i>Climate Dynamics</i> , 2019, 52, 6989-7011.	1.7	11
5050	Remote forcing of the northern tropical Atlantic SST anomalies on the western North Pacific anomalous anticyclone. <i>Climate Dynamics</i> , 2019, 52, 2837-2853.	1.7	45
5051	Biogeophysical feedback of phytoplankton on the Arctic climate. Part I: Impact of nonlinear rectification of interactive chlorophyll variability in the present-day climate. <i>Climate Dynamics</i> , 2019, 52, 5383-5396.	1.7	11
5052	Solar impacts on decadal variability of tropopause temperature and lower stratospheric (LS) water vapour: a mechanism through ocean-atmosphere coupling. <i>Climate Dynamics</i> , 2019, 52, 5585-5604.	1.7	17
5053	The impact of global warming on sea surface temperature based El Niño-Southern Oscillation monitoring indices. <i>International Journal of Climatology</i> , 2019, 39, 1092-1103.	1.5	22
5054	The anomalous 2017 coastal El Niño event in Peru. <i>Climate Dynamics</i> , 2019, 52, 5605-5622.	1.7	51
5055	Extreme El Niño Events. , 2019, , 165-201.		6
5056	Ocean-Atmosphere Dynamical Coupling Fundamental to the Atlantic Multidecadal Oscillation. <i>Journal of Climate</i> , 2019, 32, 251-272.	1.2	74
5057	Impacts of the Pacific meridional mode on rainfall over the maritime continent and australia: potential for seasonal predictions. <i>Climate Dynamics</i> , 2019, 53, 7185-7199.	1.7	6
5058	Influence of Westerly Wind Events stochasticity on El Niño amplitude: the case of 2014 vs. 2015. <i>Climate Dynamics</i> , 2019, 52, 7435-7454.	1.7	35
5059	Dynamical Downscaling of the Arctic Climate with a Focus on Polar Cyclone Climatology. <i>Atmosphere - Ocean</i> , 2019, 57, 41-60.	0.6	5
5060	Temperature trends and prediction skill in NMME seasonal forecasts. <i>Climate Dynamics</i> , 2019, 53, 7201-7213.	1.7	17
5061	The very strong coastal El Niño in 1925 in the far-eastern Pacific. <i>Climate Dynamics</i> , 2019, 52, 7389-7415.	1.7	85
5062	Interdecadal variability of El Niño onset and its impact on monsoon systems over areas encircling the Pacific Ocean. <i>Climate Dynamics</i> , 2019, 52, 7173-7188.	1.7	8
5063	Linking preconditioning to extreme ENSO events and reduced ensemble spread. <i>Climate Dynamics</i> , 2019, 52, 7417-7433.	1.7	20
5064	Roles of tropical SST patterns during two types of ENSO in modulating wintertime rainfall over southern China. <i>Climate Dynamics</i> , 2019, 52, 523-538.	1.7	42
5065	Diagnosing the leading mode of interdecadal covariability between the Indian Ocean sea surface temperature and summer precipitation in southern China. <i>Theoretical and Applied Climatology</i> , 2019, 135, 1295-1306.	1.3	10

#	ARTICLE	IF	CITATIONS
5066	Contrasting relationship between the Kuroshio Extension and the East Asian summer monsoon before and after the late 1980s. <i>Climate Dynamics</i> , 2019, 52, 929-950.	1.7	8
5067	Recent predictors of Indian summer monsoon based on Indian and Pacific Ocean SST. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 525-539.	0.9	6
5068	A skilful prediction scheme for West China autumn precipitation. <i>Theoretical and Applied Climatology</i> , 2019, 135, 183-192.	1.3	5
5069	A theoretical model of strong and moderate El Niño regimes. <i>Climate Dynamics</i> , 2019, 52, 7477-7493.	1.7	24
5070	Effect of boreal spring precipitation anomaly pattern change in the late 1990s over tropical Pacific on the atmospheric teleconnection. <i>Climate Dynamics</i> , 2019, 52, 401-416.	1.7	13
5071	Spectral cumulus parameterization based on cloud-resolving model. <i>Climate Dynamics</i> , 2019, 52, 309-334.	1.7	27
5072	Impact of ENSO longitudinal position on teleconnections to the NAO. <i>Climate Dynamics</i> , 2019, 52, 257-274.	1.7	65
5073	The contrasting response of Hadley circulation to different meridional structure of sea surface temperature in CMIP5. <i>Theoretical and Applied Climatology</i> , 2019, 135, 633-647.	1.3	4
5074	Role of changed Indo-Pacific atmospheric circulation in the recent disconnect between the Indian summer monsoon and ENSO. <i>Climate Dynamics</i> , 2019, 52, 1461-1470.	1.7	39
5075	An effective drift correction for dynamical downscaling of decadal global climate predictions. <i>Climate Dynamics</i> , 2019, 52, 1343-1357.	1.7	8
5076	A "La Niña-like" state occurring in the second year after large tropical volcanic eruptions during the past 1500 years. <i>Climate Dynamics</i> , 2019, 52, 7495-7509.	1.7	29
5077	A metric for quantifying El Niño pattern diversity with implications for ENSO "mean state interaction". <i>Climate Dynamics</i> , 2019, 52, 7511-7523.	1.7	8
5078	Future changes in Asian summer monsoon precipitation extremes as inferred from 20-km AGCM simulations. <i>Climate Dynamics</i> , 2019, 52, 1443-1459.	1.7	20
5079	Stratospheric role in interdecadal changes of El Niño impacts over Europe. <i>Climate Dynamics</i> , 2019, 52, 1173-1186.	1.7	26
5080	Evaluation of performance of CMIP5 models in simulating the North Pacific Oscillation and El Niño Modoki. <i>Climate Dynamics</i> , 2019, 52, 1383-1394.	1.7	41
5081	Diversity of moderate El Niño events evolution: role of air-sea interactions in the eastern tropical Pacific. <i>Climate Dynamics</i> , 2019, 52, 7455-7476.	1.7	24
5082	Variability along the Atlantic water pathway in the forced Norwegian Earth System Model. <i>Climate Dynamics</i> , 2019, 52, 1211-1230.	1.7	10
5083	Understanding the effect of an excessive cold tongue bias on projecting the tropical Pacific SST warming pattern in CMIP5 models. <i>Climate Dynamics</i> , 2019, 52, 1805-1818.	1.7	35

#	ARTICLE	IF	CITATIONS
5084	Multi-model ensemble forecasting of North Atlantic tropical cyclone activity. <i>Climate Dynamics</i> , 2019, 53, 7461-7477.	1.7	17
5085	Changes in atmospheric rivers and moisture transport over the Northeast Pacific and western North America in response to ENSO diversity. <i>Climate Dynamics</i> , 2019, 52, 7375-7388.	1.7	60
5086	Impacts of ENSO diversity on the western Pacific and North Pacific subtropical highs during boreal summer. <i>Climate Dynamics</i> , 2019, 52, 7153-7172.	1.7	32
5087	High-quality sea surface temperature measurements along coast of the Bohai and Yellow Seas in China and their long-term trends during 1960–2012. <i>International Journal of Climatology</i> , 2020, 40, 63-76.	1.5	3
5088	Individual and Combined Impacts of Tropical Indo-Pacific SST Anomalies on Interannual Variation of the Indochina Peninsular Precipitation. <i>Journal of Climate</i> , 2020, 33, 1069-1088.	1.2	17
5089	ENSO diversity and the recent appearance of Central Pacific ENSO. <i>Climate Dynamics</i> , 2020, 54, 413-433.	1.7	12
5090	A study of Holocene Asian summer and winter monsoon change by an analog of climate factors between millennial and modern interannual scales. <i>Progress in Physical Geography</i> , 2020, 44, 315-337.	1.4	2
5091	Integrated large-scale circulation impact on rainy season precipitation in the source region of the Yangtze River. <i>International Journal of Climatology</i> , 2020, 40, 2285-2295.	1.5	9
5092	Characterization of tropical cyclone rapid intensification under two types of El Niño events in the Western North Pacific. <i>International Journal of Climatology</i> , 2020, 40, 2359-2372.	1.5	12
5093	Relationship between the sharp decrease in dust storm frequency over East Asia and the abrupt loss of Arctic sea ice in the early 1980s. <i>Geological Magazine</i> , 2020, 157, 729-740.	0.9	7
5094	Fundamental Behavior of ENSO Phase Locking. <i>Journal of Climate</i> , 2020, 33, 1953-1968.	1.2	43
5095	Upwelling buffers climate change impacts on coral reefs of the eastern tropical Pacific. <i>Ecology</i> , 2020, 101, e02918.	1.5	36
5096	The extremely north position of the western Pacific subtropical high in summer of 2018: Important role of the convective activities in the western Pacific. <i>International Journal of Climatology</i> , 2020, 40, 1361-1374.	1.5	8
5097	Changes in winter stationary wave activity during weak mid-latitude and Arctic thermal contrast period. <i>International Journal of Climatology</i> , 2020, 40, 1755-1768.	1.5	9
5098	Northwestwards shift of tropical cyclone genesis position during autumn over the western North Pacific after the late 1990s. <i>International Journal of Climatology</i> , 2020, 40, 1885-1899.	1.5	11
5099	Impact of El Niño Modoki on Indian summer monsoon rainfall: Role of western north Pacific circulation in observations and CMIP5 models. <i>International Journal of Climatology</i> , 2020, 40, 2117-2133.	1.5	18
5100	Autoregressive Statistical Modeling of a Peru Margin Multi-proxy Holocene Record Shows Correlation Not Causation, Flickering Regimes and Persistence. <i>Journal of Statistical Physics</i> , 2020, 179, 1553-1571.	0.5	1
5101	Dynamics of the ENSO Teleconnection and NAO Variability in the North Atlantic–European Late Winter. <i>Journal of Climate</i> , 2020, 33, 907-923.	1.2	41

#	ARTICLE	IF	CITATIONS
5102	Stronger Increase in the Frequency of Extreme Convective than Extreme Warm El Niño Events under Greenhouse Warming. <i>Journal of Climate</i> , 2020, 33, 675-690.	1.2	18
5103	Solar cycle modulation of the relationship between the boreal spring Northern Atlantic Oscillation and the East and Southeast Asian summer climate. <i>Meteorology and Atmospheric Physics</i> , 2020, 132, 287-295.	0.9	6
5104	World marine fog analysis based on 58 years of ship observations. <i>International Journal of Climatology</i> , 2020, 40, 145-168.	1.5	11
5105	Changes in clouds and atmospheric circulation associated with rapid adjustment induced by increased atmospheric CO ₂ : a multiscale modeling framework study. <i>Climate Dynamics</i> , 2020, 55, 277-293.	1.7	2
5106	Impact of sea ice decline in the Arctic Ocean on the number of extreme low temperature days over China. <i>International Journal of Climatology</i> , 2020, 40, 1421-1434.	1.5	6
5107	Impact of winter SST anomaly in tropical Eastern Pacific on following summer tropical cyclone precipitation in China. <i>International Journal of Climatology</i> , 2020, 40, 739-749.	1.5	5
5108	Different contributions of Arctic sea ice anomalies from different regions to North China summer ozone pollution. <i>International Journal of Climatology</i> , 2020, 40, 559-571.	1.5	8
5109	Role of autumn Arctic Sea ice in the subsequent summer precipitation variability over East Asia. <i>International Journal of Climatology</i> , 2020, 40, 706-722.	1.5	16
5110	Two dominant factors governing the decadal cooling anomalies in winter in East China during the global hiatus period. <i>International Journal of Climatology</i> , 2020, 40, 750-768.	1.5	10
5111	The Central Chile Mega Drought (2010–2018): A climate dynamics perspective. <i>International Journal of Climatology</i> , 2020, 40, 421-439.	1.5	375
5112	Evaluation of CMIP5 models in simulating the respective impacts of East Asian winter monsoon and ENSO on the western North Pacific anomalous anticyclone. <i>International Journal of Climatology</i> , 2020, 40, 805-821.	1.5	3
5113	Dominant modes of interannual variability of extreme high temperature events in eastern China during summer and associated mechanisms. <i>International Journal of Climatology</i> , 2020, 40, 841-857.	1.5	21
5114	Evaluation of the Korea Meteorological Administration Advanced Community Earth-System model (K-ACE). <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2020, 56, 381-395.	1.3	54
5115	Comparison of the effects of soil moisture and El Niño on summer precipitation in eastern China. <i>Science China Earth Sciences</i> , 2020, 63, 267-278.	2.3	9
5116	Interdecadal change in the principal mode of winter–spring precipitation anomaly over tropical Pacific around the late 1990s. <i>Climate Dynamics</i> , 2020, 54, 1023-1042.	1.7	6
5117	How does El Niño–Southern Oscillation affect winter fog frequency over eastern China?. <i>Climate Dynamics</i> , 2020, 54, 1043-1056.	1.7	12
5118	Recent changes in the trend, prominent modes, and the interannual variability of Indian summer monsoon rainfall centered on the early twenty-first century. <i>Theoretical and Applied Climatology</i> , 2020, 139, 815-824.	1.3	11
5119	Aliasing of the Indian Ocean externally-forced warming spatial pattern by internal climate variability. <i>Climate Dynamics</i> , 2020, 54, 1093-1111.	1.7	11

#	ARTICLE	IF	CITATIONS
5120	Effect of Warm SST in the Subtropical Eastern North Pacific on Triggering the Abrupt Change of the Mei-Yu Rainfall over South China in the Early 1990s. <i>Journal of Climate</i> , 2020, 33, 657-673.	1.2	3
5121	Influence of winter Arctic sea ice concentration change on the El Niño–Southern Oscillation in the following winter. <i>Climate Dynamics</i> , 2020, 54, 741-757.	1.7	28
5122	Relationship between the South China Sea summer monsoon withdrawal and September–October rainfall over southern China. <i>Climate Dynamics</i> , 2020, 54, 713-726.	1.7	24
5123	Uncertainty Estimates for Sea Surface Temperature and Land Surface Air Temperature in NOAA GlobalTemp Version 5. <i>Journal of Climate</i> , 2020, 33, 1351-1379.	1.2	54
5124	Change in strong Eastern Pacific El Niño events dynamics in the warming climate. <i>Climate Dynamics</i> , 2020, 54, 901-918.	1.7	19
5125	Comparisons of hot summers in the Mediterranean and North China. <i>Theoretical and Applied Climatology</i> , 2020, 139, 915-922.	1.3	1
5126	Climate signals in carbon and oxygen isotope ratios of <i>Pinus cembra</i> tree-ring cellulose from the Căflimani Mountains, Romania. <i>International Journal of Climatology</i> , 2020, 40, 2539-2556.	1.5	22
5127	Shallow convective closure in a spectral cumulus parameterization. <i>Atmospheric Research</i> , 2020, 233, 104707.	1.8	9
5128	Variability in the Mozambique Channel Trough and Impacts on Southeast African Rainfall. <i>Journal of Climate</i> , 2020, 33, 749-765.	1.2	40
5129	Interannual Variability of North American Winter Temperature Extremes and Its Associated Circulation Anomalies in Observations and CMIP5 Simulations. <i>Journal of Climate</i> , 2020, 33, 847-865.	1.2	12
5130	New Evidence of Mediterranean Climate Change and Variability from Sea Surface Temperature Observations. <i>Remote Sensing</i> , 2020, 12, 132.	1.8	113
5131	Eastward shift and extension of ENSO-induced tropical precipitation anomalies under global warming. <i>Science Advances</i> , 2020, 6, eaax4177.	4.7	33
5132	A statistical prediction model for summer extreme precipitation days over the northern central China. <i>International Journal of Climatology</i> , 2020, 40, 4189-4202.	1.5	6
5133	Long-term SST Variability on the Northwest Atlantic Continental Shelf and Slope. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085455.	1.5	35
5134	The Indian Monsoon in a changing climate. <i>Weather</i> , 2020, 75, 18-18.	0.6	0
5135	Predicting June Mean Rainfall in the Middle/Lower Yangtze River Basin. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 29-41.	1.9	19
5136	Climate diagnostics of the extreme floods in Peru during early 2017. <i>Climate Dynamics</i> , 2020, 54, 935-945.	1.7	17
5137	Early prediction of the Indian summer monsoon rainfall by the Atlantic Meridional Mode. <i>Climate Dynamics</i> , 2020, 54, 2337-2346.	1.7	24

#	ARTICLE	IF	CITATIONS
5138	Interannual Southern California Precipitation Variability During the Common Era and the ENSO Teleconnection. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085891.	1.5	4
5139	Boreal Winter Surface Air Temperature Responses to Large Tropical Volcanic Eruptions in CMIP5 Models. <i>Journal of Climate</i> , 2020, 33, 2407-2426.	1.2	9
5140	A Long View of Southern California Water Supply: Perfect Droughts Revisited. <i>Journal of the American Water Resources Association</i> , 2020, 56, 212-229.	1.0	7
5141	Improved Estimation of Proxy Sea Surface Temperature in the Arctic. <i>Journal of Atmospheric and Oceanic Technology</i> , 2020, 37, 341-349.	0.5	70
5142	The Decadal Reduction of Southeastern Australian Autumn Rainfall since the Early 1990s: A Response to Sea Surface Temperature Warming in the Subtropical South Pacific. <i>Journal of Climate</i> , 2020, 33, 2249-2261.	1.2	4
5143	Relevance of Relative Sea Surface Temperature for Tropical Rainfall Interannual Variability. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086182.	1.5	21
5144	Multi-scale features of the co-variability between global sea surface temperature anomalies and daily extreme rainfall in Argentina. <i>International Journal of Climatology</i> , 2020, 40, 4289-4299.	1.5	8
5145	Duplex equilibria of Ural circulation anomalies. <i>Climate Dynamics</i> , 2020, 54, 1425-1452.	1.7	2
5146	On the role of the atlantic ocean in exacerbating indian heat waves. <i>Climate Dynamics</i> , 2020, 54, 1887-1896.	1.7	6
5147	Gauging the performance of CMIP5 historical simulation in reproducing observed gauge rainfall over Kenya. <i>Atmospheric Research</i> , 2020, 236, 104808.	1.8	17
5148	+A 5680-year tree-ring temperature record for southern South America. <i>Quaternary Science Reviews</i> , 2020, 228, 106087.	1.4	25
5149	Quantification of the Arctic Sea Ice-Driven Atmospheric Circulation Variability in Coordinated Large Ensemble Simulations. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085397.	1.5	29
5150	Divergent consensuses on Arctic amplification influence on midlatitude severe winter weather. <i>Nature Climate Change</i> , 2020, 10, 20-29.	8.1	424
5151	Resilience in reef-building corals: The ecological and evolutionary importance of the host response to thermal stress. <i>Molecular Ecology</i> , 2020, 29, 448-465.	2.0	54
5152	Seasonal Dependence of Cold Surges and their Interaction with the Madden-Julian Oscillation over Southeast Asia. <i>Journal of Climate</i> , 2020, 33, 2467-2482.	1.2	28
5153	Hydroclimate Change Encoded in Tree Rings of Fengshui Woods in Southeastern China and its Teleconnection With El Niño-Southern Oscillation. <i>Water Resources Research</i> , 2020, 56, e2018WR024612.	1.7	10
5154	Investigating the association between late spring Gulf of Mexico sea surface temperatures and U.S. Gulf Coast precipitation extremes with focus on Hurricane Harvey. <i>Environmetrics</i> , 2020, 31, e2595.	0.6	4
5155	Comparison of North Atlantic Oscillation-related changes in the North Atlantic sea ice and associated surface quantities on different time scales. <i>International Journal of Climatology</i> , 2020, 40, 2686-2701.	1.5	5

#	ARTICLE	IF	CITATIONS
5156	Extreme flooding of the lower Yellow River near the Northgrippian-Meghalayan boundary: Evidence from the Shilipu archaeological site in southwestern Shandong Province, China. <i>Geomorphology</i> , 2020, 350, 106878.	1.1	21
5157	A New Method to Evaluate Reanalyses Using Synoptic Patterns: An Example Application in the Ross Sea/Ross Ice Shelf Region. <i>Earth and Space Science</i> , 2020, 7, e2019EA000794.	1.1	12
5158	Changes in Lake Area in the Inner Mongolian Plateau under Climate Change: The Role of the Atlantic Multidecadal Oscillation and Arctic Sea Ice. <i>Journal of Climate</i> , 2020, 33, 1335-1349.	1.2	8
5159	A new compilation of globally gridded nighttime marine air temperatures: The UAHNMAV1 dataset. <i>International Journal of Climatology</i> , 2020, 40, 2609-2623.	1.5	7
5160	Water level changes, subsidence, and sea level rise in the Gangesâ€“Brahmaputraâ€“Meghna delta. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1867-1876.	3.3	86
5161	Revisiting the Impact of Sea Salt on Climate Sensitivity. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085601.	1.5	12
5162	Modeling study of the destructive interference between the tropical Indian Ocean and eastern Pacific in their forcing in the southern winter extratropical stratosphere during ENSO. <i>Climate Dynamics</i> , 2020, 54, 2249-2266.	1.7	20
5163	Role of the Surface Boundary Conditions in Boreal Spring on the Interannual Variability of the Multistage Evolution of the East Asian Summer Monsoon. <i>Journal of Climate</i> , 2020, 33, 1845-1861.	1.2	4
5164	Modulation of the impacts of Maddenâ€“Julian Oscillation on winter rainfall in China by El NiÃ±oâ€“Southern Oscillation. <i>International Journal of Climatology</i> , 2020, 40, 4039-4052.	1.5	9
5165	Multi-model drought predictions using temporally aggregated climate indicators. <i>Journal of Hydrology</i> , 2020, 581, 124419.	2.3	12
5166	Largeâ€“scale and local climatic controls on large herbivore productivity: implications for adaptive rangeland management. <i>Ecological Applications</i> , 2020, 30, e02053.	1.8	14
5167	The Pacific Decadal Oscillation less predictable under greenhouse warming. <i>Nature Climate Change</i> , 2020, 10, 30-34.	8.1	60
5168	Contributions of Atmospheric Stochastic Forcing and Intrinsic Ocean Modes to North Atlantic Ocean Interdecadal Variability. <i>Journal of Climate</i> , 2020, 33, 2351-2370.	1.2	12
5169	An inter-basin teleconnection from the North Atlantic to the subarctic North Pacific at multidecadal time scales. <i>Climate Dynamics</i> , 2020, 54, 807-822.	1.7	16
5170	Contribution of SST change to multidecadal global and continental surface air temperature trends between 1910 and 2013. <i>Climate Dynamics</i> , 2020, 54, 1295-1313.	1.7	4
5171	Disentangling and quantifying contributions of distinct forcing factors to the observed global sea level pressure field. <i>Climate Dynamics</i> , 2020, 54, 1453-1467.	1.7	3
5172	Variability of boreal spring Hadley circulation over the Asian monsoon domain and its relationship with tropical SST. <i>Climate Dynamics</i> , 2020, 54, 1655-1669.	1.7	7
5173	Water storage redistribution over East China, between 2003 and 2015, driven by intra- and inter-annual climate variability. <i>Journal of Hydrology</i> , 2020, 583, 124475.	2.3	18

#	ARTICLE	IF	CITATIONS
5174	Climate prediction of summer extreme precipitation frequency in the Yangtze River valley based on sea surface temperature in the southern Indian Ocean and ice concentration in the Beaufort Sea. <i>International Journal of Climatology</i> , 2020, 40, 4117-4130.	1.5	13
5175	Do asymmetries in ENSO predictability arise from different recharged states?. <i>Climate Dynamics</i> , 2020, 54, 1507-1522.	1.7	9
5176	Sea Surface Temperature Variability on the SE Greenland Shelf (1796–2013 CE) and Its Influence on Thrym Glacier in Narsarsuaq. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003692.	1.3	3
5177	The Forced Response of the El Niño–Southern Oscillation–Indian Monsoon Teleconnection in Ensembles of Earth System Models. <i>Journal of Climate</i> , 2020, 33, 2163-2182.	1.2	26
5178	Using Observed Signals from the Arctic Stratosphere and Indian Ocean to Predict April–May Precipitation in Central China. <i>Journal of Climate</i> , 2020, 33, 131-143.	1.2	14
5179	Effects of Climate Modes on Interannual Variability of Upwelling in the Tropical Indian Ocean. <i>Journal of Climate</i> , 2020, 33, 1547-1573.	1.2	16
5180	Recent Shift in the State of the Western Pacific Subtropical High due to ENSO Change. <i>Journal of Climate</i> , 2020, 33, 229-241.	1.2	13
5181	Significant changes in the ENSO-monsoon relationship and associated circulation features on multidecadal timescale. <i>Climate Dynamics</i> , 2020, 54, 1491-1506.	1.7	34
5182	Interannual variability of South China Sea winter circulation: response to Luzon Strait transport and El Niño wind. <i>Climate Dynamics</i> , 2020, 54, 1145-1159.	1.7	27
5183	A Nonmodal Instability Perspective of the Declining Northern Midlatitude Synoptic Variability in Boreal Summer. <i>Journal of Climate</i> , 2020, 33, 1177-1192.	1.2	5
5184	Impact of Multidecadal Variability in Atlantic SST on Winter Atmospheric Blocking. <i>Journal of Climate</i> , 2020, 33, 867-892.	1.2	20
5185	Two Leading Modes of Wintertime Atmospheric Circulation Drive the Recent Warm Arctic–Cold Eurasia Temperature Pattern. <i>Journal of Climate</i> , 2020, 33, 5565-5587.	1.2	28
5186	A Look at the Relationship between the Large-Scale Tropospheric Static Stability and the Tropical Cyclone Maximum Intensity. <i>Journal of Climate</i> , 2020, 33, 959-975.	1.2	7
5187	Future projections of Indian Summer Monsoon under multiple RCPs using a high resolution global climate model multiforcing ensemble simulations. <i>Climate Dynamics</i> , 2020, 54, 1315-1328.	1.7	21
5188	Determining subsurface oceanic changes in the Indian sector of the Southern Ocean using Argo float data. <i>Polar Science</i> , 2020, 23, 100498.	0.5	0
5189	Ecological effects of non-native species in marine ecosystems relate to co-occurring anthropogenic pressures. <i>Global Change Biology</i> , 2020, 26, 1248-1258.	4.2	20
5190	Seasonal Covariability of Dryness or Wetness in China and Global Sea Surface Temperature. <i>Journal of Climate</i> , 2020, 33, 727-747.	1.2	3
5191	A study of the effects of westerly wind bursts on ENSO based on CESM. <i>Climate Dynamics</i> , 2020, 54, 885-899.	1.7	20

#	ARTICLE	IF	CITATIONS
5192	Assessing opportunities to support coral reef climate change refugia in MPAs: A case study at the Revillagigedo Archipelago. <i>Marine Policy</i> , 2020, 112, 103769.	1.5	6
5193	Influence of global sea surface temperature on ultra-low-frequency variability in Indian summer monsoon rainfall. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 904-921.	1.0	4
5194	Do CMIP5 Models Show El Niño Diversity?. <i>Journal of Climate</i> , 2020, 33, 1619-1641.	1.2	20
5195	Decadal change in summer precipitation over the east of Northwest China and its associations with atmospheric circulations and sea surface temperatures. <i>International Journal of Climatology</i> , 2020, 40, 3731-3747.	1.5	10
5196	Time-lagged correlations associated with interannual variations of pre-monsoon and post-monsoon precipitation in Myanmar and the Indochina Peninsula. <i>International Journal of Climatology</i> , 2020, 40, 3792-3812.	1.5	14
5197	Enhanced ENSO Prediction via Augmentation of Multimodel Ensembles with Initial Thermocline Perturbations. <i>Journal of Climate</i> , 2020, 33, 2281-2293.	1.2	10
5198	Sensitivity of the 2018 UK summer heatwave to local sea temperatures and soil moisture. <i>Atmospheric Science Letters</i> , 2020, 21, e948.	0.8	15
5199	Recent density decline in wild-collected subarctic crustose coralline algae reveals climate change signature. <i>Geology</i> , 2020, 48, 226-230.	2.0	13
5200	Origin of Weakened Interannual Sea Surface Temperature Variability in the Southeastern Tropical Atlantic Ocean. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089348.	1.5	10
5201	On the Projected Decline in Droughts Over South Asia in CMIP6 Multimodel Ensemble. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033587.	1.2	70
5202	Century-long cod otolith biochronology reveals individual growth plasticity in response to temperature. <i>Scientific Reports</i> , 2020, 10, 16708.	1.6	15
5203	Comparison of the Causes of High-Frequency Heavy and Light Snowfall on Interannual Timescales over Northeast China. <i>Atmosphere</i> , 2020, 11, 936.	1.0	6
5204	Impact of the Indo-Pacific Warm Pool on the Hadley, Walker, and Monsoon Circulations. <i>Atmosphere</i> , 2020, 11, 1030.	1.0	14
5205	Quantifying Progress Across Different CMIP Phases With the ESMValTool. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032321.	1.2	50
5206	Future changes in rice yield over Kerala using climate change scenario from high resolution global climate model projection. <i>Journal of Earth System Science</i> , 2020, 129, 1.	0.6	5
5207	Barrier for the Eastward Propagation of Madden-Julian Oscillation Over the Maritime Continent: A Possible New Mechanism. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090211.	1.5	7
5208	Solar irradiance and ENSO affect food security in Lake Tanganyika, a major African inland fishery. <i>Science Advances</i> , 2020, 6, .	4.7	14
5209	Quasi-Biennial Oscillation and Sudden Stratospheric Warmings during the Last Glacial Maximum. <i>Atmosphere</i> , 2020, 11, 943.	1.0	7

#	ARTICLE	IF	CITATIONS
5210	Characteristics of the South China Sea Monsoon from the Onset to Withdrawal before and after 1993/94. <i>Advances in Meteorology</i> , 2020, 2020, 1-13.	0.6	2
5211	Using local ecological knowledge of Fishers to infer the impact of climate variability in Gal�pagos� small-scale fisheries. <i>Marine Policy</i> , 2020, 121, 104195.	1.5	6
5212	Impacts of Ocean Wave�Dependent Momentum Flux on Global Ocean Climate. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089296.	1.5	7
5213	Temperature sensitivity of blue intensity, maximum latewood density, and ring width data of living black spruce trees in the eastern Canadian taiga. <i>Dendrochronologia</i> , 2020, 64, 125771.	1.0	12
5214	Hydroclimate extremes in a north Australian drought reconstruction asymmetrically linked with Central Pacific Sea surface temperatures. <i>Global and Planetary Change</i> , 2020, 195, 103329.	1.6	12
5215	Implementation of Groundwater Lateral Flow and Human Water Regulation in CAS�FGOALS�g3. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032289.	1.2	7
5216	Near-Surface Salinity Reveals the Oceanic Sources of Moisture for Australian Precipitation through Atmospheric Moisture Transport. <i>Journal of Climate</i> , 2020, 33, 6707-6730.	1.2	8
5217	Essential Role of the Midlatitude South Atlantic Variability in Altering the Southern Hemisphere Summer Storm Tracks. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087910.	1.5	4
5218	Understanding Intermodel Diversity When Simulating the Time of Emergence in CMIP5 Climate Models. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087923.	1.5	7
5219	Inter-Comparisons of Daily Sea Surface Temperatures and In-Situ Temperatures in the Coastal Regions. <i>Remote Sensing</i> , 2020, 12, 1592.	1.8	18
5220	Interdecadal enhancement in the interannual variability of the summer monsoon meridional circulation over the South China Sea around the early 1990s. <i>Climate Dynamics</i> , 2020, 55, 2149-2164.	1.7	8
5221	Indian Ocean warming modulates global atmospheric circulation trends. <i>Climate Dynamics</i> , 2020, 55, 2053-2073.	1.7	28
5222	Why Does the CP El Ni�o less Frequently Evolve Into La Ni�a than the EP El Ni�o?. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087876.	1.5	4
5223	A Unique Feature of the 2019 Extreme Positive Indian Ocean Dipole Event. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088615.	1.5	40
5224	Two Types of ENSO Varying in Tandem Facilitated by Nonlinear Atmospheric Convection. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088784.	1.5	16
5225	Contributions of tropical-extratropical oceans to the prediction skill of ENSO after 2000. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 338-345.	0.5	5
5226	Cold range edges of marine fishes track climate change better than warm edges. <i>Global Change Biology</i> , 2020, 26, 2908-2922.	4.2	66
5227	The Evaluation of the North Atlantic Climate System in UKESM1 Historical Simulations for CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002126.	1.3	8

#	ARTICLE	IF	CITATIONS
5228	Simulations for CMIP6 With the AWI Climate Model AWIa€CMa€Cl. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS002009.	1.3	72
5229	The Footprint of Atlantic Multidecadal Oscillation on the Intensity of Tropical Cyclones Over the Western North Pacific. Frontiers in Earth Science, 2020, 8, .	0.8	6
5230	Anthropogenic Influences on 2019 July Precipitation Extremes Over the Mida€Lower Reaches of the Yangtze River. Frontiers in Environmental Science, 0, 8, .	1.5	10
5231	Validation of Satellite Sea Surface Temperatures and Long-Term Trends in Korean Coastal Regions over Past Decades (1982a€2018). Remote Sensing, 2020, 12, 3742.	1.8	10
5232	COTSMoD: A spatially explicit metacommunity model of outbreaks of crown-of-thorns starfish and coral recovery. Advances in Marine Biology, 2020, 87, 259-290.	0.7	3
5233	Quantifying Contributions of Internal Variability and External Forcing to Atlantic Multidecadal Variability Since 1870. Geophysical Research Letters, 2020, 47, e2020GL089504.	1.5	35
5234	Climate change forces plankton species to move to get rid of extinction: mathematical modeling approach. European Physical Journal Plus, 2020, 135, 1.	1.2	6
5235	Attenuated Interannual Variability of Austral Winter Antarctic Sea Ice Over Recent Decades. Geophysical Research Letters, 2020, 47, e2020GL090590.	1.5	6
5236	Aerosol Forcing Masks and Delays the Formation of the North Atlantic Warming Hole by Three Decades. Geophysical Research Letters, 2020, 47, e2020GL090778.	1.5	17
5237	Slower decay of landfalling hurricanes in a warming world. Nature, 2020, 587, 230-234.	13.7	98
5238	Description and Climate Simulation Performance of CASa€ESM Version 2. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002210.	1.3	59
5239	Contrasting Upper and Deep Ocean Oxygen Response to Protracted Global Warming. Global Biogeochemical Cycles, 2020, 34, e2020GB006601.	1.9	24
5240	The East Asian Subtropical Jet Stream and Atlantic Tropical Cyclones. Geophysical Research Letters, 2020, 47, e2020GL088851.	1.5	3
5241	Control of the Oceanic Heat Content of the Getza€Dotson Trough, Antarctica, by the Amundsen Sea Low. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016113.	1.0	23
5242	Tropical Expansion Driven by Poleward Advancing Midlatitude Meridional Temperature Gradients. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033158.	1.2	37
5243	Midlatitude unstable air-sea interaction with atmospheric transient eddy dynamical forcing in an analytical coupled model. Climate Dynamics, 2020, 55, 2557-2577.	1.7	19
5244	Likely weakening of the Florida Current during the past century revealed by sea-level observations. Nature Communications, 2020, 11, 3973.	5.8	28
5245	Warm Arctic, Cold Siberia Pattern: Role of Full Arctic Amplification Versus Sea Ice Loss Alone. Geophysical Research Letters, 2020, 47, e2020GL088583.	1.5	49

#	ARTICLE	IF	CITATIONS
5246	Wind Stress-Induced Multiyear Predictability of Annual Extratropical North Atlantic Sea Surface Temperature Anomalies. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087031.	1.5	4
5247	Indian Ocean Dipole in CMIP5 and CMIP6: characteristics, biases, and links to ENSO. <i>Scientific Reports</i> , 2020, 10, 11500.	1.6	94
5248	State of the UK Climate 2019. <i>International Journal of Climatology</i> , 2020, 40, 1-69.	1.5	53
5249	Contrasting Transition Complexity Between El Niño and La Niña: Observations and CMIP5/6 Models. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088926.	1.5	21
5250	Keeping pace with marine heatwaves. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 482-493.	12.2	175
5251	Tree-ring-based temperature reconstruction since 1766 ce in the eastern Tianshan Mountains, arid Central Asia. <i>Theoretical and Applied Climatology</i> , 2020, 142, 687-699.	1.3	9
5252	On the Interdecadal Change in the Interannual Variation in Autumn Snow Cover Over the Central Eastern Tibetan Plateau in the Mid-1990s. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032685.	1.2	12
5253	Response: Commentary: Lake or Sea? The Unknown Future of Central Baltic Sea Herring. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	0
5254	Four-dimensional structure and sub-seasonal regulation of the Indian summer monsoon multi-decadal mode. <i>Climate Dynamics</i> , 2020, 55, 2645-2666.	1.7	20
5255	Enhanced Predictability of Eastern North Pacific Tropical Cyclone Activity Using the ENSO Longitude Index. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088849.	1.5	6
5256	Interdecadal Variations in Extreme High-Temperature Events over Southern China in the Early 2000s and the Influence of the Pacific Decadal Oscillation. <i>Atmosphere</i> , 2020, 11, 829.	1.0	14
5257	Interdecadal modulation of ENSO amplitude by the Atlantic multi-decadal oscillation (AMO). <i>Climate Dynamics</i> , 2020, 55, 2689-2702.	1.7	14
5258	Mid-Holocene to present-day evolution of the Indian monsoon in transient global simulations. <i>Climate Dynamics</i> , 2020, 55, 2761-2784.	1.7	16
5259	Historical (1850–2014) Aerosol Evolution and Role on Climate Forcing Using the GISS ModelE2.1 Contribution to CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001978.	1.3	69
5260	North Pacific zonal wind response to sea ice loss in the Polar Amplification Model Intercomparison Project and its downstream implications. <i>Climate Dynamics</i> , 2020, 55, 1779-1792.	1.7	7
5261	Contribution of Global Warming and Atmospheric Circulation to the Hottest Spring in Eastern China in 2018. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 1285-1294.	1.9	12
5262	Asymmetrical Response of the East Asian Summer Monsoon to the Quadrennial Oscillation of Global Sea Surface Temperature Associated With the Tibetan Plateau Thermal Feedback. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032129.	1.2	11
5263	Environmentally driven changes in Baltic salmon oxidative status during marine migration. <i>Science of the Total Environment</i> , 2020, 742, 140259.	3.9	3

#	ARTICLE	IF	CITATIONS
5264	Anthropogenic Decline of African Dust: Insights From the Holocene Records and Beyond. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089711.	1.5	5
5265	Arctic Sea Ice in the First Half of the 20th Century: Temperature-Based Spatiotemporal Reconstruction. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2020, 56, 534-538.	0.2	7
5266	Seasonal strategies in the world's oceans. <i>Progress in Oceanography</i> , 2020, 189, 102466.	1.5	4
5267	Tree Ring-Based Historic Hydroclimatic Variability of the Baja California Peninsula. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032675.	1.2	2
5268	Intraseasonal Hydrographic Variations and Nearshore Carbonates System Off Northern Chile During the 2015 El Niño Event. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005704.	1.3	4
5269	ENSO and Pacific Decadal Variability in the Community Earth System Model Version 2. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002022.	1.3	52
5270	Pacific subsurface ocean temperature as a long-range predictor of South China tropical cyclone landfall. <i>Communications Earth & Environment</i> , 2020, 1, .	2.6	5
5274	Opposing Trends of Winter Cold Extremes over Eastern Eurasia and North America under Recent Arctic Warming. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 1417-1434.	1.9	13
5275	Changes in the role of Pacific decadal oscillation on sea ice extent variability across the mid-1990s. <i>Scientific Reports</i> , 2020, 10, 17564.	1.6	10
5276	Summer and winter Atlantic Niño: connections with ENSO and implications. <i>Climate Dynamics</i> , 2020, 55, 2939-2956.	1.7	11
5277	Decadal increase of the summer precipitation in Thailand after the mid-1990s. <i>Climate Dynamics</i> , 2020, 55, 3253-3267.	1.7	10
5278	Oceanic Processes in Ocean Temperature Products Key to a Realistic Presentation of Positive Indian Ocean Dipole Nonlinearity. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089396.	1.5	17
5279	Early and Extreme Warming in the South China Sea During 2015/2016: Role of an Unusual Indian Ocean Dipole Event. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089936.	1.5	31
5280	Butterfly effect and a self-modulating El Niño response to global warming. <i>Nature</i> , 2020, 585, 68-73.	13.7	63
5281	Identifying the sources of seasonal predictability based on climate memory analysis and variance decomposition. <i>Climate Dynamics</i> , 2020, 55, 3239-3252.	1.7	7
5282	Differential Influences of Teleconnections from the Indian and Pacific Oceans on Rainfall Variability in Southeast Asia. <i>Atmosphere</i> , 2020, 11, 886.	1.0	21
5283	Interannual variations of spring drought-prone conditions over three subregions of East Asia and associated large-scale circulations. <i>Theoretical and Applied Climatology</i> , 2020, 142, 1117-1131.	1.3	10
5284	Increased Climate Response and Earth System Sensitivity From CCSM4 to CESM2 in Mid-Pliocene Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002033.	1.3	30

#	ARTICLE	IF	CITATIONS
5285	CLASSnmat: A global night marine air temperature data set, 1880â€“2019. <i>Geoscience Data Journal</i> , 2020, 7, 170-184.	1.8	7
5286	A Survey on the Relationship between Ocean Subsurface Temperature and Tropical Cyclone over the Western North Pacific. <i>Advances in Meteorology</i> , 2020, 2020, 1-14.	0.6	1
5287	Does the Pacific meridional mode dominantly affect tropical cyclogenesis in the western North Pacific?. <i>Climate Dynamics</i> , 2020, 55, 3469-3483.	1.7	10
5288	Fingerprint of volcanic forcing on the ENSOâ€“Indian monsoon coupling. <i>Science Advances</i> , 2020, 6, .	4.7	39
5289	Aerosol-forced multidecadal variations across all ocean basins in models and observations since 1920. <i>Science Advances</i> , 2020, 6, eabb0425.	4.7	46
5290	High-impact marine heatwaves attributable to human-induced global warming. <i>Science</i> , 2020, 369, 1621-1625.	6.0	206
5291	Predictability of European winter 2019/20: Indian Ocean dipole impacts on the <sc>NAO</sc>. <i>Atmospheric Science Letters</i> , 2020, 21, e1005.	0.8	40
5292	ACSIS Atlantic Ocean medium resolution SST dataset: Reconstructed 5â€day, $\hat{A}^{1/2}$ â€degree, Atlantic Ocean SST (1950â€“2014). <i>Geoscience Data Journal</i> , 2020, 7, 135-148.	1.8	1
5293	A Global Analysis of Interannual Variability in Potential and Actual Tropical Cyclone Intensities. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089512.	1.5	3
5294	Surface warming reacceleration in offshore China and its interdecadal effects on the East Asiaâ€“Pacific climate. <i>Scientific Reports</i> , 2020, 10, 14811.	1.6	16
5295	Spinâ€up of UK Earth System Model 1 (UKESM1) for CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001933.	1.3	25
5296	Ocean Acidification Has Impacted Coral Growth on the Great Barrier Reef. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086761.	1.5	19
5297	Representation of the boreal summer tropical Atlanticâ€“western North Pacific teleconnection in AGCMs: comparison of CMIP5 and CMIP6. <i>Climate Dynamics</i> , 2020, 55, 3025-3041.	1.7	6
5298	Climate Change Drives Increases in Extreme Events for Lake Ice in the Northern Hemisphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089608.	1.5	30
5299	A robust equatorial Pacific westerly response to tropical volcanism in multiple models. <i>Climate Dynamics</i> , 2020, 55, 3413-3429.	1.7	14
5300	Landfalling Droughts: Global Tracking of Moisture Deficits From the Oceans Onto Land. <i>Water Resources Research</i> , 2020, 56, e2019WR026877.	1.7	24
5301	Weakening Atlantic overturning circulation causes South Atlantic salinity pile-up. <i>Nature Climate Change</i> , 2020, 10, 998-1003.	8.1	38
5302	The Spatial Dynamics of Droughts and Water Scarcity in England and Wales. <i>Water Resources Research</i> , 2020, 56, e2020WR027187.	1.7	31

#	ARTICLE	IF	CITATIONS
5303	Prediction of accumulated cyclone energy in tropical cyclone over the western North Pacific in autumn. <i>Climate Dynamics</i> , 2020, 55, 3327-3342.	1.7	3
5304	Assessing the robustness of multidecadal variability in Northern Hemisphere wintertime seasonal forecast skill. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 4055-4066.	1.0	5
5305	Longer Duration of the Weak Stratospheric Vortex During Extreme El Niño Events Linked to Spring Eurasian Coldness. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032331.	1.2	6
5306	Interdecadal Variation and Causes of Drought in Northeast China in Recent Decades. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032069.	1.2	14
5307	Machine Learning Models for the Seasonal Forecast of Winter Surface Air Temperature in North America. <i>Earth and Space Science</i> , 2020, 7, e2020EA001140.	1.1	17
5308	Persistence and Nonpersistence of East and Southeast Asian Rainfall Anomaly Pattern From Spring to Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033404.	1.2	5
5309	Experimental investigation of tidal and freshwater influence on Symbiodiniaceae abundance in <i>Anthopleura elegantissima</i> . <i>PLoS ONE</i> , 2020, 15, e0238361.	1.1	0
5310	Nonstationary El Niño teleconnection on the post-summer upwelling off Vietnam. <i>Scientific Reports</i> , 2020, 10, 13319.	1.6	3
5311	Teleconnections between the Atlantic Multidecadal Oscillation and eastern China summer precipitation during the Medieval Climate Anomaly and Little Ice Age. <i>Holocene</i> , 2020, 30, 1694-1705.	0.9	7
5312	A Continuous Record of Central Tropical Pacific Climate Since the Midnineteenth Century Reconstructed From Fanning and Palmyra Island Corals: A Case Study in Coral Data Reanalysis. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003848.	1.3	12
5313	Southward Shift of Westerlies Intensifies the East Asian Early Summer Rainband Following El Niño. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088631.	1.5	19
5314	Unstable relationship between tree-ring $\delta^{18}O$ in the transitional zone of the Asian summer monsoon and the Indian summer monsoon. <i>Journal of Hydrology</i> , 2020, 590, 125522.	2.3	8
5315	Contrasting Recent and Future ITCZ Changes From Distinct Tropical Warming Patterns. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089846.	1.5	12
5316	An Analysis of Streamflow Trends in the Southern and Southeastern US from 1950 to 2015. <i>Water (Switzerland)</i> , 2020, 12, 3345.	1.2	14
5317	A link triggered by tropical Pacific sea surface temperature between the East Asian and North American summer monsoon marginal zone precipitation at various time scales. <i>Global and Planetary Change</i> , 2020, 195, 103318.	1.6	1
5318	The Resilience of Inter-basin Transfers to Severe Droughts With Changing Spatial Characteristics. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	14
5319	Manifestation of the 11-year solar cycle in the North Atlantic climate. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 606, 012018.	0.2	0
5320	Diversity of East China Summer Rainfall Change in Post-El Niño Summers. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	5

#	ARTICLE	IF	CITATIONS
5321	Effect of Various Types of ENSO Events on Moisture Conditions in the Humid and Subhumid Tropics. <i>Atmosphere</i> , 2020, 11, 1354.	1.0	13
5322	Precipitation response to extreme soil moisture conditions over the Mediterranean. <i>Climate Dynamics</i> , 2022, 58, 1927-1942.	1.7	8
5323	Predictability of the Western North Pacific Subtropical High Associated with Different ENSO Phases in GloSea5. <i>Journal of Meteorological Research</i> , 2020, 34, 926-940.	0.9	8
5324	Life on the ice-edge: Paleoenvironmental significance of the radiolarian species <i>Amphimelissa setosa</i> in the northern hemisphere. <i>Quaternary Science Reviews</i> , 2020, 248, 106565.	1.4	1
5325	Distinguishing Variability Regimes of Hawaiian Summer Rainfall: Quasi-Biennial and Interdecadal Oscillations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL091260.	1.5	4
5326	Return to different climate states by reducing sulphate aerosols under future CO2 concentrations. <i>Scientific Reports</i> , 2020, 10, 21748.	1.6	8
5327	Indian monsoon derailed by a North Atlantic wavetrain. <i>Science</i> , 2020, 370, 1335-1338.	6.0	39
5328	Mapping abrupt streamflow shift in an abrupt climate shift through multiple change point methodologies: Brazil case study. <i>Hydrological Sciences Journal</i> , 2020, 65, 2783-2796.	1.2	8
5329	Impacts of the Tropical Pacific-Indian Ocean Associated Mode on Madden-Julian Oscillation over the Maritime Continent in Boreal Winter. <i>Atmosphere</i> , 2020, 11, 1049.	1.0	2
5330	The IOD Impacts on the Indian Ocean Carbon Cycle. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016485.	1.0	16
5331	The GFDL Earth System Model Version 4.1 (GFDL-ESM 4.1): Overall Coupled Model Description and Simulation Characteristics. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002015.	1.3	277
5332	Convective Aggregation and the Amplification of Tropical Precipitation Extremes. <i>AGU Advances</i> , 2020, 1, e2020AV000201.	2.3	5
5333	Stratospheric Ozone in the Last Glacial Maximum. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032929.	1.2	12
5334	The Potential of Using Tree-Ring Chronology from the Southern Coast of Korea to Reconstruct the Climate of Subtropical Western North Pacific: A Pilot Study. <i>Atmosphere</i> , 2020, 11, 1082.	1.0	0
5335	North-South Discrepancy of Interannual Sea Surface Temperature Anomalies over the South China Sea Associated with Eastern Pacific El Niño Events in the Spring. <i>Atmosphere</i> , 2020, 11, 1135.	1.0	3
5336	Increase in Population Exposure Due to Dry and Wet Extremes in India Under a Warming Climate. <i>Earth's Future</i> , 2020, 8, e2020EF001731.	2.4	22
5337	Evolution of the Galapagos in the Anthropocene. <i>Nature Climate Change</i> , 2020, 10, 380-382.	8.1	17
5338	A Linear Inverse Model of Tropical and South Pacific Seasonal Predictability. <i>Journal of Climate</i> , 2020, 33, 4537-4554.	1.2	6

#	ARTICLE	IF	CITATIONS
5339	Impacts of the Indian Ocean Dipole on Sea Level and Gyre Circulation of the Western Tropical Pacific Ocean. <i>Journal of Climate</i> , 2020, 33, 4207-4228.	1.2	16
5340	Detected climatic change in global distribution of tropical cyclones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10706-10714.	3.3	123
5341	Historical Simulations With HadGEM3-ES for CMIP6. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001995.	1.3	84
5342	On the Epochal Variability in the Frequency of Cyclones during the Pre-Onset and Onset Phases of the Monsoon over the North Indian Ocean. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 634-651.	1.9	9
5343	Palaeoclimate perspectives on the Indian Ocean Dipole. <i>Quaternary Science Reviews</i> , 2020, 237, 106302.	1.4	60
5344	Interannual variability of the summer wind energy over China: A comparison of multiple datasets. <i>Wind Energy</i> , 2020, 23, 1726-1738.	1.9	6
5345	FIO-ESM Version 2.0: Model Description and Evaluation. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC016036.	1.0	69
5346	On the interchangeability of sea-surface and near-surface air temperature anomalies in climatologies. <i>Scientific Reports</i> , 2020, 10, 7433.	1.6	5
5347	Emergence of an equatorial mode of climate variability in the Indian Ocean. <i>Science Advances</i> , 2020, 6, eaay7684.	4.7	23
5348	The emergence of heat and humidity too severe for human tolerance. <i>Science Advances</i> , 2020, 6, eaaw1838.	4.7	355
5349	Role of Tropical Variability in Driving Decadal Shifts in the Southern Hemisphere Summertime Eddy-Driven Jet. <i>Journal of Climate</i> , 2020, 33, 5445-5463.	1.2	27
5350	A Control of ENSO Transition Complexity by Tropical Pacific Mean SSTs Through Tropical-Subtropical Interaction. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087933.	1.5	32
5351	Why Is the Mediterranean a Climate Change Hot Spot?. <i>Journal of Climate</i> , 2020, 33, 5829-5843.	1.2	181
5352	Effects of the Pacific Decadal Oscillation on Thailand monsoon rainfall derived from a 194-year tree ring width chronology of teak trees from northwestern Thailand. <i>International Journal of Biometeorology</i> , 2020, 64, 1481-1495.	1.3	6
5353	The Weakening and Eastward Movement of ENSO Impacts during the Last Glacial Maximum. <i>Journal of Climate</i> , 2020, 33, 5507-5526.	1.2	1
5354	Hurricane Wind and Storm Surge Effects on Coastal Bridges under a Changing Climate. <i>Transportation Research Record</i> , 2020, 2674, 23-32.	1.0	26
5355	Internal variability and external forcings in the ocean-atmosphere multidecadal oscillator over the North Atlantic. <i>Climate Dynamics</i> , 2020, 55, 909-923.	1.7	2
5356	Artificial intelligence reconstructs missing climate information. <i>Nature Geoscience</i> , 2020, 13, 408-413.	5.4	94

#	ARTICLE	IF	CITATIONS
5357	Atlanticâ€‘Pacific Links in Observed Multidecadal SST Variability: Is the Atlantic Multidecadal Oscillationâ€™s Phase Reversal Orchestrated by the Pacific Decadal Oscillation?. <i>Journal of Climate</i> , 2020, 33, 5479-5505.	1.2	27
5358	Melting of Perennial Sea Ice in the Beaufort Sea Enhanced Its Impacts on Early-Winter Haze Pollution in North China after the Mid-1990s. <i>Journal of Climate</i> , 2020, 33, 5061-5080.	1.2	16
5359	The Flexible Global Oceanâ€‘Atmosphereâ€‘Land System Model Gridâ€‘Point Version 3 (FGOALSâ€‘g3): Description and Evaluation. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002012.	1.3	129
5360	Causes of slowingâ€‘down seasonal CO ₂ amplitude at Mauna Loa. <i>Global Change Biology</i> , 2020, 26, 4462-4477.	4.2	14
5361	Water vapor variability in the Atacama Desert during the 20th century. <i>Global and Planetary Change</i> , 2020, 190, 103192.	1.6	19
5362	El NiÃ±o as a predictor of round sardinella distribution along the northwest African coast. <i>Progress in Oceanography</i> , 2020, 186, 102341.	1.5	4
5363	Volcanic-induced global monsoon drying modulated by diverse El NiÃ±o responses. <i>Science Advances</i> , 2020, 6, .	4.7	24
5364	Interdecadal Change in the Effect of Spring Soil Moisture over the Indo-China Peninsula on the Following Summer Precipitation over the Yangtze River Basin. <i>Journal of Climate</i> , 2020, 33, 7063-7082.	1.2	16
5365	Reconstructing N<sub>2</sub&-fixing cyanobacterial blooms in the Baltic Sea beyond observations using 6- and 7-methylheptadecane in sediments as specific biomarkers. <i>Biogeosciences</i> , 2020, 17, 2579-2591.	1.3	9
5366	Physical Diagnosis of the 2016 Great Barrier Reef Bleaching Event. <i>Geophysical Research Letters</i> , 2020, 47, e2019CL086177.	1.5	8
5367	Divergent Regional Climate Consequences of Maintaining Current Irrigation Rates in the 21st Century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031814.	1.2	17
5368	Understanding Future Change of Global Monsoons Projected by CMIP6 Models. <i>Journal of Climate</i> , 2020, 33, 6471-6489.	1.2	147
5369	Step-by-Step Validation of Antarctic ASI AMSR-E Sea-Ice Concentrations by MODIS and an Aerial Image. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, , 1-12.	2.7	19
5370	Global distribution of the intensity and frequency of hourly precipitation and their responses to ENSO. <i>Climate Dynamics</i> , 2020, 54, 4823-4839.	1.7	27
5371	A Persistent Kuroshio in the Glacial East China Sea and Implications for Coral Paleobiogeography. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003902.	1.3	11
5372	The internal origin of the west-east asymmetry of Antarctic climate change. <i>Science Advances</i> , 2020, 6, eaaz1490.	4.7	21
5373	Potential sources of bias in the climate sensitivities of fish otolith biochronologies. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 1552-1563.	0.7	15
5374	Unstable relationship between spring NAO and summer tropical cyclone genesis frequency over the western North Pacific. <i>Acta Oceanologica Sinica</i> , 2020, 39, 65-76.	0.4	2

#	ARTICLE	IF	CITATIONS
5375	Factors affecting extreme rainfall events in the South Pacific. <i>Weather and Climate Extremes</i> , 2020, 29, 100262.	1.6	5
5376	Variations in the annual cycle of the East Asian monsoon and its phase-induced interseasonal rainfall anomalies in China. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 316-322.	0.5	5
5377	Assessing Historical Variability of South Asian Monsoon Lows and Depressions With an Optimized Tracking Algorithm. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032977.	1.2	30
5378	A possible way to extract a stationary relationship between ENSO and the East Asian winter monsoon. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 294-300.	0.5	6
5379	Understanding Reintensified Multiyear El Niño Events. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087644.	1.5	19
5380	Emergent constraints on future projections of the western North Pacific Subtropical High. <i>Nature Communications</i> , 2020, 11, 2802.	5.8	65
5381	Modeling a modern-like warm period (Marine Isotope Stage KM5c) with two versions of an Institut Pierre Simon Laplace atmosphere-ocean coupled general circulation model. <i>Climate of the Past</i> , 2020, 16, 1-16.	1.3	27
5382	Could the Recent Taal Volcano Eruption Trigger an El Niño and Lead to Eurasian Warming?. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 663-670.	1.9	14
5383	Skillful statistical models to predict seasonal wind speed and solar radiation in a Yangtze River estuary case study. <i>Scientific Reports</i> , 2020, 10, 8597.	1.6	12
5384	Indian Ocean tripole mode and its associated atmospheric and oceanic processes. <i>Climate Dynamics</i> , 2020, 55, 1367-1383.	1.7	14
5385	El Niño Diversity Across Boreal Spring Predictability Barrier. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087354.	1.5	8
5386	A Data-Driven Coupled Data Assimilation System With a Simplified Offline Localization Technique for Decadal Predictions. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001768.	1.3	9
5387	Drought reconstruction based on tree-ring earlywood of <i>Picea obovata</i> Ledeb. for the southern Altay Mountains. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2020, 102, 267-286.	0.6	3
5388	Reconstructing complex system dynamics from time series: a method comparison. <i>New Journal of Physics</i> , 2020, 22, 073053.	1.2	9
5389	The changes in ENSO-induced tropical Pacific precipitation variability in the past warm and cold climates from the EC-Earth simulations. <i>Climate Dynamics</i> , 2020, 55, 503-519.	1.7	8
5390	Superiority of Mega-ENSO Index in the Seasonal Prediction of Tropical Cyclone Activity Over the Western North Pacific. <i>Earth and Space Science</i> , 2020, 7, e2019EA001009.	1.1	4
5391	Direct impacts of different types of El Niño in developing summer on East Asian precipitation. <i>Climate Dynamics</i> , 2020, 55, 1087-1104.	1.7	17
5392	The Pacific-Indian Ocean associated mode in CMIP5 models. <i>Ocean Science</i> , 2020, 16, 469-482.	1.3	5

#	ARTICLE	IF	CITATIONS
5394	Basal Channel Extraction and Variation Analysis of Nioghalvfjerdingsfjorden Ice Shelf in Greenland. Remote Sensing, 2020, 12, 1474.	1.8	6
5395	Retrieving the global distribution of the threshold of wind erosion from satellite data and implementing it into the Geophysical Fluid Dynamics Laboratory land-atmosphere model (GFDL Tj ETQq1 1 0.7849 14 rgB14 Overlo	1.3	14
5396	Earth System Model Evaluation Tool (ESMValTool) v2.0 – technical overview. Geoscientific Model Development, 2020, 13, 1179-1199.	1.3	51
5397	An effective parameter optimization with radiation balance constraint in CAM5 (version 5.3). Geoscientific Model Development, 2020, 13, 41-53.	1.3	1
5398	MOMSO 1.0 – an eddying Southern Ocean model configuration with fairly equilibrated natural carbon. Geoscientific Model Development, 2020, 13, 71-97.	1.3	5
5399	Prediction of monthly Arctic sea ice concentrations using satellite and reanalysis data based on convolutional neural networks. Cryosphere, 2020, 14, 1083-1104.	1.5	48
5400	Interdecadal variation in the frequency of extreme hot events in Northeast China and the possible mechanism. Atmospheric Research, 2020, 244, 105065.	1.8	23
5401	Long-Term Trend and Interannual to Decadal Variability in the Sea of Okhotsk. Atmosphere, Earth, Ocean & Space, 2020, , 19-56.	0.4	2
5402	Retrospective analysis of the influence of environmental drivers on commercial stocks and fishing opportunities in the Irish Sea. Fisheries Oceanography, 2020, 29, 415-435.	0.9	25
5403	A tree-ring $\delta^{18}O$ based reconstruction of East Asia summer monsoon over the past two centuries. PLoS ONE, 2020, 15, e0234421.	1.1	9
5404	Arctic Sea-Ice Variability During the Instrumental Era. Geophysical Research Letters, 2020, 47, e2019GL086843.	1.5	32
5405	How Significant Was the 1877/78 El Niño?. Journal of Climate, 2020, 33, 4853-4869.	1.2	15
5406	Relations between Interannual Variability of Regional-Scale Indonesian Precipitation and Large-Scale Climate Modes during 1960–2007. Journal of Climate, 2020, 33, 5271-5291.	1.2	15
5407	Concurrent wet and dry hydrological extremes at the global scale. Earth System Dynamics, 2020, 11, 251-266.	2.7	48
5408	Potential factors modulating ENSO's influences on the East Asian trough in boreal winter. International Journal of Climatology, 2020, 40, 5066-5083.	1.5	20
5409	Decadal predictability and prediction skill of sea surface temperatures in the South Pacific region. Climate Dynamics, 2020, 54, 3945-3958.	1.7	4
5410	Timing of the reproductive cycle of waved whelk, Buccinum undatum, on the U.S. Mid-Atlantic Bight. Helgoland Marine Research, 2020, 74, .	1.3	2
5411	Subseasonal convection variability over the Intra-American Seas simulated by an AGCM and sensitivity to CMIP5 SST biases and projections. International Journal of Climatology, 2020, 40, 4556-4574.	1.5	1

#	ARTICLE	IF	CITATIONS
5412	A Possible Approach for Decadal Prediction of the PDO. <i>Journal of Meteorological Research</i> , 2020, 34, 63-72.	0.9	2
5413	ENSO-Unrelated Variability in Indo-“Northwest Pacific Climate: Regional Coupled Ocean-“Atmospheric Feedback. <i>Journal of Climate</i> , 2020, 33, 4095-4108.	1.2	11
5414	Trends and interannual variability of extreme rainfall indices over Ghana, West Africa. <i>Theoretical and Applied Climatology</i> , 2020, 140, 1393-1407.	1.3	24
5415	Factors affecting ENSO predictability in a linear empirical model of tropical air-sea interactions. <i>Scientific Reports</i> , 2020, 10, 3931.	1.6	4
5416	North Atlantic Modulation of Interdecadal Variations in Hot Drought Events over Northeastern China. <i>Journal of Climate</i> , 2020, 33, 4315-4332.	1.2	48
5417	Seasonal Rainfall Variability in Ethiopia and Its Long-Term Link to Global Sea Surface Temperatures. <i>Water (Switzerland)</i> , 2020, 12, 55.	1.2	31
5418	Facilitating foundation species: The potential for plant-“bivalve interactions to improve habitat restoration success. <i>Journal of Applied Ecology</i> , 2020, 57, 1161-1179.	1.9	63
5419	Can Tropical Pacific Winds Enhance the Footprint of the Interdecadal Pacific Oscillation on the Upper-Ocean Heat Content in the South China Sea?. <i>Journal of Climate</i> , 2020, 33, 4419-4437.	1.2	13
5420	Multidecadal variations in ENSO-Indian summer monsoon relationship at sub-seasonal timescales. <i>Theoretical and Applied Climatology</i> , 2020, 140, 1299-1314.	1.3	8
5421	Coupling of Indo-Pacific climate variability over the last millennium. <i>Nature</i> , 2020, 579, 385-392.	13.7	116
5422	Impact of late spring Siberian snow on summer rainfall in South-Central China. <i>Climate Dynamics</i> , 2020, 54, 3803-3818.	1.7	15
5423	Changes of Decadal SST Variations in the Subpolar North Atlantic under Strong CO2 Forcing as an Indicator for the Ocean Circulation-“s Contribution to Atlantic Multidecadal Variability. <i>Journal of Climate</i> , 2020, 33, 3213-3228.	1.2	11
5424	Atmospheric Internal Variability in the Summer Indo-“Northwestern Pacific: Role of the Intraseasonal Oscillation. <i>Journal of Climate</i> , 2020, 33, 3395-3410.	1.2	11
5425	Interannual-to-Multidecadal Responses of Antarctic Ice Shelf-“Ocean Interaction and Coastal Water Masses during the Twentieth Century and the Early Twenty-First Century to Dynamic and Thermodynamic Forcing. <i>Journal of Climate</i> , 2020, 33, 4941-4973.	1.2	10
5426	Identifying a human signal in the North Atlantic warming hole. <i>Nature Communications</i> , 2020, 11, 1540.	5.8	48
5427	Mapping the drivers of uncertainty in atmospheric selenium deposition with global sensitivity analysis. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 1363-1390.	1.9	17
5428	Commentary: Lake or Sea? The Unknown Future of Central Baltic Sea Herring. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	1
5429	The influence of wintertime SST variability in the Western North Pacific on ENSO diversity. <i>Climate Dynamics</i> , 2020, 54, 3641-3654.	1.7	9

#	ARTICLE	IF	CITATIONS
5430	Effect of spring soil moisture over the Indo-China Peninsula on the following summer extreme precipitation events over the Yangtze River basin. <i>Climate Dynamics</i> , 2020, 54, 3845-3861.	1.7	25
5431	Large-scale environmental controls on the seasonal statistics of rapidly intensifying North Atlantic tropical cyclones. <i>Climate Dynamics</i> , 2020, 54, 3907-3925.	1.7	4
5432	Impacts of different types of El Niño and La Niña on northern tropical Atlantic sea surface temperature. <i>Climate Dynamics</i> , 2020, 54, 4147-4167.	1.7	17
5433	Projected Changes in the Southern Indian Ocean Cyclone Activity Assessed from High-Resolution Experiments and CMIP5 Models. <i>Journal of Climate</i> , 2020, 33, 4975-4991.	1.2	12
5434	Investigating ENSO and its teleconnections under climate change in an ensemble view – a new perspective. <i>Earth System Dynamics</i> , 2020, 11, 267-280.	2.7	33
5435	A 241-Year Cryptomeria fortune Tree-Ring Chronology in Humid Subtropical China and Its Linkages with the Pacific Decadal Oscillation. <i>Atmosphere</i> , 2020, 11, 247.	1.0	7
5436	Local decadal prediction according to statistical/dynamical approaches. <i>International Journal of Climatology</i> , 2020, 40, 5671-5687.	1.5	6
5437	Distinguishing Characteristics of Spring and Summer Onset El Niño Events. <i>Journal of Climate</i> , 2020, 33, 4579-4597.	1.2	8
5438	Contributions to the Interannual Summer Rainfall Variability in the Mountainous Area of Central China and Their Decadal Changes. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 259-268.	1.9	8
5439	A new DRP-4DVar-based coupled data assimilation system for decadal predictions using a fast online localization technique. <i>Climate Dynamics</i> , 2020, 54, 3541-3559.	1.7	8
5440	The demographic decline of a sea lion population followed multi-decadal sea surface warming. <i>Scientific Reports</i> , 2020, 10, 10499.	1.6	19
5441	Multiple drivers of the North Atlantic warming hole. <i>Nature Climate Change</i> , 2020, 10, 667-671.	8.1	103
5442	Wintertime Arctic Oscillation and North Atlantic Oscillation and their impacts on the Northern Hemisphere climate in E3SM. <i>Climate Dynamics</i> , 2020, 55, 1105-1124.	1.7	5
5443	Amplification of the Ocean Carbon Sink During El Niños: Role of Poleward Ekman Transport and Influence on Atmospheric CO ₂ . <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006574.	1.9	27
5444	Skilful interannual climate prediction from two large initialised model ensembles. <i>Environmental Research Letters</i> , 2020, 15, 094083.	2.2	25
5445	Evaluation of the ERA5 Sea Surface Skin Temperature with Remotely-Sensed Shipborne Marine-Atmospheric Emitted Radiance Interferometer Data. <i>Remote Sensing</i> , 2020, 12, 1873.	1.8	20
5446	Evaluation of Southern Ocean cloud in the HadGEM3 general circulation model and MERRA-2 reanalysis using ship-based observations. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6607-6630.	1.9	24
5447	Shell chemistry of the boreal Campanian bivalve <i>Rastellum diluvianum</i> ; (Linnaeus, 1767) reveals temperature seasonality, growth rates and life cycle of an extinct Cretaceous oyster. <i>Biogeosciences</i> , 2020, 17, 2897-2922.	1.3	8

#	ARTICLE	IF	CITATIONS
5448	Changes in ENSO-monsoon relations from early to recent decades during onset, peak and withdrawal phases of Indian summer monsoon. <i>Climate Dynamics</i> , 2020, 55, 1457-1471.	1.7	29
5449	Seasonal prediction of surface O ₃ -related meteorological conditions in summer in North China. <i>Atmospheric Research</i> , 2020, 246, 105110.	1.8	12
5450	Community Integrated Earth System Model (CIesm): Description and Evaluation. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002036.	1.3	44
5451	Prolonged Periodicity and Eastward Shift of the January North Pacific Oscillation Since the Mid-1990s and Its Linkage With Sea Ice Anomalies in the Barents Sea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032484.	1.2	9
5452	Atmospheric Bridge Connecting the Barents Sea Ice and Snow Depth in the Mid-West Tibetan Plateau. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	5
5453	Summer Monsoon Season Streamflow Variations in the Middle Yellow River since 1570 CE Inferred from Tree Rings of <i>Pinus tabulaeformis</i> . <i>Atmosphere</i> , 2020, 11, 717.	1.0	10
5454	The Role of El Niño in Driving Drought Conditions over the Last 2000 Years in Thailand. <i>Quaternary</i> , 2020, 3, 18.	1.0	5
5455	Advances in reconstructing the AMOC using sea surface observations of salinity. <i>Climate Dynamics</i> , 2020, 55, 975-992.	1.7	7
5456	Attribution of 2012 extreme climate events: does air-sea interaction matter?. <i>Climate Dynamics</i> , 2020, 55, 1225-1245.	1.7	2
5457	Cases for the sole effect of the Indian Ocean Dipole in the rapid phase transition of the El Niño–Southern Oscillation. <i>Theoretical and Applied Climatology</i> , 2020, 141, 999-1007.	1.3	9
5458	On the connection between interannual variations of winter haze frequency over Beijing and different ENSO flavors. <i>Science of the Total Environment</i> , 2020, 740, 140109.	3.9	16
5459	Global atmospheric changes versus the Indian rainfall variation. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	1
5460	Effects of Semistochastic Westerly Wind Bursts on ENSO Predictability. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086828.	1.5	14
5461	Wind-forced equatorial wave dynamics of the Pacific Ocean during 2014/2015 and 2015/2016 El Niño events. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 1123-1137.	0.6	1
5462	Quantifying the internal variability in multi-decadal trends of spring surface air temperature over mid-to-high latitudes of Eurasia. <i>Climate Dynamics</i> , 2020, 55, 2013-2030.	1.7	12
5463	Multidecadal variability in the climate system: phenomena and mechanisms. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	6
5464	The Sahara Desert Hydroclimate and Expanse: Natural Variability and Climate Change. , 2020, , 201-212.		0
5465	Decadal predictability of North Atlantic blocking and the NAO. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	2.6	60

#	ARTICLE	IF	CITATIONS
5466	On the impact of atmospheric vs oceanic resolutions on the representation of the sea surface temperature in the South Eastern Tropical Atlantic. <i>Climate Dynamics</i> , 2020, 54, 4733-4757.	1.7	10
5467	Differences in the destructiveness of tropical cyclones over the western North Pacific between slow- and rapid-transforming El Niño years. <i>Environmental Research Letters</i> , 2020, 15, 024014.	2.2	7
5468	Nonstationary Teleconnection Between the Pacific Ocean and Arctic Sea Ice. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085666.	1.5	24
5469	Independent and joint influences of eastern Pacific El Niño southern oscillation and quasi-biennial oscillation on Northern Hemispheric stratospheric ozone. <i>International Journal of Climatology</i> , 2020, 40, 5289-5307.	1.5	18
5470	The Brewer-Dobson Circulation During the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086271.	1.5	17
5471	Mapping human pressures on biodiversity across the planet uncovers anthropogenic threat complexes. <i>People and Nature</i> , 2020, 2, 380-394.	1.7	139
5472	Impact of PDO and AMO on interdecadal variability in extreme high temperatures in North China over the most recent 40-year period. <i>Climate Dynamics</i> , 2020, 54, 3003-3020.	1.7	86
5473	South Asian monsoon response to weakening of Atlantic meridional overturning circulation in a warming climate. <i>Climate Dynamics</i> , 2020, 54, 3507-3524.	1.7	14
5474	The impacts of Extra-tropical ENSO Precursors on Tropical Pacific Decadal-scale Variability. <i>Scientific Reports</i> , 2020, 10, 3031.	1.6	24
5475	Linking midlatitudes eddy heat flux trends and polar amplification. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	2.6	27
5476	Preserving the coupled atmosphere-ocean feedback in initializations of decadal climate predictions. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2020, 11, e637.	3.6	22
5477	Amplified tropical Pacific rainfall variability related to background SST warming. <i>Climate Dynamics</i> , 2020, 54, 2387-2402.	1.7	5
5478	Footprint of Tropical Mesoscale Convective System Variability on Stratospheric Water Vapor. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086320.	1.5	7
5479	A Century of Reduced ENSO Variability During the Medieval Climate Anomaly. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003742.	1.3	12
5480	Potential predictability of Eurasian spring snow water equivalent in IAP AGCM4 hindcasts. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 121-128.	0.5	0
5481	Impacts of ENSO and Madden-Julian oscillation on the genesis of tropical cyclones simulated by general circulation models and compared to observations. <i>Environmental Research Letters</i> , 2020, 15, 034046.	2.2	6
5482	Arctic Clouds Simulated by a Multiscale Modeling Framework and Comparisons With Observations and Conventional GCMs. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030522.	1.2	3
5483	Summer Water Vapor Sources in Northeast Asia and East Siberia Revealed by a Moisture-Tracing Atmospheric Model. <i>Journal of Climate</i> , 2020, 33, 3883-3899.	1.2	14

#	ARTICLE	IF	CITATIONS
5484	Recent ENSO influence on East African drought during rainy seasons through the synergistic use of satellite and reanalysis data. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 162, 17-26.	4.9	22
5485	Relating CMIP5 Model Biases to Seasonal Forecast Skill in the Tropical Pacific. Geophysical Research Letters, 2020, 47, e2019GL086765.	1.5	14
5486	Earlier leaf-out warms air in the north. Nature Climate Change, 2020, 10, 370-375.	8.1	45
5487	Extended-range statistical ENSO prediction through operator-theoretic techniques for nonlinear dynamics. Scientific Reports, 2020, 10, 2636.	1.6	18
5488	Simulation and Projection of Circulations Associated with Atmospheric Rivers along the North American Northeast Coast. Journal of Climate, 2020, 33, 5673-5695.	1.2	4
5489	Enhancing ENSO Prediction Skill by Combining Model-Analog and Linear Inverse Models (MA-LIM). Geophysical Research Letters, 2020, 47, e2019GL085914.	1.5	6
5490	Discovery of Chile Ni \pm o/Ni \pm a. Geophysical Research Letters, 2020, 47, no.	1.5	13
5491	Effects of Anthropogenic Forcing and Natural Variability on the 2018 Heatwave in Northeast Asia. Bulletin of the American Meteorological Society, 2020, 101, S77-S82.	1.7	12
5492	Decadal-to-Multidecadal Variability of Seasonal Land Precipitation in Northern Hemisphere in Observation and CMIP6 Historical Simulations. Atmosphere, 2020, 11, 195.	1.0	9
5493	Marine Heatwaves in China's Marginal Seas and Adjacent Offshore Waters: Past, Present, and Future. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015801.	1.0	72
5494	Increased European heat waves in recent decades in response to shrinking Arctic sea ice and Eurasian snow cover. Npj Climate and Atmospheric Science, 2020, 3, .	2.6	85
5495	Effects of Ozone and Clouds on Temporal Variability of Surface UV Radiation and UV Resources over Northern Eurasia Derived from Measurements and Modeling. Atmosphere, 2020, 11, 59.	1.0	13
5496	Phenological shuffling of major marine phytoplankton groups over the last six decades. Diversity and Distributions, 2020, 26, 536-548.	1.9	14
5497	Central North Pacific SST anomalies linked late winter haze to Arctic sea ice. International Journal of Climatology, 2020, 40, 5542-5555.	1.5	3
5498	Predicting peak summer monsoon precipitation over Pakistan in ECMWF SEAS5 and North American Multimodel Ensemble. International Journal of Climatology, 2020, 40, 5556-5573.	1.5	15
5499	Seasonal prediction of the northern and southern temperature modes of the East Asian winter monsoon: the importance of the Arctic sea ice. Climate Dynamics, 2020, 54, 3583-3597.	1.7	29
5500	Atlantic Ocean influence on Middle East summer surface air temperature. Npj Climate and Atmospheric Science, 2020, 3, .	2.6	25
5501	Nonlinear PCA for Spatio-Temporal Analysis of Earth Observation Data. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5752-5763.	2.7	23

#	ARTICLE	IF	CITATIONS
5502	How Robust is the Asian Precipitation-ENSO Relationship during the Industrial Warming Period (1901-2017)? <i>Journal of Climate</i> , 2020, 33, 2779-2792.	1.2	43
5503	Projections of changes in marine environment in coastal China seas over the 21st century based on CMIP5 models. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 1676-1691.	0.6	14
5504	Boreal winter stratospheric variability in EC-EARTH: High-Top versus Low-Top. <i>Climate Dynamics</i> , 2020, 54, 3135-3150.	1.7	10
5505	Effects of Horizontal Resolution on Hourly Precipitation in AGCM Simulations. <i>Journal of Hydrometeorology</i> , 2020, 21, 643-670.	0.7	7
5506	Improving the dynamical seasonal prediction of western Pacific warm pool sea surface temperatures using a physical-empirical model. <i>International Journal of Climatology</i> , 2020, 40, 4657-4675.	1.5	5
5507	Groundwater level trends and recharge event characterization using historical observed data in semi-arid Chile. <i>Hydrological Sciences Journal</i> , 2020, 65, 597-609.	1.2	18
5508	The Impact of Sea Surface Temperature Biases on North American Precipitation in a High-Resolution Climate Model. <i>Journal of Climate</i> , 2020, 33, 2427-2447.	1.2	14
5509	Constraining Uncertainties in CMIP5 Projections of September Arctic Sea Ice Extent with Observations. <i>Journal of Climate</i> , 2020, 33, 1487-1503.	1.2	26
5510	Extreme mortality and reproductive failure of common murres resulting from the northeast Pacific marine heatwave of 2014-2016. <i>PLoS ONE</i> , 2020, 15, e0226087.	1.1	218
5511	CMIP5 model biases in the climatological mean state of the western Pacific warm pool. <i>Theoretical and Applied Climatology</i> , 2020, 140, 533-545.	1.3	3
5512	The Impact of Preceding Spring Antarctic Oscillation on the Variations of Lake Ice Phenology over the Tibetan Plateau. <i>Journal of Climate</i> , 2020, 33, 639-656.	1.2	12
5513	An Investigation of the Ocean's Role in Atlantic Multidecadal Variability. <i>Journal of Climate</i> , 2020, 33, 3019-3035.	1.2	12
5514	A machine learning based prediction system for the Indian Ocean Dipole. <i>Scientific Reports</i> , 2020, 10, 284.	1.6	21
5515	Weakened SST variability in the tropical Atlantic Ocean since 2000. <i>Climate Dynamics</i> , 2020, 54, 2731-2744.	1.7	35
5516	Coherent response of the Indian Monsoon Rainfall to Atlantic Multi-decadal Variability over the last 2000 years. <i>Scientific Reports</i> , 2020, 10, 1302.	1.6	43
5517	Investigating Long-Range Seasonal Predictability of East African Short Rains: Influence of the Mascarene High on the Indian Ocean Walker Cell. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 1077-1090.	0.6	7
5518	Distinct patterns of sea surface temperature anomaly in the South Indian Ocean during austral autumn. <i>Climate Dynamics</i> , 2020, 54, 2663-2682.	1.7	3
5519	The impact of north tropical Atlantic sea surface temperature anomalies in the ensuing spring of El Niño on the tropical Indian Ocean and Northwest Pacific. <i>International Journal of Climatology</i> , 2020, 40, 4978-4991.	1.5	10

#	ARTICLE	IF	CITATIONS
5520	El Niño-Related Tropical Land Surface Water and Energy Response in MERRA-2. <i>Journal of Climate</i> , 2020, 33, 1155-1176.	1.2	2
5521	Different Influences of Two El Niño Types on Low-Level Atmospheric Circulation over the Subtropical Western North Pacific. <i>Journal of Climate</i> , 2020, 33, 825-846.	1.2	5
5522	Higher Sea Levels at Hawaii Caused by Strong El Niño and Weak Trade Winds. <i>Journal of Climate</i> , 2020, 33, 3037-3059.	1.2	14
5523	Analysis of climate variability and droughts in East Africa using high-resolution climate data products. <i>Global and Planetary Change</i> , 2020, 186, 103130.	1.6	38
5524	Climatology and the Interannual Variability of the High-Temperature Extremes in Taiwan. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030992.	1.2	1
5525	Skilful two-month-ahead hybrid climate prediction for winter temperature over China. <i>International Journal of Climatology</i> , 2020, 40, 4922-4943.	1.5	7
5526	Atmospheric teleconnection processes linking winter air stagnation and haze extremes in China with regional Arctic sea ice decline. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 4999-5017.	1.9	20
5527	Jet latitude regimes and the predictability of the North Atlantic Oscillation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2368-2391.	1.0	12
5528	Examining the impact of multiple climate forcings on simulated Southern Hemisphere climate variability. <i>Climate Dynamics</i> , 2020, 54, 4775-4792.	1.7	0
5529	Influence of Indian Ocean SST regionality on the East African short rains. <i>Climate Dynamics</i> , 2020, 54, 4991-5011.	1.7	13
5530	Reintensification of the Anomalous Western North Pacific Anticyclone during the El Niño Modoki Decaying Summer: Relative Importance of Tropical Atlantic and Pacific SST Anomalies. <i>Journal of Climate</i> , 2020, 33, 3271-3288.	1.2	16
5531	Analyses of Precipitation and Evapotranspiration Changes across the Lake Kyoga Basin in East Africa. <i>Water (Switzerland)</i> , 2020, 12, 1134.	1.2	14
5532	An improved model-based analogue forecasting for the prediction of the tropical Indo-Pacific Sea surface temperature in a coupled climate model. <i>International Journal of Climatology</i> , 2020, 40, 6346-6360.	1.5	7
5533	Coral $\delta^{18}O$ -based reconstruction of El Niño-Southern Oscillation from the northern south China sea since 1851 AD. <i>Quaternary International</i> , 2020, 550, 159-168.	0.7	8
5534	On the Changing Role of the Stratosphere on the Tropospheric Ozone Budget: 1979-2010. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086901.	1.5	18
5535	Insights From CMIP6 for Australia's Future Climate. <i>Earth's Future</i> , 2020, 8, e2019EF001469.	2.4	164
5536	Antarctic Krill Lipid and Fatty acid Content Variability is Associated to Satellite Derived Chlorophyll a and Sea Surface Temperatures. <i>Scientific Reports</i> , 2020, 10, 6060.	1.6	18
5537	Enhanced winter and summer trend difference of Madden-Julian Oscillation intensity since 1871. <i>International Journal of Climatology</i> , 2020, 40, 6369-6381.	1.5	3

#	ARTICLE	IF	CITATIONS
5538	Comparison of <sc>CMIP6</sc> and <sc>CMIP5</sc> simulations of precipitation in China and the East Asian summer monsoon. <i>International Journal of Climatology</i> , 2020, 40, 6423-6440.	1.5	211
5539	Seasonal to decadal predictions of regional Arctic sea ice by assimilating sea surface temperature in the Norwegian Climate Prediction Model. <i>Climate Dynamics</i> , 2020, 54, 3863-3878.	1.7	18
5540	Mechanisms of enhanced ocean surface warming in the Kuroshio region for 1951–2010. <i>Climate Dynamics</i> , 2020, 54, 4129-4145.	1.7	7
5541	CMIP5 model simulations of warm Arctic-cold Eurasia pattern in winter surface air temperature anomalies. <i>Climate Dynamics</i> , 2020, 54, 4499-4513.	1.7	10
5542	Regional trends of lightning activity in the tropics and subtropics. <i>Atmospheric Research</i> , 2020, 242, 104960.	1.8	15
5543	Modelling temperature and fish biomass data to predict annual Scottish farmed salmon, <i>Salmo salar</i> L., losses: Development of an early warning tool. <i>Preventive Veterinary Medicine</i> , 2020, 178, 104985.	0.7	9
5544	Antarctic Glacial Melt as a Driver of Recent Southern Ocean Climate Trends. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086892.	1.5	34
5545	Improved ENSO Prediction Skill Resulting From Reduced Climate Drift in IAP–DecPreS: A Comparison of Full–Field and Anomaly Initializations. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001759.	1.3	7
5546	On the Spatiotemporal Diversity of Atlantic Niño and Associated Rainfall Variability Over West Africa and South America. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087108.	1.5	33
5547	Mechanisms of multiyear variations of Northern Australia wet-season rainfall. <i>Scientific Reports</i> , 2020, 10, 5086.	1.6	24
5548	Climate impacts of the El Niño–Southern Oscillation on South America. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 215-231.	12.2	318
5549	ENSO–s impacts on the tropical Indian and Atlantic Oceans via tropical atmospheric processes: observations versus CMIP5 simulations. <i>Climate Dynamics</i> , 2020, 54, 4627-4640.	1.7	21
5550	Driving forces of land surface temperature anomalous changes in North America in 2002–2018. <i>Scientific Reports</i> , 2020, 10, 6931.	1.6	41
5551	How useful is snow accumulation in reconstructing surface air temperature in Antarctica? A study combining ice core records and climate models. <i>Cryosphere</i> , 2020, 14, 1187-1207.	1.5	19
5552	Competition-driven growth of Atka mackerel in the Aleutian Islands ecosystem revealed by an otolith biochronology. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 240, 106775.	0.9	5
5553	Coral Records at the Northern Edge of the Western Pacific Warm Pool Reveal Multiple Drivers of Sea Surface Temperature, Salinity, and Rainfall Variability Since the End of the Little Ice Age. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003826.	1.3	11
5554	Different Influences of Southeastern Indian Ocean and Western Indian Ocean SST Anomalies on Eastern China Rainfall during the Decaying Summer of the 2015/16 Extreme El Niño. <i>Journal of Climate</i> , 2020, 33, 5427-5443.	1.2	19
5555	Climate anomalies contributed to the rebound of PM2.5 in winter 2018 under intensified regional air pollution preventions. <i>Science of the Total Environment</i> , 2020, 726, 138514.	3.9	28

#	ARTICLE	IF	CITATIONS
5556	An Observational Estimate of the Direct Response of the Cold-Season Atmospheric Circulation to the Arctic Sea Ice Loss. <i>Journal of Climate</i> , 2020, 33, 3863-3882.	1.2	12
5557	A Review of Ocean Dynamics in the North Atlantic: Achievements and Challenges. <i>Climate</i> , 2020, 8, 49.	1.2	0
5558	Evaluation on the Vertical Distribution of Liquid and Ice Phase Cloud Fraction in Community Atmosphere Model Version 5.3 using Spaceborne Lidar Observations. <i>Earth and Space Science</i> , 2020, 7, e2019EA001029.	1.1	6
5559	Synchronized tropical Pacific and extratropical variability during the past three decades. <i>Nature Climate Change</i> , 2020, 10, 422-427.	8.1	8
5560	Potential predictability and skill assessment of boreal summer surface air temperature of South Asia in the North American multimodel ensemble. <i>Atmospheric Research</i> , 2020, 241, 104974.	1.8	7
5561	Is the Regional Precipitation Predictable in Decadal Scale? A Possible Approach for the Decadal Prediction of the Summer Precipitation Over North China. <i>Earth and Space Science</i> , 2020, 7, e2019EA000986.	1.1	6
5562	Large-scale Dynamics and Moisture Sources of the Precipitation Over the Western Tibetan Plateau in Boreal Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032133.	1.2	17
5563	Tropical Pacific cold tongue mode triggered by enhanced warm pool convection due to global warming. <i>Environmental Research Letters</i> , 2020, 15, 054015.	2.2	14
5564	Evaluating the GECCO3 1948–2018 ocean synthesis configuration for initializing the MPI-ESM climate model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2250-2273.	1.0	32
5565	Joint impact of North Pacific Victoria mode and South Pacific Quadrupole mode on Pacific ITCZ summer precipitation. <i>Climate Dynamics</i> , 2020, 54, 4545-4561.	1.7	3
5566	Effect of Atlantic Sea Surface Temperature in May on Intraseasonal Variability of Eurasian NDVI in Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031991.	1.2	8
5567	What Leads to Persisting Surface Air Temperature Anomalies from Winter to Following Spring over Mid- to High-Latitude Eurasia?. <i>Journal of Climate</i> , 2020, 33, 5861-5883.	1.2	29
5568	The Recent Decline and Recovery of Indian Summer Monsoon Rainfall: Relative Roles of External Forcing and Internal Variability. <i>Journal of Climate</i> , 2020, 33, 5035-5060.	1.2	65
5569	Evaluation and Error Correction of the ECMWF Subseasonal Precipitation Forecast over Eastern China during Summer. <i>Advances in Meteorology</i> , 2020, 2020, 1-20.	0.6	6
5570	Subseasonal to seasonal prediction of rainfall extremes in Australia. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2228-2249.	1.0	20
5571	Climate Change Drives Poleward Increases and Equatorward Declines in Marine Species. <i>Current Biology</i> , 2020, 30, 1572-1577.e2.	1.8	111
5572	Hydrographic conditions during two austral summer situations (2015 and 2017) in the Gerlache and Bismarck straits, northern Antarctic Peninsula. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 161, 103278.	0.6	10
5573	A Satellite Era Warming Hole in the Equatorial Atlantic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015834.	1.0	9

#	ARTICLE	IF	CITATIONS
5574	Asia precipitation tripole during boreal summer: Anomalous water vapour transport along the "Southern Silk Road". International Journal of Climatology, 2021, 41, E249.	1.5	2
5575	The sensitivity of global surface air temperature to vegetation greenness. International Journal of Climatology, 2021, 41, 483-496.	1.5	20
5576	Anchoring of atmospheric teleconnection patterns by Arctic Sea ice loss and its link to winter cold anomalies in East Asia. International Journal of Climatology, 2021, 41, 547-558.	1.5	43
5577	Connection between winter Arctic sea ice and west Tibetan Plateau snow depth through the <scp>NAO</scp>. International Journal of Climatology, 2021, 41, 846-861.	1.5	10
5578	Distinct tropical Pacific sea surface temperature anomaly regimes enhanced under recent global warming. International Journal of Climatology, 2021, 41, 970-979.	1.5	2
5579	Changes in the relationship between Indian Ocean dipole and Indian summer monsoon rainfall in early and recent multidecadal epochs during different phases of monsoon. International Journal of Climatology, 2021, 41, E305.	1.5	14
5580	Atlantic Meridional Overturning Circulation reconstructions and instrumentally observed multidecadal climate variability: A comparison of indicators. International Journal of Climatology, 2021, 41, 763-778.	1.5	15
5581	Application of Bias- and Variance-Corrected SST on Wintertime Precipitation Simulation of Regional Climate Model over East Asian Region. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 387-404.	1.3	3
5582	Characteristics of the linkage between the boreal winter Hadley cell and various tropical sea surface temperature meridional structures. International Journal of Climatology, 2021, 41, E463.	1.5	0
5583	A study of climate model responses of the western Pacific subtropical high to El Niño diversity. Climate Dynamics, 2021, 56, 581-595.	1.7	9
5584	The Pacific decadal oscillation as a modulator of summertime North Atlantic Rossby wave breaking. Climate Dynamics, 2021, 56, 207-225.	1.7	1
5585	Future impacts of two types of El Niño on East Asian rainfall based on CMIP5 model projections. Climate Dynamics, 2021, 56, 899-916.	1.7	6
5586	From the Adriatic to Northern Norway" geographic differences in moult increment and moult probability of the European lobster (<i>Homarus gammarus</i>), across the natural range. ICES Journal of Marine Science, 2021, 78, 611-620.	1.2	4
5587	Combined impacts of the El Niño Southern Oscillation and Pacific Decadal Oscillation on global droughts assessed using the standardized precipitation evapotranspiration index. International Journal of Climatology, 2021, 41, E1645.	1.5	31
5588	Water vapour transport changes associated with the interdecadal decrease in the summer rainfall over Northeast Asia around the late 1990s. International Journal of Climatology, 2021, 41, E1469.	1.5	13
5589	Understanding global teleconnections to surface air temperatures in Japan based on a new climate classification. International Journal of Climatology, 2021, 41, 1112-1127.	1.5	1
5590	Decadal coupling between storm tracks and sea surface temperature in the Southern Hemisphere midlatitudes. Climate Dynamics, 2021, 56, 783-798.	1.7	0
5591	Anatomy of the Indian Summer Monsoon and ENSO relationships in state-of-the-art CGCMs: role of the tropical Indian Ocean. Climate Dynamics, 2021, 56, 329-356.	1.7	9

#	ARTICLE	IF	CITATIONS
5592	Climate change and the future productivity and distribution of crab in the Bering Sea. <i>ICES Journal of Marine Science</i> , 2021, 78, 502-515.	1.2	17
5593	The two leading modes of winter clear-sky days over China and their formation mechanisms. <i>Climate Dynamics</i> , 2021, 56, 189-205.	1.7	5
5594	Strengthening western equatorial Pacific and Maritime Continent atmospheric convection and its modulation on the trade wind during spring of 1901â€“2010. <i>International Journal of Climatology</i> , 2021, 41, 1455-1464.	1.5	3
5595	Recent changes in the major modes of Asian summer monsoon rainfall: influence of ENSO-IOD relationship. <i>Theoretical and Applied Climatology</i> , 2021, 143, 869-881.	1.3	7
5596	Bayesian optimization of typhoon full-track simulation on the Northwestern Pacific segmented by QuadTree decomposition. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 208, 104428.	1.7	9
5597	Characteristics, trend, and precursors of extreme cold events in northwestern North America. <i>Atmospheric Research</i> , 2021, 249, 105338.	1.8	5
5598	Late Holocene seasonal temperature variability of the western Scottish shelf (St Kilda) recorded in fossil shells of the bivalve <i>Glycymeris glycymeris</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 562, 110146.	1.0	3
5599	Amplification of Winter Sea surface temperature response over East China Seas to global warming acceleration and slowdown. <i>International Journal of Climatology</i> , 2021, 41, 2082-2099.	1.5	5
5600	Synergetic impacts of precursory climate drivers on interannual-decadal variations in haze pollution in North China: A review. <i>Science of the Total Environment</i> , 2021, 755, 143017.	3.9	23
5601	Quantification and interpretation of the climate variability record. <i>Global and Planetary Change</i> , 2021, 197, 103399.	1.6	24
5602	Tree-ring reconstructed diurnal temperature range on the eastern Tibetan plateau and its linkage to El Niño Southern Oscillation. <i>International Journal of Climatology</i> , 2021, 41, 1696-1711.	1.5	5
5603	CMIP6 Historical Simulations (1850â€“2014) With GISS-E2.1. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2019MS002034.	1.3	49
5604	Effect of sea surface temperature and precipitation on annual frequency of harmful algal blooms in the East China Sea over the past decades. <i>Environmental Pollution</i> , 2021, 270, 116224.	3.7	14
5605	On the relationship of lake-effect snowfall and teleconnections in the Lower Peninsula of Michigan, USA. <i>Journal of Great Lakes Research</i> , 2021, 47, 134-144.	0.8	3
5606	The Northwestern Pacific Warming Record in August 2020 Occurred Under Anthropogenic Forcing. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090956.	1.5	18
5607	Life cycle assessment of fish and seafood processed products â€“ A review of methodologies and new challenges. <i>Science of the Total Environment</i> , 2021, 761, 144094.	3.9	58
5608	Remote Influence of the Midlatitude South Atlantic Variability in Spring on Antarctic Summer Sea Ice. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	8
5609	The modulation of westerliesâ€“monsoon interaction on climate over the monsoon boundary zone in East Asia. <i>International Journal of Climatology</i> , 2021, 41, E3049.	1.5	21

#	ARTICLE	IF	CITATIONS
5610	Diagnosis of ENSO-related precipitation changes during the twentieth and twenty-first centuries using reanalyses and two multi-model clusters. <i>Climate Dynamics</i> , 2021, 56, 727-748.	1.7	1
5611	Conditional impact of boreal autumn North Atlantic SST anomaly on winter tropospheric Asian polar vortex. <i>Climate Dynamics</i> , 2021, 56, 855-871.	1.7	9
5612	Possible role of Southern Hemispheric sea ice in the variability of West China autumn rain. <i>Atmospheric Research</i> , 2021, 249, 105329.	1.8	13
5613	Interdecadal modulation of interannual ENSO-Indian summer monsoon rainfall teleconnections in observations and CMIP6 models: Regional patterns. <i>International Journal of Climatology</i> , 2021, 41, 2528-2552.	1.5	18
5614	Emerging Pacific Quasi-Decadal Oscillation Over the Past 70 Years. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090851.	1.5	8
5615	The Extreme Positive Indian Ocean Dipole of 2019 and Associated Indian Summer Monsoon Rainfall Response. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091497.	1.5	64
5616	Influence of the Eastern Pacific and Central Pacific Types of ENSO on the South Asian Summer Monsoon. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 12-28.	1.9	9
5617	On the seasonal and sub-seasonal factors influencing East China tropical cyclone landfall. <i>Atmospheric Science Letters</i> , 2021, 22, e1014.	0.8	5
5618	Causal pathways linking different flavours of ENSO with the Greater Horn of Africa short rains. <i>Atmospheric Science Letters</i> , 2021, 22, e1015.	0.8	23
5619	Interdecadal change in the relationship between interannual variation of the South China Sea monsoon trough and tropical Indo-Pacific sea surface temperature. <i>International Journal of Climatology</i> , 2021, 41, E2379.	1.5	3
5620	Weakened impact of autumn Arctic sea ice concentration change on the subsequent winter Siberian High variation around the late 1990s. <i>International Journal of Climatology</i> , 2021, 41, E2700.	1.5	11
5621	Decadal variability of the Kuroshio Extension: the response of the jet to increased atmospheric resolution in a coupled ocean-atmosphere model. <i>Climate Dynamics</i> , 2021, 56, 1227-1249.	1.7	4
5622	The interplay of thermodynamics and ocean dynamics during ENSO growth phase. <i>Climate Dynamics</i> , 2021, 56, 1681-1697.	1.7	15
5623	Potential predictability of the Ethiopian summer rains: Understanding local variations and their implications for water management decisions. <i>Science of the Total Environment</i> , 2021, 755, 142604.	3.9	17
5624	Enhanced warming constrained by past trends in equatorial Pacific sea surface temperature gradient. <i>Nature Climate Change</i> , 2021, 11, 33-37.	8.1	58
5625	Reversed impacts of the Arctic oscillation on the precipitation over the South China Sea and its surrounding areas in October and November. <i>Climate Dynamics</i> , 2021, 56, 65-85.	1.7	2
5626	Impact of North Atlantic SST and Tibetan Plateau forcing on seasonal transition of springtime South Asian monsoon circulation. <i>Climate Dynamics</i> , 2021, 56, 559-579.	1.7	32
5627	On the connection between AMOC and observed land precipitation in Northern Hemisphere: a comparison of the AMOC indicators. <i>Climate Dynamics</i> , 2021, 56, 651-664.	1.7	3

#	ARTICLE	IF	CITATIONS
5628	The role of blocking circulation and emerging open water feedbacks on Greenland cold-season air temperature variability over the last century. <i>International Journal of Climatology</i> , 2021, 41, E2778.	1.5	5
5629	The asymmetric impacts of ENSO modoki on boreal winter climate over the Pacific and its rim. <i>Climate Dynamics</i> , 2021, 56, 29-44.	1.7	8
5630	Influence of Tibetan Plateau autumn snow cover on interannual variations in spring precipitation over southern China. <i>Climate Dynamics</i> , 2021, 56, 767-782.	1.7	29
5631	Quantifying and modelling the ENSO phenomenon and extreme discharge events relation in the La Plata Basin. <i>Hydrological Sciences Journal</i> , 2021, 66, 75-89.	1.2	4
5632	Regional atmospheric response to the Benguela NiÑ±as. <i>International Journal of Climatology</i> , 2021, 41, E1483.	1.5	7
5633	Nonstationary relationship between sea ice over KaraLaptev seas during AugustSeptember and Ural blocking in the following winter. <i>International Journal of Climatology</i> , 2021, 41, E1608.	1.5	5
5634	Increasing trend of lightning activity in the South Asia region. <i>Science Bulletin</i> , 2021, 66, 78-84.	4.3	38
5635	Nutrient and dissolved inorganic carbon variability in the North Pacific. <i>Journal of Oceanography</i> , 2021, 77, 3-16.	0.7	10
5636	Drivers of the Indian summer monsoon climate variability. , 2021, , 1-28.		4
5637	Indian Ocean Dipole influence on Indian summer monsoon and ENSO: A review. , 2021, , 157-182.		12
5638	Role of the Cold Okhotsk Sea on the Climate of the North Pacific Subtropical High and Baiu Precipitation. <i>Journal of Climate</i> , 2021, 34, 495-507.	1.2	9
5639	Interdecadal change in the relationship between the winter North Pacific storm track and the East Asian winter monsoon. <i>Journal of Climate</i> , 2021, , 1-57.	1.2	7
5640	On the observed connection between Arctic sea ice and Eurasian snow in relation to the winter North Atlantic Oscillation. <i>Environmental Research Letters</i> , 2020, 15, 124010.	2.2	6
5641	Bispectral analysis of nonlinear interaction, predictability and stochastic modelling with application to ENSO. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 73, 1866393.	0.8	4
5642	EmpiricalStatistical Downscaling of Austral Summer Precipitation over South America, with a Focus on the Central Peruvian Andes and the Equatorial Amazon Basin. <i>Journal of Applied Meteorology and Climatology</i> , 2021, 60, 65-85.	0.6	13
5643	ENSO teleconnections in an ensemble of CORDEX-CORE regional simulations. <i>Climate Dynamics</i> , 2021, 57, 1445-1461.	1.7	6
5644	Northern poleward edge of regional Hadley cell over western Pacific during boreal winter: year-to-year variability, influence factors and associated winter climate anomalies. <i>Climate Dynamics</i> , 2021, 56, 3643-3664.	1.7	8
5645	Future Changes in the Global and Regional Sea Level Rise and Sea Surface Temperature Based on CMIP6 Models. <i>Atmosphere</i> , 2021, 12, 90.	1.0	19

#	ARTICLE	IF	CITATIONS
5646	NUIST ESM v3 Data Submission to CMIP6. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 268-284.	1.9	5
5647	Regularity and Irregularity of the Seasonal Northward March of the East Asian Summer Wet Environment and the Influential Factors. <i>Journal of Climate</i> , 2021, 34, 545-566.	1.2	9
5648	Performance of the RegCM-MITgcm Coupled Regional Model in Simulating the Indian Summer Monsoon Rainfall. <i>Pure and Applied Geophysics</i> , 2021, 178, 603-617.	0.8	17
5649	Two types of warm blobs in the <scp>Northeast Pacific</scp> and their potential effect on the <scp>El Niño</scp>. <i>International Journal of Climatology</i> , 2021, 41, 2810-2827.	1.5	11
5650	Can we reconstruct the formation of large open-ocean polynyas in the Southern Ocean using ice core records?. <i>Climate of the Past</i> , 2021, 17, 111-131.	1.3	4
5651	Autumn Arctic Pacific Sea Ice Dipole as a Source of Predictability for Subsequent Spring Barents Sea Ice Condition. <i>Journal of Climate</i> , 2021, 34, 787-804.	1.2	0
5652	Coupling of the CASâ€LSM Landâ€Surface Model With the CASâ€FGOALSâ€g3 Climate System Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002171.	1.3	3
5653	Evolution of the East Asian winter land temperature trends during 1961â€“2018: role of internal variability and external forcing. <i>Environmental Research Letters</i> , 2021, 16, 024015.	2.2	13
5654	Role of Land-Ocean Contrast in the Indian Summer Monsoon Rainfall. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2021, , 3-12.	0.2	0
5655	Distinct impacts of spring soil moisture over the Indo-China Peninsula on summer precipitation in the Yangtze River basin under different SST backgrounds. <i>Climate Dynamics</i> , 2021, 56, 1895-1918.	1.7	16
5656	The representation of winter Northern Hemisphere atmospheric blocking in ECMWF seasonal prediction systems. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 1344-1363.	1.0	16
5657	Fishery migration under the influence of global warming. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 631, 012015.	0.2	0
5658	ENSO Modoki teleconnections to Indian summer monsoon rainfallâ€”A review. , 2021, , 69-90.		2
5659	Fast and slow responses of the Subantarctic Mode Water in the South Indian Ocean to global warming in CMIP5 extended RCP4.5 simulations. <i>Climate Dynamics</i> , 2021, 56, 3157-3171.	1.7	8
5660	River Nile discharge, the Pacific Ocean and world climate â€” a seasonal synchronization perspective. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 73, 1947551.	0.8	4
5661	Different Future Changes between Early and Late Summer Monsoon Precipitation in East Asia. <i>Journal of the Meteorological Society of Japan</i> , 2021, 99, 1501-1524.	0.7	10
5662	Greater committed warming after accounting for the pattern effect. <i>Nature Climate Change</i> , 2021, 11, 132-136.	8.1	35
5663	Impact of Annual Cycle on ENSO Variability and Predictability. <i>Journal of Climate</i> , 2021, 34, 171-193.	1.2	12

#	ARTICLE	IF	CITATIONS
5664	Interdecadal Change of the Winter-Spring Tropospheric Temperature Over Asia and its Impact on the South China Sea Summer Monsoon Onset. <i>Frontiers in Earth Science</i> , 2021, 8, .	0.8	8
5665	Enhanced Tropical Eastern Indian Ocean Rainfall Breaks down the Tropical Easterly Jet-Indian Rainfall Relationship. <i>Journal of Climate</i> , 2021, , 1-44.	1.2	3
5666	Age-growth relationships, temperature sensitivity and palaeoclimate-archive potential of the threatened Altiplano cactus <i>Echinopsis atacamensis</i> . , 2021, 9, coaa123.		1
5667	Climate Change Projection in the Twenty-First Century Simulated by NIMS-KMA CMIP6 Model Based on New GHGs Concentration Pathways. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2021, 57, 851-862.	1.3	15
5668	Coupling of the Indian, western North Pacific, and East Asian summer monsoons. , 2021, , 263-286.		5
5669	Coldâ€™Season Arctic Amplification Driven by Arctic Oceanâ€™Mediated Seasonal Energy Transfer. <i>Earth's Future</i> , 2021, 9, e2020EF001898.	2.4	30
5670	Climate warming from managed grasslands cancels the cooling effect of carbon sinks in sparsely grazed and natural grasslands. <i>Nature Communications</i> , 2021, 12, 118.	5.8	106
5671	Negligible Unforced Historical Pattern Effect on Climate Feedback Strength Found in HadISST-Based AMIP Simulations. <i>Journal of Climate</i> , 2021, 34, 39-55.	1.2	9
5672	The Atmospheric Response to North Atlantic SST Trends, 1870â€™2019. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090677.	1.5	12
5673	PMIP4/CMIP6 last interglacial simulations using three different versions of MIROC: importance of vegetation. <i>Climate of the Past</i> , 2021, 17, 21-36.	1.3	10
5674	Progress in Climate Modeling. , 2021, , 155-192.		0
5675	Dynamic and thermodynamic contributions to Northern China dryness in El NiÃ±o developing summer. <i>International Journal of Climatology</i> , 2021, 41, 2878-2890.	1.5	4
5676	Generation of westerly wind bursts by forcing outside the tropics. <i>Scientific Reports</i> , 2021, 11, 912.	1.6	7
5677	Slow feedbacks resulting from strongly enhanced atmospheric methane mixing ratios in a chemistryâ€™climate model with mixed-layer ocean. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 731-754.	1.9	2
5678	FORTE 2.0: a fast, parallel and flexible coupled climate model. <i>Geoscientific Model Development</i> , 2021, 14, 275-293.	1.3	3
5679	Understanding the impact of climate change on the oceanic circulation in the Chilean island ecoregions. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 232-252.	0.9	10
5680	Impact of tibetan plateau snow cover on tropical cyclogenesis via the Maddenâ€™Julian oscillation during the following boreal summer. <i>Climate Dynamics</i> , 2021, 56, 3025-3043.	1.7	7
5681	Interplay Between Subseasonal Rainfall and Global Predictors in Modulating Interannual to Multidecadal Predictability of the ISMR. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	14

#	ARTICLE	IF	CITATIONS
5682	Effects of Weak and Strong Winter Currents on the Thermal State of the South China Sea. <i>Journal of Climate</i> , 2021, 34, 313-325.	1.2	11
5683	Ground-based lidar processing and simulator framework for comparing models and observations (ALCF 1.0). <i>Geoscientific Model Development</i> , 2021, 14, 43-72.	1.3	13
5684	Association between El Niño and extreme temperatures in southern South America in CMIP5 models. Part 2: future climate projections. <i>Climate Research</i> , 2021, 85, 69-90.	0.4	1
5685	Future changes in stratospheric quasi-stationary wave-1 in the extratropical southern hemisphere spring and summer as simulated by ACCESS-CCM. <i>Journal of Southern Hemisphere Earth Systems Science</i> , 2021, 71, 181.	0.7	0
5686	Interdecadal variability of intensity of the <sc>Madden-Julian</sc> oscillation. <i>Atmospheric Science Letters</i> , 2021, 22, e1027.	0.8	1
5687	The Andes and the Southeast Pacific Cold Tongue Simulation. <i>Journal of Climate</i> , 2021, 34, 415-425.	1.2	1
5688	Relative contributions of global warming, AMO and IPO to the land precipitation variabilities since 1930s. <i>Climate Dynamics</i> , 2021, 56, 2225-2243.	1.7	11
5689	U.S. Tropical Cyclone Activity in the 2030s Based on Projected Changes in Tropical Sea Surface Temperature. <i>Journal of Climate</i> , 2021, 34, 1321-1335.	1.2	14
5690	An observational equatorial Atlantic Ocean constraint on Indian monsoon precipitation projections. <i>Climate Dynamics</i> , 2021, 57, 209-221.	1.7	2
5691	Synchronized interdecadal variations behind regime shifts in the Pacific Decadal Oscillation. <i>Journal of Oceanography</i> , 2021, 77, 383-392.	0.7	4
5692	A Hybrid Ensemble Canonical Correlation Prediction Model of the Winter Siberian High. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033780.	1.2	4
5693	An inter-comparison of the mass budget of the Arctic sea ice in CMIP6 models. <i>Cryosphere</i> , 2021, 15, 951-982.	1.5	42
5694	Quantifying atmosphere and ocean origins of North American precipitation variability. <i>Climate Dynamics</i> , 2021, 56, 4051-4074.	1.7	3
5695	Increasing lifetime maximum intensity of rapidly intensifying tropical cyclones over the western North Pacific. <i>Environmental Research Letters</i> , 2021, 16, 034002.	2.2	7
5696	The implications of the recently recognized mid-20th century shift in the Earth system. <i>Infrastructure Asset Management</i> , 2022, 9, 403-410.	1.2	1
5697	Simulating the mid-Holocene, last interglacial and mid-Pliocene climate with EC-Earth3-LR. <i>Geoscientific Model Development</i> , 2021, 14, 1147-1169.	1.3	32
5698	The Peculiar Trajectory of Global Warming. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033629.	1.2	12
5699	The Unstable Relationship Between the Precipitation Dipole Pattern in the Tibetan Plateau and Summer NAO. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091941.	1.5	14

#	ARTICLE	IF	CITATIONS
5700	Combining Statistical, Physical, and Historical Evidence to Improve Historical Sea-Surface Temperature Records. , 0, , .		0
5701	Bayesian Network Analysis reveals resilience of the jellyfish <i>Aurelia aurita</i> to an Irish Sea regime shift. <i>Scientific Reports</i> , 2021, 11, 3707.	1.6	8
5702	Linkage between interannual variation of winter cold surge over East Asia and autumn sea ice over the Barents Sea. <i>Theoretical and Applied Climatology</i> , 2021, 144, 339-351.	1.3	5
5703	Synergetic effect of El Niño and Southern Oscillation and Indian Ocean Dipole on particulate matter in Guangdong, China. <i>International Journal of Climatology</i> , 2021, 41, 3615-3627.	1.5	0
5704	Mid-Pliocene Atlantic Meridional Overturning Circulation simulated in PlioMIP2. <i>Climate of the Past</i> , 2021, 17, 529-543.	1.3	20
5705	The modulation of Indian summer monsoon onset processes during ENSO through equatorward migration of the subtropical jet stream. <i>Climate Dynamics</i> , 2021, 57, 141-152.	1.7	7
5706	Individual and combined impacts of ENSO and East Asian winter monsoon on the South China Sea cold tongue intensity. <i>Climate Dynamics</i> , 2021, 56, 3995-4012.	1.7	7
5707	ENSO Modulates Summer and Autumn Sea Ice Variability Around Dronning Maud Land, Antarctica. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033140.	1.2	8
5708	Projected future changes in tropical cyclone-related wave climate in the North Atlantic. <i>Climate Dynamics</i> , 2021, 56, 3687-3708.	1.7	9
5709	Variation in the Holton-Tan effect by longitude. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 1767-1787.	1.0	9
5710	Seasonal Prediction of Arctic Summer Sea Ice Concentration from a Partial Least Squares Regression Model. <i>Atmosphere</i> , 2021, 12, 230.	1.0	8
5711	Interdecadal weakening of the cross-equatorial flows over the Maritime Continent during the boreal summer in the mid-1990s: drivers and physical processes. <i>Climate Dynamics</i> , 2021, 57, 55-72.	1.7	3
5712	Amplified risk of spatially compounding droughts during co-occurrences of modes of natural ocean variability. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	39
5713	Decadal changes of East Asian jet streams and their relationship with the Mid-high Latitude Circulations. <i>Climate Dynamics</i> , 2021, 56, 2801-2821.	1.7	7
5714	Evaluating the Lagrangian Evolution of Subtropical Low Clouds in GCMs Using Observations: Mean Evolution, Time Scales, and Responses to Predictors. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 353-372.	0.6	1
5715	Subseasonal Prediction of Wintertime Northern Hemisphere Extratropical Cyclone Activity by SubX and S2S Models. <i>Weather and Forecasting</i> , 2021, 36, 75-89.	0.5	2
5716	Origin of Indian Ocean multidecadal climate variability: role of the North Atlantic Oscillation. <i>Climate Dynamics</i> , 2021, 56, 3277-3294.	1.7	17
5717	Is There a Tropical Response to Recent Observed Southern Ocean Cooling?. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091235.	1.5	20

#	ARTICLE	IF	CITATIONS
5718	Separating the Indian and Pacific Ocean Impacts on the Euro-Atlantic Response to ENSO and Its Transition from Early to Late Winter. <i>Journal of Climate</i> , 2021, 34, 1531-1548.	1.2	32
5719	Evaluating Climate Models with the CLIVAR 2020 ENSO Metrics Package. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E193-E217.	1.7	93
5720	Roles of ENSO in the Link of the East Asian Summer Monsoon to the Ensuing Winter Monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033994.	1.2	11
5722	The Full Extent of El Niño's Precipitation Influence on the United States and the Americas: The Suboptimality of the Niño 3.4 SST Index. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091447.	1.5	8
5724	Tropical forcing of Australian extreme low minimum temperatures in September 2019. <i>Climate Dynamics</i> , 2021, 56, 3625-3641.	1.7	8
5725	Uncertainty of ENSO-amplitude projections in CMIP5 and CMIP6 models. <i>Climate Dynamics</i> , 2021, 56, 3875-3888.	1.7	59
5726	Predictability of El Niño Duration Based on the Onset Timing. <i>Journal of Climate</i> , 2021, 34, 1351-1366.	1.2	10
5727	The Impact of Applying Individually Perturbed Parametrization Tendency Scheme on the Simulated El Niño-Southern Oscillation in the Community Earth System Model. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	0
5728	The MJO-QBO Relationship in a GCM with Stratospheric Nudging. <i>Journal of Climate</i> , 2021, , 1-69.	1.2	17
5729	Imprint of chaotic ocean variability on transports in the southwestern Pacific at interannual timescales. <i>Ocean Science</i> , 2021, 17, 487-507.	1.3	5
5730	Quantifying the Atmospheric CO ₂ Forcing Effect on Surface Ocean pCO ₂ in the North Pacific Subtropical Gyre in the Past Two Decades. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
5731	Variation in Seasonal Precipitation over Gaza (Palestine) and Its Sensitivity to Teleconnection Patterns. <i>Water (Switzerland)</i> , 2021, 13, 667.	1.2	7
5732	Interannual Variability of Tropical Atlantic-to-Pacific Moisture Transport Linked to ENSO, Atlantic Niño, and Freshwater Budget in the Northwestern Tropical Atlantic. <i>Journal of Climate</i> , 2021, , 1-61.	1.2	2
5733	Linear response of the Greenland ice sheet's tidewater glacier terminus positions to climate. <i>Journal of Glaciology</i> , 2021, 67, 193-203.	1.1	18
5734	Long-term evolution of global sea surface temperature trend. <i>International Journal of Climatology</i> , 2021, 41, 4494-4508.	1.5	17
5735	Depth Structure of Ningaloo Niño/Niña Events and Associated Drivers. <i>Journal of Climate</i> , 2021, 34, 1767-1788.	1.2	12
5736	Modelling the distribution of larval fish in a western boundary current using a multi-voyage database. <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 399-415.	2.4	7
5737	Idealized Aquaplanet Simulations of Tropical Cyclone Activity: Significance of Temperature Gradients, Hadley Circulation, and Zonal Asymmetry. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 877-902.	0.6	8

#	ARTICLE	IF	CITATIONS
5738	Climate Model Teleconnection Patterns Govern the Ni±o-3.4 Response to Early Nineteenth-Century Volcanism in Coral-Based Data Assimilation Reconstructions. <i>Journal of Climate</i> , 2021, 34, 1863-1880.	1.2	12
5739	Impacts of Low-Frequency Internal Climate Variability and Greenhouse Warming on El Ni±o±Southern Oscillation. <i>Journal of Climate</i> , 2021, 34, 2205-2218.	1.2	11
5740	Rapid Warming of Sea Surface Temperature along the Kuroshio and the China Coast in the East China Sea during the Twentieth Century. <i>Journal of Climate</i> , 2021, 34, 4803-4815.	1.2	21
5741	The precipitation variability of the wet and dry season at the interannual and interdecadal scales over eastern China (1901±2016): the impacts of the Pacific Ocean. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 1467-1481.	1.9	2
5742	Was the 2015 North Atlantic subpolar cold anomaly predictable?. <i>Journal of Climate</i> , 2021, , 1-69.	1.2	1
5743	Extreme Rainfall Events in the Macro-Metropolis of S±o Paulo: trends and connection with climate oscillations. <i>Journal of Applied Meteorology and Climatology</i> , 2021, , .	0.6	3
5744	Relative contributions of environmental factors on different time scales to tropical cyclogenesis over the eastern North Pacific. <i>Atmospheric Science Letters</i> , 2021, 22, e1037.	0.8	2
5746	ENSO modulates wildfire activity in China. <i>Nature Communications</i> , 2021, 12, 1764.	5.8	69
5747	Environmental impact on the mechanical properties of <i>Porites</i> spp. corals. <i>Coral Reefs</i> , 2021, 40, 701-717.	0.9	5
5748	What Determines the Lagged ENSO Response in the South±West Indian Ocean?. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091958.	1.5	6
5749	Drivers of Eurasian Spring Snow-Cover Variability. <i>Journal of Climate</i> , 2021, 34, 2037-2052.	1.2	7
5750	Dynamical Seasonal Predictions of Tropical Cyclone Activity: Roles of Sea Surface Temperature Errors and Atmosphere±Land Initialization. <i>Journal of Climate</i> , 2021, 34, 1743-1766.	1.2	3
5751	Multi-decadal offshore wind power variability can be mitigated through optimized European allocation. <i>Advances in Geosciences</i> , 0, 54, 205-215.	12.0	3
5752	ENSO phase-locking behavior in climate models: from CMIP5 to CMIP6. <i>Environmental Research Communications</i> , 2021, 3, 031004.	0.9	10
5753	Interdecadal Variability in Myanmar Rainfall in the Monsoon Season (May±October) Using Eigen Methods. <i>Water (Switzerland)</i> , 2021, 13, 729.	1.2	31
5754	Simulation of interannual relationship between the Atlantic zonal mode and Indian summer monsoon in CFSv2. <i>Climate Dynamics</i> , 2021, 57, 353-373.	1.7	4
5755	Dominant Characteristics of Early Autumn Arctic Sea Ice Variability and Its Impact on Winter Eurasian Climate. <i>Journal of Climate</i> , 2021, 34, 1825-1846.	1.2	35
5756	Projections of tropical heat stress constrained by atmospheric dynamics. <i>Nature Geoscience</i> , 2021, 14, 133-137.	5.4	54

#	ARTICLE	IF	CITATIONS
5757	Sensitivity of QBO teleconnection to model circulation biases. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 2147-2159.	1.0	7
5758	Natural variability contributes to modelâ€“satellite differences in tropical tropospheric warming. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	27
5759	Simulated Thermocline Tilt Over the Tropical Indian Ocean and Its Influence on Future Sea Surface Temperature Variability. Geophysical Research Letters, 2021, 48, e2020GL091902.	1.5	8
5760	Inter-basin and Multi-time Scale Interactions in generating the 2019 Extreme Indian Ocean Dipole. Journal of Climate, 2021, , 1-39.	1.2	10
5761	The Ni \pm 0-3.4 Prediction Skill of Empirically Adjusted Wind Power. Journal of Climate, 2021, 34, 2001-2015.	1.2	1
5762	CMIP6 model-based analog forecasting for the seasonal prediction of sea surface temperature in the offshore area of China. Geoscience Letters, 2021, 8, .	1.3	5
5763	Distinctive MJO Activity during the Boreal Winter of the 2015/16 Super El Ni \pm o in Comparison with Other Super El Ni \pm o Events. Advances in Atmospheric Sciences, 2021, 38, 555-568.	1.9	4
5764	Observed trends in clouds and precipitation (1983â€“2009): implications for their cause(s). Atmospheric Chemistry and Physics, 2021, 21, 4899-4913.	1.9	7
5765	Malaria trends in Ethiopian highlands track the 2000 â€“slowdownâ€™ in global warming. Nature Communications, 2021, 12, 1555.	5.8	19
5766	Changes in summer precipitation variability in central Brazil over the past eight decades. International Journal of Climatology, 2021, 41, 4171-4186.	1.5	10
5767	Predictable Variations of the Carbon Sinks and Atmospheric CO ₂ Growth in a Multiâ€“Model Framework. Geophysical Research Letters, 2021, 48, e2020GL090695.	1.5	17
5768	Atmosphere-ocean dynamics of persistent cold states of the tropical Pacific Ocean. Journal of Climate, 2021, , 1-44.	1.2	0
5769	Impacts of Indian Ocean Dipoleâ€“Like SST on Rice Yield Anomalies in Jiangsu Province. Frontiers in Earth Science, 2021, 8, .	0.8	0
5770	Value addition to forecasting: towards Kharif rice crop predictability through local climate variations associated with Indo-Pacific climate drivers. Theoretical and Applied Climatology, 2021, 144, 917-929.	1.3	3
5771	Anthropogenic influence on the intensity of extreme precipitation in the <sc>Asianâ€“Australian</sc> monsoon region in <sc>HadGEM3â€“Aâ€“CN216</sc>. Atmospheric Science Letters, 2021, 22, e1036.	0.8	5
5772	Impact of the South China Sea Summer Monsoon on the Indian Ocean Dipole in CMIP5 Models. Journal of Climate, 2021, 34, 1963-1981.	1.2	5
5773	Climateâ€“sensitivity of sugarcane yield in the southeastern Africa lowlands. International Journal of Climatology, 2021, 41, 4187-4200.	1.5	1
5774	U.S. Pacific Coastal Droughts Are Predominantly Driven by Internal Atmospheric Variability. Journal of Climate, 2021, 34, 1947-1962.	1.2	7

#	ARTICLE	IF	CITATIONS
5775	Classification of Wintertime Atmospheric Teleconnection Patterns in the Northern Hemisphere. <i>Journal of Climate</i> , 2021, 34, 1847-1861.	1.2	10
5776	Korea Institute of Ocean Science and Technology Earth System Model and Its Simulation Characteristics. <i>Ocean Science Journal</i> , 2021, 56, 18-45.	0.6	28
5777	Evolution of Subtropical Pacific Onset El Niño: How Its Onset Location Controls Its Decay Evolution. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091345.	1.5	9
5778	Atmosphere-Ocean Feedback From Wind-Driven Sea Spray Aerosol Production. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091900.	1.5	7
5779	Investigating the Roles of External Forcing and Ocean Circulation on the Atlantic Multidecadal SST Variability in a Large Ensemble Climate Model Hierarchy. <i>Journal of Climate</i> , 2021, 34, 4835-4849.	1.2	10
5780	Indispensable Role of the Madden-Julian Oscillation in the 2019 Extreme Autumn Drought Over Eastern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034123.	1.2	10
5781	Role of the eastern Pacific-Caribbean Sea SST gradient in the Choco low-level jet variations from 1900-2015. <i>Climate Research</i> , 2021, 83, 61-74.	0.4	9
5782	Future Changes in the Frequency and Destructiveness of Landfalling Tropical Cyclones Over East Asia Projected by High-Resolution AGCMs. <i>Earth's Future</i> , 2021, 9, e2020EF001888.	2.4	10
5783	Increase in summer monsoon rainfall over the northeast India during El Niño years since 1600. <i>Climate Dynamics</i> , 2021, 57, 851-863.	1.7	16
5784	Past megadroughts in central Europe were longer, more severe and less warm than modern droughts. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	44
5785	NAO predictability from external forcing in the late 20th century. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	19
5786	CAFE60v1: A 60-year large ensemble climate reanalysis. Part I: System design, model configuration and data assimilation.. <i>Journal of Climate</i> , 2021, , 1-48.	1.2	10
5787	CAFE60v1: A 60-year large ensemble climate reanalysis. Part II: Evaluation. <i>Journal of Climate</i> , 2021, , 1-62.	1.2	4
5788	Joint Boost to Super El Niño from the Indian and Atlantic Oceans. <i>Journal of Climate</i> , 2021, 34, 4937-4954.	1.2	13
5789	Simulations of ENSO Phase-Locking in CMIP5 and CMIP6. <i>Journal of Climate</i> , 2021, 34, 5135-5149.	1.2	24
5790	Using the Mid-Holocene "Greening" of the Sahara to Narrow Acceptable Ranges on Climate Model Parameters. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092043.	1.5	7
5791	Using Bayesian Networks to Investigate the Influence of Subseasonal Arctic Variability on Midlatitude North Atlantic Circulation. <i>Journal of Climate</i> , 2021, 34, 2319-2335.	1.2	2
5792	The Role of Radiative Interactions in Tropical Cyclone Development under Realistic Boundary Conditions. <i>Journal of Climate</i> , 2021, 34, 2079-2091.	1.2	7

#	ARTICLE	IF	CITATIONS
5793	Extreme Snow Events along the Coast of the Northeast United States: Potential Changes due to Global Warming. <i>Journal of Climate</i> , 2021, 34, 2337-2353.	1.2	13
5794	The Relationship between Melt Season Sea Ice over the Bering Sea and Summer Precipitation over Mid-Latitude East Asia. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 918-930.	1.9	9
5795	Development of an Integrated Approach for the Assessment of Climate Change Impacts on the Hydro-Meteorological Characteristics of the Mahaweli River Basin, Sri Lanka. <i>Water (Switzerland)</i> , 2021, 13, 1218.	1.2	9
5796	Atlantic bluefin tuna (<i>Thunnus thynnus</i>) in Greenland " mixed-stock origin, diet, hydrographic conditions, and repeated catches in this new fringe area. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 400-408.	0.7	10
5797	Impacts of Coral Growth on Geochemistry: Lessons From the Galápagos Islands. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004051.	1.3	12
5798	Early-onset of Atlantic Meridional Overturning Circulation weakening in response to atmospheric CO ₂ concentration. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	12
5799	Sustained Decadal Warming Phase in the Southwestern Indian Ocean since the Mid-1990s. <i>Journal of Meteorological Research</i> , 2021, 35, 258-270.	0.9	1
5800	Temperature Fluctuation Attenuates the Effects of Warming in Estuarine Microbial Plankton Communities. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	9
5801	Tropical cyclone genesis over the western North Pacific impacted by SST anomalies from other basins while El Niño decays. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 2580-2596.	1.0	5
5802	Coral Skeletal Luminescence Records Changes in Terrestrial Chromophoric Dissolved Organic Matter in Tropical Coastal Waters. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092130.	1.5	6
5803	Unprecedented drought in South India and recent water scarcity. <i>Environmental Research Letters</i> , 2021, 16, 054007.	2.2	50
5804	Sea Surface Temperature Anomalies in the Western Indian Ocean as a Trigger for Atlantic Niño Events. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092489.	1.5	12
5805	Over-projected Pacific warming and extreme El Niño frequency due to CMIP5 common biases. <i>National Science Review</i> , 2021, 8, nwab056.	4.6	20
5806	Development of Coupled Data Assimilation With the BCC Climate System Model: Highlighting the Role of Sea-Ice Assimilation for Global Analysis. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002368.	1.3	14
5807	The Response of the Nordic Seas to Wintertime Sea Ice Retreat. <i>Journal of Climate</i> , 2021, 34, 6041-6056.	1.2	5
5808	Pacific Meridional Modes without Equatorial Pacific Influence. <i>Journal of Climate</i> , 2021, , 1-51.	1.2	7
5809	Recent climate variability around the Kerguelen Islands (Southern Ocean) seen through weather regimes. <i>Journal of Applied Meteorology and Climatology</i> , 2021, , .	0.6	5
5810	Interannual to Decadal Variability of Tropical Indian Ocean Sea Surface Temperature: Pacific Influence versus Local Internal Variability. <i>Journal of Climate</i> , 2021, 34, 2669-2684.	1.2	10

#	ARTICLE	IF	CITATIONS
5811	Improved decadal predictions of <scp>East Asian</scp> summer monsoon with a weakly coupled data assimilation scheme. <i>International Journal of Climatology</i> , 2021, 41, 5550-5571.	1.5	4
5812	Time-Spatial Features of Mix El Niño. <i>Atmosphere</i> , 2021, 12, 476.	1.0	0
5813	Modulation of winter precipitation associated with tropical cyclone of the western North Pacific by the stratospheric Quasi-Biennial oscillation. <i>Environmental Research Letters</i> , 2021, 16, 054004.	2.2	9
5814	Two Severe Prolonged Hydrological Droughts Analysis over Mainland Australia Using GRACE Satellite Data. <i>Remote Sensing</i> , 2021, 13, 1432.	1.8	9
5815	Estimates of Direct Radiative Forcing Impact on Surface Air Temperature Changes in the Modern Period. <i>Doklady Earth Sciences</i> , 2021, 497, 314-318.	0.2	1
5816	Pacific sea surface temperature anomalies as important boundary forcing in driving the interannual Warm Arctic-Cold Continent pattern over the North American sector. <i>Journal of Climate</i> , 2021, , 1-43.	1.2	2
5817	Seasonally changing contribution of sea ice and snow cover to uncertainty in multi-decadal Eurasian surface air temperature trends based on CESM simulations. <i>Climate Dynamics</i> , 2021, 57, 917-932.	1.7	0
5818	Central Pacific El Niño as a Precursor to Summer Drought-Breaking Rainfall Over Southeastern Australia. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091131.	1.5	20
5820	Influence of the Indian Ocean Dipole on the Large-Scale Circulation in South America. <i>Journal of Climate</i> , 2021, 34, 6057-6068.	1.2	8
5821	Exploring Viscosity Space in an Eddy-Permitting Global Ocean Model: Is Viscosity a Useful Control for Numerical Mixing?. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002263.	1.3	3
5822	Synoptic mode of Antarctic summer sea ice superimposed on interannual and decadal variability. <i>Advances in Climate Change Research</i> , 2021, 12, 147-161.	2.1	5
5823	Contributions of natural climate variability on the trends of seasonal precipitation extremes over China. <i>International Journal of Climatology</i> , 2021, 41, 5226-5242.	1.5	8
5824	Local and remote SST variability contribute to the westward shift of the Pacific Walker circulation during 1979-2015. <i>Geoscience Letters</i> , 2021, 8, .	1.3	6
5825	The Productivity of Low-Elevation Juniper Forests in Central Asia Increased Under Moderate Warming Scenarios. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006269.	1.3	3
5826	Influence of ENSO on North American subseasonal surface air temperature variability. <i>Weather and Climate Dynamics</i> , 2021, 2, 395-412.	1.2	10
5827	Global modeling of hydrogen using GFDL-AM4.1: Sensitivity of soil removal and radiative forcing. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 13446-13460.	3.8	20
5828	On the anomalous development of the extremely intense positive Arctic Oscillation of the 2019-2020 winter. <i>Environmental Research Letters</i> , 2021, 16, 055008.	2.2	9
5829	El Niño-Southern Oscillation modulates insect outbreaks in humid subtropical China: Evidences from tree rings and carbon isotopes. <i>Dendrochronologia</i> , 2021, 66, 125815.	1.0	4

#	ARTICLE	IF	CITATIONS
5830	Range edges of North American marine species are tracking temperature over decades. <i>Global Change Biology</i> , 2021, 27, 3145-3156.	4.2	38
5831	Impacts of Tropical North Atlantic and Equatorial Atlantic SST Anomalies on ENSO. <i>Journal of Climate</i> , 2021, , 1-58.	1.2	24
5832	Asymmetric relationship between ENSO and the tropical Indian Ocean summer SST anomalies. <i>Journal of Climate</i> , 2021, , 1-51.	1.2	10
5833	A warming Southern Ocean may compromise Antarctic blue whale foetus growth. <i>Journal of Vertebrate Biology</i> , 2021, 70, .	0.4	3
5834	What induces the interdecadal shift of the dipole patterns of summer precipitation trends over the Tibetan Plateau?. <i>International Journal of Climatology</i> , 2021, 41, 5159-5177.	1.5	18
5835	Combined impacts of sea surface temperature in tropical Pacific and North Atlantic Oceans on the winter rainfall in southern China under decadal background. <i>International Journal of Climatology</i> , 2021, 41, 5201-5212.	1.5	4
5836	Decadal Modulation of the ENSO–Indian Ocean Basin Warming Relationship during the Decaying Summer by the Interdecadal Pacific Oscillation. <i>Journal of Climate</i> , 2021, 34, 2685-2699.	1.2	14
5837	Association between El Niño and extreme temperatures in southern South America in CMIP5 models. Part 1: model evaluation in the present climate. <i>Climate Research</i> , 2021, 83, 111-132.	0.4	3
5838	Prediction of Arctic Temperature and Sea Ice Using a High-Resolution Coupled Model. <i>Journal of Climate</i> , 2021, 34, 2905-2922.	1.2	5
5839	Intensification of El Niño-induced atmospheric anomalies under greenhouse warming. <i>Nature Geoscience</i> , 2021, 14, 377-382.	5.4	60
5840	El Niño–Southern Oscillation (ENSO) effect on interannual variability in spring aerosols over East Asia. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 5919-5933.	1.9	9
5841	Stable Carbon Isotopes Suggest Large Terrestrial Carbon Inputs to the Global Ocean. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006684.	1.9	18
5842	Analysis of Arctic Spring Ozone Anomaly in the Phases of QBO and 11-Year Solar Cycle for 1979–2017. <i>Atmosphere</i> , 2021, 12, 582.	1.0	0
5843	The Influence of Wind-Induced Waves on ENSO Simulations. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 457.	1.2	0
5844	Long-term variability of Sea Surface Temperature in the Tropical Indian Ocean in relation to climate change and variability. <i>Global and Planetary Change</i> , 2021, 199, 103436.	1.6	4
5845	Estimation of Koopman Transfer Operators for the Equatorial Pacific SST. <i>Journals of the Atmospheric Sciences</i> , 2021, 78, 1227-1244.	0.6	4
5846	Evaluation of the performance of CMIP5 and CMIP6 models in simulating the South Pacific Quadrupole–ENSO relationship. <i>Atmospheric and Oceanic Science Letters</i> , 2021, 14, 100057.	0.5	6
5847	Impact of early spring sea ice in Barents Sea on midsummer rainfall distribution at Northeast China. <i>Climate Dynamics</i> , 2021, 57, 1023-1037.	1.7	16

#	ARTICLE	IF	CITATIONS
5848	Weakened feedback of the Indian Ocean on El Niño since the early 1990s. <i>Climate Dynamics</i> , 2021, 57, 879-894.	1.7	5
5849	Improving Australian Rainfall Prediction Using Sea Surface Salinity. <i>Journal of Climate</i> , 2021, 34, 2473-2490.	1.2	5
5850	On the Role of the Antarctic Slope Front on the Occurrence of the Weddell Sea Polynya under Climate Change. <i>Journal of Climate</i> , 2021, 34, 2529-2548.	1.2	13
5851	Midlatitude Cloud Radiative Effect Sensitivity to Cloud Controlling Factors in Observations and Models: Relationship with Southern Hemisphere Jet Shifts and Climate Sensitivity. <i>Journal of Climate</i> , 2021, , 1-59.	1.2	3
5852	Improvements of the Daily Optimum Interpolation Sea Surface Temperature (DOISST) Version 2.1. <i>Journal of Climate</i> , 2021, 34, 2923-2939.	1.2	335
5853	Hemispheric asymmetry in ocean change and the productivity of ecosystem sentinels. <i>Science</i> , 2021, 372, 980-983.	6.0	38
5854	Interdecadal Variation of the Wintertime Precipitation in Southeast Asia and Its Possible Causes. <i>Journal of Climate</i> , 2021, 34, 3503-3521.	1.2	3
5855	A realistic Greenland ice sheet and surrounding glaciers and ice caps melting in a coupled climate model. <i>Climate Dynamics</i> , 2021, 57, 2467-2489.	1.7	7
5856	Changes in the Relationship between Spring Precipitation in Southern China and Tropical Pacific–South Indian Ocean SST. <i>Journal of Climate</i> , 2021, 34, 6267-6279.	1.2	10
5857	Impact of Tropical Cyclones on Inhabited Areas of the SWIO Basin at Present and Future Horizons. Part 2: Modeling Component of the Research Program RENOVRIK-CYCLONE. <i>Atmosphere</i> , 2021, 12, 689.	1.0	5
5858	Remote impacts from the tropical Indian Ocean on haze pollution in January over the Yangtze River Delta. <i>Atmospheric and Oceanic Science Letters</i> , 2021, 14, 100042.	0.5	2
5859	Spatial-Temporal Variability of Droughts during Two Cropping Seasons in Sri Lanka and Its Possible Mechanisms. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 0, , 1.	1.3	11
5860	Surface temperature-related variations in the East Asian summer monsoon during three warming stages. <i>International Journal of Climatology</i> , 2021, 41, 5785.	1.5	3
5861	Spatiotemporal characteristics of spring rainfall over Southwest China and their relationships with sea surface temperature during 1961–2017. <i>Theoretical and Applied Climatology</i> , 2021, 145, 775-786.	1.3	4
5862	Influence of the North American Dipole on ENSO onset as simulated by a coupled ocean–Atmosphere model. <i>Atmospheric and Oceanic Science Letters</i> , 2021, 14, 100058.	0.5	0
5863	Intriguing aspects of Asian Summer Monsoon Anticyclone Ozone variability from Microwave Limb Sounder measurements. <i>Atmospheric Research</i> , 2021, 253, 105479.	1.8	7
5864	Restored relationship between ENSO and Indian summer monsoon rainfall around 1999/2000. <i>Innovation(China)</i> , 2021, 2, 100102.	5.2	58
5865	Spurious North Tropical Atlantic precursors to El Niño. <i>Nature Communications</i> , 2021, 12, 3096.	5.8	33

#	ARTICLE	IF	CITATIONS
5866	The connection of east Asia and southwestern north America in climate change mode since the last glacial maximum at various timescales. <i>Quaternary Science Reviews</i> , 2021, 260, 106935.	1.4	2
5867	Skillful prediction of tropical Pacific fisheries provided by Atlantic NiÑ±os. <i>Environmental Research Letters</i> , 2021, 16, 054066.	2.2	5
5868	Interdecadal Strengthening in the Independent Relationship Between the East Asian Summer Monsoon and the Indian Ocean Basin Mode around the Early 1990s. <i>Journal of Climate</i> , 2021, , 1-42.	1.2	0
5869	An updated global atmospheric paleoÑ±eanalysis covering the last 400 years. <i>Geoscience Data Journal</i> , 2022, 9, 89-107.	1.8	31
5870	Financial inclusion may limit sustainable development under economic globalization and climate change. <i>Environmental Research Letters</i> , 2021, 16, 054049.	2.2	16
5871	Zonally asymmetric phytoplankton response to the Southern annular mode in the marginal sea of the Southern ocean. <i>Scientific Reports</i> , 2021, 11, 10266.	1.6	3
5872	Tropical Indo-Pacific SST influences on vegetation variability in eastern Africa. <i>Scientific Reports</i> , 2021, 11, 10462.	1.6	7
5873	Predictive relationships between winter climate and hot season temperatures over India. <i>International Journal of Climatology</i> , 2021, 41, 6205-6222.	1.5	1
5874	Dynamic Bayesian Networks for Evaluation of Granger Causal Relationships in Climate Reanalyses. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002442.	1.3	5
5875	Sea Ice Reduction During Winter of 2017 Due to Oceanic Heat Supplied by Pacific Water in the Chukchi Sea, West Arctic Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
5876	Interdecadal changes of summer precipitation dominant mode over East AsiaÑ±Northwest Pacific around late 1990s. <i>International Journal of Climatology</i> , 2021, 41, 6382.	1.5	2
5877	Increasing coral calcification in <i>Orbicella faveolata</i> and <i>Pseudodiploria strigosa</i> at Flower Garden Banks, Gulf of Mexico. <i>Coral Reefs</i> , 2021, 40, 1097-1111.	0.9	9
5878	The role of interannual ENSO events in decadal timescale transitions of the Interdecadal Pacific Oscillation. <i>Climate Dynamics</i> , 2021, 57, 1933-1951.	1.7	16
5879	Seasonal Predictability of Global and North American Coastal Sea Surface Temperature and Height Anomalies. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091886.	1.5	18
5880	Emergent Constraints on the Large-Scale Atmospheric Circulation and Regional Hydroclimate: Do They Still Work in CMIP6 and How Much Can They Actually Constrain the Future?. <i>Journal of Climate</i> , 2021, 34, 6355-6377.	1.2	14
5881	Experimental High-Resolution Winter Seasonal Climate Reforecasts for Florida. <i>Weather and Forecasting</i> , 2021, , .	0.5	1
5882	Atmospheric Circumglobal Teleconnection Triggered by Spring Land Thermal Anomalies Over West Asia and Its Possible Impacts on Early Summer Climate Over Northern China. <i>Journal of Climate</i> , 2021, , 1-80.	1.2	9
5883	Downstream impact of the North Pacific subtropical sea surface temperature front on the North Atlantic westerly jet stream in winter. <i>Atmospheric Research</i> , 2021, 253, 105492.	1.8	2

#	ARTICLE	IF	CITATIONS
5884	Impact of Developing ENSO on Tibetan Plateau Summer Rainfall. <i>Journal of Climate</i> , 2021, 34, 3385-3400.	1.2	42
5885	Importance of Human-Induced Nitrogen Flux Increases for Simulated Arctic Warming. <i>Journal of Climate</i> , 2021, 34, 3799-3819.	1.2	3
5886	Causes of the long-term variability of southwestern South America precipitation in the IPSL-CM6A-LR model. <i>Climate Dynamics</i> , 2021, 57, 2391-2414.	1.7	3
5887	Reconstruction of erosivity density in northwest Italy since 1701. <i>Hydrological Sciences Journal</i> , 2021, 66, 1185-1196.	1.2	7
5888	Machine Learning Incorporated With Causal Analysis for Short-Term Prediction of Sea Ice. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
5889	Atmospheric feedback explains disparate climate response to regional Arctic sea-ice loss. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	7
5890	Seasonal Prediction and Predictability of Regional Antarctic Sea Ice. <i>Journal of Climate</i> , 2021, 34, 6207-6233.	1.2	20
5891	Two-Year Dynamical Predictions of ENSO Event Duration during 1954–2015. <i>Journal of Climate</i> , 2021, 34, 4069-4087.	1.2	23
5892	El Niño teleconnection to the Euro-Mediterranean late-winter: the role of extratropical Pacific modulation. <i>Climate Dynamics</i> , 2022, 58, 2009-2029.	1.7	10
5893	The North Pacific Blob acts to increase the predictability of the Atlantic warm pool. <i>Environmental Research Letters</i> , 2021, 16, 064034.	2.2	6
5894	Harnessing scientific and local knowledge to face climate change in small-scale fisheries. <i>Global Environmental Change</i> , 2021, 68, 102253.	3.6	30
5895	Large-scale climate signals of a European oxygen isotope network from tree rings. <i>Climate of the Past</i> , 2021, 17, 1005-1023.	1.3	9
5896	The 20th century global warming signature on the ocean at global and basin scales as depicted from historical reanalyses. <i>International Journal of Climatology</i> , 2021, 41, 5977-5997.	1.5	4
5897	ENSO Diversity in a Tropical Stochastic Skeleton Model for the MJO, El Niño, and Dynamic Walker Circulation. <i>Journal of Climate</i> , 2021, 34, 3481-3501.	1.2	4
5898	North Atlantic warming over six decades drives decreases in krill abundance with no associated range shift. <i>Communications Biology</i> , 2021, 4, 644.	2.0	15
5899	Climate teleconnections, interannual variability, and evolution of the rainfall regime in a tropical Caribbean island: case study of Barbados. <i>Theoretical and Applied Climatology</i> , 2021, 145, 619-638.	1.3	3
5900	Recent weakening in the winter ENSO teleconnection over the North Atlantic-European region. <i>Climate Dynamics</i> , 2021, 57, 1953-1972.	1.7	8
5901	IASI-Derived Sea Surface Temperature Data Set for Climate Studies. <i>Earth and Space Science</i> , 2021, 8, e2020EA001427.	1.1	4

#	ARTICLE	IF	CITATIONS
5902	Statistical seasonal forecasting of tropical cyclones over the western North Pacific. <i>Environmental Research Letters</i> , 2021, 16, 074027.	2.2	5
5903	On the Varying Responses of East Asian Winter Monsoon to Three Types of El Niño: Observations and Model Hindcasts. <i>Journal of Climate</i> , 2021, 34, 4089-4101.	1.2	10
5904	Selecting Indicators and Optimizing Decision Rules for Long-Term Water Resources Planning. <i>Water Resources Research</i> , 2021, 57, e2020WR028117.	1.7	7
5905	A perturbed parameter ensemble of HadGEM3-GC3.05 coupled model projections: part 2: global performance and future changes. <i>Climate Dynamics</i> , 2021, 56, 3437-3471.	1.7	29
5906	Long-Term Trend of Equatorial Atlantic Zonal Sea Surface Temperature Gradient Linked to the Tropical Pacific Cold Tongue Mode Under Global Warming. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017132.	1.0	4
5907	Ocean Salinity Aspects of the Ningaloo Niño. <i>Journal of Climate</i> , 2021, 34, 6141-6161.	1.2	4
5908	Using Climate Model Simulations to Constrain Observations. <i>Journal of Climate</i> , 2021, 34, 6281-6301.	1.2	11
5909	CAS FGOALS-f3-L Large-ensemble Simulations for the CMIP6 Polar Amplification Model Intercomparison Project. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1028-1049.	1.9	4
5910	Explicit versus Parameterized Convection in Response to the Atlantic Meridional Mode. <i>Journal of Climate</i> , 2021, 34, 3343-3354.	1.2	2
5911	The poleward enhanced Arctic Ocean cooling machine in a warming climate. <i>Nature Communications</i> , 2021, 12, 2966.	5.8	35
5912	Observed Influence of Soil Moisture on the North American Monsoon: An Assessment Using the Stepwise Generalized Equilibrium Feedback Assessment Method. <i>Journal of Climate</i> , 2021, , 1-45.	1.2	1
5913	Reductions in the deposition of sulfur and selenium to agricultural soils pose risk of future nutrient deficiencies. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	35
5914	The drivers of extreme rainfall event timing in Australia. <i>International Journal of Climatology</i> , 2021, 41, 6654-6673.	1.5	10
5915	BCC-CSM2-HR: a high-resolution version of the Beijing Climate Center Climate System Model. <i>Geoscientific Model Development</i> , 2021, 14, 2977-3006.	1.3	52
5917	A reduction in the sea surface warming rate in the South China Sea during 1999–2010. <i>Climate Dynamics</i> , 2021, 57, 2093-2108.	1.7	2
5918	The Atlantic's freshwater budget under climate change in the Community Earth System Model with strongly eddying oceans. <i>Ocean Science</i> , 2021, 17, 729-754.	1.3	7
5919	How Does the Arctic Sea Ice Affect the Interannual Variability of Tropical Cyclone Activity Over the Western North Pacific?. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
5920	The Role of Background Meridional Moisture Gradient on the Propagation of the MJO over the Maritime Continent. <i>Journal of Climate</i> , 2021, , 1-54.	1.2	6

#	ARTICLE	IF	CITATIONS
5921	Benchmarking performance changes in the simulation of extratropical modes of variability across CMIP generations. <i>Journal of Climate</i> , 2021, , 1-70.	1.2	6
5922	Mechanisms of Decadal North Atlantic Climate Variability and Implications for the Recent Cold Anomaly. <i>Journal of Climate</i> , 2021, 34, 3421-3439.	1.2	21
5923	Substantial Sea Surface Temperature Cooling in the Banda Sea Associated With the Madden-Julian Oscillation in the Boreal Winter of 2015. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017226.	1.0	4
5924	Skilful decadal predictions of subpolar North Atlantic SSTs using CMIP model-analogues. <i>Environmental Research Letters</i> , 2021, 16, 064090.	2.2	7
5925	Intraspecific variation in polar and nonpolar metabolite profiles of a threatened Caribbean coral. <i>Metabolomics</i> , 2021, 17, 60.	1.4	5
5926	Warm season temperature in the Qinling Mountains (north-central China) since 1740 CE recorded by tree-ring maximum latewood density of Shensi fir. <i>Climate Dynamics</i> , 2021, 57, 2653-2667.	1.7	9
5927	Understanding the hot season dynamics and variability across India. <i>Weather and Climate Extremes</i> , 2021, 32, 100317.	1.6	12
5928	Interannual variability of the frequency of MJO phases and its association with two types of ENSO. <i>Scientific Reports</i> , 2021, 11, 11541.	1.6	10
5929	Different air temperature changes in continental and Mediterranean regions: a case study from two Croatian stations. <i>Theoretical and Applied Climatology</i> , 2021, 145, 1333-1346.	1.3	9
5930	Linkage between autumn sea ice loss and ensuing spring Eurasian temperature. <i>Climate Dynamics</i> , 2021, 57, 2793-2810.	1.7	14
5931	Seasonal Forecast of Non-monsoonal Winter Precipitation over the Eurasian Continent using Machine Learning Models. <i>Journal of Climate</i> , 2021, , 1-42.	1.2	8
5932	Solar activity modulates the El Niño-Southern Oscillation-induced precipitation anomalies over southern China in early spring. <i>International Journal of Climatology</i> , 2021, 41, 6589-6601.	1.5	6
5934	Remote and local drivers of Pleistocene South Asian summer monsoon precipitation: A test for future predictions. <i>Science Advances</i> , 2021, 7, .	4.7	50
5935	Internal atmospheric variability of net surface heat flux in reanalyses and CMIP5 AMIP simulations. <i>International Journal of Climatology</i> , 0, , .	1.5	1
5936	Reexamining the connection of <sc>El Niño and North American</sc> winter climate. <i>International Journal of Climatology</i> , 2021, 41, 6133-6144.	1.5	5
5937	Prediction of Future Extremes During the Northeast Monsoon in the Coastal Districts of Tamil Nadu State in India Based on ENSO. <i>Pure and Applied Geophysics</i> , 2021, 178, 3207-3228.	0.8	3
5938	Long-Lead Seasonal Prediction of Streamflow over the Upper Colorado River Basin: The Role of the Pacific Sea Surface Temperature and Beyond. <i>Journal of Climate</i> , 2021, , 1-47.	1.2	2
5939	Weakened seasonality of the African rainforest precipitation in boreal winter and spring driven by tropical SST variabilities. <i>Geoscience Letters</i> , 2021, 8, .	1.3	2

#	ARTICLE	IF	CITATIONS
5940	Atlantic Ni \pm o/Ni \pm a Prediction Skills in NMME Models. <i>Atmosphere</i> , 2021, 12, 803.	1.0	4
5941	Multidecadal Variability in Mediterranean Sea Surface Temperature and Its Sources. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091814.	1.5	0
5942	Effects of Excessive Equatorial Cold Tongue Bias on the Projections of Tropical Pacific Climate Change. Part II: The Extreme El Ni \pm o Frequency in CMIP5 Multi-Model Ensemble. <i>Atmosphere</i> , 2021, 12, 851.	1.0	2
5943	Interrelations between El Ni \pm o Indices and Major Characteristics of Polar Stratosphere According to CMIP5 Models and Reanalysis. <i>Russian Meteorology and Hydrology</i> , 2021, 46, 351-364.	0.2	4
5944	Changes in the characteristics of North Pacific Jet as a Conduit for U. S. surface air temperature in boreal winter across the late 1990s. <i>Journal of Climate</i> , 2021, , 1-43.	1.2	2
5945	Anthropogenic climate change has changed frequency of past flood during 2010-2013. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	1.1	21
5946	Precipitation influence on and response to early and late Arctic sea ice melt onset during melt season. <i>International Journal of Climatology</i> , 2022, 42, 81-96.	1.5	5
5947	Underestimated marine stratocumulus cloud feedback associated with overly active deep convection in models. <i>Environmental Research Letters</i> , 2021, 16, 074015.	2.2	5
5948	Evolution and connectivity influence the persistence and recovery of coral reefs under climate change in the Caribbean, Southwest Pacific, and Coral Triangle. <i>Global Change Biology</i> , 2021, 27, 4307-4321.	4.2	39
5949	Recent trends in summer atmospheric circulation in the North Atlantic/European region: is there a role for anthropogenic aerosols?. <i>Journal of Climate</i> , 2021, , 1-49.	1.2	5
5950	Evaluation of the Total Column Ozone and Tropospheric Ozone in the CCM1-1 Models over East Asia. <i>Journal of Climate Change Research</i> , 2021, 12, 215-229.	0.1	0
5951	Outsize Influence of Central American Orography on Global Climate. <i>AGU Advances</i> , 2021, 2, e2020AV000343.	2.3	15
5952	Enhanced moisture transport associated with the interdecadal change in winter precipitation over Northwest China. <i>International Journal of Climatology</i> , 0, , .	1.5	3
5953	Improved simulation of 19th- and 20th-century North Atlantic hurricane frequency after correcting historical sea surface temperatures. <i>Science Advances</i> , 2021, 7, .	4.7	13
5954	Reexamining the Indian Summer Monsoon Rainfallâ€“ENSO Relationship From Its Recovery in the 21 st Century: Role of the Indian Ocean SST Anomaly Associated With Types of ENSO Evolution. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092873.	1.5	20
5955	The Atlantic Multidecadal Variability Phase Dependence of Teleconnection between the North Atlantic Oscillation in February and the Tibetan Plateau in March. <i>Journal of Climate</i> , 2021, 34, 4227-4242.	1.2	8
5956	Possible impacts of December Laptev sea ice on Indian Ocean Dipole conditions during spring. <i>Journal of Climate</i> , 2021, , 1-45.	1.2	7
5957	Seasonal predictability of Ethiopian Kiremt rainfall and forecast skill of ECMWF's SEAS5 model. <i>Climate Dynamics</i> , 2021, 57, 3075-3091.	1.7	18

#	ARTICLE	IF	CITATIONS
5958	Possible mechanisms for persistent anomalous rainfall over the middle and lower reaches of Yangtze River in winter 2018/2019. <i>International Journal of Climatology</i> , 2021, 41, 6324-6335.	1.5	6
5959	A Novel Initialization Technique for Decadal Climate Predictions. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	3
5960	Improvement in the Prediction of Summer Precipitation in the North China~Hetao Region Using the Tropospheric Temperature Over the Tibetan Plateau in Spring. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2
5961	Relative contributions of internal atmospheric variability and surface processes to the interannual variations in wintertime Arctic surface air temperatures. <i>Journal of Climate</i> , 2021, , 1-48.	1.2	4
5962	Evaluating the performance of regional climate models to simulate the US drought and its connection with El Nino Southern Oscillation. <i>Theoretical and Applied Climatology</i> , 2021, 145, 1259-1273.	1.3	6
5963	Persistent Multidecadal Variability Since the 15th Century in the Southern Barents Sea Derived From Annually Resolved Shell-Based Records. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017074.	1.0	8
5964	Long-term climatic water availability trends and variability across the African continent. <i>Theoretical and Applied Climatology</i> , 2021, 146, 1-17.	1.3	6
5965	The impact of tropical Atlantic SST variability on the tropical atmosphere during boreal summer. <i>Journal of Climate</i> , 2021, , 1-57.	1.2	6
5966	Atlantic Multidecadal Oscillation Drives Interdecadal Pacific Variability via Tropical Atmospheric Bridge. <i>Journal of Climate</i> , 2021, 34, 5543-5553.	1.2	14
5967	Sclerochronology in the Southern Ocean. <i>Polar Biology</i> , 2021, 44, 1485-1515.	0.5	1
5968	Bjerknes compensation in a coupled global box model. <i>Climate Dynamics</i> , 2021, 57, 3569-3582.	1.7	0
5969	Historical abundance and distributions of <i>Salpa thompsoni</i> hot spots in the Southern Ocean and projections for further ocean warming. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 2095-2102.	0.9	3
5970	The SALTENA Experiment: Comprehensive Observations of Aerosol Sources, Formation, and Processes in the South American Andes. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E212-E229.	1.7	9
5971	The sudden stratospheric warming in January 2021. <i>Environmental Research Letters</i> , 2021, 16, 084029.	2.2	40
5972	ENSO phase-locking biases from the CMIP5 to CMIP6 models and a possible explanation. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 189-190, 104943.	0.6	13
5973	Present and future aerosol impacts on Arctic climate change in the GISS-E2.1 Earth system model. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10413-10438.	1.9	12
5974	Persistence and breakdown of the western North Pacific anomalous anticyclone during the EP and CP El Niño decaying spring. <i>Climate Dynamics</i> , 2021, 57, 3529-3544.	1.7	6
5975	Skilful prediction of cod stocks in the North and Barents Sea a decade in advance. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	14

#	ARTICLE	IF	CITATIONS
5976	Standard assessments of climate forecast skill can be misleading. <i>Nature Communications</i> , 2021, 12, 4346.	5.8	27
5977	Pacific North Equatorial Current bifurcation latitude and Kuroshio Current shifts since the Last Glacial Maximum inferred from a Sulu Sea thermocline reconstruction. <i>Quaternary Science Reviews</i> , 2021, 264, 106999.	1.4	9
5979	Melt Pond Scheme Parameter Estimation Using an Adjoint Model. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1525.	1.9	1
5980	Deriving Arctic 2m air temperatures over snow and ice from satellite surface temperature measurements. <i>Cryosphere</i> , 2021, 15, 3035-3057.	1.5	14
5981	Distinct Onset Mechanisms of Two Subtypes of CP El Niño and Their Changes in Future Warming. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093707.	1.5	13
5982	Characterizing unforced decadal climate variability in global climate model large ensembles. <i>Climate Dynamics</i> , 2022, 58, 211-222.	1.7	2
5983	Pacific contribution to decadal surface temperature trends in the Arctic during the twentieth century. <i>Climate Dynamics</i> , 2021, 57, 3223-3243.	1.7	6
5984	Heat and freshwater changes in the Indian Ocean region. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 525-541.	12.2	14
5985	ENSO Influence on Western European summer and fall Temperatures. <i>Journal of Climate</i> , 2021, , 1-51.	1.2	6
5986	Interdecadal Shift of the Relationship between ENSO and Winter Synoptic Temperature Variability over the Asian-Pacific American Region in the 1980s. <i>Journal of Climate</i> , 2021, 34, 5321-5335.	1.2	10
5987	Reversing Sahelian Droughts. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093129.	1.5	3
5988	State of the UK Climate 2020. <i>International Journal of Climatology</i> , 2021, 41, 1-76.	1.5	48
5989	Dominant Modes of Interannual Variability in Atmospheric Water Vapor Content over East Asia during Winter and Their Associated Mechanisms. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1706-1722.	1.9	4
5990	Regional and Local Impacts of the ENSO and IOD Events of 2015 and 2016 on the Indian Summer Monsoon—A Bhutan Case Study. <i>Atmosphere</i> , 2021, 12, 954.	1.0	10
5991	Surface pH Record (1990–2013) of the Arabian Sea From Boron Isotopes of Lakshadweep Corals—Trend, Variability, and Control. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006122.	1.3	11
5992	The joint impacts of Atlantic and Pacific multidecadal variability on South American precipitation and temperature. <i>Journal of Climate</i> , 2021, , 1-55.	1.2	7
5993	Detectable anthropogenic changes in daily-scale circulations driving summer rainfall shifts over eastern China. <i>Environmental Research Letters</i> , 2021, 16, 074044.	2.2	6
5994	Nonstationary Responses of Demersal Fishes to Environmental Variations in Temperate Waters of the Northwestern North Pacific under a Changing Climate. <i>Fishes</i> , 2021, 6, 22.	0.7	1

#	ARTICLE	IF	CITATIONS
5995	On the relationship between ENSO diversity and the ENSO atmospheric teleconnection to high latitudes. <i>International Journal of Climatology</i> , 2022, 42, 1303-1325.	1.5	8
5996	Evaluation of the Performance of CMIP5 and CMIP6 Models in Simulating the Victoria Mode-El Niño Relationship. <i>Journal of Climate</i> , 2021, 34, 7625-7644.	1.2	6
5997	Associated atmospheric mechanisms for the increased cold season precipitation over the Three-River Headwaters region from the late 1980s. <i>Journal of Climate</i> , 2021, , 1.	1.2	5
5998	Accelerated sea ice loss in the Wandel Sea points to a change in the Arctic's Last Ice Area. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	20
5999	Meteorological Impact on Winter PM _{2.5} Pollution in Delhi: Present and Future Projection Under a Warming Climate. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093722.	1.5	11
6000	Decreases in relative humidity across Australia. <i>Environmental Research Letters</i> , 2021, 16, 074023.	2.2	18
6001	Sea Surface Temperature Intercomparison in the Framework of the Copernicus Climate Change Service (C3S). <i>Journal of Climate</i> , 2021, 34, 5257-5283.	1.2	29
6002	Relationship between cross-equatorial flows over the Bay of Bengal and Australia in boreal summer: Role of tropical diabatic heating. <i>Atmospheric and Oceanic Science Letters</i> , 2021, , 100100.	0.5	0
6003	Influence of Arctic sea-ice loss on the Greenland ice sheet climate. <i>Climate Dynamics</i> , 2022, 58, 179-193.	1.7	3
6004	Performance of the Taiwan Earth System Model in Simulating Climate Variability Compared With Observations and CMIP6 Model Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002353.	1.3	31
6005	Interdecadal changes in the interannual variability of the summer temperature over Northeast Asia. <i>Journal of Climate</i> , 2021, , 1-50.	1.2	4
6006	Influences of North Pacific anomalies on Indian summer monsoon onset. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 3111-3123.	1.0	3
6007	Hydroclimate Dipole Drives Multi-Centennial Variability in the Western Tropical North Atlantic Margin During the Middle and Late Holocene. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004184.	1.3	6
6008	ATTRICI v1.1 – counterfactual climate for impact attribution. <i>Geoscientific Model Development</i> , 2021, 14, 5269-5284.	1.3	34
6009	Estimation of maximum seasonal tropical cyclone damage in the Atlantic using climate models. <i>Natural Hazards</i> , 0, , 1.	1.6	1
6010	Decadal changes of connections among late-spring snow cover in West Siberia, summer Eurasia teleconnection and related meteorology in North China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11519-11530.	1.9	4
6011	Influences of central Pacific warming on synoptic-scale wave intensity over the northwest Pacific. <i>Climate Dynamics</i> , 2022, 58, 555-567.	1.7	10
6012	Investigating Predictability of the TRHR Seasonal Precipitation at Long Lead Times Using a Generalized Regression Model with Regularization. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2

#	ARTICLE	IF	CITATIONS
6013	Influence of El Niño decaying pace on low latitude tropical cyclogenesis over the western North Pacific. <i>International Journal of Climatology</i> , 2022, 42, 1038-1048.	1.5	4
6014	Reinitializing Sea Surface Temperature in the Ensemble Intermediate Coupled Model for Improved Forecasts. <i>Axioms</i> , 2021, 10, 189.	0.9	2
6015	Mitigation of the double ITCZ syndrome in BCC-CSM2-MR through improving parameterizations of boundary-layer turbulence and shallow convection. <i>Geoscientific Model Development</i> , 2021, 14, 5183-5204.	1.3	5
6017	Critical transitions and ecological resilience of large marine ecosystems in the Northwestern Pacific in response to global warming. <i>Global Change Biology</i> , 2021, 27, 5310-5328.	4.2	16
6018	A Comparison of Tropical Cyclone Projections in a High-resolution Global Climate Model and from Downscaling by Statistical and Statistical-deterministic Methods. <i>Journal of Climate</i> , 2021, , 1-48.	1.2	6
6019	Greenhouse warming intensifies north tropical Atlantic climate variability. <i>Science Advances</i> , 2021, 7, .	4.7	26
6020	Enhanced joint effects of ENSO and IOD on Southeast China winter precipitation after 1980s. <i>Climate Dynamics</i> , 2022, 58, 277-292.	1.7	14
6021	Linking AMOC Variations With the Multidecadal Seesaw in Tropical Cyclone Activity Between Eastern North Pacific and Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017308.	1.0	2
6022	Spatiotemporal Variations of Spring Indices in China and Their Physical Mechanisms. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006356.	1.3	1
6023	Environmental Factors Controlling the Precipitation in California. <i>Atmosphere</i> , 2021, 12, 997.	1.0	5
6024	An effective downscaling model for operational prediction of summer precipitation over China. <i>Atmospheric Research</i> , 2021, 257, 105621.	1.8	8
6025	Anthropogenic influence on Northern Hemisphere blocking during the winter 1960/1961â€“2012/2013. <i>Environmental Research Letters</i> , 2021, 16, 094029.	2.2	1
6026	Removing the Effects of Tropical Dynamics from North Pacific Climate Variability. <i>Journal of Climate</i> , 2021, , 1-49.	1.2	10
6027	Observed changes in seasonal drought characteristics and their possible potential drivers over Pakistan. <i>International Journal of Climatology</i> , 2022, 42, 1576-1596.	1.5	45
6028	The development of long temperature and precipitation series for Ascension Island. <i>International Journal of Climatology</i> , 0, , .	1.5	0
6029	Distinct Interdecadal Change Contrasts Between Summer and Autumn in Latitudeâ€“Longitude Covariability of Northwest Pacific Typhoon Genesis Locations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093494.	1.5	5
6030	East Asian climate response to COVID-19 lockdown measures in China. <i>Scientific Reports</i> , 2021, 11, 16852.	1.6	10
6031	Observation-based early-warning signals for a collapse of the Atlantic Meridional Overturning Circulation. <i>Nature Climate Change</i> , 2021, 11, 680-688.	8.1	163

#	ARTICLE	IF	CITATIONS
6032	How much has the Sun influenced Northern Hemisphere temperature trends? An ongoing debate. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 131.	0.7	43
6033	The Pacific Decadal Oscillation Modulates Tropical Cyclone Days on the Interannual Timescale in the North Pacific Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034988.	1.2	6
6034	Robust decrease in El Niño/Southern Oscillation amplitude under long-term warming. <i>Nature Climate Change</i> , 2021, 11, 752-757.	8.1	31
6035	A Bayesian Machine Learning Algorithm for Predicting ENSO Using Short Observational Time Series. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093704.	1.5	3
6036	Diverse Responses of Global Mean Surface Temperature to External Forcings and Internal Climate Variability in Observations and CMIP6 Models. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093194.	1.5	3
6037	Changing El Niño–Southern Oscillation in a warming climate. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 628-644.	12.2	197
6038	Dominant modes of interannual variability of winter fog days over eastern China and their association with major SST variability. <i>Climate Dynamics</i> , 0, , 1.	1.7	1
6039	Footprints of Pacific Decadal Oscillation in the interdecadal variation of Consecutive Cloudy/Rainy Events in Southern China. <i>Atmospheric Research</i> , 2021, 257, 105609.	1.8	10
6040	Different Responses of Phytoplankton to the ENSO in Two Upwelling Systems of the South China Sea. <i>Estuaries and Coasts</i> , 2022, 45, 485-500.	1.0	9
6041	Holocene Evolution of Sea Surface Temperature and Salinity in the Gulf of Mexico. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004221.	1.3	8
6042	Future high-resolution El Niño/Southern Oscillation dynamics. <i>Nature Climate Change</i> , 2021, 11, 758-765.	8.1	58
6043	Impact of climate variability of the Western Tropical Pacific on maximum salinity water in the South China Sea. <i>Ocean Dynamics</i> , 2021, 71, 1033-1049.	0.9	0
6044	Effects of Tropical Sea Surface Temperature Variability on Northern Hemisphere Tropical Cyclone Genesis. <i>Journal of Climate</i> , 2022, 35, 4719-4739.	1.2	8
6045	“Beyond Weather Regimes” Descriptors Monitoring Atmospheric Centers of Action. A case study for Aotearoa New Zealand. <i>Journal of Climate</i> , 2021, , 1-50.	1.2	4
6046	Intensification and Northward extension of Northwest Pacific anomalous anticyclone in El Niño decaying mid-summer: an energetic perspective. <i>Climate Dynamics</i> , 2022, 58, 591-606.	1.7	14
6047	Tropical teleconnection impacts on Antarctic climate changes. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 680-698.	12.2	85
6048	Coastal tree-ring records for paleoclimate and paleoenvironmental applications in North America. <i>Quaternary Science Reviews</i> , 2021, 265, 107044.	1.4	7
6049	Opposite responses of the Indian Ocean to the thermal forcing of the Tibetan Plateau before and after the onset of the South Asian monsoon. <i>Journal of Climate</i> , 2021, , 1-56.	1.2	1

#	ARTICLE	IF	CITATIONS
6050	Resampling of ENSO teleconnections: accounting for cold-season evolution reduces uncertainty in the North Atlantic. <i>Weather and Climate Dynamics</i> , 2021, 2, 759-776.	1.2	8
6051	Inter-decadal variability of the heat source over the Tibetan Plateau. <i>Climate Dynamics</i> , 2022, 58, 729-739.	1.7	4
6052	Connection between interannual variation of spring precipitation in Northeast China and preceding winter sea ice over the Barents Sea. <i>International Journal of Climatology</i> , 2022, 42, 1922-1936.	1.5	6
6053	Event attribution of Parna�ba River floods in Northeastern Brazil. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	0.9	3
6054	Causal effect of the tropical Pacific sea surface temperature on the Upper Colorado River Basin spring precipitation. <i>Climate Dynamics</i> , 2022, 58, 941-959.	1.7	5
6055	Impact of the Stratospheric Ozone on the Northern Hemisphere Surface Climate During Boreal Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034958.	1.2	1
6056	Mechanism for Southward Shift of Zonal Wind Anomalies During the Mature Phase of ENSO. <i>Journal of Climate</i> , 2021, , 1-45.	1.2	2
6057	Influence of the NAO on Wintertime Surface Air Temperature over East Asia: Multidecadal Variability and Decadal Prediction. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 625-642.	1.9	30
6058	Decreasing Trend of Western North Pacific Tropical Cyclone Inner-Core Size over the Past Decades. <i>Journal of Meteorological Research</i> , 2021, 35, 635-645.	0.9	4
6059	Assessment of temperature extremes and climate change impacts in Singapore, 1982�2018. <i>Singapore Journal of Tropical Geography</i> , 2021, 42, 378-396.	0.6	5
6060	Regional sea level changes in the Indian shelf sea and its association with SST anomalies. <i>Regional Studies in Marine Science</i> , 2021, 47, 101992.	0.4	4
6061	Assessing multiproxy approaches (Sr/Ca, U/Ca, Li/Mg, and B/Mg) to reconstruct sea surface temperature from coral skeletons throughout the Great Barrier Reef. <i>Science of the Total Environment</i> , 2021, 786, 147393.	3.9	4
6062	Enhanced climate variability during the last millennium recorded in alkenone sea surface temperatures of the northwest Pacific margin. <i>Global and Planetary Change</i> , 2021, 204, 103558.	1.6	0
6063	Investigating the Causes and Impacts of Convective Aggregation in a High Resolution Atmospheric GCM. <i>Journal of Advances in Modeling Earth Systems</i> , 0, , e2021MS002675.	1.3	1
6064	Remote influence of the interannual variability of the Australian summer monsoon on wintertime climate in East Asia and the western North Pacific. <i>Journal of Climate</i> , 2021, , 1-54.	1.2	3
6065	Temporal Variability and Predictability of Intense Cyclones in the Western and Eastern Mediterranean. <i>Atmosphere</i> , 2021, 12, 1218.	1.0	1
6066	A Multicentennial Proxy Record of Northeast Pacific Sea Surface Temperatures From the Annual Growth Increments of <i>Panopea generosa</i> . <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004291.	1.3	5
6067	On the Regionality of Moist Kelvin Waves and the MJO: The Critical Role of the Background Zonal Flow. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2021MS002528.	1.3	8

#	ARTICLE	IF	CITATIONS
6068	Has the risk of a 1976 north-west European summer drought and heatwave event increased since the 1970s because of climate change?. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 4143-4162.	1.0	6
6069	Skeletal Growth Response of <i>Porites</i> Coral to Long-Term Ocean Warming and Acidification in the South China Sea. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006423.	1.3	4
6070	Strengthened Impacts of November Snow Cover Over Siberia on the Out-of-phase Change in the Siberian High Between December and January Since 2000 and Implication for Intraseasonal Climate Prediction. Frontiers in Earth Science, 2021, 9, .	0.8	2
6071	Abrupt Common Era hydroclimate shifts drive west Greenland ice cap change. Nature Geoscience, 2021, 14, 756-761.	5.4	9
6072	Climate Precursors of Satellite Water Marker Index for Spring Cholera Outbreak in Northern Bay of Bengal Coastal Regions. International Journal of Environmental Research and Public Health, 2021, 18, 10201.	1.2	0
6073	Contributions of Human Activities and Climatic Variability to Changes in River Rwizi Flows in Uganda, East Africa. Hydrology, 2021, 8, 145.	1.3	4
6074	How Do Multiscale Interactions Affect Extreme Precipitation in Eastern Central Asia?. Journal of Climate, 2021, 34, 7475-7491.	1.2	21
6075	Temporospatial distribution and trends of thunderstorm, hail, gale and heavy precipitation events over the Tibetan Plateau and associated mechanisms. Journal of Climate, 2021, , 1-74.	1.2	4
6076	The inherent uncertainty of precipitation variability, trends, and extremes due to internal variability, with implications for Western US water resources. Journal of Climate, 2021, , 1-46.	1.2	12
6077	European extreme precipitation: The effects of spatio-temporal resolution of the data. Weather and Climate Extremes, 2021, 33, 100337.	1.6	2
6078	Diverse impacts of Indian Ocean Dipole on El Niño-Southern Oscillation. Journal of Climate, 2021, , 1-46.	1.2	0
6079	Mean-State Dependence of CO ₂ -Forced Tropical Atlantic Sector Climate Change. Geophysical Research Letters, 2021, 48, e2021GL093803.	1.5	4
6080	A new approach for location-specific seasonal outlooks of typhoon and super typhoon frequency across the Western North Pacific region. Scientific Reports, 2021, 11, 19439.	1.6	8
6081	El Niño Pacing Orchestrates Inter-Basin Pacific-Indian Ocean Interannual Connections. Geophysical Research Letters, 2021, 48, e2021GL095242.	1.5	6
6082	Drivers of exceptional coastal warming in the northeastern United States. Nature Climate Change, 2021, 11, 854-860.	8.1	23
6083	Cyclostationary EOF Modes of Antarctic Sea Ice and Their Application in Prediction. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017179.	1.0	1
6084	Evaluation of the Performance of CMIP5 and CMIP6 Models in Simulating the Victoria Mode-El Niño Relationship. Journal of Climate, 2021, 34, 7625-7644.	1.2	6
6085	Linking Arctic variability and change with extreme winter weather in the United States. Science, 2021, 373, 1116-1121.	6.0	145

#	ARTICLE	IF	CITATIONS
6086	Meridional Tripole Mode of Winter Precipitation over the Arctic and Continental North Africaâ€Eurasia. <i>Journal of Climate</i> , 2021, , 1.	1.2	1
6087	Natural and Anthropogenic Forcing of Multiâ€Decadal to Centennial Scale Variability of Sea Surface Temperature in the South China Sea. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004233.	1.3	8
6088	Distinct Tropospheric and Stratospheric Mechanisms Linking Historical Barentsâ€Kara Seaâ€Ice Loss and Late Winter Eurasian Temperature Variability. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095262.	1.5	11
6089	Multidecadal Variations in the East Asian Winter Monsoon and Their Relationship with the Atlantic Multidecadal Oscillation since 1850. <i>Journal of Climate</i> , 2021, 34, 7525-7539.	1.2	13
6090	Regional imprints of changes in the Atlantic Meridional Overturning Circulation in the eddy-rich ocean model VIKING20X. <i>Ocean Science</i> , 2021, 17, 1177-1211.	1.3	31
6091	Temperature and Patterns of Occurrence and Abundance of Key Copepod Taxa in the Northeast Pacific. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
6092	Emerging Skill in Multi-Year Prediction of the Indian Ocean Dipole. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	8
6093	An Overview of Ocean Climate Change Indicators: Sea Surface Temperature, Ocean Heat Content, Ocean pH, Dissolved Oxygen Concentration, Arctic Sea Ice Extent, Thickness and Volume, Sea Level and Strength of the AMOC (Atlantic Meridional Overturning Circulation). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	67
6094	Effects of Whole SST Anomaly in the Tropical Indian Ocean on Summer rainfall Over Central Asia. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	8
6095	Understanding Interannual Variations of the Local Rainy Season over the Southwest Indian Ocean. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1852-1862.	1.9	2
6096	The â€Hockey Stickâ€Imprint in Northwest African Speleothems. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094232.	1.5	1
6097	Diversity in the Persistence of El NiÃ±o Events Over the Last Millennium. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093698.	1.5	4
6098	The biogeographic differentiation of algal microbiomes in the upper ocean from pole to pole. <i>Nature Communications</i> , 2021, 12, 5483.	5.8	29
6099	Changes in the <sc>ENSOâ€ISMR</sc> relationship in the historical and future projection periods based on coupled models. <i>International Journal of Climatology</i> , 2022, 42, 2225-2245.	1.5	2
6100	Interdecadal Linkage Between the Winter Northern Hemisphere Climate and Arctic Sea Ice of Diverse Location and Seasonality. <i>Frontiers in Earth Science</i> , 0, 9, .	0.8	2
6101	Impacts of CP- and EP-El NiÃ±o events on the Antarctic sea ice in austral spring. <i>Journal of Climate</i> , 2021, , 1-76.	1.2	5
6102	Climatic Drivers of Deglacial SST Variability in the Eastern Pacific. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004264.	1.3	3
6103	The ERA5 global reanalysis: Preliminary extension to 1950. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 4186-4227.	1.0	189

#	ARTICLE	IF	CITATIONS
6104	Minimal impact of model biases on Northern Hemisphere El Niño/Southern Oscillation teleconnections. <i>Weather and Climate Dynamics</i> , 2021, 2, 913-925.	1.2	3
6105	A mechanism of spring Barents Sea ice effect on the extreme summer droughts in northeastern China. <i>Climate Dynamics</i> , 2022, 58, 1033-1048.	1.7	14
6106	Spatio-temporal domains of wildfire-prone teleconnection patterns in the Western Mediterranean Basin. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094238.	1.5	10
6107	The South Pacific Pressure Trend Dipole and the Southern Blob. <i>Journal of Climate</i> , 2021, 34, 7661-7676.	1.2	26
6108	Decadal and Multidecadal Variability in ERSSTv5 Global SST during 1879–2018. <i>Journal of Climate</i> , 2021, 34, 7461-7473.	1.2	1
6109	Present and future relations between ENSO and winter synoptic temperature variability over the Asian-Pacific-American region simulated by CMIP5/6. <i>Journal of Climate</i> , 2021, , 1-49.	1.2	1
6110	Effects of strongly eddying oceans on multidecadal climate variability in the Community Earth System Model. <i>Ocean Science</i> , 2021, 17, 1251-1271.	1.3	7
6111	Planktic foraminiferal changes in the western Mediterranean Anthropocene. <i>Global and Planetary Change</i> , 2021, 204, 103549.	1.6	5
6112	East Asian Summer Monsoon Rainfall Anomalies in 2020 and the Role of Northwest Pacific Anticyclone on the Intraseasonal to Interannual Timescales. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034607.	1.2	5
6113	Impacts of Diverse El Niño Events on North Tropical Atlantic Warming in Their Decaying Springs. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017514.	1.0	6
6114	Skilful seasonal predictions of global monsoon summer precipitation with DePreSys3. <i>Environmental Research Letters</i> , 2021, 16, 104035.	2.2	6
6115	Impact of global cooling on Early Cretaceous high pCO ₂ world during the Weissert Event. <i>Nature Communications</i> , 2021, 12, 5411.	5.8	32
6116	Skillful decadal prediction of unforced southern European summer temperature variations. <i>Environmental Research Letters</i> , 2021, 16, 104017.	2.2	9
6118	East Australian Cyclones and Air-Sea Feedbacks. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034391.	1.2	0
6119	Understanding Lead Times of Warm Water Volumes to ENSO Sea Surface Temperature Anomalies. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094366.	1.5	7
6120	Assessment and Intercomparison of NOAA Daily Optimum Interpolation Sea Surface Temperature (DOISST) Version 2.1. <i>Journal of Climate</i> , 2021, 34, 7421-7441.	1.2	35
6121	Enhanced North Pacific impact on El Niño/Southern Oscillation under greenhouse warming. <i>Nature Climate Change</i> , 2021, 11, 840-847.	8.1	34
6122	Decadal climate variability in the tropical Pacific: Characteristics, causes, predictability, and prospects. <i>Science</i> , 2021, 374, eaay9165.	6.0	92

#	ARTICLE	IF	CITATIONS
6123	Changing Impact of ENSO Events on the Following Summer Rainfall in Eastern China since the 1950s. <i>Journal of Climate</i> , 2021, 34, 8105-8123.	1.2	21
6125	A skillful prediction scheme for April precipitation over central East China. <i>Atmospheric Research</i> , 2021, 261, 105737.	1.8	2
6126	A novel subtropical oscillation observed between North Pacific and North Atlantic during boreal summer. <i>Atmospheric Research</i> , 2021, 260, 105712.	1.8	0
6127	Interdecadal Variations of Different Types of Summer Heat Waves in Northeast China Associated with AMO and PDO. <i>Journal of Climate</i> , 2021, 34, 7783-7797.	1.2	14
6128	Joint effects of three oceans on the 2020 super meiâ€šyu. <i>Atmospheric and Oceanic Science Letters</i> , 2022, 15, 100127.	0.5	15
6129	The Interaction between the Nocturnal Amazonian Low-Level Jet and Convection in CESM. <i>Journal of Climate</i> , 2021, 34, 8519-8532.	1.2	1
6130	Local and global environmental drivers of growth chronologies in a demersal fish in the south-eastern Pacific Ocean. <i>Ecological Indicators</i> , 2021, 131, 108151.	2.6	2
6131	Roles of the North Indian Ocean SST and Tropical North Atlantic SST in the Latitudinal Extension of the Anomalous Western North Pacific Anticyclone during the El NiÃ±o Decaying Summer. <i>Journal of Climate</i> , 2021, 34, 8503-8517.	1.2	10
6132	Vulnerability of marine fisheries to sea surface temperature and cyclonic events: Evidences across coastal India. <i>Regional Studies in Marine Science</i> , 2021, 48, 102002.	0.4	3
6133	Potential mechanisms governing the variation in rain/snow frequency over the northern Antarctic Peninsula during austral summer. <i>Atmospheric Research</i> , 2021, 263, 105811.	1.8	2
6134	The variability and teleconnections of meteorological drought in the Indian summer monsoon season: Implications for staple crop production. <i>Journal of Hydrology</i> , 2021, 603, 126845.	2.3	12
6135	Variable transformations in the spectral domain â€” Implications for hydrologic forecasting. <i>Journal of Hydrology</i> , 2021, 603, 126816.	2.3	3
6136	An assessment of tropical cyclones in North American CORDEX WRF simulations. <i>Weather and Climate Extremes</i> , 2021, 34, 100382.	1.6	4
6137	Rebound in functional distinctiveness following warming and reduced fishing in the North Sea. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20201600.	1.2	14
6138	The relative roles of decadal climate variations and changes in the ocean observing system on seasonal prediction skill of tropical Pacific SST. <i>Climate Dynamics</i> , 2021, 56, 3045-3063.	1.7	6
6139	Interdecadal Change in the Relationship Between the Bay of Bengal Summer Monsoon and South China Sea Summer Monsoon Onset. <i>Frontiers in Earth Science</i> , 2021, 8, .	0.8	11
6140	Possible contribution of the PDO to the eastward retreat of the western pacific subtropical high. <i>Atmospheric and Oceanic Science Letters</i> , 2021, 14, 100005.	0.5	7
6141	Relating model bias and prediction skill in the equatorial Atlantic. <i>Climate Dynamics</i> , 2021, 56, 2617-2630.	1.7	14

#	ARTICLE	IF	CITATIONS
6142	Thermodynamic Scaling of Extreme Daily Precipitation over the Tropical Ocean from Satellite Observations. <i>Journal of the Meteorological Society of Japan</i> , 2021, 99, 423-436.	0.7	5
6143	Insights into the molecular composition of semi-volatile aerosols in the summertime central Arctic Ocean using FIGAERO-CIMS. <i>Environmental Science Atmospheres</i> , 2021, 1, 161-175.	0.9	18
6144	Projected near-term changes in temperature extremes over China in the mid-twenty-first century and underlying physical processes. <i>Climate Dynamics</i> , 2021, 56, 1879-1894.	1.7	7
6145	Improved Decadal Predictions of North Atlantic Subpolar Gyre SST in CMIP6. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091307.	1.5	43
6146	Global wave number-4 pattern in the southern subtropical sea surface temperature. <i>Scientific Reports</i> , 2021, 11, 142.	1.6	8
6147	How can the winter North Atlantic Oscillation influence the early summer precipitation in Northeast Asia: effect of the Arctic sea ice. <i>Climate Dynamics</i> , 2021, 56, 1989-2005.	1.7	26
6148	Important role of North Atlantic air-sea coupling in the interannual predictability of summer precipitation over the eastern Tibetan Plateau. <i>Climate Dynamics</i> , 2021, 56, 1433-1448.	1.7	7
6149	Understanding the signal-to-noise paradox in decadal climate predictability from CMIP5 and an eddy global coupled model. <i>Climate Dynamics</i> , 2021, 56, 2895-2913.	1.7	17
6150	A Linear Inverse Model of Tropical and South Pacific Climate Variability: Optimal Structure and Stochastic Forcing. <i>Journal of Climate</i> , 2021, 34, 143-155.	1.2	5
6151	Updating regionalization of precipitation in Ecuador. <i>Theoretical and Applied Climatology</i> , 2021, 143, 1513-1528.	1.3	23
6152	On the Formation Mechanism of the Seasonal Persistence Barrier. <i>Journal of Climate</i> , 2021, 34, 479-494.	1.2	5
6153	Large-scale features of Last Interglacial climate: results from evaluating the <i>CCSM</i> simulations for the Coupled Model Intercomparison Project (CMIP6) Paleoclimate Modeling Intercomparison Project (PMIP4). <i>Climate of the Past</i> , 2021, 17, 63-94.	1.3	76
6154	Historical Estimates of Surface Marine Temperatures. <i>Annual Review of Marine Science</i> , 2021, 13, 283-311.	5.1	15
6155	The Indo-western Pacific Ocean capacitor effect. , 2021, , 141-169.		9
6156	The Atlantic Multidecadal Oscillation and Indian summer monsoon variability: a revisit. , 2021, , 353-374.		2
6157	Response of the positive Indian Ocean dipole to climate change and impact on Indian summer monsoon rainfall. , 2021, , 413-432.		1
6158	Global Climate Pattern Impacts on Long-Term Olive Yields in Northwestern Africa: Case from Souss-Massa Region. <i>Sustainability</i> , 2021, 13, 1340.	1.6	8
6159	Tropical Indo-Pacific Compounding Thermal Conditions Drive the 2019 Australian Extreme Drought. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090323.	1.5	18

#	ARTICLE	IF	CITATIONS
6160	Tropical Indian Ocean and ENSO relationships in a changed climate. <i>Climate Dynamics</i> , 2021, 56, 3255-3276.	1.7	15
6161	Forcing Processes of the Summertime Circumglobal Teleconnection Pattern in a Dry AGCM. <i>Journal of Climate</i> , 2010, 23, 2093-2114.	1.2	58
6162	Modulation of monsoon intraseasonal oscillations in the recent warming period. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 5185-5203.	1.2	40
6163	Observed warming trend in sea surface temperature at tropical cyclone genesis. <i>Geophysical Research Letters</i> , 2017, 44, 1034-1040.	1.5	17
6164	Kittiwake breeding success in the southern North Sea correlates with prior sandeel fishing mortality. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 1164-1175.	0.9	19
6165	The linearity of the El Niño teleconnection to the Amundsen Sea region. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 1169-1183.	1.0	9
6166	Wavelet-Lag Regression Analysis of Atlantic Tropical Cyclones. , 2009, , 139-152.		1
6167	Constraints on Predicting Coral Reef Response to Climate Change. , 2007, , 386-424.		7
6168	On Selected Issues and Challenges in Dendroclimatology. <i>Landscape Series</i> , 2007, , 113-132.	0.1	10
6169	Global warming and the summertime evapotranspiration regime of the Alpine region. , 2006, , 65-78.		1
6170	Arctic Sea Ice Data Sets in the Context of Climate Change During the 20th Century. , 2008, , 47-63.		6
6171	The Evolving SST Record from ICOADS. , 2008, , 65-83.		22
6172	Arctic Sea Ice Variability During the Last Half Century. , 2008, , 143-154.		4
6173	Simulating the Terms in the Arctic Hydrological Budget. , 2008, , 363-384.		7
6174	Ecological hindcasting of biogeographic responses to climate change in the European intertidal zone. , 2008, , 139-151.		3
6175	Climate Change Projection over Turkey with a High-Resolution Atmospheric General Circulation Model. <i>The Anthropocene: Politik - Economics - Society - Science</i> , 2019, , 19-32.	0.2	1
6176	Recent Change in Atmosphere. <i>Regional Climate Studies</i> , 2016, , 55-84.	1.2	10
6177	Recent Change in North Sea. <i>Regional Climate Studies</i> , 2016, , 85-136.	1.2	9

#	ARTICLE	IF	CITATIONS
6178	Worldwide Marine Fog Occurrence and Climatology. Springer Atmospheric Sciences, 2017, , 7-152.	0.4	21
6179	Response and Adaptation to Climate Change in the South China Sea and Coral Sea. Climate Change Management, 2017, , 163-176.	0.6	4
6180	Climate Variability and Change: Monitoring Data and Evidence for Increased Coral Bleaching Stress. Ecological Studies, 2009, , 41-67.	0.4	90
6181	The MAGS Regional Climate Modeling System: CRCM-MAGS. , 2008, , 433-450.		1
6182	Statistical Forecasting of Indian Summer Monsoon Rainfall: An Enduring Challenge. , 0, , 207-224.		2
6183	Remote Sensing: A tool for managing marine pollution in the Gulf. , 2008, , 131-145.		2
6184	Climate Change and Coral Reefs. Encyclopedia of Earth Sciences Series, 2011, , 198-210.	0.1	4
6185	Large Scale Features Affecting Ethiopian Rainfall. Advances in Global Change Research, 2011, , 13-50.	1.6	21
6186	Ethiopian Rainfall in Climate Models. Advances in Global Change Research, 2011, , 51-69.	1.6	9
6187	The Rise of Killer Whales as a Major Arctic Predator. , 2010, , 117-136.		49
6188	Simulation of Particle Precipitation Effects on the Atmosphere with the MESSy Model System. Springer Atmospheric Sciences, 2013, , 301-316.	0.4	9
6189	Prediction from Weeks to Decades. , 2013, , 205-235.		13
6190	Circulation and Climatic Anomalies. Springer Atmospheric Sciences, 2017, , 523-623.	0.4	1
6191	Seasonal Forecast of South China Sea Summer Monsoon Onset Disturbed by Cold Tongue La Niña in the Past Decade. Advances in Atmospheric Sciences, 2021, 38, 147-155.	1.9	19
6192	The CMIP6 Historical Simulation Datasets Produced by the Climate System Model CAMS-CSM. Advances in Atmospheric Sciences, 2021, 38, 285-295.	1.9	17
6193	Interannual variability of rainfall in the Guinean Coast region and its links with sea surface temperature changes over the twentieth century for the different seasons. Climate Dynamics, 2020, 55, 449-470.	1.7	8
6194	Relationship between Pacific Ocean warming and tropical cyclone activity over the western North Pacific. Stochastic Environmental Research and Risk Assessment, 2019, 33, 31-45.	1.9	4
6195	The sensitivity of a depth-coordinate model to diapycnal mixing induced by practical implementations of the isopycnal tracer diffusion scheme. Ocean Modelling, 2020, 154, 101693.	1.0	25

#	ARTICLE	IF	CITATIONS
6197	Indian Ocean Variability and Interactions. , 2020, , 153-185.		2
6200	Ten Years After Katrina: What Have We Learned?. Eos, 2015, 96, .	0.1	2
6201	New Generation of Climate Models Track Recent Unprecedented Changes in Earth's Radiation Budget Observed by CERES. Geophysical Research Letters, 2020, 47, e2019GL086705.	1.5	39
6202	A revival of Indian summer monsoon rainfall since 2002. , 0, .		1
6203	High sensitivity of tropical precipitation to local sea surface temperature. Nature, 2021, 589, 408-414.	13.7	24
6204	The Australian Earth System Model: ACCESS-ESM1.5. Journal of Southern Hemisphere Earth Systems Science, 2020, 70, 193-214.	0.7	215
6205	Configuration and spin-up of ACCESS-CM2, the new generation Australian Community Climate and Earth System Simulator Coupled Model. Journal of Southern Hemisphere Earth Systems Science, 2020, 70, 225-251.	0.7	136
6206	Seasonal variation in the long-term warming trend in water temperature off the Western Australian coast. Marine and Freshwater Research, 2009, 60, 129.	0.7	35
6207	ECHAM5-Simulated Impacts of Two Types of El Niño on the Winter Precipitation Anomalies in South China. Atmospheric and Oceanic Science Letters, 2013, 6, 360-364.	0.5	9
6208	ENSO Variability Simulated by a Coupled General Circulation Model: ECHAM5/MPI-OM. Atmospheric and Oceanic Science Letters, 2014, 7, 471-475.	0.5	5
6209	The role of Amazon river runoff on the multidecadal variability of the Atlantic ITCZ. Environmental Research Letters, 2020, 15, 054013.	2.2	10
6210	Increasing trend in rapid intensification magnitude of tropical cyclones over the western North Pacific. Environmental Research Letters, 2020, 15, 084043.	2.2	33
6211	Enhanced mid-to-late winter predictability of the storm track variability in the North Pacific as a contrast with the North Atlantic. Environmental Research Letters, 2020, 15, 094037.	2.2	6
6212	Effect of irrigation on humid heat extremes. Environmental Research Letters, 2020, 15, 094010.	2.2	33
6213	Salient difference of sea surface temperature over the North Atlantic in the spring following three super El Niño events. Environmental Research Letters, 2020, 15, 094040.	2.2	2
6214	Impacts of two types of El-Niño on the winter North Pacific storm track. Environmental Research Letters, 2020, 15, 094062.	2.2	9
6215	Impact of climate variabilities on trans-oceanic flight times and emissions during strong NAO and ENSO phases. Environmental Research Letters, 2020, 15, 105017.	2.2	8
6216	Dynamic genesis potential index for diagnosing present-day and future global tropical cyclone genesis. Environmental Research Letters, 2020, 15, 114008.	2.2	55

#	ARTICLE	IF	CITATIONS
6217	Summer Russian heat waves and their links to Greenland's ice melt and sea surface temperature anomalies over the North Atlantic and the Barents-Kara Seas. <i>Environmental Research Letters</i> , 2020, 15, 114048.	2.2	12
6218	Main modes of the Arctic Ocean circulation and a relationship between their trends and the Atlantic water heat content. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 611, 012011.	0.2	1
6219	An empirical method for the prediction of extreme low winter sea ice extent in the Barents Sea. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 611, 012042.	0.2	1
6220	Changes in Precipitation Over Southern Africa During Recent Centuries. , 2017, , .		11
6226	Prediction of ENSO Beyond Spring Predictability Barrier Using Deep Convolutional LSTM Networks. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	16
6227	An iron cycle cascade governs the response of equatorial Pacific ecosystems to climate change. <i>Global Change Biology</i> , 2020, 26, 6168-6179.	4.2	25
6228	A performance comparison of coupled and uncoupled versions of the Met Office seasonal prediction general circulation model. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005, 57, 320-339.	0.8	25
6230	Trends and Variations in South Pacific Island and Ocean Surface Temperatures. <i>Journal of Climate</i> , 2003, 16, 2859-2874.	1.2	42
6231	Modeling Climate Variability in the Tropical Atlantic Atmosphere. <i>Journal of Climate</i> , 2003, 16, 3858-3876.	1.2	11
6232	Using Indicators of ENSO, IOD, and SAM to Improve Lead Time and Accuracy of Tropical Cyclone Outlooks for Australia. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 1901-1917.	0.6	6
6233	Interpretation of Factors Controlling Low Cloud Cover and Low Cloud Feedback Using a Unified Predictive Index. <i>Journal of Climate</i> , 2017, 30, 9119-9131.	1.2	35
6234	Diagnostic Metrics for Evaluating Model Simulations of the East Asian Monsoon. <i>Journal of Climate</i> , 2020, 33, 1777-1801.	1.2	14
6235	Tropical Pacific Decadal Variability Induced by Nonlinear Rectification of El Niño-Southern Oscillation. <i>Journal of Climate</i> , 2020, 33, 7289-7302.	1.2	11
6236	The Moderate Impact of the 2015 El Niño over East Africa and Its Representation in Seasonal Reforecasts. <i>Journal of Climate</i> , 2019, 32, 7989-8001.	1.2	13
6237	Decadal Changes in the Interannual Variability of Heat Waves in East Asia Caused by Atmospheric Teleconnection Changes. <i>Journal of Climate</i> , 2020, 33, 1505-1522.	1.2	37
6238	Combined Influences on North American Winter Air Temperature Variability from North Pacific Blocking and the North Atlantic Oscillation: Subseasonal and Interannual Time Scales. <i>Journal of Climate</i> , 2020, 33, 7101-7123.	1.2	18
6239	The North Atlantic as a Driver of Summer Atmospheric Circulation. <i>Journal of Climate</i> , 2020, 33, 7335-7351.	1.2	11
6240	Summer High Temperature Extremes over China Linked to the Pacific Meridional Mode. <i>Journal of Climate</i> , 2020, 33, 5905-5917.	1.2	14

#	ARTICLE	IF	CITATIONS
6241	The Impact of Changes in Tropical Sea Surface Temperatures over 1979â€“2012 on Northern Hemisphere High-Latitude Climate. <i>Journal of Climate</i> , 2020, 33, 5103-5121.	1.2	14
6242	Why Has the Inner Tibetan Plateau Become Wetter since the Mid-1990s?. <i>Journal of Climate</i> , 2020, 33, 8507-8522.	1.2	115
6243	The Influence of Zonally Asymmetric Stratospheric Ozone Changes on the Arctic Polar Vortex Shift. <i>Journal of Climate</i> , 2020, 33, 4641-4658.	1.2	14
6244	The Role of Tropical Mean-State Biases in Modeled Winter Northern Hemisphere El NiÃ±o Teleconnections. <i>Journal of Climate</i> , 2020, 33, 4751-4768.	1.2	8
6245	The Tropical Pacific ENSOâ€“Mean State Relationship in Climate Models over the Last Millennium. <i>Journal of Climate</i> , 2020, 33, 7539-7551.	1.2	3
6246	Processes Controlling Sea Surface Temperature Variability of Ningaloo NiÃ±o. <i>Journal of Climate</i> , 2020, 33, 4369-4389.	1.2	18
6247	An Estimate of the Relative Contributions of Sea Surface Temperature Variations in Various Regions to Stratospheric Change. <i>Journal of Climate</i> , 2020, 33, 4993-5011.	1.2	4
6248	Interdecadal Variation of Winter Cold Surge Path in East Asia and Its Relationship with Arctic Sea Ice. <i>Journal of Climate</i> , 2020, 33, 4907-4925.	1.2	29
6249	Attenuation of Central Pacific El NiÃ±o Amplitude by North Pacific Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2020, 33, 6673-6688.	1.2	12
6250	Is the North Pacific Victoria Mode a Predictor of Winter Rainfall over South China?. <i>Journal of Climate</i> , 2020, 33, 8833-8847.	1.2	7
6251	An Interdecadal Change of the Boreal Summer Silk Road Pattern around the Late 1990s. <i>Journal of Climate</i> , 2020, 33, 7083-7100.	1.2	16
6252	Decadal Change of Combination Mode Spatiotemporal Characteristics due to an ENSO Regime Shift. <i>Journal of Climate</i> , 2020, 33, 5239-5251.	1.2	7
6253	A 450-Year Perspective on California Precipitation â€œFlipsâ€•. <i>Journal of Climate</i> , 2020, 33, 10221-10237.	1.2	9
6254	Anthropogenic Aerosols Dominate Forced Multidecadal Sahel Precipitation Change through Distinct Atmospheric and Oceanic Drivers. <i>Journal of Climate</i> , 2020, 33, 10187-10204.	1.2	16
6255	Vertical Structure of the Upperâ€“Indian Ocean Thermal Variability. <i>Journal of Climate</i> , 2020, 33, 7233-7253.	1.2	12
6256	Warming Patterns Affect El NiÃ±o Diversity in CMIP5 and CMIP6 Models. <i>Journal of Climate</i> , 2020, 33, 8237-8260.	1.2	23
6257	Siberian Snow Forcing in a Dynamically Bias-Corrected Model. <i>Journal of Climate</i> , 2020, 33, 10455-10467.	1.2	6
6258	Dramatic Weakening of the Tropical Easterly Jet Projected by CMIP6 Models. <i>Journal of Climate</i> , 2020, 33, 8439-8455.	1.2	10

#	ARTICLE	IF	CITATIONS
6259	Evaluation of Leading Modes of Climate Variability in the CMIP Archives. <i>Journal of Climate</i> , 2020, 33, 5527-5545.	1.2	47
6260	Why Does a Colder (Warmer) Winter Tend to Be Followed by a Warmer (Cooler) Summer over Northeast Eurasia?. <i>Journal of Climate</i> , 2020, 33, 7255-7274.	1.2	14
6261	Weakening Influence of Spring Soil Moisture over the Indo-China Peninsula on the Following Summer Mei-Yu Front and Precipitation Extremes over the Yangtze River Basin. <i>Journal of Climate</i> , 2020, 33, 10055-10072.	1.2	11
6262	Isolating the Evolving Contributions of Anthropogenic Aerosols and Greenhouse Gases: A New CESM1 Large Ensemble Community Resource. <i>Journal of Climate</i> , 2020, 33, 7835-7858.	1.2	93
6263	Role of Equatorial Cold Tongue in Central Pacific Double-ITCZ Bias in the NCAR CESM1.2. <i>Journal of Climate</i> , 2020, 33, 10407-10418.	1.2	4
6264	Key Role of Diabatic Processes in Regulating Warm Water Volume Variability over ENSO Events. <i>Journal of Climate</i> , 2020, 33, 9945-9964.	1.2	11
6265	Future Changes and Controlling Factors of the Eight Regional Monsoons Projected by CMIP6 Models. <i>Journal of Climate</i> , 2020, 33, 9307-9326.	1.2	54
6266	On the Correspondence between Seasonal Forecast Biases and Long-Term Climate Biases in Sea Surface Temperature. <i>Journal of Climate</i> , 2020, 34, 427-446.	1.2	7
6267	Predictable Patterns of Wintertime Surface Air Temperature in Northern Hemisphere and Their Predictability Sources in the SEAS5. <i>Journal of Climate</i> , 2020, 33, 10743-10754.	1.2	9
6268	Statistical Prediction of Seasonal Mean Southern Hemisphere 500-hPa Geopotential Heights. <i>Journal of Climate</i> , 2007, 20, 2791-2809.	1.2	11
6269	Large-Scale Influences on Atmospheric River-Induced Extreme Precipitation Events along the Coast of Washington State. <i>Journal of Hydrometeorology</i> , 2020, 21, 2139-2156.	0.7	8
6270	Climatology and Variability of the Evaporative Stress Index and Its Suitability as a Tool to Monitor Australian Drought. <i>Journal of Hydrometeorology</i> , 2020, 21, 2309-2324.	0.7	8
6271	Two-year consecutive concurrences of positive Indian Ocean Dipole and Central Pacific El Niño preconditioned the 2019/2020 Australian "black summer" bushfires. <i>Geoscience Letters</i> , 2020, 7, .	1.3	48
6272	d4PDF: large-ensemble and high-resolution climate simulations for global warming risk assessment. <i>Progress in Earth and Planetary Science</i> , 2020, 7, .	1.1	48
6273	Comparison of regional characteristics of land precipitation climatology projected by an MRI-AGCM multi-cumulus scheme and multi-SST ensemble with CMIP5 multi-model ensemble projections. <i>Progress in Earth and Planetary Science</i> , 2020, 7, .	1.1	4
6274	Sensitivity of Calcification to Thermal Stress Varies among Genera of Massive Reef-Building Corals. <i>PLoS ONE</i> , 2012, 7, e32859.	1.1	90
6275	Twenty Years of High-Resolution Sea Surface Temperature Imagery around Australia: Inter-Annual and Annual Variability. <i>PLoS ONE</i> , 2014, 9, e100762.	1.1	22
6276	Cholera and Shigellosis: Different Epidemiology but Similar Responses to Climate Variability. <i>PLoS ONE</i> , 2014, 9, e107223.	1.1	37

#	ARTICLE	IF	CITATIONS
6277	Does Dark-Spot Syndrome Experimentally Transmit among Caribbean Corals?. PLoS ONE, 2016, 11, e0147493.	1.1	18
6278	Long-Range Correlations of Global Sea Surface Temperature. PLoS ONE, 2016, 11, e0153774.	1.1	7
6279	A multi-decadal record of oceanographic changes of the past ~165 years (1850-2015 AD) from Northwest of Iceland. PLoS ONE, 2020, 15, e0239373.	1.1	6
6280	Seasonal and Spatial Variability of SST Using MODIS Data: the Case Study of Aegean Sea. International Journal of Remote Sensing Application, 2015, 5, 25.	0.1	3
6282	Expedition 353 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	14
6283	Statistical Forecast of Early Spring Precipitation over South Korea using Multiple Linear Regression. Journal of Climate Research, 2017, 12, 53-71.	0.1	3
6284	Projected sea surface temperatures over the 21st century: Changes in the mean, variability and extremes for large marine ecosystem regions of Northern Oceans. Elementa, 2018, 6, .	1.1	148
6285	ENVIRONMENTAL CONDITIONS ARE IMPORTANT INFLUENCES ON THE RECRUITMENT OF NORTH PACIFIC ALBACORE TUNA, THUNNUS ALALUNGA. Applied Ecology and Environmental Research, 2017, 15, 299-319.	0.2	2
6287	Potential Changes in Extreme Events Under Global Climate Change. Journal of Disaster Research, 2008, 3, 39-50.	0.4	7
6288	Assessing Climate Change Impact on Water Resources in the Tone River Basin, Japan, Using Super-High-Resolution Atmospheric Model Output. Journal of Disaster Research, 2009, 4, 12-23.	0.4	14
6289	Interdecadal Variability of the Seasonal-scale Persistence in the Tropical Mean Tropospheric Temperature. Journal of the Meteorological Society of Japan, 2004, 82, 1213-1221.	0.7	4
6290	Forecast Study of the Cold December of 2005 in Japan: Role of Rossby Waves and Tropical Convection. Journal of the Meteorological Society of Japan, 2010, 88, 719-735.	0.7	6
6291	ENSO and Its Effects on the Atmospheric Heating Processes. Journal of the Meteorological Society of Japan, 2012, 90, 35-57.	0.7	3
6292	Covariability between the Baiu Precipitation and Tropical Cyclone Activity through Large-Scale Atmospheric Circulations. Journal of the Meteorological Society of Japan, 2012, 90, 449-465.	0.7	4
6293	Differences in Teleconnection over the North Pacific and Rainfall Shift over the USA Associated with Two Types of El Niño during Boreal Autumn. Journal of the Meteorological Society of Japan, 2012, 90, 535-552.	0.7	46
6294	Analysis of Cloud Properties Associated with Tropical Convection in Climate Models and Satellite Data. Journal of the Meteorological Society of Japan, 2012, 90, 629-646.	0.7	1
6295	Summertime Temperature Extremes over Japan in the Late 21st Century Projected by a High-Resolution Regional Climate Model. Journal of the Meteorological Society of Japan, 2012, 90A, 101-122.	0.7	10
6296	Climate Simulations Using MRI-AGCM3.2 with 20-km Grid. Journal of the Meteorological Society of Japan, 2012, 90A, 233-258.	0.7	413

#	ARTICLE	IF	CITATIONS
6297	Development of a 5-km-Mesh Cloud-System-Resolving Regional Climate Model at the Meteorological Research Institute. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90A, 339-350.	0.7	35
6298	Regional Patterns of Wintertime SLP Change over the North Pacific and Their Uncertainty in CMIP3 Multi-Model Projections. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90A, 385-396.	0.7	11
6299	Impacts of Rapid Warm-To-Cold ENSO Transitions on Summer Monsoon Rainfall over the Northeastern Indian Subcontinent. <i>Journal of the Meteorological Society of Japan</i> , 2013, 91, 1-21.	0.7	8
6300	Impact of SST on Precipitation and Snowfall on the Sea of Japan Side in the Winter Monsoon Season: Timescale Dependency. <i>Journal of the Meteorological Society of Japan</i> , 2013, 91, 639-653.	0.7	17
6301	A Numerical Study of the Relationship between the Carbon Cycle and the Land Surface Processes in the Northern Hemisphere Related to Recent El Niño Events. <i>Journal of the Meteorological Society of Japan</i> , 2013, 91, 667-686.	0.7	4
6302	Superrotation and Nonlinear Hadley Circulation Response to Zonally Asymmetric Sea Surface Temperature in an Aquaplanet GCM. <i>Journal of the Meteorological Society of Japan</i> , 2013, 91A, 269-291.	0.7	4
6303	Relationship between Low Stratiform Cloud Amount and Estimated Inversion Strength in the Lower Troposphere over the Global Ocean in Terms of Cloud Types. <i>Journal of the Meteorological Society of Japan</i> , 2014, 92, 107-120.	0.7	26
6304	Decadal Prediction Skill of BCC-CSM1.1 with Different Initialization Strategies. <i>Journal of the Meteorological Society of Japan</i> , 2019, 97, 733-744.	0.7	4
6305	Turbulent Heat Flux Reconstruction in the North Pacific from 1921 to 2014. <i>Journal of the Meteorological Society of Japan</i> , 2019, 97, 893-911.	0.7	4
6306	East Asian-Australian Monsoon Variations and their Impacts on Regional Climate during Boreal Summer. <i>Journal of the Meteorological Society of Japan</i> , 2020, 98, 283-297.	0.7	6
6307	Present-Day Climate and Climate Sensitivity in the Meteorological Research Institute Coupled GCM Version 2.3 (MRI-CGCM2.3). <i>Journal of the Meteorological Society of Japan</i> , 2006, 84, 333-363.	0.7	120
6308	Simulations of Land-surface Air Temperature and Land Precipitation in the Twentieth Century by the MJ98 AGCM. <i>Journal of the Meteorological Society of Japan</i> , 2009, 87, 473-495.	0.7	3
6309	An Evaluation of Reproducibility of the Pacific Decadal Oscillation in the CMIP3 Simulations. <i>Journal of the Meteorological Society of Japan</i> , 2009, 87, 755-770.	0.7	27
6310	Influence of ENSO on the Stratosphere-Troposphere Coupling during Stratospheric Sudden Warming Events. <i>Scientific Online Letters on the Atmosphere</i> , 2005, 1, 125-128.	0.6	3
6311	Tropical Cyclones and Associated Precipitation over the Western North Pacific: T106 Atmospheric GCM Simulation for Present-day and Doubled CO ₂ Climates. <i>Scientific Online Letters on the Atmosphere</i> , 2005, 1, 145-148.	0.6	34
6312	Comparison of Near Future (2015-2039) Changes in the East Asian Rain Band with Future (2075-2099) Changes Projected by Global Atmospheric Models with 20-km and 60-km Grid Size. <i>Scientific Online Letters on the Atmosphere</i> , 2012, 8, 73-76.	0.6	7
6313	Data Analysis of Recent Warming Pattern in the Arctic. <i>Scientific Online Letters on the Atmosphere</i> , 2010, 6A, 1-4.	0.6	8
6314	Relationship Among Sea Surface Temperature, ENSO and Indian Ocean Dipole in the Indian Ocean: A Clue to Recognizing Convective Systems. <i>The Open Oceanography Journal</i> , 2015, 8, 20-27.	0.2	3

#	ARTICLE	IF	CITATIONS
6315	Cold Winter Over North America: The Influence of the East Atlantic (EA) and the Tropical/Northern Hemisphere (TNH) Teleconnection Patterns. <i>The Open Atmospheric Science Journal</i> , 2016, 10, 6-13.	0.5	3
6316	Respuesta climática de <i>Abies guatemalensis</i> Rehder en Ixtlán de Juárez, Oaxaca, México. <i>Madera Bosques</i> , 2019, 25, .	0.1	6
6317	Estimating components of covariance between two climate variables using model ensembles. <i>ANZIAM Journal</i> , 0, 51, 318.	0.0	4
6318	Interdecadal variability of the Arabian Sea and the Indian Ocean. <i>Russian Journal of Earth Sciences</i> , 2016, 16, 1-10.	0.2	1
6319	Retrospective Analysis of the Black Sea Thermohaline Fields on the Basis of Empirical Orthogonal Functions. <i>Physical Oceanography</i> , 2018, 25, .	0.4	6
6320	Temperature variations of southeastern Australia, 1860-2011. <i>Australian Meteorological Magazine</i> , 2013, 62, 227-245.	0.4	15
6321	The ACCESS coupled model: description, control climate and evaluation. <i>Australian Meteorological Magazine</i> , 2013, 63, 41-64.	0.4	374
6322	Evaluation of El Niño-Southern Oscillation in the ACCESS coupled model simulations for CMIP5. <i>Australian Meteorological Magazine</i> , 2013, 63, 161-180.	0.4	5
6323	Evaluation of CMIP3 and CMIP5 models over the Australian region to inform confidence in projections. , 2015, 65, 19-53.		53
6324	Marine projections of warming and ocean acidification in the Australasian region. , 2015, 65, S1-S28.		23
6325	Climate Changes of the Twentieth through Twenty-first Centuries Simulated by the MRI-CGCM2.3. <i>Papers in Meteorology and Geophysics</i> , 2006, 56, 9-24.	0.9	35
6326	Development of a Meteorological Research Institute Chemistry-Climate Model version 2 for the Study of Tropospheric and Stratospheric Chemistry. <i>Papers in Meteorology and Geophysics</i> , 2011, 62, 1-46.	0.9	69
6327	Discovery of Teleconnections Using Data Mining Technologies in Global Climate Datasets. <i>Data Science Journal</i> , 2007, 6, S749-S755.	0.6	6
6328	ON THE DYNAMICS AND STRUCTURE OF THE GLOBAL ATMOSPHERIC OSCILLATION IN CLIMATE MODELS AND REALITY. <i>Journal of Oceanological Research</i> , 2018, 46, 14-28.	0.0	1
6329	Climatic changes of thermal condition in the Kara sea at last 40 years. <i>Arctic and Antarctic Research</i> , 2019, 65, 125-147.	0.1	1
6330	Influence of North Atlantic SST Variability and Changes in Atmospheric Circulation on the Frequency of Summer Droughts in the East European Plain. <i>Russian Meteorology and Hydrology</i> , 2020, 45, 819-829.	0.2	9
6331	Wavelet based fractal analysis of El Niño/La Niña episodes. <i>Hydrological Research Letters</i> , 2008, 2, 70-74.	0.3	4
6332	Hydrologic Evaluation on the AGCM20 Output Using Observed River Discharge Data. <i>Hydrological Research Letters</i> , 2010, 4, 35-39.	0.3	18

#	ARTICLE	IF	CITATIONS
6333	First impact assessment of hydrological cycle in the Tana River Basin, Kenya, under a changing climate in the late 21st Century. <i>Hydrological Research Letters</i> , 2012, 6, 29-34.	0.3	19
6334	Characteristics of the Largest Recorded Annual Maximum Monthly Precipitation in an Atmospheric Global Climate Model Experiment. <i>Suimon Mizu Shigen Gakkaishi</i> , 2010, 23, 373-383.	0.1	2
6335	Western European climate, and Pinot noir grape harvest dates in Burgundy, France, since the 17th Century. <i>Climate Research</i> , 2011, 46, 243-253.	0.4	9
6336	Evaluating global climate models for the Pacific island region. <i>Climate Research</i> , 2011, 49, 169-187.	0.4	46
6337	Exploring qualitative regional climate projections: a case study for Nauru. <i>Climate Research</i> , 2013, 58, 165-182.	0.4	9
6338	Climate projections for Vietnam based on regional climate models. <i>Climate Research</i> , 2014, 60, 199-213.	0.4	45
6339	Secular non-linear trends and multi-timescale oscillations of regional surface air temperature in eastern China. <i>Climate Research</i> , 2015, 63, 19-30.	0.4	8
6340	Climate change, Pacific climate drivers and observed precipitation variability in Tahiti, French Polynesia. <i>Climate Research</i> , 2015, 63, 157-170.	0.4	9
6341	Arctic sea ice and warm season North American extreme surface air temperatures. <i>Climate Research</i> , 2016, 67, 15-29.	0.4	8
6342	Long-term Bering Sea environmental variability revealed by a centennial-length biochronology of Pacific ocean perch <i>Sebastes alutus</i> . <i>Climate Research</i> , 2016, 71, 33-45.	0.4	20
6343	Euro-Atlantic blocking events and their impact on surface air temperature and precipitation over the European region in the 20th century. <i>Climate Research</i> , 2017, 71, 203-218.	0.4	2
6344	Analysis of variability and long-term trends of sea surface temperature over the China Seas derived from a newly merged regional data set. <i>Climate Research</i> , 2017, 73, 217-231.	0.4	3
6345	Inter-annual variability of moisture transport over the northern Indian Ocean and South Asian summer monsoon. <i>Climate Research</i> , 2018, 75, 23-31.	0.4	5
6346	A 42 year inference of cloud base height trends in the Luquillo Mountains of northeastern Puerto Rico. <i>Climate Research</i> , 2018, 76, 87-94.	0.4	8
6347	The salient differences in China summer rainfall response to ENSO: phases, intensities and flavors. <i>Climate Research</i> , 2019, 78, 51-67.	0.4	16
6348	Distribution and prevalence of coral diseases in the Veracruz Reef System, Southern Gulf of Mexico. <i>Diseases of Aquatic Organisms</i> , 2011, 95, 181-187.	0.5	12
6349	Coral calcification from skeletal records revisited. <i>Marine Ecology - Progress Series</i> , 2008, 373, 257-264.	0.9	106
6350	Recent seawater temperature histories, status, and predictions for Madagascar's coral reefs. <i>Marine Ecology - Progress Series</i> , 2009, 380, 117-128.	0.9	29

#	ARTICLE	IF	CITATIONS
6351	Climate-driven synchrony in otolith growth-increment chronologies for three Bering Sea flatfish species. <i>Marine Ecology - Progress Series</i> , 2010, 413, 137-145.	0.9	62
6352	Foraging distributions of little auks <i>Alle alle</i> across the Greenland Sea: implications of present and future Arctic climate change. <i>Marine Ecology - Progress Series</i> , 2010, 415, 283-293.	0.9	66
6353	Temporal differences across a bio-geographical boundary reveal slow response of sub-littoral benthos to climate change. <i>Marine Ecology - Progress Series</i> , 2011, 423, 69-82.	0.9	33
6354	Depth and temperature preferences of the deepwater flatfish Greenland halibut <i>Reinhardtius hippoglossoides</i> in an Arctic marine ecosystem. <i>Marine Ecology - Progress Series</i> , 2012, 467, 193-205.	0.9	30
6355	Seasonal migration, vertical activity, and winter temperature experience of Greenland halibut <i>Reinhardtius hippoglossoides</i> in West Greenland waters. <i>Marine Ecology - Progress Series</i> , 2014, 508, 211-222.	0.9	19
6356	Comparison of gridded sea surface temperature datasets for marine ecosystem studies. <i>Marine Ecology - Progress Series</i> , 2014, 516, 7-22.	0.9	7
6357	Effect of increases in temperature and nutrients on phytoplankton community structure and photosynthesis in the western English Channel. <i>Marine Ecology - Progress Series</i> , 2015, 519, 61-73.	0.9	27
6358	Variations in massive <i>Porites</i> growth rates at Hainan Island, northern South China Sea. <i>Marine Ecology - Progress Series</i> , 2016, 546, 47-60.	0.9	9
6359	Ecological and life history traits explain a climate-induced shift in a temperate marine fish community. <i>Marine Ecology - Progress Series</i> , 2018, 606, 175-186.	0.9	20
6360	Long-term growth trends of massive <i>Porites</i> corals across a latitudinal gradient in the Indo-Pacific. <i>Marine Ecology - Progress Series</i> , 2019, 626, 69-82.	0.9	2
6361	Environmental predictive models for shark attacks in Australian waters. <i>Marine Ecology - Progress Series</i> , 2019, 631, 165-179.	0.9	22
6362	Prey landscapes help identify potential foraging habitats for leatherback turtles in the NE Atlantic. <i>Marine Ecology - Progress Series</i> , 2007, 337, 231-243.	0.9	81
6363	Global Warming Impacts Micro-Phytoplankton at a Long-Term Pacific Ocean Coastal Station. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	17
6364	Numerical Modeling of the Natural and Manmade Factors Influencing Past and Current Changes in Polar, Mid-Latitude and Tropical Ozone. <i>Atmosphere</i> , 2020, 11, 76.	1.0	5
6365	Resonantly Forced Baroclinic Waves in the Oceans: A New Approach to Climate Variability. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 13.	1.2	6
6366	NUMERICAL SIMULATIONS OF THE EFFECTS OF LATERAL MELTING ON ARCTIC SEA ICE. <i>Chinese Journal of Polar Research</i> , 2013, 25, .	0.0	1
6367	The Climatological Characteristics of Monthly Precipitation over Han- and Nakdong-river Basins: Part I. Variability of Area Averaged Time Series. <i>Journal of Korea Water Resources Association</i> , 2005, 38, 111-119.	0.3	5
6368	Coastal sea surface temperature records along the Baja California Peninsula. <i>CICIMAR Oceanides</i> , 2012, 27, 65-69.	0.3	73

#	ARTICLE	IF	CITATIONS
6369	The Relationship between the East Asian Subtropical Westerly Jet and Summer Precipitation over East Asia as Simulated by the IAP AGCM4.0. , 0, .		7
6370	Arctic Sea Ice Decline Intensified Haze Pollution in Eastern China. , 0, .		43
6371	Influence of Tropical Western Pacific Warm Pool Thermal State on the Interdecadal Change of the Onset of the South China Sea Summer Monsoon in the Late-1990s. , 0, .		5
6372	Contrasting Impacts of South and North Tropical Indian Ocean Sea Surface Temperature Anomalies on East Asian Summer Climate. , 0, .		3
6373	Change in Sea Ice Cover is Responsible for Non-Uniform Variation in Winter Temperature over East Asia. , 0, .		4
6374	ECHAM5-Simulated Impacts of Two Types of El Niño on the Winter Precipitation Anomalies in South China. , 0, .		3
6375	ENSO Variability Simulated by a Coupled General Circulation Model: ECHAM5/MPI-OM. , 0, .		2
6376	Long-Term Variability of the Western Edge of the North Pacific Subtropical High and Its Relation to Summer Temperatures over Japan, 1901–2000. Geographical Review of Japan Series A, 2012, 85, 508-516.	0.4	3
6377	Study of the Relationship between the East Asian Marginal SST and the Two Different Types of El Niño. Ocean and Polar Research, 2009, 31, 51-61.	0.3	14
6378	Prediction of the Spawning Ground of <i>Todarodes pacificus</i> under IPCC Climate A1B Scenario. Ocean and Polar Research, 2012, 34, 253-264.	0.3	6
6379	A Late 20th Century European Climate Shift: Fingerprint of Regional Brightening?. Atmospheric and Climate Sciences, 2013, 03, 291-300.	0.1	7
6380	On the Co-Variability between Climate Indices and the Potential Spread of Seasonal Climate Simulations over South African Provinces. Atmospheric and Climate Sciences, 2019, 09, 381-397.	0.1	1
6381	Spatial and Temporal Patterns of <i>In Situ</i> Sea Surface Temperatures within the Gulf of Mexico from 1901-2010. American Journal of Climate Change, 2016, 05, 314-343.	0.5	11
6382	Time-integrated North Atlantic Oscillation as a proxy for climatic change. Natural Science, 2013, 05, 149-155.	0.2	2
6385	Impacts of future land use and land cover change on mid-21st-century surface ozone air quality: distinguishing between the biogeophysical and biogeochemical effects. Atmospheric Chemistry and Physics, 2020, 20, 11349-11369.	1.9	15
6386	From a polar to a marine environment: has the changing Arctic led to a shift in aerosol light scattering properties?. Atmospheric Chemistry and Physics, 2020, 20, 13671-13686.	1.9	20
6387	Scant evidence for a volcanically forced winter warming over Eurasia following the Krakatau eruption of August 1883. Atmospheric Chemistry and Physics, 2020, 20, 13687-13700.	1.9	13
6388	Revisiting the trend in the occurrences of the “warm Arctic” cold Eurasian continent temperature pattern. Atmospheric Chemistry and Physics, 2020, 20, 13753-13770.	1.9	6

#	ARTICLE	IF	CITATIONS
6389	Impact of Lagrangian transport on lower-stratospheric transport timescales in a climate model. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15227-15245.	1.9	4
6390	Tropical Pacific climate variability under solar geoengineering: impacts on ENSO extremes. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15461-15485.	1.9	9
6391	Pan-Arctic surface ozone: modelling vs. measurements. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15937-15967.	1.9	14
6392	Sensitivity of age of air trends to the derivation method for non-linear increasing inert SF ₆ . <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8709-8725.	1.9	20
6393	Aerosol concentrations variability over China: two distinct leading modes. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9883-9893.	1.9	11
6394	Using CESM-RESFire to understand climate–fire ecosystem interactions and the implications for decadal climate variability. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 995-1020.	1.9	31
6432	Coupled model simulations of mid-Holocene ENSO and comparisons with coral oxygen isotope records. <i>Advances in Geosciences</i> , 0, 6, 29-33.	12.0	25
6433	Historical reconstruction of ocean acidification in the Australian region. <i>Biogeosciences</i> , 2016, 13, 1753-1765.	1.3	15
6446	Comparison of past and future simulations of ENSO in CMIP5/PMIP3 and CMIP6/PMIP4 models. <i>Climate of the Past</i> , 2020, 16, 1777-1805.	1.3	56
6447	Reassessing long-term drought risk and societal impacts in Shenyang, Liaoning Province, north-east China (1200–2015). <i>Climate of the Past</i> , 2020, 16, 1917-1935.	1.3	4
6448	An ensemble-based approach to climate reconstructions. <i>Climate of the Past</i> , 2012, 8, 963-976.	1.3	98
6465	Emergent constraints on equilibrium climate sensitivity in CMIP5: do they hold for CMIP6?. <i>Earth System Dynamics</i> , 2020, 11, 1233-1258.	2.7	63
6466	Historical and future anthropogenic warming effects on droughts, fires and fire emissions of CO ₂ and PM _{2.5} in equatorial Asia when 2015-like El Niño events occur. <i>Earth System Dynamics</i> , 2020, 11, 435-445.	2.7	14
6467	Eurasian autumn snow link to winter North Atlantic Oscillation is strongest for Arctic warming periods. <i>Earth System Dynamics</i> , 2020, 11, 509-524.	2.7	16
6468	On the interconnections among major climate modes and their common driving factors. <i>Earth System Dynamics</i> , 2020, 11, 525-535.	2.7	3
6469	Storylines of the 2018 Northern Hemisphere heatwave at pre-industrial and higher global warming levels. <i>Earth System Dynamics</i> , 2020, 11, 855-873.	2.7	31
6470	The synergistic impact of ENSO and IOD on Indian summer monsoon rainfall in observations and climate simulations – an information theory perspective. <i>Earth System Dynamics</i> , 2020, 11, 903-923.	2.7	8
6471	Ocean–atmosphere interactions modulate irrigation's climate impacts. <i>Earth System Dynamics</i> , 2016, 7, 863-876.	2.7	15

#	ARTICLE	IF	CITATIONS
6473	A new merge of global surface temperature datasets since the start of the 20th century. <i>Earth System Science Data</i> , 2019, 11, 1629-1643.	3.7	30
6474	SCOPE Climate: a 142-year daily high-resolution ensemble meteorological reconstruction dataset over France. <i>Earth System Science Data</i> , 2019, 11, 241-260.	3.7	27
6475	A uniform CO_2 climatology combining open and coastal oceans. <i>Earth System Science Data</i> , 2020, 12, 2537-2553.	3.7	56
6476	Development of the HadISDH.marine humidity climate monitoring dataset. <i>Earth System Science Data</i> , 2020, 12, 2853-2880.	3.7	15
6477	A global mean sea surface temperature dataset for the Last Interglacial (129â€“116â€“ka) and contribution of thermal expansion to sea level change. <i>Earth System Science Data</i> , 2020, 12, 3341-3356.	3.7	26
6478	Global open-ocean biomes: mean and temporal variability. <i>Earth System Science Data</i> , 2014, 6, 273-284.	3.7	118
6479	A multi-decadal wind-wave hindcast for the North Sea 1949â€“2014: coastDat2. <i>Earth System Science Data</i> , 2017, 9, 955-968.	3.7	19
6481	Stratospheric aerosol evolution after Pinatubo simulated with a coupled size-resolved aerosolâ€“chemistryâ€“climate model, SOCOL-AERv1.0. <i>Geoscientific Model Development</i> , 2018, 11, 2633-2647.	1.3	16
6482	The Flexible Ocean and Climate Infrastructure version 1 (FOCI1): mean state and variability. <i>Geoscientific Model Development</i> , 2020, 13, 2533-2568.	1.3	24
6483	Towards an objective assessment of climate multi-model ensembles â€“ a case study: the Senegalo-Mauritanian upwelling region. <i>Geoscientific Model Development</i> , 2020, 13, 2723-2742.	1.3	5
6484	An ensemble Kalman filter data assimilation system for the whole neutral atmosphere. <i>Geoscientific Model Development</i> , 2020, 13, 3145-3177.	1.3	13
6485	A global eddy hindcast ocean simulation with OFES2. <i>Geoscientific Model Development</i> , 2020, 13, 3319-3336.	1.3	22
6486	Earth System Model Evaluation Tool (ESMValTool) v2.0 â€“ an extended set of large-scale diagnostics for quasi-operational and comprehensive evaluation of Earth system models in CMIP. <i>Geoscientific Model Development</i> , 2020, 13, 3383-3438.	1.3	69
6487	Taiwan Earth System Model Version 1: description and evaluation of mean state. <i>Geoscientific Model Development</i> , 2020, 13, 3887-3904.	1.3	64
6488	Earth System Model Evaluation Tool (ESMValTool) v2.0 â€“ diagnostics for emergent constraints and future projections from Earth system models in CMIP. <i>Geoscientific Model Development</i> , 2020, 13, 4205-4228.	1.3	18
6489	Overview of the Norwegian Earth System Model (NorESM2) and key climate response of CMIP6 DECK, historical, and scenario simulations. <i>Geoscientific Model Development</i> , 2020, 13, 6165-6200.	1.3	280
6491	Numerical simulations of oceanic oxygen cycling in the FAMOUS Earth-System model: FAMOUS-ES, version 1.0. <i>Geoscientific Model Development</i> , 2014, 7, 1419-1431.	1.3	10
6492	Development of the Global Sea Ice 6.0 CICE configuration for the Met Office Global Coupled model. <i>Geoscientific Model Development</i> , 2015, 8, 2221-2230.	1.3	77

#	ARTICLE	IF	CITATIONS
6493	Multi-annual modes in the 20th century temperature variability in reanalyses and CMIP5 models. <i>Geoscientific Model Development</i> , 2016, 9, 4097-4109.	1.3	1
6506	A skewed perspective of the Indian rainfallâ€“El NiÃ±oâ€“Southern Oscillation (ENSO) relationship. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 5473-5489.	1.9	4
6507	The 2018 northern European hydrological drought and its drivers in a historical perspective. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 5621-5653.	1.9	62
6512	Optimal localized observations for advancing beyond the ENSO predictability barrier. <i>Nonlinear Processes in Geophysics</i> , 2013, 20, 221-230.	0.6	18
6514	Assessing the role and consistency of satellite observation products in global physicalâ€“biogeochemical ocean reanalysis. <i>Ocean Science</i> , 2020, 16, 875-893.	1.3	2
6515	A multi-decadal meridional displacement of the Subpolar Front in the Newfoundland Basin. <i>Ocean Science</i> , 2012, 8, 91-102.	1.3	10
6518	Climate noise effect on uncertainty of hydrological extremes: numerical experiments with hydrological and climate models. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 369, 49-53.	1.0	3
6519	Investigation of hydrological variability in the Korean Peninsula with the ENSO teleconnections. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 374, 165-173.	1.0	4
6520	Reconciling the surface temperatureâ€“surface mass balance relationship in models and ice cores in Antarctica over the last 2 centuries. <i>Cryosphere</i> , 2020, 14, 4083-4102.	1.5	6
6531	Significant multidecadal variability in German wind energy generation. <i>Wind Energy Science</i> , 2019, 4, 515-526.	1.2	24
6532	Sea Surface Warming and its Implications for Harmful Algal Blooms off Oman. <i>International Journal of Marine Science</i> , 0, , .	0.0	6
6533	Effects of the El NiÃ±o on Tropospheric Ozone in a Simulation using a Climate-Chemistry Model. <i>Journal of the Korean Earth Science Society</i> , 2013, 34, 662-668.	0.0	1
6535	A study on precipitation trend and fluctuation mechanism in northwestern China over the past 60 years. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2013, 62, 129201.	0.2	22
6536	The past century of coral bleaching in the Saudi Arabian central Red Sea. <i>PeerJ</i> , 2020, 8, e10200.	0.9	7
6537	Will the California Current lose its nesting Tufted Puffins?. <i>PeerJ</i> , 2018, 6, e4519.	0.9	6
6538	Coral responses to a repeat bleaching event in Mayotte in 2010. <i>PeerJ</i> , 2018, 6, e5305.	0.9	9
6539	An enigmatic decoupling between heat stress and coral bleaching on the Great Barrier Reef. <i>PeerJ</i> , 2019, 7, e7473.	0.9	29
6540	Layered patterns in nature, medicine, and materials: quantifying anisotropic structures and cyclicity. <i>PeerJ</i> , 2019, 7, e7813.	0.9	2

#	ARTICLE	IF	CITATIONS
6541	Treating coral bleaching as weather: a framework to validate and optimize prediction skill. PeerJ, 2020, 8, e9449.	0.9	19
6543	Contrasting Impacts of Three Types of ENSO Event on Boreal Autumn Rainfall over Southwest China. Journal of Geoscience and Environment Protection, 2021, 09, 14-27.	0.2	5
6544	Sea Level Rise Drivers and Projections from Coupled Model Intercomparison Project Phase 6 (CMIP6) under the Paris Climate Targets: Global and around the Korea Peninsula. Journal of Marine Science and Engineering, 2021, 9, 1094.	1.2	0
6545	Indian Ocean Dipole leads to Atlantic Niño. Nature Communications, 2021, 12, 5952.	5.8	22
6546	Impacts of Antarctic Sea Ice, AMV and IPO on Extratropical Southern Hemisphere Climate: A Modeling Study. Frontiers in Earth Science, 2021, 9, .	0.8	0
6547	Influence of SST in Low Latitudes on the Arctic Warming and Sea Ice. Journal of Marine Science and Engineering, 2021, 9, 1145.	1.2	7
6548	Variations in Summer Extreme High-Temperature Events over Northern Asia and the Possible Mechanisms. Journal of Climate, 2022, 35, 335-357.	1.2	16
6549	Decadal sea-level variability in the Australasian Mediterranean Sea. Ocean Science, 2021, 17, 1473-1487.	1.3	2
6550	Modelling the biogeographic boundary shift of <i>Calanus finmarchicus</i> reveals drivers of Arctic Atlantification by subarctic zooplankton. Global Change Biology, 2022, 28, 429-440.	4.2	18
6551	Decadal changes of the intraseasonal oscillation during 1979–2016. Advances in Climate Change Research, 2021, 12, 772-782.	2.1	2
6552	Runoff reconstruction for the <i>Bailong River</i> from tree rings back to <i>AD</i> 1601, reveals changing hydrological signals of <i>China</i> north–south transition zone. Hydrological Processes, 2021, 35, e14417.	1.1	3
6553	Meridional Position Changes of the Sea Surface Temperature Anomalies in the North Pacific. Journal of Climate, 2022, 35, 305-321.	1.2	3
6554	The West Pacific Gradient tracks ENSO and zonal Pacific sea surface temperature gradient during the last Millennium. Scientific Reports, 2021, 11, 20395.	1.6	2
6555	Influence of Decadal Ocean Signals on Meteorological Conditions Associated With the Winter Haze Over Eastern China. Frontiers in Environmental Science, 2021, 9, .	1.5	1
6556	ENSO diversity shows robust decadal variations that must be captured for accurate future projections. Communications Earth & Environment, 2021, 2, .	2.6	19
6557	Hurricane annual cycle controlled by both seeds and genesis probability. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	20
6558	Increasing large wildfires over the western United States linked to diminishing sea ice in the Arctic. Nature Communications, 2021, 12, 6048.	5.8	26
6559	Seasonal predictability of baroclinic wave activity. Npj Climate and Atmospheric Science, 2021, 4, .	2.6	8

#	ARTICLE	IF	CITATIONS
6560	Atlantic zonal mode-monsoon teleconnection in a warming scenario. <i>Climate Dynamics</i> , 2022, 58, 1829-1843.	1.7	3
6561	Robust Evaluation of ENSO in Climate Models: How Many Ensemble Members Are Needed?. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095041.	1.5	21
6563	Antarctic winter sea-ice seasonal simulation with a coupled model: Evaluation of mean features and biases. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	0
6564	An ensemble reconstruction of global monthly sea surface temperature and sea ice concentration 1000â€“1849. <i>Scientific Data</i> , 2021, 8, 261.	2.4	7
6565	Climate change/global warming/climate emergency versus general climate research: comparative bibliometric trends of publications. <i>Heliyon</i> , 2021, 7, e08219.	1.4	34
6566	Understanding the Increasing Hot Extremes over the Northern Extratropics Using Community Atmosphere Model. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 0, , 1.	1.3	1
6567	Dipole Mode of the Precipitation Anomaly Over the Tibetan Plateau in Midâ€“Autumn Associated With Tropical Pacificâ€“Indian Ocean Sea Surface Temperature Anomaly: Role of Convection Over the Northern Maritime Continent. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034675.	1.2	9
6568	Key features associated with the early and late South China summer monsoon onset. <i>Theoretical and Applied Climatology</i> , 0, , 1.	1.3	0
6569	Influence of the 2015â€“2016 El NiÃ±o on the record-breaking mangrove dieback along northern Australia coast. <i>Scientific Reports</i> , 2021, 11, 20411.	1.6	22
6570	Response of Western North Pacific Anomalous Anticyclones in the Summer of Decaying El NiÃ±o to Global Warming: Diverse Projections Based on CMIP6 and CMIP5 Models. <i>Journal of Climate</i> , 2022, 35, 359-372.	1.2	11
6571	Influence of Terrestrial Precipitation on the Variability of Extreme Sea Levels along the Coast of Bangladesh. <i>Water (Switzerland)</i> , 2021, 13, 2915.	1.2	2
6572	Evaluation and projection of the AMO and PDO variabilities in the CMIP5 models under different warming scenarios part1: Evaluation. <i>Dynamics of Atmospheres and Oceans</i> , 2022, 97, 101260.	0.7	4
6573	Recent increases in tropical cyclone precipitation extremes over the US east coast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	34
6574	Typhoon wind hazard estimation by full-track simulation with various wind intensity models. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 218, 104792.	1.7	16
6575	Contrasting factors on the trends in hot days and warm nights over Northern Hemisphere land during summer. <i>Weather and Climate Extremes</i> , 2021, 34, 100389.	1.6	4
6576	Coral perspective on temperature seasonality and interannual variability in the northern South China Sea during the Roman Warm Period. <i>Global and Planetary Change</i> , 2021, 207, 103675.	1.6	10
6577	High-resolution marine heatwave mapping in Australasian waters using Himawari-8 SST and SSTAARS data. <i>Remote Sensing of Environment</i> , 2021, 267, 112742.	4.6	5
6578	EVIDENCE FOR GLOBAL WARMING. , 2004, , .		0

#	ARTICLE	IF	CITATIONS
6579	Potential Predictability of Seasonal Mean River Discharge in Dynamical Ensemble Prediction using MRI/JMA GCM. Scientific Online Letters on the Atmosphere, 2006, 2, 112-115.	0.6	5
6583	The Next Generation of Multi-Sensor Merged Sea Surface Temperature Data Sets for Europe. , 2008, , 177-188.		3
6584	Changes in Tropical Cyclone Activity due to Global Warming in a General Circulation Model. , 2009, , 287-321.		0
6585	Modelling of Climate Variability in Selected Ocean Basins. , 2009, , 153-224.		0
6586	Numerical Investigation of Climate Factors Impact on Carbon Cycle in the East Asian Terrestrial Ecosystem. Journal of the Meteorological Society of Japan, 2009, 87, 219-244.	0.7	4
6587	Propagating Coupled Modes between the Tropical Indo-Pacific Ocean Heat Content and SST Anomalies in the Interannual Timescale. Journal of the Meteorological Society of Japan, 2009, 87, 307-333.	0.7	2
6588	Exploiting an ensemble of regional climate models to provide robust estimates of projected changes in monthly temperature and precipitation probability distribution functions. Tellus, Series A: Dynamic Meteorology and Oceanography, 2009, , .	0.8	1
6591	Estimation of Global Mean Surface Temperature. Japanese Journal of Biometrics, 2010, 32, S65-S75.	0.0	0
6594	The Role of the International Comprehensive Ocean-Atmosphere Data Set in the Sustained Ocean Observing System. , 2010, , .		5
6595	Projected Sea-ice Changes in the Arctic Sea under Global Warming. Ocean and Polar Research, 2010, 32, 379-386.	0.3	0
6596	Surface In situ Datasets for Marine Climatological Applications. , 2010, , .		8
6599	Regional Increases in Landfall Frequency and Intensity of Atlantic Hurricanes in a Stochastic Model Forecast. , 0, , .		0
6603	Long-term Variation of Pan Evaporation and a Clarification of its Factors in Tropical Sri Lanka. Suimon Mizu Shigen Gakkaishi, 2012, 25, 214-225.	0.1	1
6604	Coupled Climate and Earth System climate change earth system Models. , 2012, , 2509-2527.		0
6605	Quantifying and Reducing Uncertainty in the Large-Scale Response of the Water Cycle. Space Sciences Series of ISSI, 2012, , 553-575.	0.0	0
6606	Changes in Earth's Energy Flows and Clouds in 228-Year Simulation with a High-Resolution AGCM. Space Sciences Series of ISSI, 2012, , 95-111.	0.0	0
6607	Impact of Snow Depth Initialization on Seasonal Prediction of Surface Air Temperature over East Asia for Winter Season. Atmosphere, 2012, 22, 117-128.	0.3	1
6608	Numerical Investigation of the Interaction Between Land Surface Processes and Climate. , 0, , .		0

#	ARTICLE	IF	CITATIONS
6609	Arctic Sea Ice Decline. , 0, , .		1
6612	Évolution du niveau marin dans les zones intertropicales des océans Pacifique et Indien. Territoire En Mouvement, 2012, , 120-137.	0.1	0
6616	Impacts of Two Types of El Niño on Hydrologic Variability in Annual Maximum Flow and Low Flow in the Han River Basin. Journal of Korea Water Resources Association, 2012, 45, 969-981.	0.3	1
6619	On the Development of 2012 El Niño. Atmosphere, 2012, 22, 465-472.	0.3	1
6620	Long-term Changes in Sea Surface Temperature at Selected Locations in the Sea of Oman and the Arabian Sea off Oman. International Journal of Marine Science, 0, , .	0.0	0
6623	Different Impacts of the Two Phases of El Niño on Variability of Warm Season Rainfall and Frequency of Extreme Events over the Han River Basin. Journal of Korea Water Resources Association, 2013, 46, 123-137.	0.3	1
6634	Ultra-high Resolution Global Model Climate Change Projection for India: Towards a Data Intensive Paradigm. , 2014, , 219-238.		0
6636	Assessing the impacts of changes in the Hadley Circulation on stationary Rossby wave propagation. , 0, , .		0
6637	A Study on Typhoon Impacts in the Nakdong River Basin Associated with Decaying Phases of Central-Pacific El Niño. Journal of the Korean Society of Civil Engineers, 2014, 34, 135.	0.1	0
6642	Influences of atmospheric and oceanic low-frequency climate fluctuations on European winter surface air temperatures (1870-2010). Climate Research, 2014, 59, 117-124.	0.4	0
6646	Long-term changes in tropical oceans accompanied by air-sea interaction. Oceanography in Japan, 2014, 23, 111-125.	0.5	0
6649	Data Revisions and the Statistical Relation of Global Mean Sea-Level and Temperature. SSRN Electronic Journal, 0, , .	0.4	1
6654	Comparative Study on the Seasonal Predictability Dependency of Boreal Winter 2m Temperature and Sea Surface Temperature on CGCM Initial Conditions. Atmosphere, 2015, 25, 353-366.	0.3	1
6671	Studies on High-Resolution Atmospheric and Oceanic General Circulation Models. , 2016, , 49-103.		0
6673	A method for estimating and assessing modes of interannual variability in coupled climate models. ANZIAM Journal, 0, 56, 369.	0.0	0
6675	APPLICATION OF MACHINE LEARNING TO THE PREDICTION OF VEGETATION HEALTH. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 465-469.	0.2	2
6676	Is summer sea surface temperature over the Arctic Ocean connected to winter air temperature over North America?. Climate Research, 2016, 70, 19-27.	0.4	0
6678	An intermediate complexity AGCM simulations of climate response to a doubling of atmospheric carbon dioxide. Geofizika, 2017, 34, 175-197.	0.1	0

#	ARTICLE	IF	CITATIONS
6680	Iceberg Melting and Climate Change in NW Atlantic Waters. <i>TransNav</i> , 2018, 12, 459-467.	0.3	0
6681	A 180-year-long isotopic record of tree-ring cellulose on Okinawa Island, Japan. <i>Geochemical Journal</i> , 2018, 52, e21-e27.	0.5	0
6682	Teleconnection Among Various Modes. <i>Springer Atmospheric Sciences</i> , 2018, , 39-52.	0.4	0
6686	EVALUATION OF AMIP-TYPE ATMOSPHERIC FIELDS AS FORCING FOR. <i>Annals of Geophysics</i> , 2018, 61, .	0.5	0
6687	STUDY OF THE ROLE OF GLOBAL AND REGIONAL FACTORS IN CHANGING THE EXTREMES OF SUMMER PRECIPITATION ON THE BLACK SEA COAST OF THE CAUCASUS WITH THE USE OF RESULTS OF EXPERIMENTS WITH THE CLIMATE MODEL. <i>Fundamental and Applied Climatology</i> , 2019, 3, 59-75.	0.2	2
6688	Decadal Variations of Winter Extreme Cold Days in Northern China. <i>Journal of Geoscience and Environment Protection</i> , 2019, 07, 241-250.	0.2	3
6689	Atlantic Warming Since the Little Ice Age. <i>Oceanography</i> , 2019, 32, 220-230.	0.5	2
6690	Data and Methodology. <i>Springer Theses</i> , 2020, , 55-77.	0.0	0
6691	Correcting the Multi-model Ensemble Tropical Pacific SST Warming Pattern. <i>Springer Theses</i> , 2020, , 65-75.	0.0	0
6693	Sea Ice Modelling. <i>Springer Polar Sciences</i> , 2020, , 315-387.	0.0	3
6694	Changes in Arctic Sea Ice Cover in the Twentieth and Twenty-First Centuries. <i>Springer Polar Sciences</i> , 2020, , 93-166.	0.0	1
6695	Current and Projected Sea Ice in the Arctic in the Twenty-First Century. <i>Springer Polar Sciences</i> , 2020, , 399-463.	0.0	4
6696	Can changes in forest management contribute to the reduction of CO2 in the atmosphere? Literature review, discussion and Polish example. <i>Folia Forestalia Polonica, Series A</i> , 2019, 61, 299-318.	0.1	2
6697	A Successful Renal Transplant in a Pediatric Patient With Glanzmann Thrombasthenia and Hyperimmunization. <i>Experimental and Clinical Transplantation</i> , 2019, 17, 831-834.	0.2	0
6698	Global Weather and Climate in the Light of El Niño-Southern Oscillation. <i>Advances in Dynamics, Patterns, Cognition</i> , 2020, , 139-172.	0.2	0
6700	GÅ¶kÅšeada SÅ±caklÅ±k ve Deniz Suyu SÅ±caklÅ±klarÅ±n EÄYilim Analizi. <i>HaliÅš Åœeniversitesi Fen Bilimleri Dergisi</i> , 2020, 3, 1-17.	0.2	2
6702	Recent Arctic Ocean Surface Air Temperatures in Atmospheric Reanalyses and Numerical Simulations. <i>Journal of Climate</i> , 2020, 33, 4347-4367.	1.2	8
6706	The Impact of SST on the Zonal Variability of the Western Pacific Subtropical High in Boreal Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031720.	1.2	5

#	ARTICLE	IF	CITATIONS
6707	An interdecadal extension of the Indo-Pacific warm pool and its strengthened influence on the South China Sea summer monsoon since the late 1980s. <i>Environmental Research Letters</i> , 2020, 15, 064015.	2.2	11
6708	Rainfall Variation in Major River Basins in India and the Association with the Indo-Pacific Oceans. <i>Journal of Coastal Research</i> , 2020, 89, 1.	0.1	0
6709	Estimating Red Noise Spectrum of Time Series Using Bayesian Inference. , 2020, , .		1
6710	Inconsistent Variations Between the Northern and Southern North Pacific Storm Track. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	0
6711	Predictability of the Chile NiÃ±o/NiÃ±a. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095309.	1.5	2
6712	Iodine chemistry in the chemistryâ€‘climate model SOCOL-AERv2-I. <i>Geoscientific Model Development</i> , 2021, 14, 6623-6645.	1.3	12
6713	Analysis of Ningaloo NiÃ±o simulated by two coupled models of FGOALS3. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 194, 104988.	0.6	1
6714	Climate-assisted persistence of tropical fish vagrants in temperate marine ecosystems. <i>Communications Biology</i> , 2021, 4, 1231.	2.0	5
6715	Effects of Arctic sea ice in autumn on extreme cold events over the Tibetan Plateau in the following winter: possible mechanisms. <i>Climate Dynamics</i> , 2022, 58, 2281-2292.	1.7	6
6716	Century-long cooling trend in subpolar North Atlantic forced by atmosphere: an alternative explanation. <i>Climate Dynamics</i> , 2022, 58, 2249-2267.	1.7	16
6717	Indo-Pacific Walker circulation drove Pleistocene African aridification. <i>Nature</i> , 2021, 598, 618-623.	13.7	17
6718	Eastward Shift of Interannual Climate Variability in the South Indian Ocean since 1950. <i>Journal of Climate</i> , 2021, , 1-46.	1.2	4
6719	Fast local warming is the main driver of recent deoxygenation in the northern Arabian Sea. <i>Biogeosciences</i> , 2021, 18, 5831-5849.	1.3	23
6720	Attributing the 2015/2016 Amazon basin drought to anthropogenic influence. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	0.9	5
6721	Defining the Internal Component of Atlantic Multidecadal Variability in a Changing Climate. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095023.	1.5	19
6722	Implementation and evaluation of a double-plume convective parameterization in NCAR CAM5. <i>Journal of Climate</i> , 2021, , 1-51.	1.2	3
6723	A dynamic and thermodynamic coupling view of the linkages between Eurasian cooling and Arctic warming. <i>Climate Dynamics</i> , 2022, 58, 2725-2744.	1.7	19
6724	Conservation threats. , 2020, , 159-202.		0

#	ARTICLE	IF	CITATIONS
6726	Increasing frequency in off-season tropical cyclones and its relation to climate variability and change. <i>Weather and Climate Dynamics</i> , 2020, 1, 745-757.	1.2	4
6727	Forced Decadal Changes in Summer Precipitation Characteristics over China: The Roles of Greenhouse Gases and Anthropogenic Aerosols. <i>Journal of Meteorological Research</i> , 2020, 34, 1226-1241.	0.9	3
6728	Retrieval of Oceanic Skin Sea Surface Temperature using Infrared Sea Surface Temperature Autonomous Radiometer (ISAR) Radiance Measurements. <i>Journal of the Korean Earth Science Society</i> , 2020, 41, 617-629.	0.0	0
6729	Dual response of Arabian Sea cyclones and strength of Indian monsoon to Southern Atlantic Ocean. <i>Climate Dynamics</i> , 2021, 56, 2149-2161.	1.7	12
6730	Assessment of responses of North Atlantic winter sea surface temperature to the North Atlantic Oscillation on an interannual scale in 13 CMIP5 models. <i>Ocean Science</i> , 2020, 16, 1509-1527.	1.3	6
6731	Increased cyclone destruction potential in the Southern Indian Ocean. <i>Environmental Research Letters</i> , 2021, 16, 014027.	2.2	9
6732	A Dipole Mode of Spring Precipitation between Southern China and Southeast Asia Associated with the Eastern and Central Pacific Types of ENSO. <i>Journal of Climate</i> , 2020, 33, 10097-10111.	1.2	9
6733	Future Changes in the Impact of North Pacific Midlatitude Oceanic Frontal Intensity on the Wintertime Storm Track in CMIP5 Models. <i>Journal of Meteorological Research</i> , 2020, 34, 1199-1213.	0.9	2
6734	A Stepwise and Dynamic C-Vine Copula-Based Approach for Nonstationary Monthly Streamflow Forecasts. <i>Journal of Hydrologic Engineering - ASCE</i> , 2022, 27, .	0.8	4
6735	Past Antarctic ice sheet dynamics (PAIS) and implications for future sea-level change. , 2022, , 689-768.		6
6736	A collaborative framework among data producers, managers, and users. , 2022, , 197-280.		2
6737	Spatio-Temporal Variability of Seasonal Drought Over the Dobrogea Region. , 2020, , 590-617.		0
6738	Global Bromine- and Iodine-Mediated Tropospheric Ozone Loss Estimated Using the CHASER Chemical Transport Model. <i>Scientific Online Letters on the Atmosphere</i> , 2020, 16, 220-227.	0.6	6
6740	Potential connections between atmospheric rivers in China and Australia. <i>Journal of Southern Hemisphere Earth Systems Science</i> , 2020, 70, 36.	0.7	3
6741	The combined effect of climate oscillations in producing extremes: the 2020 drought in southern Brazil. <i>Revista Brasileira De Recursos Hidricos</i> , 0, 25, .	0.5	14
6743	Decadal Shift in the Relationship between Winter Arctic Oscillation and Central Indian Ocean Precipitation during the Early 2000s. <i>Journal of Meteorological Research</i> , 2021, 35, 857-867.	0.9	2
6744	Regional impacts of COVID-19 on carbon dioxide detected worldwide from space. <i>Science Advances</i> , 2021, 7, eabf9415.	4.7	33
6745	Dynamic Causes of ENSO Decay and Its Asymmetry. <i>Journal of Climate</i> , 2022, 35, 445-462.	1.2	11

#	ARTICLE	IF	CITATIONS
6746	The Influence of Interannual and Decadal Indo-Pacific Sea Surface Temperature Variability on Australian Monsoon Rainfall. <i>Journal of Climate</i> , 2022, 35, 425-444.	1.2	12
6747	Simulation of Indian summer monsoon rainfall, interannual variability and teleconnections: evaluation of CMIP6 models. <i>Climate Dynamics</i> , 2022, 58, 2693-2723.	1.7	19
6748	Attribution of the seasonality of atmospheric heating changes over the western tropical Pacific with a focus on the spring season. <i>Climate Dynamics</i> , 2022, 58, 2575-2592.	1.7	6
6749	Three Types of Positive Indian Ocean Dipoles and Their Relationships with the South Asian Summer Monsoon. <i>Journal of Climate</i> , 2022, 35, 405-424.	1.2	17
6750	The Combined Effects of ENSO and Solar Activity on Mid-Winter Precipitation Anomalies Over Southern China. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	3
6751	The Increasing Frequency of Tropical Cyclones in the Northeastern Atlantic Sector. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
6752	Interdecadal change in the effect of Tibetan Plateau snow cover on spring precipitation over Eastern China around the early 1990s. <i>Climate Dynamics</i> , 2022, 58, 2807-2824.	1.7	12
6753	Interdecadal Changes in the Relationship between Wintertime Surface Air Temperature over the Indo-China Peninsula and ENSO. <i>Journal of Climate</i> , 2022, 35, 975-995.	1.2	4
6754	The role of atmospheric drivers in a sudden transition of California precipitation in the 2012/13 winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035028.	1.2	3
6755	Microbial plankton responses to multiple environmental drivers in marine ecosystems with different phosphorus limitation degrees. <i>Science of the Total Environment</i> , 2022, 816, 151491.	3.9	7
6756	Hydroclimate proxies for eastern Australia using stable isotopes in grey mangroves (<i>Avicennia</i>) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 342	1.6	1
6757	The interactive global fire module pyrE (v1.0). <i>Geoscientific Model Development</i> , 2020, 13, 3091-3118.	1.3	1
6758	Spatio-Temporal Variability of Seasonal Drought over the Dobrogea Region. , 0, , 17-51.		0
6759	Analysis of Ocean in Situ Observations and Web-Based Visualization. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 0, , 345-371.	0.3	2
6760	The Preferred Structure of the Interannual Indian Monsoon Variability. , 2007, , 1717-1732.		3
6761	Changes of Diurnal Temperature Range in Taiwan and Their Large-Scale Associations: Univariate and Multivariate Trend Analyses. <i>Journal of the Meteorological Society of Japan</i> , 0, 999992, 99203-99226.	0.7	0
6762	Impact of ocean model resolution on understanding the delayed warming of the Southern Ocean. <i>Environmental Research Letters</i> , 2020, 15, 114012.	2.2	4
6763	Applications of matrix factorization methods to climate data. <i>Nonlinear Processes in Geophysics</i> , 2020, 27, 453-471.	0.6	1

#	ARTICLE	IF	CITATIONS
6764	ENSO Precipitation Anomalies along the Equatorial Pacific: Moist Static Energy Framework Diagnostics. <i>Journal of Climate</i> , 2020, 33, 9103-9127.	1.2	1
6765	Strengthened Linkage between November/December North Atlantic Oscillation and Subsequent January European Precipitation after the Late 1980s. <i>Journal of Climate</i> , 2020, 33, 8281-8300.	1.2	5
6766	Modulations of North American and European Weather Variability and Extremes by Interdecadal Variability of the Atmospheric Circulation over the North Atlantic Sector. <i>Journal of Climate</i> , 2020, 33, 8125-8146.	1.2	2
6767	Paleoclimate Constraints on the Spatiotemporal Character of Past and Future Droughts. <i>Journal of Climate</i> , 2020, 33, 9883-9903.	1.2	13
6768	Biases in CMIP5 Sea Surface Temperature and the Annual Cycle of East African Rainfall. <i>Journal of Climate</i> , 2020, 33, 8209-8223.	1.2	6
6769	Opposite Effects of ENSO on the Rainfall over the Northern and Equatorial Great Horn of Africa and Possible Causes. <i>Advances in Meteorology</i> , 2020, 2020, 1-16.	0.6	2
6770	Modulation of springtime surface sensible heating over the Tibetan Plateau on the interannual variability of East Asian dust cycle. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11143-11159.	1.9	3
6771	Effect of changing ocean circulation on deep ocean temperature in the last millennium. <i>Earth System Dynamics</i> , 2020, 11, 925-951.	2.7	2
6772	Observations of planetary heating since the 1980s from multiple independent datasets. <i>Environmental Research Communications</i> , 2020, 2, 101001.	0.9	5
6773	Variations of Seasonal Precipitation in the Yellow River Basin and Its Relationship to General Circulation and SST. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 383, 5-12.	1.0	1
6774	The Interdecadal Change of Relationship Between Summer Water Vapor Content Over Tibetan Plateau and Spring Sea Surface Temperature in Indian Ocean. <i>Frontiers in Earth Science</i> , 0, 8, .	0.8	6
6775	Recent changes in pan-Antarctic region surface snowmelt detected by AMSR-E and AMSR2. <i>Cryosphere</i> , 2020, 14, 3811-3827.	1.5	11
6776	Effects of the Tibetan Plateau on Climate. <i>Springer Climate</i> , 2021, , 205-252.	0.3	2
6777	Effects of the Pacific Decadal Oscillation on the Characteristics of Two Types of El Niño under Possible Climate Change. <i>Russian Meteorology and Hydrology</i> , 2020, 45, 683-693.	0.2	2
6779	Variability of the Oceans. , 2020, , 1-53.		2
6780	Teleconnections in the Atmosphere. , 2020, , 54-88.		2
6781	Atmosphere–Ocean Interactions. , 2020, , 89-119.		2
6782	Interacting Interannual Variability of the Pacific and Atlantic Oceans. , 2020, , 120-152.		2

#	ARTICLE	IF	CITATIONS
6783	The Arctic Mediterranean. , 2020, , 186-215.		1
6784	Combined Oceanic Influences on Continental Climates. , 2020, , 216-257.		2
6785	Basin Interactions and Predictability. , 2020, , 258-292.		3
6786	Climate Change and Impacts on Variability and Interactions. , 2020, , 293-337.		0
6788	Potential utility of Himalayan tree-ring $\delta^{18}O$ to reveal spatial patterns of past drought variability—its assessments and implications. , 2022, , 265-293.		0
6789	Decadal change of extreme consecutive dry days in spring over the middle and lower reaches of the Yangtze River around the early 2000s: The synergistic effect of mega-El Niño/Southern Oscillation, Atlantic Multidecadal Oscillation, and Arctic sea ice. Atmospheric Research, 2022, 266, 105936.	1.8	11
6790	Statistical prediction of Sri Lankan rainfall during October to December. Mausam, 2020, 71, 491-502.	0.1	0
6791	Precipitation Changes in Semi-arid Regions in East Asia Under Global Warming. Frontiers in Earth Science, 2021, 9, .	0.8	3
6792	Uncertainty in El Niño-like warming and California precipitation changes linked by the Interdecadal Pacific Oscillation. Nature Communications, 2021, 12, 6484.	5.8	15
6793	Large-scale circulations associated with recent interannual variability of the short rains over East Africa. Meteorology and Atmospheric Physics, 2022, 134, 1.	0.9	13
6795	The Indian summer monsoon rainfall and ENSO. Mausam, 2021, 70, 443-452.	0.1	37
6796	Possible Causes of Extremely Warm Early Summer in North China During Cold and Warm Periods. Frontiers in Climate, 2021, 3, .	1.3	0
6797	Contribution of the Southern Annular Mode to Variations in Water Isotopes of Daily Precipitation at Dome Fuji, East Antarctica. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035397.	1.2	5
6798	Poleward Shift in Tropical Cyclone Tracks in the Northwest Pacific During Warm Periods: Past and Future. Paleogeography and Paleoclimatology, 2021, 36, e2021PA004367.	1.3	6
6799	The mathematical study of climate change model under nonlocal fractional derivative. Partial Differential Equations in Applied Mathematics, 2022, 5, 100204.	1.3	10
6800	Warm and cold episodes in western Pacific warm pool and their linkage with ENSO asymmetry and diversity. Journal of Geophysical Research: Oceans, 0, , .	1.0	1
6801	Impact of October Snow Cover in Central Siberia on the Following Spring Extreme Precipitation Frequency in Southern China. Frontiers in Earth Science, 2021, 9, .	0.8	0
6802	Pacific Warming Pattern Diversity Modulated by Indo-Pacific Sea Surface Temperature Gradient. Geophysical Research Letters, 2021, 48, e2021GL095516.	1.5	5

#	ARTICLE	IF	CITATIONS
6803	MJO propagation over the Indian Ocean and Western Pacific in CMIP5 Models: Roles of Background States. <i>Journal of Climate</i> , 2021, , 1-46.	1.2	1
6804	Seasonal Change in Satelliteâ€Retrieved Lowerâ€Tropospheric Iceâ€Cloud Fraction Over the Southern Ocean. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	5
6805	Climatological and Seasonal Variations of the Tropical Cyclone Genesis Potential Index Based on Oceanic Parameters in the Global Ocean. <i>Journal of Ocean University of China</i> , 2021, 20, 1307-1315.	0.6	0
6806	Modulation of coupled modes of Tibetan Plateau heating and Indian Summer Monsoon on summer rainfall over Central Asia. <i>Journal of Climate</i> , 2021, , 1-54.	1.2	3
6807	A skillful method for precipitation prediction over eastern China. <i>Atmospheric and Oceanic Science Letters</i> , 2022, 15, 100133.	0.5	6
6808	Changing Impacts of Tropical Cyclones on East and Southeast Asian Inland Regions in the Past and a Globally Warmed Future Climate. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	16
6809	The Variability of Summer Atmospheric Water Cycle over the Tibetan Plateau and Its Response to the Indo-Pacific Warm Pool. <i>Remote Sensing</i> , 2021, 13, 4676.	1.8	0
6810	Sea Ice Variability and Trends in the Western Indian Ocean Sector of Antarctica During the Past Two Centuries and Its Response to Climatic Modes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, .	1.2	6
6811	Globally resolved surface temperatures since the Last Glacial Maximum. <i>Nature</i> , 2021, 599, 239-244.	13.7	193
6812	Remote forcing effect of sea surface temperatures in the northern tropical Atlantic on tropical cyclone genesis over the Western North Pacific in July. <i>International Journal of Climatology</i> , 2022, 42, 3666-3680.	1.5	3
6813	Exploring the uncertainties in the aviation sootâ€cirrus effect. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17267-17289.	1.9	12
6814	Role of Oceanic Memory Effects in the Barents Sea in the Seasonal Linkage Between the Winter and Summer Arctic Oscillation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034799.	1.2	0
6815	The causal role of South China Sea on the Pacificâ€North American teleconnection pattern. <i>Climate Dynamics</i> , 2022, 59, 1815-1832.	1.7	6
6816	The Phaseâ€Locking of Tropical North Atlantic and the Contribution of ENSO. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095610.	1.5	4
6817	A weather regime characterisation of winter biomass aerosol transport from southern Africa. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16575-16591.	1.9	2
6819	Impact of internal climate variability on the relationship between spring northern tropical Atlantic SST anomalies and succedent winter ENSO: the role of the North Pacific Oscillation. <i>Journal of Climate</i> , 2021, , 1-80.	1.2	2
6820	Shifting seasonality of cyclones and western boundary current interactions in Bay of Bengal as observed during Amphan and Fani. <i>Scientific Reports</i> , 2021, 11, 22052.	1.6	14
6821	Tree-ring oxygen isotopes record a decrease in Amazon dry season rainfall over the past 40Âyears. <i>Climate Dynamics</i> , 2022, 59, 1401-1414.	1.7	10

#	ARTICLE	IF	CITATIONS
6822	Interactive influence of ENSO and IOD on contiguous heatwaves in Australia. <i>Environmental Research Letters</i> , 2022, 17, 014004.	2.2	15
6823	NorCPM1 and its contribution to CMIP6 DCP. <i>Geoscientific Model Development</i> , 2021, 14, 7073-7116.	1.3	32
6824	Mechanisms of Internal Atlantic Multidecadal Variability in HadGEM3-GC3.1 at Two Different Resolutions. <i>Journal of Climate</i> , 2022, 35, 1365-1383.	1.2	6
6826	Dipole pattern of summer ozone pollution in the east of China and its connection with climate variability. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16349-16361.	1.9	8
6827	Delayed Impacts of Arctic Sea Ice Loss on Eurasian Severe Cold Winters. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035286.	1.2	4
6828	Interannual Variation in Moisture Sources for the First Rainy Season in South China Estimated by the FLEXPART Model. <i>Journal of Climate</i> , 2022, 35, 745-761.	1.2	8
6829	Double Intertropical Convergence Zones in Coupled Ocean-Atmosphere Models: Progress in CMIP6. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094779.	1.5	10
6830	Origin and dynamics of global atmospheric wavenumber-4 in the Southern mid-latitude during austral summer. <i>Climate Dynamics</i> , 2022, 59, 1309-1322.	1.7	4
6831	Meridional migration of ENSO impact on tropical Atlantic precipitation controlled by the seasonal cycle. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096365.	1.5	1
6832	Modeling the Sulfate Aerosol Evolution After Recent Moderate Volcanic Activity, 2008-2012. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035472.	1.2	7
6833	Constraining decadal variability yields skillful projections of near-term climate change. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094915.	1.5	8
6834	Role of the Bay of Bengal warming in the Indian summer monsoon rainfall trend. <i>Climate Dynamics</i> , 2022, 59, 1733-1751.	1.7	9
6835	On the next generation (NextGen) seasonal prediction system to enhance climate services over Ethiopia. <i>Climate Services</i> , 2021, 24, 100272.	1.0	15
6836	Famines and likelihood of consecutive megadroughts in India. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	5
6837	Contrasting Effects of Indian Ocean Basin and Dipole Modes on the Stratosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035156.	1.2	1
6838	Responses of surface ozone to future agricultural ammonia emissions and subsequent nitrogen deposition through terrestrial ecosystem changes. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17743-17758.	1.9	5
6839	Reduced El Niño variability in the mid-Pliocene according to the PlioMIP2 ensemble. <i>Climate of the Past</i> , 2021, 17, 2427-2450.	1.3	10
6840	Learning stochastic closures using ensemble Kalman inversion. <i>Transactions of Mathematics and Its Applications</i> , 2021, 5, .	1.6	9

#	ARTICLE	IF	CITATIONS
6842	Oceanic Rossby waves drive inter-annual predictability of net primary production in the central tropical Pacific. <i>Environmental Research Letters</i> , 2022, 17, 014030.	2.2	3
6843	Recent Eurasian winter cooling partly caused by internal multidecadal variability amplified by Arctic sea ice-air interactions. <i>Climate Dynamics</i> , 2022, 58, 3261-3277.	1.7	15
6844	Interannual variability of the thermocline depth in the south-central Indian Ocean: Respective influences of IOD and ENSO. <i>International Journal of Climatology</i> , 2022, 42, 5111-5120.	1.5	1
6845	Assessment of Indian Ocean upwelling changes and its relationship with the Indian monsoon. <i>Global and Planetary Change</i> , 2022, 208, 103729.	1.6	7
6846	Scandinavian Forest Fire Activity Correlates with Proxies of the Baffin Bay Ice Cover. <i>Forests</i> , 2022, 13, 60.	0.9	1
6847	Varying relationships between fish length and scale size under changing environmental conditions – Multidecadal perspective in Atlantic herring. <i>Ecological Indicators</i> , 2022, 134, 108494.	2.6	7
6848	Oceanic and land relay effects linking spring tropical Indian Ocean sea surface temperature and summer Tibetan Plateau precipitation. <i>Atmospheric Research</i> , 2022, 266, 105953.	1.8	8
6849	Interaction between the Tropical Atlantic and Pacific Oceans on an Interannual Time Scale. <i>Atmosphere - Ocean</i> , 2021, 59, 285-298.	0.6	2
6850	Suitability of the Coralline Alga <i>Clathromorphum compactum</i> as an Arctic Archive for Past Sea Ice Cover. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	5
6851	Biased Estimates of Equilibrium Climate Sensitivity and Transient Climate Response Derived From Historical CMIP6 Simulations. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	15
6852	Optimal Growth of IPV Lags AMV Modulations by up to a Decade. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	6
6853	The Weakening Relationship between ENSO and the South China Sea Summer Monsoon Onset in Recent Decades. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 443-455.	1.9	13
6854	Why the droughts of the Indian summer monsoon are more severe than the floods. <i>Climate Dynamics</i> , 2022, 58, 3497-3512.	1.7	3
6855	Diversity of ENSO-Related Surface Temperature Response in Future Projection in CMIP6 Climate Models: Climate Change Scenario Versus ENSO Intensity. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
6856	Interannual characteristics of rainfall over Madagascar and its relationship with the Indian Ocean sea surface temperature variation. <i>Theoretical and Applied Climatology</i> , 2022, 148, 349-362.	1.3	3
6857	A Statistical Intraseasonal Prediction Model of Extended Boreal Summer Western North Pacific Tropical Cyclone Genesis. <i>Journal of Climate</i> , 2022, 35, 2459-2478.	1.2	13
6858	A Decadal Weakening in the Connection between ENSO and the Following Spring SST over the Northeast Tropical Atlantic after the Mid-1980s. <i>Journal of Climate</i> , 2022, 35, 2867-2881.	1.2	2
6859	Variation in precipitation over Songhua River Basin and its relationship with north Tropical Atlantic sea surface temperature anomalies during boreal spring. <i>Theoretical and Applied Climatology</i> , 2022, 148, 211.	1.3	1

#	ARTICLE	IF	CITATIONS
6860	Increased ENSO sea surface temperature variability under four IPCC emission scenarios. <i>Nature Climate Change</i> , 2022, 12, 228-231.	8.1	85
6861	Modulation of the interdecadal variation of atmospheric background flow on the recent recovery of the EAWM during the 2000s and its link with North Atlanticâ€™ Arctic warming. <i>Climate Dynamics</i> , 2022, 59, 561-578.	1.7	5
6862	Revisiting ENSO and IOD Contributions to Australian Precipitation. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	9
6863	A waveform skewness index for measuring time series nonlinearity and its applications to the ENSOâ€™ Indian monsoon relationship. <i>Nonlinear Processes in Geophysics</i> , 2022, 29, 1-15.	0.6	1
6864	Response of convective systems to the orbital forcing of the last interglacial in a global nonhydrostatic atmospheric model with and without a convective parameterization. <i>Climate Dynamics</i> , 2022, 59, 1617-1648.	1.7	3
6865	Interannual temperature variability is a principal driver of low-frequency fluctuations in marine fish populations. <i>Communications Biology</i> , 2022, 5, 28.	2.0	9
6866	The effect of sea surface temperature on the structure and connectivity of species landings interaction networks in a multispecies recreational fishery.. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 0, , .	0.7	0
6867	Impacts of global warming on Meiyuâ€™ Baiu extreme rainfall and associated mid-latitude synoptic-scale systems as inferred from 20km AGCM simulations. <i>Climate Dynamics</i> , 2022, 59, 1849-1861.	1.7	2
6868	Increasing Frequency of Extremely Severe Cyclonic Storms in the North Indian Ocean by Anthropogenic Warming and Southwest Monsoon Weakening. <i>Geophysical Research Letters</i> , 2022, 49, e2021GL094650.	1.5	8
6869	Long-term trend of water vapor over the Tibetan Plateau in boreal summer under global warming. <i>Science China Earth Sciences</i> , 2022, 65, 662-674.	2.3	14
6870	The Role of Seasonality and the ENSO Mode in Central and East Pacific ENSO Growth and Evolution. <i>Journal of Climate</i> , 2022, 35, 3195-3209.	1.2	9
6871	Increased Fire Activity in Alaska Since the 1980s: Evidence From an Ice Coreâ€™Derived Black Carbon Record. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	7
6872	Impacts of the East Asian winter monsoon on winter precipitation variability over East Asia-western North Pacific. <i>Climate Dynamics</i> , 0, , 1.	1.7	2
6873	Sea Surface Temperature Variability and Marine Heat Waves over the Aegean, Ionian, and Cretan Seas from 2008â€™2021. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 42.	1.2	24
6874	Pacific multidecadal (50â€™70 year) variability instigated by volcanic forcing during the Little Ice Age (1250â€™1850). <i>Climate Dynamics</i> , 2022, 59, 231-244.	1.7	13
6875	Sudden stratospheric warmings during El NiÃ±o and La NiÃ±a: sensitivity to atmospheric model biases. <i>Weather and Climate Dynamics</i> , 2022, 3, 45-58.	1.2	5
6876	Decadal variation of the precipitation relationship between June and August over South China and its mechanism. <i>Climate Dynamics</i> , 0, , 1.	1.7	6
6877	Investigating air-sea interactions in the North Pacific on interannual timescales during boreal winter. <i>Atmospheric Research</i> , 2022, 269, 106043.	1.8	3

#	ARTICLE	IF	CITATIONS
6878	Mechanisms of Regional Arctic Sea Ice Predictability in Two Dynamical Seasonal Forecast Systems. <i>Journal of Climate</i> , 2022, 35, 4207-4231.	1.2	6
6879	Sea-ice retreat suggests re-organization of water mass transformation in the Nordic and Barents Seas. <i>Nature Communications</i> , 2022, 13, 67.	5.8	19
6880	Influence of Anthropogenic Warming on the Atlantic Multidecadal Variability and Its Impact on Global Climate in the Twenty-First Century in the MPI-GE Simulations. <i>Journal of Climate</i> , 2022, 35, 2805-2821.	1.2	3
6881	Erratic Asian summer monsoon 2020: COVID-19 lockdown initiatives possible cause for these episodes?. <i>Climate Dynamics</i> , 2022, 59, 1339-1352.	1.7	17
6882	Seasonal Predictability of Lightning Over the Global Hotspot Regions. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
6883	Tropical, Subtropical, and Extratropical Atmospheric Rivers in the Australian Region. <i>Journal of Climate</i> , 2022, 35, 2697-2708.	1.2	13
6884	Improved Simulation of ENSO Variability Through Feedback From the Equatorial Atlantic in a Pacemaker Experiment. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
6885	AMOC modes linked with distinct North Atlantic deep water formation sites. <i>Climate Dynamics</i> , 2022, 59, 837-849.	1.7	5
6886	On the role of Eurasian autumn snow cover in dynamical seasonal predictions. <i>Climate Dynamics</i> , 2022, 58, 2031-2045.	1.7	6
6887	Subseasonal variations of Eurasian wintertime surface air temperature: two distinct leading modes. <i>Climate Dynamics</i> , 2022, 59, 85-108.	1.7	11
6888	Recent Hadley Circulation Strengthening: A Trend or Multidecadal Variability?. <i>Journal of Climate</i> , 2022, 35, 4157-4176.	1.2	8
6889	Seasonality in the relationship between equatorial-mean heat content and interannual eastern equatorial Atlantic sea surface temperature variability. <i>Climate Dynamics</i> , 0, , 1.	1.7	1
6890	Different processes of occurrence of cold events over East Asia in El Niño and La Niña winters. <i>Climate Dynamics</i> , 2022, 58, 3139-3154.	1.7	10
6891	Oxygen isotope temperature calibrations for modern <i>Tridacna</i> shells in western Pacific. <i>Coral Reefs</i> , 2022, 41, 113.	0.9	1
6892	Diagnosing SST Error Growth during ENSO Developing Phase in the BCC_CSM1.1(m) Prediction System. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 427-442.	1.9	3
6893	Cold Air Outbreaks in Fram Strait: Climatology, Trends, and Observations During an Extreme Season in 2020. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	8
6894	The pacific decadal precession and its relationship to tropical pacific decadal variability in CMIP6 models. <i>Climate Dynamics</i> , 0, , 1.	1.7	0
6895	Decadal Temperature Variations Over the Northwestern Tibetan Plateau Deduced From a 489-Year Ice Core Stable Isotopic Record. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	1

#	ARTICLE	IF	CITATIONS
6896	The modulation of Interdecadal Pacific Oscillation and Atlantic Multidecadal Oscillation on winter Eurasian cold anomaly via the Ural blocking change. <i>Climate Dynamics</i> , 2022, 59, 127-150.	1.7	10
6897	Two Types of the East Asian Cold Surge and Their Impacts on El Niño. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	8
6898	Decadal Variability of Winter Warm Arctic–Cold Eurasia Dipole Patterns Modulated by Pacific Decadal Oscillation and Atlantic Multidecadal Oscillation. <i>Earth's Future</i> , 2022, 10, .	2.4	20
6899	Water level change of Lake Tana, source of the Blue Nile: Prediction using teleconnections with sea surface temperatures. <i>Journal of Great Lakes Research</i> , 2022, 48, 468-477.	0.8	5
6900	The Influence of the Trend, Basin Interactions, and Ocean Dynamics on Tropical Ocean Prediction. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
6902	Synchronous Variation Patterns of Monthly Sea Ice Anomalies at the Arctic and Antarctic. <i>Journal of Climate</i> , 2022, 35, 2823-2847.	1.2	3
6903	Possible Impacts of Spring Subtropical Indian Ocean Dipole on the Summer Tropical Cyclone Genesis Frequency over the Western North Pacific. <i>International Journal of Climatology</i> , 0, .	1.5	3
6904	The Ensemble Oceanic Niño Index. <i>International Journal of Climatology</i> , 2022, 42, 5321-5341.	1.5	8
6905	Resolution dependence of tropical cyclones simulated by a spectral cumulus parameterization. <i>Dynamics of Atmospheres and Oceans</i> , 2022, 97, 101283.	0.7	1
6906	The dominant modes of the long rains interannual variability over Tanzania and their oceanic drivers. <i>International Journal of Climatology</i> , 2022, 42, 5273-5292.	1.5	6
6907	Global Snowmelt Onset Reflects Climate Variability: Insights from Spaceborne Radiometer Observations. <i>Journal of Climate</i> , 2022, 35, 2945-2959.	1.2	5
6908	The recent normalization of historical marine heat extremes. , 2022, 1, e0000007.		19
6909	Contrasting changes in precipitation events during active and break spells of Indian summer monsoon in recent decades. <i>Climate Dynamics</i> , 2022, 59, 887-902.	1.7	5
6910	Decadal Background for Active Extreme Drought Episodes in the Decade of 2010–19 over Southeastern Mainland Asia. <i>Journal of Climate</i> , 2022, 35, 2785-2803.	1.2	3
6911	Destructive Interference of ENSO on North Pacific SST and North American Precipitation Associated with Aleutian Low Variability. <i>Journal of Climate</i> , 2022, 35, 3567-3585.	1.2	6
6912	The Madden–Julian Oscillation in the Energy Exascale Earth System Model Version 1. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	1
6913	Future change in extreme precipitation in East Asian spring and Mei-yu seasons in two high-resolution AGCMs. <i>Weather and Climate Extremes</i> , 2022, 35, 100408.	1.6	8
6914	Wind speed reconstruction from a tree-ring difference index in northeastern Inner Mongolia. <i>Dendrochronologia</i> , 2022, 72, 125938.	1.0	8

#	ARTICLE	IF	CITATIONS
6915	The Advanced Meteorology Explorer: a novel stochastic, gridded daily rainfall generator. <i>Journal of Hydrology</i> , 2022, 607, 127478.	2.3	9
6916	Characterising the seasonal nature of meteorological drought onset and termination across Australia. <i>Journal of Southern Hemisphere Earth Systems Science</i> , 2022, 72, 38-51.	0.7	1
6917	Coupled mode of cloud, atmospheric circulation, and sea ice controlled by wave-3 pattern in Antarctic winter. <i>Environmental Research Letters</i> , 2022, 17, 044053.	2.2	2
6918	The Extraordinary Equatorial Atlantic Warming in Late 2019. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	11
6919	A global perspective on western Mediterranean precipitation extremes. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	10
6920	Predictability of the anomaly pattern of summer extreme high-temperature days over southern China. <i>Climate Dynamics</i> , 2022, 59, 1027-1041.	1.7	7
6921	Enhanced risk of concurrent regional droughts with increased ENSO variability and warming. <i>Nature Climate Change</i> , 2022, 12, 163-170.	8.1	55
6922	Observed southwest monsoon rainfall changes in Sri Lanka and possible mechanisms. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 4165-4175.	1.9	7
6923	El Niño/Southern Oscillation inhibited by submesoscale ocean eddies. <i>Nature Geoscience</i> , 2022, 15, 112-117.	5.4	16
6924	Warming Pattern over the Northern Hemisphere Midlatitudes in Boreal Summer 1979–2020. <i>Journal of Climate</i> , 2022, 35, 3479-3494.	1.2	6
6925	Early summer surface air temperature variability over Pakistan and the role of El Niño–Southern Oscillation teleconnections. <i>International Journal of Climatology</i> , 2022, 42, 5768-5784.	1.5	8
6926	The role of sea surface temperature variability in changes to global surface air temperature related to two periods of warming slowdown since 1940. <i>Climate Dynamics</i> , 0, , 1.	1.7	2
6927	Seasonal forecasts of Eurasian summer heat wave frequency. <i>Environmental Research Communications</i> , 2022, 4, 025007.	0.9	7
6928	Synoptic and Climatic Conditions of an Extreme Snowstorm Event Over Northeast China and Its Climate Predictability. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	0
6929	Last Millennium ENSO Diversity and North American Teleconnections: New Insights From Paleoclimate Data Assimilation. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	3
6930	Impacts of El Niño Diversity on Tropical Cyclone Activity in the Bay of Bengal. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	2
6931	The Equatorial Pacific Cold Tongue Bias in CESM1 and Its Influence on ENSO Forecasts. <i>Journal of Climate</i> , 2022, 35, 3261-3277.	1.2	8
6932	Increasing Incidence of Droughts Since Later Part of Little Ice Age Over North–Western Himalaya, India. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	4

#	ARTICLE	IF	CITATIONS
6933	Robust but weak winter atmospheric circulation response to future Arctic sea ice loss. <i>Nature Communications</i> , 2022, 13, 727.	5.8	67
6934	Distinct Off-Equatorial Zonal Wind Stress and Oceanic Responses for EP- and CP-Type ENSO Events. <i>Journal of Climate</i> , 2022, 35, 1423-1440.	1.2	2
6935	Sexual segregation in a highly pagophilic and sexually dimorphic marine predator. , 0, 1, .		5
6936	Impact of Eurasian autumn snow on the winter North Atlantic Oscillation in seasonal forecasts of the 20th century. <i>Weather and Climate Dynamics</i> , 2021, 2, 1245-1261.	1.2	0
6937	How might a collapse in the Atlantic Meridional Overturning Circulation affect rainfall over tropical South America?. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	0.9	2
6938	Deciphering Temperature Seasonality in Earth's Ancient Oceans. <i>Annual Review of Earth and Planetary Sciences</i> , 2022, 50, 123-152.	4.6	10
6939	Combined Role of Enso and Iod on Compound Drought and Heatwaves in Australia. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
6940	Experience of evaluation of the array of ice data based on the annual course of insolation at the upper boundary of the atmosphere. , 2021, , 1-14.	0.1	0
6941	Applicability of Machine Learning Model to Simulate Atmospheric CO ₂ Variability. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-6.	2.7	6
6942	Study of an Arctic Cyclone-Induced Bromine Explosion Event in Ny-Ålesund, Svalbard. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
6943	Future Changes in Extreme Precipitation and Their Association with Tropical Cyclone Activity over the Western North Pacific and East Asia in 20 km AGCM Simulations. <i>Scientific Online Letters on the Atmosphere</i> , 2022, 18, 58-64.	0.6	1
6944	Reversal of monthly East Asian winter air temperature in 2020/21 and its predictability. <i>Atmospheric and Oceanic Science Letters</i> , 2022, 15, 100142.	0.5	10
6945	El Niño Southern Oscillation and the Transatlantic Slave Trade. <i>Weather, Climate, and Society</i> , 2022, 14, 257-271.	0.5	0
6946	2021 Texas Cold Snap: Manifestation of Natural Variability and a Recent Warming Trend. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
6947	Incorporating environmental covariates into a Bayesian stock production model for the endangered Cumberland Sound beluga population. <i>Endangered Species Research</i> , 2022, 48, 51-65.	1.2	1
6948	Causes of Interannual Variability of Summer Precipitation Intraseasonal Oscillation Intensity over Southwest China. <i>Journal of Climate</i> , 2022, 35, 3705-3723.	1.2	8
6949	Response of East Asian Summer Precipitation to Intermediate SST Anomalies while El Niño Decays and Dependence on Type of Events. <i>Journal of Climate</i> , 2022, 35, 3845-3860.	1.2	1
6950	Two-tiered reconstruction of Late Pleistocene to Holocene changes in the freezing level height in the largest glacierized areas of the Colombian Andes. <i>Journal of Mountain Science</i> , 2022, 19, 615-636.	0.8	0

#	ARTICLE	IF	CITATIONS
6951	The SST-Wind Causal Relationship during the Development of the IOD in Observations and Model Simulations. <i>Remote Sensing</i> , 2022, 14, 1064.	1.8	2
6952	Observed Zonal Variations of the Relationship between ITCZ Position and Meridional Temperature Contrast. <i>Climate</i> , 2022, 10, 30.	1.2	4
6953	Impact of the North Atlantic Sea Surface Temperature Tripole on the Northwestern Pacific Weak Tropical Cyclone Frequency. <i>Journal of Climate</i> , 2022, 35, 3057-3074.	1.2	5
6954	Impact of equatorial wind stress on Ekman transport during the mature phase of the Indian Ocean Dipole. <i>Climate Dynamics</i> , 2022, 59, 1253-1264.	1.7	1
6955	Spatial Distribution, Temporal Changes, and Knowledge Gaps in Basking Shark (<i>Cetorhinus maximus</i>) Sightings in the California Current Ecosystem. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	2
6956	The diversity of ENSO evolution during the typical decaying periods determined by an ENSO developing mode. <i>Journal of Climate</i> , 2022, , 1-33.	1.2	2
6957	Winter-summer contrast of the 1990s decadal change in relation to Afro-Asian monsoons. <i>Climate Dynamics</i> , 2022, 59, 1969-1980.	1.7	2
6958	Different Seasonal Precipitation Anomaly Patterns in Central Asia Associated With Two Types of El Niño During 1891-2016. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	0
6959	Investigating decadal variations of the seasonal predictability limit of sea surface temperature in the tropical Pacific. <i>Climate Dynamics</i> , 0, , 1.	1.7	4
6960	Distinct Evolution of the SST Anomalies in the Far Eastern Pacific between the 1997/98 and 2015/16 Extreme El Niños. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 927-942.	1.9	3
6961	Global distribution and variability of subsurface chlorophyll concentrations. <i>Ocean Science</i> , 2022, 18, 255-268.	1.3	8
6962	Turbulent Heat Flux, Downward Longwave Radiation and Large-Scale Atmospheric Circulation Associated with Wintertime Barents-Kara Sea Extreme Sea Ice Loss Events. <i>Journal of Climate</i> , 2022, , 1-55.	1.2	1
6963	Projected engulfment of tropical Indian Ocean by anthropogenical warmpool. <i>Climate Dynamics</i> , 0, , 1.	1.7	1
6964	Interannual variability of the East Asian trough in summer. <i>Climate Dynamics</i> , 2022, 59, 2293-2309.	1.7	2
6965	Maintenance of Western North Pacific Anomalous Anticyclone in Boreal Summer by Wind-Induced Moist Enthalpy Advection Mechanism. <i>Journal of Climate</i> , 2022, 35, 4499-4511.	1.2	6
6966	Satellite-Based Data Assimilation System for the Initialization of Arctic Sea Ice Concentration and Thickness Using CICE5. <i>Frontiers in Climate</i> , 2022, 4, .	1.3	3
6967	Sea ice loss of the Barents-Kara Sea enhances the winter warming over the Tibetan Plateau. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	22
6968	Emergence of climate change in the tropical Pacific. <i>Nature Climate Change</i> , 2022, 12, 356-364.	8.1	34

#	ARTICLE	IF	CITATIONS
6969	The Cooling Over Northeast Asia in June Over the Most Recent Decade: A Possible Response to Declining Bering Sea Sea Ice in March. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
6970	Trends in Europe storm surge extremes match the rate of sea-level rise. <i>Nature</i> , 2022, 603, 841-845.	13.7	45
6971	Asymmetric Impacts of El Niño and La Niña on the Pacific–South America Teleconnection Pattern. <i>Journal of Climate</i> , 2022, 35, 1825-1838.	1.2	9
6972	Boreal Summer Negative Correlation Relationship Between Interannual SST and Precipitation Anomalies in the Tropical and Subtropical Western North Pacific. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
6973	Three leading coupled modes of summer rainfall with atmospheric circulations over northern East Asia. <i>International Journal of Climatology</i> , 2022, 42, 5916-5934.	1.5	1
6974	An Investigation of Extreme Cold Events at the South Pole. <i>Journal of Climate</i> , 2022, 35, 1761-1772.	1.2	0
6975	Strengthened Regulation of the Onset of the South China Sea Summer Monsoon by the Northwest Indian Ocean Warming in the Past Decade. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 943-952.	1.9	4
6976	Ocean–atmosphere Teleconnections Play a Key Role in the Interannual Variability of Seasonal Gross Primary Production in China. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1329-1342.	1.9	1
6977	Impact of the Spring North Atlantic Oscillation on the Northern Hemisphere Tropical Cyclone Genesis Frequency. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	3
6978	Persistent Discrepancies between Observed and Modeled Trends in the Tropical Pacific Ocean. <i>Journal of Climate</i> , 2022, 35, 4571-4584.	1.2	39
6979	Contribution of Ural and Kamchatka Blockings to the Amplified Warm Arctic–Cold Eurasia Pattern under Arctic Sea Ice Loss and Eurasian Cooling. <i>Journal of Climate</i> , 2022, 35, 4071-4083.	1.2	6
6980	The Decadal Variation of Eastward–Moving Tropical Cyclones in the South China Sea During 1980–2020. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
6981	Rainfall in uncoupled and coupled versions of the Met Office Unified Model over Central Africa: Investigation of processes during the September–November rainy season. <i>International Journal of Climatology</i> , 2022, 42, 6311-6331.	1.5	4
6982	Potential Impact of Spring Thermal Forcing Over the Tibetan Plateau on the Following Winter El Niño–Southern Oscillation. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
6983	Response of the South Asian High in May to the Early Spring North Pacific Victoria Mode. <i>Journal of Climate</i> , 2022, 35, 3979-3993.	1.2	6
6984	A preliminary attempt on decadal prediction of the East Asian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2022, 148, 1499-1511.	1.3	3
6985	Seasonal Predictions of Summer Precipitation in the Middle-lower Reaches of the Yangtze River with Global and Regional Models Based on NUIST-CFS1.0. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1561-1578.	1.9	6
6986	Impacts of Precipitation Modeling on Cloud Feedback in MIROC6. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1

#	ARTICLE	IF	CITATIONS
6987	Indo-Pacific warm pool present warming attribution and future projection constraint. <i>Environmental Research Letters</i> , 2022, 17, 054026.	2.2	9
6988	A tree ring-based hydroclimate reconstruction for eastern Europe reveals large-scale teleconnection patterns. <i>Climate Dynamics</i> , 0, , 1.	1.7	4
6989	Sources of Nonergodicity for Teleconnections as Cross-Correlations. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
6990	Simulation of the Impact of Environmental Disturbances on Forest Biomass in Taiwan. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	0
6991	<sc>CESM</sc> simulation of monsoon low pressure systems over India. <i>International Journal of Climatology</i> , 2022, 42, 5964-5984.	1.5	2
6992	No Internal Connections Detected Between Low Frequency Climate Modes in North Atlantic and North Pacific Basins. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
6993	Recent rainfall conditions in the Congo Basin. <i>Environmental Research Letters</i> , 2022, 17, 054052.	2.2	1
6994	Influence of climate variability on <sc>windâ€sea</sc> and swell wave height extreme over the <sc>Indoâ€Pacific</sc> Ocean. <i>International Journal of Climatology</i> , 2022, 42, 6183-6203.	1.5	9
6995	Subseasonal Earth System Prediction with CESM2. <i>Weather and Forecasting</i> , 2022, 37, 797-815.	0.5	18
6996	Observed Winds Crucial for September Arctic Sea Ice Loss. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	8
6997	Impacts of a Tripolar Sea Surface Temperature Pattern Over Tropicalâ€North Pacific on Interannual Variations of Spring Extreme Consecutive Dry Days Over Southern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	2
6998	Projected reversal of oceanic stable carbon isotope ratio depth gradient with continued anthropogenic carbon emissions. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	2
6999	Mean State of the Northern Hemisphere Stratospheric Polar Vortex in Three Generations of CMIP Models. <i>Journal of Climate</i> , 2022, 35, 4603-4625.	1.2	15
7000	Increased amplitude of the North Pacific Gyre Oscillation towards recent: Evidence from treeâ€ringâ€based reconstruction since 1596. <i>International Journal of Climatology</i> , 2022, 42, 6403-6412.	1.5	3
7001	A Longâ€Lasting Precipitation Deficit in South China During Autumnâ€Winter 2020/2021: Combined Effect of ENSO and Arctic Sea Ice. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	12
7002	A century of warming on Caribbean reefs. , 2022, 1, e0000002.		15
7003	The evolution of the North Atlantic Meridional Overturning Circulation since 1980. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 241-254.	12.2	58
7004	Close Linkage of the South China Sea Summer Monsoon Onset and Extreme Rainfall in May over Southeast Asia: Role of the Synoptic-Scale Systems. <i>Journal of Climate</i> , 2022, 35, 4347-4362.	1.2	12

#	ARTICLE	IF	CITATIONS
7005	Atmosphere-driven cold SST biases over the western North Pacific in the GloSea5 seasonal forecast system. <i>Climate Dynamics</i> , 2022, 59, 2571-2584.	1.7	1
7006	Projection of high clouds and its link to ice hydrometeors: An approach using long-term global cloud-system resolving simulations. <i>Journal of Climate</i> , 2022, , 1-59.	1.2	1
7007	Identification of droughts over Saudi Arabia and global teleconnections. <i>Natural Hazards</i> , 2022, 112, 2717-2737.	1.6	11
7008	A novel precursory signal of the Central Pacific El Niño event: Eastern Pacific cooling mode. <i>Climate Dynamics</i> , 2022, 59, 2599-2617.	1.7	1
7009	North Atlantic Footprint of Summer Greenland Ice Sheet Melting on Interannual to Interdecadal Time Scales: A Greenland Blocking Perspective. <i>Journal of Climate</i> , 2022, 35, 1939-1961.	1.2	3
7010	Statistical Seasonal Forecasting of Winter and Spring PM2.5 Concentrations Over the Korean Peninsula. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 549-561.	1.3	4
7011	Understanding the Complicated Relationship Between ENSO and Wintertime North Tropical Atlantic SST Variability. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
7012	Global increase in wildfire potential from compound fire weather and drought. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	47
7013	Interdecadal Modulation of ENSO-Related Anomalous Equatorial Intermediate Currents in the Western Pacific by the PDO. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
7014	Effects of Increased Drought in Amazon Forests Under Climate Change: Separating the Roles of Canopy Responses and Soil Moisture. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	2
7015	Tree-Ring Oxygen Isotope Variations in Subalpine Firs from the Western Himalaya Capture Spring Season Temperature Signals. <i>Forests</i> , 2022, 13, 437.	0.9	5
7016	Zonal Extension of the Middle East Jet Stream and Its Influence on the Asian Monsoon. <i>Journal of Climate</i> , 2022, 35, 4741-4751.	1.2	9
7017	Dominant Anomalous Circulation Patterns of Tibetan Plateau Summer Climate Generated by ENSO-Forced and ENSO-Independent Teleconnections. <i>Journal of Climate</i> , 2022, 35, 1679-1694.	1.2	13
7018	Pronounced loss of Amazon rainforest resilience since the early 2000s. <i>Nature Climate Change</i> , 2022, 12, 271-278.	8.1	181
7019	Regional earth system modelling framework for CORDEX-SA: an integrated model assessment for Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 2022, 59, 2409-2428.	1.7	16
7020	Enhanced Tropospheric Biennial Oscillation of the East Asian Summer Monsoon since the Late 1970s. <i>Journal of Climate</i> , 2022, 35, 1613-1628.	1.2	5
7021	Modulation of East African Boreal Fall Rainfall: Combined Effects of the Madden-Julian Oscillation (MJO) and El Niño-Southern Oscillation (ENSO). <i>Journal of Climate</i> , 2022, 35, 2019-2034.	1.2	6
7022	Local meridional circulation changes contribute to a projected slowdown of the Indian Ocean Walker circulation. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	4

#	ARTICLE	IF	CITATIONS
7023	An update on the 4D-LETKF data assimilation system for the whole neutral atmosphere. <i>Geoscientific Model Development</i> , 2022, 15, 2293-2307.	1.3	6
7024	Long-Lead Predictability of Western North Pacific Subtropical High. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	2
7025	Potential Predictability of Southwest U.S. Rainfall: Role of Tropical and High-Latitude Variability. <i>Journal of Climate</i> , 2022, 35, 1697-1717.	1.2	2
7026	Extreme 2020 Summer SSTs in the Northern South China Sea: Implications for the Beibu Gulf Coral Bleaching. <i>Journal of Climate</i> , 2022, 35, 4177-4190.	1.2	12
7027	The Leading Mode and Factors for Coherent Variations among the Subsystems of Tropical Asian Summer Monsoon Onset. <i>Journal of Climate</i> , 2022, 35, 1597-1612.	1.2	15
7028	Latitudinal Variation of the Lifetime Maximum Intensity Location of Atlantic Tropical Cyclones Controlled by the Atlantic Multidecadal Oscillation. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
7029	On the weakening association between South Asian Monsoon and Atlantic Multidecadal Oscillation. <i>Climate Dynamics</i> , 2022, 59, 2531-2547.	1.7	6
7030	Southern China Winter Rainfall Modulated by South China Sea Warming. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	10
7031	Atmospheric CO ₂ and Sea Surface Temperature Variability Cannot Explain Recent Decadal Variability of the Ocean CO ₂ Sink. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	19
7032	New downscaling prediction models for spring drought in China. <i>International Journal of Climatology</i> , 2022, 42, 6960-6975.	1.5	5
7033	The EC-Earth3 Earth system model for the Coupled Model Intercomparison Project 6. <i>Geoscientific Model Development</i> , 2022, 15, 2973-3020.	1.3	192
7034	Surface ocean current variations in the North Pacific related to Arctic stratospheric ozone. <i>Climate Dynamics</i> , 2022, 59, 3087-3111.	1.7	9
7035	Selecting CMIP6 GCMs for CORDEX Dynamical Downscaling: Model Performance, Independence, and Climate Change Signals. <i>Earth's Future</i> , 2022, 10, .	2.4	31
7036	How reliable are Coupled Model Intercomparison Project Phase 6 models in representing the Asian summer monsoon anticyclone?. <i>International Journal of Climatology</i> , 2022, 42, 7047-7059.	1.5	2
7037	Contrasting Common Era climate and hydrology sensitivities from paired lake sediment dinosterol hydrogen isotope records in the South Pacific Convergence Zone. <i>Quaternary Science Reviews</i> , 2022, 281, 107421.	1.4	4
7038	The ICON Earth System Model Version 1.0. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	16
7039	Impact of Soil Freezing-Thawing Processes on August Rainfall Over Southern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	1
7040	Enhanced upward motion through the troposphere over the tropical western Pacific and its implications for the transport of trace gases from the troposphere to the stratosphere. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4393-4411.	1.9	3

#	ARTICLE	IF	CITATIONS
7041	Seasonally Evolving Impacts of Multiyear La Niña on Precipitation in Southern China. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	2
7042	Understanding rainfall prediction skill over the Sahel in NMME seasonal forecast. <i>Climate Dynamics</i> , 2022, 59, 3113-3133.	1.7	0
7043	Demonstrating the asymmetry of the Indian Ocean Dipole response in regional earth system model of CORDEX-SA. <i>Atmospheric Research</i> , 2022, 273, 106182.	1.8	5
7044	Propagation of Thermohaline Anomalies and Their Predictive Potential along the Atlantic Water Pathway. <i>Journal of Climate</i> , 2022, 35, 2111-2131.	1.2	3
7045	Patterns and frequency of projected future tropical cyclone genesis are governed by dynamic effects. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	19
7046	European precipitation response to Indian ocean dipole events. <i>Atmospheric Research</i> , 2022, 273, 106142.	1.8	1
7047	Extraction of sea surface temperature variation regime at the short-time scale. , 2021, , .		0
7048	Large-Scale Features of Synchronous Variability of the Winter Surface Temperature in the Barents and Black Seas. <i>Doklady Earth Sciences</i> , 2021, 501, 989-993.	0.2	0
7049	Frequent central Pacific La Niña events may accelerate Arctic warming since the 1980s. <i>Acta Oceanologica Sinica</i> , 2021, 40, 62-69.	0.4	2
7050	MR MODEL FOR THE PREDICTION OF SUB DIVISIONAL SOUTHWEST MONSOON SEASONAL RAINFALL OF SUB DIVISIONS FROM ANDHRA PRADESH AND TELANGANA. <i>Mausam</i> , 2021, 67, 716-722.	0.1	0
7051	A New Globally Reconstructed Sea Surface Temperature Analysis Dataset since 1900. <i>Journal of Meteorological Research</i> , 2021, 35, 911-925.	0.9	4
7052	Nonstationary Bayesian Modeling of Extreme Flood Risk and Return Period Affected by Climate Variables for Xiangjiang River Basin, in South-Central China. <i>Water (Switzerland)</i> , 2022, 14, 66.	1.2	2
7053	Anthropogenic Aerosols Modulated 20th Century Sahel Rainfall Variability Via Their Impacts on North Atlantic Sea Surface Temperature. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	11
7054	Nordic Seas Heat Loss, Atlantic Inflow, and Arctic Sea Ice Cover Over the Last Century. <i>Reviews of Geophysics</i> , 2022, 60, .	9.0	43
7055	Emergent Constraints on Future Expansion of the Indo-Pacific Warm Pool. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	9
7056	Physical-Ecological Response of the California Current System to ENSO events in ROMS-NEMURO. <i>Ocean Dynamics</i> , 2022, 72, 21-36.	0.9	1
7057	Linkages between the atmospheric transmission originating from the North Atlantic Oscillation and persistent winter haze over Beijing. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 18573-18588.	1.9	12
7058	Exploring Western North Pacific Tropical Cyclone Activity in the High-Resolution Community Atmosphere Model. <i>Earth and Space Science</i> , 2022, 9, .	1.1	2

#	ARTICLE	IF	CITATIONS
7059	Coral Oxygen Isotopic Records Capture the 2015/2016 El Niño Event in the Central Equatorial Pacific. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	3
7060	The Influence of Atmosphere–Ocean Phenomenon on Water Availability Across Temperate Australia. <i>Water Resources Research</i> , 2022, 58, .	1.7	6
7061	ENSO Amplitude Asymmetry in Met Office Hadley Centre Climate Models. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	2
7062	Effects of spring Arctic sea ice on summer drought in the middle and high latitudes of Asia. <i>Atmospheric and Oceanic Science Letters</i> , 2022, 15, 100138.	0.5	8
7063	Interbasin Interactions between the Pacific and Atlantic Oceans Depending on the Phase of Pacific Decadal Oscillation and Atlantic Multidecadal Oscillation. <i>Journal of Climate</i> , 2022, 35, 2883-2894.	1.2	8
7064	Tanzania short rains and its relations to Trans-Atlantic–Pacific Ocean Dipole-like pattern. <i>International Journal of Climatology</i> , 2022, 42, 4669-4683.	1.5	3
7065	Central Equatorial Pacific Warming and Freshening in the Twentieth Century: Insights From a Coral Ensemble Approach. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
7066	Simulating the influence of Madden Julian oscillation on the MAMJ intra-seasonal variations over West Africa. <i>Meteorology and Atmospheric Physics</i> , 2022, 134, 1.	0.9	0
7067	Modulation of Atlantic Multidecadal Oscillation on the Interdecadal Variation of South Asian High and Somali Jet in Summer. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2
7068	Trends in equatorial Pacific sea surface temperatures. <i>Mausam</i> , 2021, 66, 793-802.	0.1	0
7069	Next generation of Bluelink ocean reanalysis with multiscale data assimilation: BRAN2020. <i>Earth System Science Data</i> , 2021, 13, 5663-5688.	3.7	35
7070	Fires in Amazonian Blackwater Floodplain Forests: Causes, Human Dimension, and Implications for Conservation. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	3
7071	Not all biodiversity rich spots are climate refugia. <i>Biogeosciences</i> , 2021, 18, 6567-6578.	1.3	5
7072	Identifying a Fundamental Climatic Oscillation Using Wavelet Analysis of the Combined Data of Ground and Satellite Observations. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2021, 57, 1127-1136.	0.2	2
7073	Distinct Evolution of Sea Surface Temperature over the Cold Tongue Region in South China Sea during Various El Niño Events. <i>Atmosphere</i> , 2021, 12, 1689.	1.0	0
7074	How Does Pacific Decadal Oscillation Affect Tropical Cyclone Activity Over Far East Asia?. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	12
7075	Is the Atlantic Ocean driving the recent variability in South Asian dust?. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17665-17685.	1.9	3
7076	Likelihood of unprecedented drought and fire weather during Australia's 2019 megafires. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	32

#	ARTICLE	IF	CITATIONS
7077	The role of local topography and sea surface temperature on summer monsoon precipitation over Bangladesh and northeast India. <i>International Journal of Climatology</i> , 2022, 42, 4564-4579.	1.5	5
7078	Modelling snowfall in southern Italy: a historical perspective in the Benevento Valley (1645-2018). <i>Climate Research</i> , 2021, 85, 143-157.	0.4	1
7079	Slow-down in summer warming over Greenland in the past decade linked to central Pacific El Niño. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	3
7080	Lagged response of Tropical Atlantic Ocean to cold and fresh water pulse from Antarctic sea ice melting. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, e20210800.	0.3	1
7081	Seasonal extreme rainfall over Indian monsoon region: a moisture budget analysis to distinguish the role of ENSO and non-ENSO forcing. <i>Theoretical and Applied Climatology</i> , 2022, 148, 1603-1613.	1.3	0
7082	Numerical simulation and cause analysis of persistent summer drought during the 1920s in eastern China. <i>Science China Earth Sciences</i> , 2022, 65, 966-982.	2.3	1
7083	Assessing tropical cyclones characteristics over the Arabian Sea and Bay of Bengal in the recent decades. <i>Meteorology and Atmospheric Physics</i> , 2022, 134, 1.	0.9	8
7084	Joint influence of the quasi-biennial oscillation and Indian Ocean basin mode on tropical cyclone occurrence frequency over the western North Pacific. <i>Climate Dynamics</i> , 2022, 59, 3439-3449.	1.7	6
7085	Recent Changes of Pacific Decadal Variability Shaped by Greenhouse Forcing and Internal Variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	6
7086	Characteristics of rapidly intensifying tropical cyclones in the South China Sea, 1980–2016. <i>Advances in Climate Change Research</i> , 2022, 13, 333-343.	2.1	5
7087	Predictability of the two temperature modes of the East Asian winter monsoon in the NCEP-CFSv2 and MRI-CPSv2 models. <i>Climate Dynamics</i> , 2022, 59, 3211-3225.	1.7	3
7088	Changing ocean seasonal cycle escalates destructive marine heatwaves in a warming climate. <i>Environmental Research Letters</i> , 0, , .	2.2	2
7089	Surface warming-induced global acceleration of upper ocean currents. <i>Science Advances</i> , 2022, 8, eabj8394.	4.7	36
7090	The synergistic effect of the preceding winter Northern Hemisphere annular mode and spring tropical North Atlantic SST on spring extreme cold events in the mid-high latitudes of East Asia. <i>Climate Dynamics</i> , 2022, 59, 3175-3191.	1.7	6
7091	Critical Role of Tropical North Atlantic SSTA in Boreal Summer in Affecting Subsequent ENSO Evolution. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
7092	What induces the spatiotemporal variability of glacier mass balance across the Qilian Mountains. <i>Climate Dynamics</i> , 2022, 59, 3555-3577.	1.7	14
7093	Glaciers of the Olympic Mountains, Washington—The Past and Future 100 Years. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	2
7094	Mechanisms of Ocean Heat Uptake along and across Isopycnals. <i>Journal of Climate</i> , 2022, 35, 4885-4904.	1.2	1

#	ARTICLE	IF	CITATIONS
7095	Antarctic sea-ice expansion and Southern Ocean cooling linked to tropical variability. <i>Nature Climate Change</i> , 2022, 12, 461-468.	8.1	15
7096	Influence of Convective Heating Over the Maritime Continent on the West Antarctic Climate. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
7097	ENSO modulates interactions between forest insect and fire disturbances in China. <i>Natural Hazards Research</i> , 2022, , .	2.0	3
7098	A decade of cold Eurasian winters reconstructed for the early 19th century. <i>Nature Communications</i> , 2022, 13, 2116.	5.8	16
7099	Possible Impact of Boreal Winter Siberian High on ENSO Development in the Following Year. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	2
7100	Extreme Atlantic hurricane seasons made twice as likely by ocean warming. <i>Weather and Climate Dynamics</i> , 2022, 3, 471-482.	1.2	8
7101	Representation of Lake-Atmosphere Interactions and Lake-Effect Snowfall in the Laurentian Great Lakes Basin among HighResMIP Global Climate Models. <i>Journals of the Atmospheric Sciences</i> , 2022, 79, 1325-1347.	0.6	2
7112	Possible Lagged Impact of the Arctic Sea Ice in Barents-Kara Seas on June Precipitation in Eastern China. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	5
7113	Revisiting the Contrasting Response of Polar Stratosphere to the Eastern and Central Pacific El Niño. <i>Atmosphere</i> , 2022, 13, 682.	1.0	2
7114	The Asymmetric Connection of SST in the Tasman Sea with Respect to the Opposite Phases of ENSO in Austral Summer. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1897-1913.	1.9	3
7115	ENSO Diversity Simulated in a Revised Cane-Zebiak Model. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	2
7116	A decadal intensification in the modulation of spring western tropical Atlantic sea surface temperature to the following winter ENSO after the mid-1980s. <i>Climate Dynamics</i> , 2022, 59, 3643-3655.	1.7	1
7117	Winter particulate pollution severity in North China driven by atmospheric teleconnections. <i>Nature Geoscience</i> , 2022, 15, 349-355.	5.4	37
7118	The effects of bias, drift, and trends in calculating anomalies for evaluating skill of seasonal-to-decadal initialized climate predictions. <i>Climate Dynamics</i> , 2022, 59, 3373-3389.	1.7	8
7119	July-September rainfall in the Greater Horn of Africa: the combined influence of the Mascarene and South Atlantic highs. <i>Climate Dynamics</i> , 2022, 59, 3621-3641.	1.7	3
7120	Unpalatable Plastic: Efficient Taste Discrimination of Microplastics in Planktonic Copepods. <i>Environmental Science & Technology</i> , 2022, 56, 6455-6465.	4.6	33
7121	The increased frequency of combined El Niño and positive IOD events since 1965s and its impacts on maritime continent hydroclimates. <i>Scientific Reports</i> , 2022, 12, 7532.	1.6	13
7122	Distinct influences of cold vortex over Northeast China on local precipitation in early summer and midsummer. <i>Climate Dynamics</i> , 0, , 1.	1.7	4

#	ARTICLE	IF	CITATIONS
7123	Potential fire risks in South America under anthropogenic forcing hidden by the Atlantic Multidecadal Oscillation. <i>Nature Communications</i> , 2022, 13, 2437.	5.8	9
7124	Bayesian negative binomial regression model with unobserved covariates for predicting the frequency of north atlantic tropical storms. <i>Journal of Applied Statistics</i> , 2023, 50, 2014-2035.	0.6	1
7125	Model evaluation of short-lived climate forcers for the Arctic Monitoring and Assessment Programme: a multi-species, multi-model study. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5775-5828.	1.9	15
7126	Global decline in ocean memory over the 21st century. <i>Science Advances</i> , 2022, 8, eabm3468.	4.7	20
7127	Glacial warming in the Eastern Pacific Warm Pool. <i>Geophysical Research Letters</i> , 0, , .	1.5	0
7128	Contrasting State-Dependent Effects of Natural Forcing on Global and Local Climate Variability. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
7129	Influence of the North Pacific Victoria Mode on the Spring Persistence Barrier of ENSO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
7130	Added value of assimilating springtime Arctic sea ice concentration in summer-fall climate predictions. <i>Environmental Research Letters</i> , 2022, 17, 064008.	2.2	3
7131	Preceding winter Okhotsk Sea ice as a precursor to the following winter extreme precipitation in South China. <i>Atmospheric Science Letters</i> , 0, , .	0.8	0
7132	Relative contributions to ENSO of the seasonal footprinting and trade wind charging mechanisms associated with the Victoria mode. <i>Climate Dynamics</i> , 2023, 60, 47-63.	1.7	7
7133	Stratosphere-Troposphere Exchanges of Air Mass and Ozone Concentration in the Last Glacial Maximum. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	2
7134	The impact of Indonesian Throughflow constrictions on eastern Pacific upwelling and water-mass transformation. <i>Journal of Geophysical Research: Oceans</i> , 0, , .	1.0	0
7135	The Influence of Convectively Coupled Kelvin Waves on Atlantic Niño. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	2
7136	Intraseasonal variability modes of winter surface air temperature over central Asia and their modulation by Greenland Sea ice and central Pacific El Niño-Southern Oscillation. <i>International Journal of Climatology</i> , 2022, 42, 8040-8055.	1.5	3
7137	Past the Precipice? Projected Coral Habitability Under Global Heating. <i>Earth's Future</i> , 2022, 10, .	2.4	9
7138	Constrained Emergence of Air Temperature Change Signal in Northern-Central India From Background Variations. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
7139	Assessing the chance of unprecedented dry conditions over North Brazil during El Niño events. <i>Environmental Research Letters</i> , 2022, 17, 064016.	2.2	5
7140	GREB-ISM v1.0: A coupled ice sheet model for the Globally Resolved Energy Balance model for global simulations on timescales of 100-kyr. <i>Geoscientific Model Development</i> , 2022, 15, 3691-3719.	1.3	0

#	ARTICLE	IF	CITATIONS
7141	Reconciling Roles of External Forcing and Internal Variability in Indian Ocean Decadal Variability Since 1920. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
7142	Monthly resolved coral barium isotopes record increased riverine inputs during the South Asian summer monsoon. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 329, 152-167.	1.6	5
7143	Skilful decadal-scale prediction of fish habitat and distribution shifts. <i>Nature Communications</i> , 2022, 13, 2660.	5.8	13
7144	Identifying Hydro-sensitive Coral $\delta^{18}O$ Records for Improved High-resolution Temperature and Salinity Reconstructions. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	12
7145	On the representation of Mediterranean Overflow Waters in Global Climate Models. <i>Journal of Physical Oceanography</i> , 2022, , .	0.7	1
7146	Mid to late 20th century freshening of the western tropical South Atlantic triggered by southward migration of the Intertropical Convergence Zone. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 597, 111013.	1.0	3
7147	Assessing the intercolony $\delta^{18}O$ proxy calibration in a coral microatoll and its implication for ENSO reconstruction in the northern South China Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 598, 111031.	1.0	2
7148	Sensitivity of typhoon wind hazard in coastal region to the track modelling and the considered historical best track database. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2022, 226, 105000.	1.7	7
7149	Estimating Contributions of Natural Climate Variability Modes and Greenhouse Gases to Surface Temperature Trends in the Southern Hemisphere from Observations. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2022, 58, 131-139.	0.2	2
7150	Simulation of Summer Rainfall in Thailand by IAP-AGCM4.1. <i>Atmosphere</i> , 2022, 13, 805.	1.0	4
7151	Equatorial Origin of the Observed Tropical Pacific Quasi-decadal Variability From ENSO Nonlinearity. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
7152	Carbon accumulation and storage in a temperate coastal lagoon under the influence of recent climate change (Northwestern Adriatic Sea). <i>Regional Studies in Marine Science</i> , 2022, , 102439.	0.4	1
7153	Understanding Sea Surface Temperature Cooling in the Central-East Pacific Sector of the Southern Ocean During 1982-2020. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
7154	The Influence of Sea Surface Temperature Anomalies in the Middle Eastern Equatorial Pacific on the Low-Level Cross-Equatorial Flow over the South China Sea in Summer. <i>Climate Change Research Letters</i> , 2022, 11, 352-361.	0.0	0
7155	Role of the eastern equatorial Indian Ocean warming in the Indian summer monsoon rainfall trend. <i>Climate Dynamics</i> , 2023, 60, 427-442.	1.7	6
7156	Effect of the Late-1990s Change in Tropical Forcing on Teleconnections to the Amundsen-Bellinghousen Seas Region during Austral Autumn. <i>Journal of Climate</i> , 2022, 35, 5687-5702.	1.2	2
7157	Drivers of Coral Reconstructed Salinity in the South China Sea and Maritime Continent: The Influence of the 1976 Indo-Pacific Climate Shift. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	2
7158	Simulation, precursor analysis and targeted observation sensitive area identification for two types of ENSO using ENSO-MC v1.0. <i>Geoscientific Model Development</i> , 2022, 15, 4105-4127.	1.3	7

#	ARTICLE	IF	CITATIONS
7159	Increasing 2020-like Boreal Summer Rainfall Extremes Over Northeast Indian Subcontinent Under Greenhouse Warming. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
7160	Statistical calibrations to improve the 2-5-year prediction skill for SST over the North Atlantic. <i>Meteorology and Atmospheric Physics</i> , 2022, 134, .	0.9	2
7161	Respective and combined impacts of north Indian Ocean and tropical North Atlantic SST anomalies on the sub-seasonal evolution of anomalous western North Pacific anticyclone. <i>Journal of Climate</i> , 2022, , 1-30.	1.2	6
7162	What caused the increase of tropical cyclones in the western North Pacific during the period of 2011-2020?. <i>Climate Dynamics</i> , 2023, 60, 165-177.	1.7	4
7163	Toward Understanding El Niño Southern-Oscillation's Spatiotemporal Pattern Diversity. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	4
7164	Inter-comparison of past and projected climatic trends in Puerto Rico: 1950-2100. <i>Journal of Water and Climate Change</i> , 2022, 13, 2713-2724.	1.2	2
7165	Dominant patterns of seasonal precipitation variability in association with hydrological extremes over the North-west Himalayas. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0
7166	An ocean perspective on CMIP6 climate model evaluations. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, 201, 105120.	0.6	2
7167	Inter-comparisons of methods for extracting the internal climate variability from the observed records over the Indo-Pacific sector. <i>International Journal of Climatology</i> , 0, , .	1.5	0
7168	Subpolar Atlantic Ocean mixed layer heat content variability is increasingly driven by an active ocean. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	5
7169	Possible Influence of ENSO Modoki and Arctic Oscillation on Spatiotemporal Variability of Spring Precipitation Over the Western North Pacific. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 629-635.	1.3	2
7170	Modulation of Pacific Sea Surface Temperature on Two Types of Tropical Cyclone Tracks Affecting Northeast China. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	2
7171	The British Okhotsk Corridor Pattern and Its Linkage to the Silk Road Pattern. <i>Journal of Climate</i> , 2022, 35, 5787-5804.	1.2	13
7172	A novel dynamical diagnosis of relative vorticity equation based on three-pattern decomposition of global atmospheric circulation: a case study of the western Pacific subtropical high in 2020. <i>Climate Dynamics</i> , 0, , .	1.7	1
7173	Does the Antarctic Oscillation modulate tropical cyclone rapid intensification over the western North Pacific?. <i>Environmental Research Letters</i> , 2022, 17, 064040.	2.2	1
7174	Consistent Trends in Dry Spell Length in Recent Observations and Future Projections. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	12
7175	Summer Temperature Reconstruction for the Source Area of the Northern Asian Great River Basins, Northern Mongolian Plateau Since 1190 CE and its Linkage With Inner Asian Historical Societal Changes. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	0
7176	Multidecadal variability of ENSO in a recharge oscillator framework. <i>Environmental Research Letters</i> , 2022, 17, 074008.	2.2	3

#	ARTICLE	IF	CITATIONS
7177	Interdecadal changes in SST variability drivers in the Senegalese-upwelling: the impact of ENSO. <i>Climate Dynamics</i> , 0, , .	1.7	1
7178	The Seasonal Evolution of the Tibetan Plateau Snow Cover Related Moisture During Spring–Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	4
7179	Two sources of deep decadal variability in the central Labrador Sea open–ocean convection region. <i>Geophysical Research Letters</i> , 0, , .	1.5	3
7180	Sublimation Origin of Negative Deuterium Excess Observed in Snow and Ice Samples From McMurdo Dry Valleys and Allan Hills Blue Ice Areas, East Antarctica. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	5
7181	Combined role of ENSO and IOD on compound drought and heatwaves in Australia using two CMIP6 large ensembles. <i>Weather and Climate Extremes</i> , 2022, 37, 100469.	1.6	11
7182	ENSO and PDO-related interannual and interdecadal variations in the wintertime sea surface temperature in a typical subtropical strait. <i>Climate Dynamics</i> , 2022, 59, 3359-3372.	1.7	1
7183	Investigating Extratropical Influence on the Equatorial Atlantic Zonal Bias with Regional Data Assimilation. <i>Journal of Climate</i> , 2022, 35, 6101-6117.	1.2	1
7184	Study of an Arctic blowing snow-induced bromine explosion event in Ny-Å...lesund, Svalbard. <i>Science of the Total Environment</i> , 2022, 839, 156335.	3.9	1
7186	A Synthetic Model for Gulf of Mexico Hurricanes. , 0, , .		1
7187	Seasonal extrema of sea surface temperature in CMIP6 models. <i>Ocean Science</i> , 2022, 18, 839-855.	1.3	5
7188	Dynamics of Precipitation Anomalies in Tropical South America. <i>Atmosphere</i> , 2022, 13, 972.	1.0	4
7189	Tropical volcanism enhanced the East Asian summer monsoon during the last millennium. <i>Nature Communications</i> , 2022, 13, .	5.8	27
7190	Influence of Reduced Winter Land–Sea Contrast on the Midlatitude Atmospheric Circulation. <i>Journal of Climate</i> , 2022, 35, 6237-6251.	1.2	5
7191	Possible Dynamic Mechanisms of High–and Low–latitude Wave Trains Over Eurasia and Their Impacts on Air Pollution Over the North China Plain in Early Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	12
7192	Landfalling hurricane track modes and decay. <i>Nature</i> , 2022, 606, E7-E11.	13.7	7
7193	Unravelling the long-term, locally heterogenous response of Greenland glaciers observed in archival photography. <i>Cryosphere</i> , 2022, 16, 2449-2470.	1.5	3
7194	An online ensemble coupled data assimilation capability for the Community Earth System Model: system design and evaluation. <i>Geoscientific Model Development</i> , 2022, 15, 4805-4830.	1.3	2
7195	Critical influence of the Northeast cold vortex in different positions on precipitation. <i>Climate Dynamics</i> , 2023, 60, 867-881.	1.7	4

#	ARTICLE	IF	CITATIONS
7196	Prehistoric reef-building coral occurrence in north Peru. <i>Journal of Island and Coastal Archaeology</i> , 0, , 1-13.	0.6	0
7197	Recently Amplified Interannual Variability of the Great Lakes Ice Cover in Response to Changing Teleconnections. <i>Journal of Climate</i> , 2022, 35, 6283-6300.	1.2	3
7198	Analysis of lower-boundary climate factors contributing to the summer heatwave frequency over eastern Europe using a machine-learning model. <i>Atmospheric and Oceanic Science Letters</i> , 2022, 15, 100256.	0.5	2
7199	Century-long column ozone records show that chemical and dynamical influences counteract each other. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	5
7200	Precipitation in Northeast Mexico Primarily Controlled by the Relative Warming of Atlantic SSTs. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
7201	Climate-driven shifts in kelp forest composition reduce carbon sequestration potential. <i>Global Change Biology</i> , 2022, 28, 5514-5531.	4.2	13
7202	Relationship of the Warming of Red Sea Surface Water over 140 Years with External Heat Elements. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 846.	1.2	2
7203	The observed connection between the Quasi-Biennial Oscillation and the persistence of the North Atlantic Oscillation in boreal winter. <i>International Journal of Climatology</i> , 0, , .	1.5	0
7204	Dynamic and Thermodynamic Factors Involved in Future Changes in Extreme Summertime Precipitation in Japan Projected by Convection-Permitting Regional Climate Model Simulations. <i>Journal of Applied Meteorology and Climatology</i> , 2022, 61, 1221-1237.	0.6	1
7205	Changes of Oceanic Conditions Drive Chagos Whale Migration Patterns in the Central Indian Ocean. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	2
7206	Coral Sr/Ca records provide realistic representation of eastern Indian Ocean cooling during extreme positive Indian Ocean Dipole events. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
7207	A Statistical Downscaling Prediction Model for Winter Temperature over Xinjiang Based on the CFSv2 and Sea Ice Forcing. <i>International Journal of Climatology</i> , 0, , .	1.5	1
7208	The extreme Arctic warm anomaly in November 2020. <i>Atmospheric and Oceanic Science Letters</i> , 2022, , 100260.	0.5	2
7209	On the Asymmetry of the Tropical Pacific Thermocline Fluctuation Associated With ENSO Recharge and Discharge. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
7210	Deceleration of Madden-Julian Oscillation Speed in NICAM AMIP-type Simulation Associated With Biases in the Walker Circulation Strength. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
7211	Comparison of southward shift mechanisms of equatorial westerly anomalies between EP and CP El Niño. <i>Climate Dynamics</i> , 2023, 60, 785-796.	1.7	1
7212	The Signal-to-Noise Paradox in ENSO Prediction: Role of ENSO Growth Rate and Period. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	0
7213	Confidence and Uncertainty in Simulating Tropical Cyclone Long-Term Variability Using the CMIP6-HighResMIP. <i>Journal of Climate</i> , 2022, 35, 6431-6451.	1.2	7

#	ARTICLE	IF	CITATIONS
7232	Extreme Precipitation in June 2021 over the Black Sea in the Context of Long-Term Climate Change. <i>Oceanology</i> , 2022, 62, 303-309.	0.3	1
7233	Future Southern Ocean warming linked to projected ENSO variability. <i>Nature Climate Change</i> , 2022, 12, 649-654.	8.1	23
7234	Strengthening effect of Maritime Continent deforestation on the precipitation decline over southern China during late winter and early spring. <i>Climate Dynamics</i> , 2023, 60, 1173-1185.	1.7	3
7235	Modulation of western North Pacific tropical cyclone formation by central Pacific El Niño–Southern Oscillation on decadal and interannual timescales. <i>International Journal of Climatology</i> , 2023, 43, 426-437.	1.5	2
7236	Decadal sea surface height modes in the low-latitude northwestern Pacific and their contribution to the North Equatorial Current transport variation. <i>Journal of Oceanography</i> , 0, , .	0.7	0
7237	The interdecadal variations and causes of the relationship between Autumn Precipitation Anomalies in Eastern China and SSTA over the Southeastern tropical Indian Ocean. <i>Climate Dynamics</i> , 2023, 60, 899-911.	1.7	3
7238	The influence of Pacific-North American teleconnection on the North Pacific SST anomalies in Wintertime under the global warming. <i>Climate Dynamics</i> , 2023, 60, 1481-1494.	1.7	4
7239	Regional Responses of the Northern Hemisphere Subtropical Jet Stream to Reduced Arctic Sea Ice Extent. <i>Climate</i> , 2022, 10, 108.	1.2	2
7240	An object-based climatology of precipitation systems in Sydney, Australia. <i>Climate Dynamics</i> , 2023, 60, 1669-1688.	1.7	1
7241	Anatomy of the Indian summer monsoon and ENSO relationship in a state-of-the-art CGCM: Role of the tropical Atlantic Ocean. <i>Climate Dynamics</i> , 2023, 60, 1559-1582.	1.7	1
7242	Improved ENSO and PDO Prediction Skill Resulting from Finer Parameterization Schemes in a CGCM. <i>Remote Sensing</i> , 2022, 14, 3363.	1.8	2
7243	Summer temperature changes in Tierra del Fuego since AD 1765: atmospheric drivers and tree-ring reconstruction from the southernmost forests of the world. <i>Climate Dynamics</i> , 0, , .	1.7	0
7244	Influence of Local Climate and ENSO on the Growth of <i>Cedrela odorata</i> L. in Suriname. <i>Atmosphere</i> , 2022, 13, 1119.	1.0	2
7245	Interdecadal Change in the Relationship Between the El Niño–Southern Oscillation and the North/South Pacific Meridional Mode. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	4
7246	CAS FGOALS-f3-H Dataset for the High-Resolution Model Intercomparison Project (HighResMIP) Tier 2. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1873-1884.	1.9	4
7247	Causes of the 2015 North Atlantic cold anomaly in a global state estimate. <i>Ocean Science</i> , 2022, 18, 953-978.	1.3	2
7248	Seasonal transition of precedent Indian Ocean basin mode and subsequent Indian Ocean Dipole without El Niño–Southern Oscillation impact. <i>International Journal of Climatology</i> , 2022, 42, 9023-9031.	1.5	9
7249	Understanding spatiotemporal variability of drought in recent decades and its drivers over identified homogeneous regions of India. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 2955-2972.	1.0	6

#	ARTICLE	IF	CITATIONS
7250	Seasonal prediction of typhoons approaching the Korean Peninsula using several statistical methods. <i>Natural Hazards</i> , 0, , .	1.6	0
7251	Coupled stratosphere-troposphere-Atlantic multidecadal oscillation and its importance for near-future climate projection. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	18
7252	An Analysis of the Aerosol Lifecycle Over India: COALESCE Intercomparison of Three General Circulation Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
7253	Indian Ocean warming as key driver of long-term positive trend of Arctic Oscillation. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	8
7254	Variability in the Global Ocean Carbon Sink From 1959 to 2020 by Correcting Models With Observations. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	14
7256	On the Relationship Between Northwestâ€œNorthcentral Pacific SST andâ€œLow-level Jet Over the Arabian Sea. <i>Arabian Journal for Science and Engineering</i> , 0, , .	1.7	0
7257	Variations in July extreme precipitation in Henan Province and the related mechanisms. <i>International Journal of Climatology</i> , 2022, 42, 9115-9130.	1.5	6
7258	Linking the tropical Indian Ocean basin mode to the central-Pacific type of ENSO: Observations and CMIP5 reproduction. <i>Climate Dynamics</i> , 2023, 60, 1705-1727.	1.7	3
7259	Impacts of large-scale oscillations on climate variability over North America. <i>Climatic Change</i> , 2022, 173, .	1.7	2
7260	Internal Climate Variability in the Present Climate and the Change in ENSO Amplitude in Future Climate Simulations. <i>Frontiers in Climate</i> , 0, 4, .	1.3	2
7261	Interdecadal variation in atmospheric water vapour content over East Asia during winter and the relationship with autumn Arctic sea ice. <i>International Journal of Climatology</i> , 0, , .	1.5	1
7262	Evident differences of haze days between December and January in north China and possible relationships with preceding climate factors. <i>International Journal of Climatology</i> , 2023, 43, 438-455.	1.5	6
7263	Earthâ€™s Climate History from 4.5 Billion Years to One Minute. <i>Atmosphere - Ocean</i> , 2022, 60, 188-232.	0.6	3
7264	Prediction and mechanistic analysis of May precipitation in North China based on April Indian Ocean SST and the Northwest Pacific Dipole. <i>Atmospheric and Oceanic Science Letters</i> , 2022, 15, 100261.	0.5	1
7265	Unraveling the global teleconnections of Indian summer monsoon clouds: expedition from CMIP5 to CMIP6. <i>Global and Planetary Change</i> , 2022, 215, 103873.	1.6	7
7266	Warmer western tropical South Atlantic during the Last Interglacial relative to the current interglacial period. <i>Global and Planetary Change</i> , 2022, 215, 103889.	1.6	4
7267	Long-term drought intensification over Europe driven by the weakening trend of the Atlantic Meridional Overturning Circulation. <i>Journal of Hydrology: Regional Studies</i> , 2022, 42, 101176.	1.0	14
7268	2021 Texas cold snap: Manifestation of natural variability and a recent warming trend. <i>Weather and Climate Extremes</i> , 2022, 37, 100476.	1.6	1

#	ARTICLE	IF	CITATIONS
7269	Impact of the mid-latitude zonal circulation on dynamic mechanism of anomalous precipitation over China in summer 2021. <i>Atmospheric Research</i> , 2022, 277, 106314.	1.8	5
7270	Improving the <sc>CFSv2</sc> prediction of the Indian Ocean Dipole based on a physical&empirical model and a deep&learning approach. <i>International Journal of Climatology</i> , 2022, 42, 9200-9214.	1.5	2
7271	Inter&Model Spread of North Tropical Atlantic Trans&Basin Effect Substantially Biases Tropical Pacific Sea Surface Temperature Multiyear Prediction. <i>Geophysical Research Letters</i> , 0, , .	1.5	2
7272	Variability of Heat Content and Eddy Kinetic Energy in the Southeast Indian Ocean: Roles of the Indonesian Throughflow and Local Wind Forcing. <i>Journal of Physical Oceanography</i> , 2022, 52, 2789-2806.	0.7	3
7273	Late Miocene cooling coupled to carbon dioxide with Pleistocene-like climate sensitivity. <i>Nature Geoscience</i> , 2022, 15, 664-670.	5.4	11
7274	QBO and ENSO Effects on the Mean Meridional Circulation, Polar Vortex, Subtropical Westerly Jets, and Wave Patterns During Boreal Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	7
7275	Impacts of the different types of El Ni&o and PDO on the winter sub-seasonal North American zonal temperature dipole via the variability of positive PNA events. <i>Climate Dynamics</i> , 0, , .	1.7	3
7276	Stronger North Atlantic than Tropical Pacific Effects on North Pacific Decadal Prediction. <i>Journal of Climate</i> , 2022, 35, 5773-5785.	1.2	2
7277	State of the UK Climate 2021. <i>International Journal of Climatology</i> , 2022, 42, 1-80.	1.5	23
7278	Role of the Climatological North Pacific High in the North Tropical Atlantic&ENSO Connection. <i>Journal of Climate</i> , 2022, 35, 3215-3226.	1.2	7
7279	The semi-annual oscillation (SAO) in the upper troposphere and lower stratosphere (UTLS). <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 9499-9511.	1.9	2
7280	Trend Analysis of Lake Surface Temperatures in Lake Van. <i>Do&Yal Afetler Ve &tevre Dergisi</i> , 0, , 221-237.	0.2	0
7281	Response of Meridional Wind to Greenhouse Gas Forcing, Arctic Sea-Ice Loss, and Arctic Amplification. <i>Journal of Climate</i> , 2022, 35, 7275-7297.	1.2	0
7282	Seasonally and Regionally Dependent Shifts of the Atmospheric Westerly Jets under Global Warming. <i>Journal of Climate</i> , 2022, 35, 5433-5447.	1.2	4
7283	Reduced ENSO Variability due to a Collapsed Atlantic Meridional Overturning Circulation. <i>Journal of Climate</i> , 2022, 35, 5307-5320.	1.2	5
7284	Decadal Variability of Rainfall in Senegal: Beyond the Total Seasonal Amount. <i>Journal of Climate</i> , 2022, 35, 5339-5358.	1.2	2
7285	Long-term ocean and resource dynamics in a hotspot of climate change. <i>Facets</i> , 2022, 7, 1142-1184.	1.1	5
7286	Combined Effect of the Tropical Indian Ocean and Tropical North Atlantic Sea Surface Temperature Anomaly on the Tibetan Plateau Precipitation Anomaly in Late Summer. <i>Journal of Climate</i> , 2022, 35, 7499-7518.	1.2	7

#	ARTICLE	IF	CITATIONS
7287	Recent decrease in western North Pacific tropical cyclone rapid intensification during June. <i>Atmospheric Science Letters</i> , 0, , .	0.8	0
7288	Introducing new lightning schemes into the CHASER (MIROC) chemistry-climate model. <i>Geoscientific Model Development</i> , 2022, 15, 5627-5650.	1.3	2
7289	The changing nature of Earth's reflected sunlight. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2022, 478, .	1.0	8
7290	Extended seasonal prediction of spring precipitation over the Upper Colorado River Basin. <i>Climate Dynamics</i> , 2023, 60, 1815-1829.	1.7	1
7291	Embedding a one-column ocean model in the Community Atmosphere Model 5.3 to improve Madden-Julian Oscillation simulation in boreal winter. <i>Geoscientific Model Development</i> , 2022, 15, 5689-5712.	1.3	0
7292	Joint Pattern Analysis of Forest Fire and Drought Indicators in Southeast Asia Associated with ENSO and IOD. <i>Atmosphere</i> , 2022, 13, 1198.	1.0	6
7293	An Interdecadal Enhancement of the Impact of ENSO on the Summer Northeast Asian Circulation around 1999/2000 through the Silk Road Pattern. <i>Journal of Climate</i> , 2022, 35, 7481-7497.	1.2	2
7294	The Interdecadal Change of the Relationship Between North Indian Ocean SST and Tropical North Atlantic SST. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	1
7295	Pacific Decadal Oscillation modulates the Arctic sea-ice loss influence on the midlatitude atmospheric circulation in winter. <i>Weather and Climate Dynamics</i> , 2022, 3, 845-861.	1.2	5
7296	Interdecadal shift of the El Niño's modulation on the connection between the Hadley circulation and tropical SST. <i>Climate Dynamics</i> , 2023, 60, 2167-2181.	1.7	2
7297	Influence and prediction value of Arctic sea ice for spring Eurasian extreme heat events. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	10
7298	Asymmetries in the ENSO phase space. <i>Climate Dynamics</i> , 2023, 60, 2147-2166.	1.7	5
7299	Recent progress in simulating two types of ENSO from CMIP5 to CMIP6. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	10
7300	Decadal variability of Southern subtropical SST wavenumber-4 pattern and its impact. <i>Geophysical Research Letters</i> , 0, , .	1.5	1
7301	Single-year and double-year El Niño. <i>Climate Dynamics</i> , 2023, 60, 2235-2243.	1.7	11
7302	Strong Red Noise Ocean Forcing on Atlantic Multidecadal Variability Assessed from Surface Heat Flux: Theory and Application. <i>Journal of Climate</i> , 2023, 36, 55-80.	1.2	1
7303	Atmospheric Contributions to the Reversal of Surface Temperature Anomalies Between Early and Late Winter Over Eurasia. <i>Earth's Future</i> , 2022, 10, .	2.4	13
7304	Dynamic Neuro-Fuzzy Systems for Forecasting El Niño Southern Oscillation (ENSO) Using Oceanic and Continental Climate Parameters as Inputs. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 1161.	1.2	1

#	ARTICLE	IF	CITATIONS
7305	Variations of Summer Extreme and Total Precipitation over Southeast Asia and Associated Atmospheric and Oceanic Features. <i>Journal of Climate</i> , 2022, 35, 6395-6409.	1.2	1
7306	Comparisons between CMIP5 and CMIP6 models in simulations of the climatology and interannual variability of the east asian summer Monsoon. <i>Climate Dynamics</i> , 2023, 60, 2183-2198.	1.7	6
7307	Rapid 20th century warming reverses 900-year cooling in the Gulf of Maine. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	6
7308	A modified thermodynamic sea ice model and its application. <i>Ocean Modelling</i> , 2022, , 102096.	1.0	1
7309	Compression complexity with ordinal patterns for robust causal inference in irregularly sampled time series. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
7310	On the Pacific Decadal Oscillation Simulations in CMIP6 Models: A New Test-Bed from Climate Network Analysis. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2023, 59, 17-28.	1.3	4
7311	Revisiting the different responses of the following Indian summer monsoon rainfall to the diversity of El Niño events. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
7312	What Controls the Interannual Variability of the Boreal Winter Atmospheric River Activities over the Northern Hemisphere?. <i>Journal of Climate</i> , 2022, 35, 7555-7573.	1.2	4
7313	Seasonally Modulated El Niño Precipitation Response in the Eastern Pacific and Its Dependence on El Niño Flavors. <i>Journal of Climate</i> , 2022, 35, 5449-5462.	1.2	0
7314	The ExtremeX global climate model experiment: investigating thermodynamic and dynamic processes contributing to weather and climate extremes. <i>Earth System Dynamics</i> , 2022, 13, 1167-1196.	2.7	4
7315	Improving Monthly Rainfall Forecast in a Watershed by Combining Neural Networks and Autoregressive Models. <i>Environmental Processes</i> , 2022, 9, .	1.7	29
7316	Forced changes in El Niño–Southern Oscillation due to global warming and the associated uncertainties in ACCESS-ESM1.5 large ensembles. <i>Frontiers in Climate</i> , 0, 4, .	1.3	1
7317	Possible Impact of Early Spring Arctic Sea Ice on Meiyu Cessation over the Yangtze–Huaihe River Basin. <i>Atmosphere</i> , 2022, 13, 1293.	1.0	0
7318	ENSO atmospheric feedbacks under global warming and their relation to mean-state changes. <i>Climate Dynamics</i> , 2023, 60, 2613-2631.	1.7	6
7319	FOCI-MOPS v1 – integration of marine biogeochemistry within the Flexible Ocean and Climate Infrastructure version 1 (FOCI 1) Earth system model. <i>Geoscientific Model Development</i> , 2022, 15, 5987-6024.	1.3	6
7320	Impact of reduced ENSO variability and amplitude on ISMR prediction in the long-lead forecasts of monsoon mission CFS. <i>International Journal of Climatology</i> , 2022, 42, 9166-9181.	1.5	4
7321	Impact of Sea Surface Temperature Variability at Different Ocean Basins on Dust Activities in the Gobi Desert and North China. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
7322	The mechanism linking the variability of the Antarctic sea ice extent in the Indian Ocean sector to Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 0, , .	1.7	1

#	ARTICLE	IF	CITATIONS
7323	On the Effect of Historical SST Patterns on Radiative Feedback. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	24
7324	Role of Mixed Layer Depth in the Location and Development of the Northeast Pacific Warm Blobs. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	9
7325	Use of Machine Learning to Reduce Uncertainties in Particle Number Concentration and Aerosol Indirect Radiative Forcing Predicted by Climate Models. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
7326	A Transition Towards an Unusually Wet Condition Will Not Alleviate Water Scarcity Risk in Xinjiang, China. <i>AGU Advances</i> , 2022, 3, .	2.3	1
7327	Decadal trends in surface solar radiation and cloud cover over the North Atlantic sector during the last four decades: drivers and physical processes. <i>Climate Dynamics</i> , 2023, 60, 2533-2546.	1.7	4
7328	Interdecadal Change in the Relationship between the Winter Siberian High and Summer Tropical Cyclone Genesis Frequency over the Western North Pacific. <i>Atmosphere</i> , 2022, 13, 1342.	1.0	0
7329	Tropical cyclone full track simulation in the western North Pacific based on random forests. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2022, 228, 105119.	1.7	5
7330	ENSO Asymmetry in CMIP6 Models. <i>Journal of Climate</i> , 2022, 35, 5555-5572.	1.2	8
7331	Geochemical significance of Acropora death assemblages in the northern South China Sea: Implications for environmental reconstruction using branching corals. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 603, 111197.	1.0	2
7332	Revised global estimates of resilience to sea level rise for tidal marshes. <i>Environmental Challenges</i> , 2022, 9, 100593.	2.0	6
7333	Evaluation of the interannual variability in the East Asian summer monsoon in AMIP and historical experiments of CAS FGOALS-f3-L. <i>Atmospheric and Oceanic Science Letters</i> , 2022, , 100275.	0.5	0
7334	Decadal variability in the austral summer precipitation over the Central Andes: Observations and the empirical statistical downscaling model. <i>International Journal of Climatology</i> , 2022, 42, 9836-9864.	1.5	3
7335	Regional Features of the Arctic Sea Ice Area Changes in 2000â€“2019 versus 1979â€“1999 Periods. <i>Atmosphere</i> , 2022, 13, 1434.	1.0	8
7336	Predictability of Intra-Seasonal Descriptors of Rainy Season over Senegal Using Global SST Patterns. <i>Atmosphere</i> , 2022, 13, 1437.	1.0	2
7337	Interannual variability of winter precipitation over the Lambert Glacier basin linked to the dipole pattern of sea surface temperature in the southern Indian Ocean. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
7338	Suppressed Atlantic Ni \pm o/Ni \pm a variability under greenhouse warming. <i>Nature Climate Change</i> , 2022, 12, 814-821.	8.1	14
7339	A Positive Low Cloudâ€“Sea Surface Temperature Feedback in the East Asian Marginal Seas during El Ni \pm o Mature Winters and Their Following Spring. <i>Journal of Climate</i> , 2022, 35, 8169-8187.	1.2	0
7340	Reconstructed springtime (Marchâ€“June) precipitation tracked by tree rings dating back to 1760â€“1760â€“1760 in the Qinling-Bashan mountainous area. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 604, 111211.	1.0	2

#	ARTICLE	IF	CITATIONS
7341	Diurnal Cycle of Land Precipitation in Cas-Esm: Effect of Different Resolutions and Parameterizations. SSRN Electronic Journal, 0, , .	0.4	0
7342	Estimating North Atlantic Hurricane Landfall Counts and Intensities in a Non-stationary Climate. Hurricane Risk B, 2022, , 57-86.	0.1	0
7343	Representativeness and certainty of sea surface temperature from MODIS in semi-enclosed bays. Coastal Engineering Journal, 2022, 64, 428-441.	0.7	1
7344	The Seasonal-to-Multiyear Large Ensemble (SMYLE) prediction system using the Community Earth System Model version 2. Geoscientific Model Development, 2022, 15, 6451-6493.	1.3	12
7345	Is Anthropogenic Global Warming Accelerating?. Journal of Climate, 2022, 35, 7873-7890.	1.2	13
7346	Spatio-Temporal Characteristics of the Indo-Pacific Warm Pool and the Corresponding Rain Pool. Sustainability, 2022, 14, 10841.	1.6	0
7347	Natural and anthropogenic contributions to the hurricane drought of the 1970sâ€“1980s. Nature Communications, 2022, 13, .	5.8	9
7348	Heavy Precipitation over the Jing-Jin-Ji Region in Early October: What Controls Its Interannual Variability?. Journal of Meteorological Research, 2022, 36, 586-600.	0.9	0
7349	Urban Physics: Introducing New Assessment Tools for Climate Risk Management in Urban Environments. ACS Symposium Series, 0, , 527-549.	0.5	0
7350	Different ENSO Teleconnections over East Asia in Early and Late Winter: Role of Precipitation Anomalies in the Tropical Indian Ocean and Far Western Pacific. Journal of Climate, 2022, 35, 7919-7935.	1.2	13
7351	Improved seasonal prediction of harmful algal blooms in Lake Erie using large-scale climate indices. Communications Earth & Environment, 2022, 3, .	2.6	5
7352	Decadal Change of the Linkage between Sea Ice over the Barents-Kara Seas in November-December and the Stratospheric Polar Vortex in Subsequent January. Journal of Meteorological Research, 2022, 36, 601-617.	0.9	3
7353	Generation and Assessment of ARGO Sea Surface Temperature Climatology for the Indian Ocean Region. Oceanologia, 2022, , .	1.1	0
7354	North Atlantic overturning and water mass transformation in CMIP6 models. Climate Dynamics, 2023, 60, 2871-2891.	1.7	7
7355	Modes and Mechanisms of Pacific Decadal-Scale Variability. Annual Review of Marine Science, 2023, 15, 249-275.	5.1	15
7356	Persistent Mode of February-to-March Precipitation over Southern China: Variation, Mechanism, and Prediction. Journal of Climate, 2023, 36, 131-154.	1.2	2
7357	Contributions of meteorology and anthropogenic emissions to the trends in winter PM _{2.5} in eastern China 2013â€“2018. Atmospheric Chemistry and Physics, 2022, 22, 11945-11955.	1.9	10
7358	Behavioural temperature regulation is a low priority in a coral reef fish (<i>Plectropomus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Biology, 2022, 225, .	0.8	4

#	ARTICLE	IF	CITATIONS
7359	Phase-shift mode of the East Asian trough from December to February: Characteristic and possible mechanisms. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
7360	Numerical Investigation of Tropical Indian Ocean Barrier Layer Variability. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	2
7361	Interdecadal variability of the austral summer precipitation over the Central Andes. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	4
7362	Modulation of ENSO teleconnections over North America by the Pacific decadal oscillation. <i>Environmental Research Letters</i> , 2022, 17, 114005.	2.2	6
7363	Assessment of hot weather seasonal temperatures over India using Monsoon Mission Coupled Forecasting System hindcasts. <i>International Journal of Climatology</i> , 0, , .	1.5	0
7364	Assessing the impact of the recent warming in the East China Sea on a torrential rain event in northern Kyushu (Japan) in early July 2017. <i>Frontiers in Climate</i> , 0, 4, .	1.3	0
7365	Early warning signal for a tipping point suggested by a millennial Atlantic Multidecadal Variability reconstruction. <i>Nature Communications</i> , 2022, 13, .	5.8	13
7366	Multiyear La Niña effects on the precipitation in South America. <i>International Journal of Climatology</i> , 2022, 42, 9567-9582.	1.5	5
7367	Significant relationship between Arctic warming and East Asia hot summers. <i>International Journal of Climatology</i> , 2022, 42, 9530-9538.	1.5	4
7368	Influence of the Tropical Indian Ocean Tripole on Summertime Cold Extremes Over Central Siberia. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	0
7369	North Atlantic Tropical Cyclone Outer Size and Structure Remain Unchanged by the Late Twenty-First Century. <i>Journal of Climate</i> , 2023, 36, 359-382.	1.2	5
7371	Rapid changes in heatwaves pose dual challenge in Eastern China and its adjacent seas. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	1
7372	Influences of Spring Land Surface Thermal Anomalies over West Asia on Indian Early Summer Monsoon Activity and Its Pathway. <i>Journal of Climate</i> , 2022, 35, 6051-6074.	1.2	3
7374	La Niña Came to Eden. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E2862-E2877.	1.7	0
7375	Nonstationary effects of multiple drivers on the dynamics of Japanese sardine (<i>Sardinops</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 18	2.7	4
7376	Correcting Systematic Bias in Climate Model Simulations in the Time-Frequency Domain. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
7377	Comparison of Arctic and Antarctic Stratospheric Climates in Chemistry Versus No-Chemistry Climate Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	6
7378	Fire-climate interactions through the aerosol radiative effect in a global chemistry-vegetation model. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 12353-12366.	1.9	7

#	ARTICLE	IF	CITATIONS
7379	Local and remote forcing on the interannual variations of the sedimentary $\delta^{15}\text{N}$ in Santa Barbara Basin during the past 80 years. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
7380	Multiple time scales of the southern annular mode. <i>Climate Dynamics</i> , 0, , .	1.7	0
7381	Understanding the role of cloud microphysical processes behind the Indian summer monsoon rainfall. <i>Theoretical and Applied Climatology</i> , 2022, 150, 829-845.	1.3	1
7382	The BEAP Teleconnection and Its Relationship With ENSO in CMIP6: Present and Future Projections. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	0
7383	Strong influence of north Pacific Ocean variability on Indian summer heatwaves. <i>Nature Communications</i> , 2022, 13, .	5.8	8
7385	Distinctive Rainfall Evolutions in East Asia between Super and Regular El Niño Events during Their Decaying Summers. <i>Journal of Climate</i> , 2023, 36, 155-170.	1.2	0
7386	Influence of tropical Atlantic meridional dipole of sea surface temperature anomalies on Antarctic autumn sea ice. <i>Environmental Research Letters</i> , 2022, 17, 094046.	2.2	7
7387	Asymmetric Impacts of El Niño and La Niña on Equatorial Atlantic Warming. <i>Journal of Climate</i> , 2023, 36, 193-212.	1.2	3
7388	The inhibition of warm advection on the southward expansion of sea ice during early winter in the Bering Sea. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	1
7389	Predicting gridded winter $\text{PM}_{2.5}$ concentration in the east of China. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 11173-11185.	1.9	3
7390	Is the Atlantic a Source for Decadal Predictability of Sea Level Rise in Venice?. <i>Earth and Space Science</i> , 2022, 9, .	1.1	3
7391	Atlantic Multidecadal Variability Response to External Forcing during the Past Two Millennia. <i>Journal of Climate</i> , 2022, 35, 8103-8115.	1.2	4
7392	A North Atlantic Warming Hole Without Ocean Circulation. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
7393	Weakening of the Atlantic Niño variability under global warming. <i>Nature Climate Change</i> , 2022, 12, 822-827.	8.1	14
7394	Improvements in the relationship between tropical precipitation and sea surface temperature from CMIP5 to CMIP6. <i>Climate Dynamics</i> , 2023, 60, 3319-3337.	1.7	7
7395	Changes in ENSO Characteristics in Model Simulations with Considerably Altered Background Climate States. <i>Journal of Climate</i> , 2023, 36, 467-483.	1.2	1
7396	More profound impact of CP ENSO on Australian spring rainfall in recent decades. <i>Climate Dynamics</i> , 2023, 60, 3065-3079.	1.7	6
7397	Interannual variability of autumn precipitation over the Greater Mekong Subregion. <i>Journal of Geophysical Research D: Atmospheres</i> , 0, , .	1.2	1

#	ARTICLE	IF	CITATIONS
7398	What caused the interdecadal shift in the El Niño–Southern Oscillation (ENSO) impact on dust mass concentration over northwestern South Asia?. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 11255-11274.	1.9	3
7399	Exploring the circum-global teleconnection—Indian summer monsoon interactions in the interannual and multidecadal timescales. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	2
7400	A skilful seasonal prediction for wintertime rainfall in southern Thailand. <i>International Journal of Climatology</i> , 2022, 42, 10048-10061.	1.5	3
7401	Megadrought: A series of unfortunate La Niña events?. <i>Journal of Geophysical Research D: Atmospheres</i> , 0, , .	1.2	0
7402	The Contribution of Climate Change to Increasing Extreme Ocean Warming Around Japan. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	4
7403	Influence of the North Atlantic sea surface temperature on decadal variability of the July precipitation in north China. <i>International Journal of Climatology</i> , 0, , .	1.5	3
7404	Enhanced intensity of the interannual variability of February surface air temperature over mid- and high-latitude Asia since the late 1990s. <i>Journal of Geophysical Research D: Atmospheres</i> , 0, , .	1.2	2
7405	Understanding model spread in sea ice volume by attribution of model differences in seasonal ice growth and melt. <i>Cryosphere</i> , 2022, 16, 4013-4032.	1.5	0
7406	Recognizing the Role of Tropical Seaways in Modulating the Pacific Circulation. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
7407	Changes in Meteorological Dry Conditions across Water Management Zones in Uganda. <i>KSCE Journal of Civil Engineering</i> , 0, , .	0.9	0
7408	Projection of the Indian Summer Monsoon onset using a regionally coupled atmosphere–ocean model. <i>Theoretical and Applied Climatology</i> , 2022, 150, 1187-1199.	1.3	2
7409	Spatiotemporal analysis of monthly rainfall over Saudi Arabia and global teleconnections. <i>Geomatics, Natural Hazards and Risk</i> , 2022, 13, 2618-2648.	2.0	0
7410	Revisiting the ENSO–monsoonal rainfall relationship: new insights based on an objective determination of the Asian summer monsoon duration. <i>Environmental Research Letters</i> , 2022, 17, 104050.	2.2	8
7411	Early-onset trend in European summer caused by Greenland topographic effect. <i>Environmental Research Letters</i> , 2022, 17, 104039.	2.2	0
7412	Modeling and estimation of hurricane wind hazard affecting Mexican coastal regions. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2022, 230, 105199.	1.7	3
7413	Links between winter dust over the Tibetan Plateau and preceding autumn sea ice variability in the Barents and Kara Seas. <i>Advances in Climate Change Research</i> , 2022, 13, 896-908.	2.1	2
7414	Uncertainty in Atlantic Multidecadal Oscillation derived from different observed datasets and their possible causes. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	1
7415	Constraining CMIP6 Projections of an Ice-Free Arctic Using a Weighting Scheme. <i>Earth's Future</i> , 2022, 10, .	2.4	4

#	ARTICLE	IF	CITATIONS
7416	On the future zonal contrasts of equatorial Pacific climate: Perspectives from Observations, Simulations, and Theories. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	34
7417	Estimating Ocean Heat Uptake Using Boundary Green's Functions: A Perfect Model Test of the Method. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	2
7418	Multidecadal Variations in East Asian Winter Temperature Since 1880: Internal Variability Versus External Forcing. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
7419	Increasing Hurricane Intensification Rate Near the US Atlantic Coast. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	13
7420	Joint Contribution of Preceding Pacific SST and Yunnan-Guizhou Plateau Soil Moisture to September Precipitation over the Middle Reaches of the Yellow River. <i>Atmosphere</i> , 2022, 13, 1737.	1.0	1
7421	A regime shift in the interhemispheric teleconnection between the Yellow and East China Seas and the southeastern tropical Pacific during the boreal summer. <i>Climate Dynamics</i> , 0, , .	1.7	0
7423	Assessment of the oceanic channel dynamics responsible for the IOD-ENSO precursory teleconnection in CMIP5 climate models. <i>Frontiers in Climate</i> , 0, 4, .	1.3	2
7424	Influence of climate variability on sea level rise and its teleconnection with sea surface temperature anomalies over the Indo-Pacific Ocean. <i>International Journal of Climatology</i> , 2022, 42, 10195-10216.	1.5	2
7425	Evolution and Trends of Meteorological Drought and Wet Events over the Republic of Djibouti from 1961 to 2021. <i>Climate</i> , 2022, 10, 148.	1.2	6
7426	Strengthened relationship between sea ice in East Siberian Sea and midsummer rainfall in Northeast China. <i>Climate Dynamics</i> , 2023, 60, 3749-3763.	1.7	5
7427	Future Changes in Active and Inactive Atlantic Hurricane Seasons in the Energy Exascale Earth System Model. <i>Geophysical Research Letters</i> , 0, , .	1.5	1
7428	A surface temperature dipole pattern between Eurasia and North America triggered by the Barents-Kara sea-ice retreat in boreal winter. <i>Environmental Research Letters</i> , 2022, 17, 114047.	2.2	3
7429	The Antarctic contribution to 21st-century sea-level rise predicted by the UK Earth System Model with an interactive ice sheet. <i>Cryosphere</i> , 2022, 16, 4053-4086.	1.5	14
7430	Drivers and characteristics of the Indo-western Pacific Ocean capacitor. <i>Frontiers in Climate</i> , 0, 4, .	1.3	4
7432	Understanding the sub-seasonal variation in the wintertime AO spatial pattern from the viewpoint of El Niño-Southern Oscillation. <i>Climate Dynamics</i> , 0, , .	1.7	0
7433	Modulation of North American Heat Waves by the Tropical Atlantic Warm Pool. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
7434	Exacerbation of Indian Summer Monsoon Breaks by the Indirect Effect of Regional Dust Aerosols. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	0
7435	Rising winter temperatures might augment increasing wheat yield in Gangetic Plains. <i>Theoretical and Applied Climatology</i> , 2022, 150, 1531-1544.	1.3	2

#	ARTICLE	IF	CITATIONS
7436	Interdecadal change in autumn rainfall over Southeast China and its association with tropical Pacific SST. <i>Theoretical and Applied Climatology</i> , 2022, 150, 1545-1557.	1.3	1
7437	Ultra-Oligotrophic Waters Expansion in the North Atlantic Subtropical Gyre Revealed by 21 Years of Satellite Observations. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
7438	Multidecadal Variation in the Seasonal Predictability of Winter PNA and Its Sources. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
7440	Seasonal Structure and Interannual Variation of the South Equatorial Current in the Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	3
7441	On the Statistical Estimation of Asymmetrical Relationship Between Two Climate Variables. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
7442	Impact of Tibetan Plateau vertical heating on the Asian summer monsoon on the interdecadal scale. <i>Atmospheric Science Letters</i> , 2023, 24, .	0.8	2
7443	Strategic analysis of the drought resilience of water supply systems. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, .	1.6	7
7444	Evaluating sea ice thickness simulation is critical for projecting a summer ice-free Arctic Ocean. <i>Environmental Research Letters</i> , 2022, 17, 114033.	2.2	5
7445	Roles of external forcing and internal variability to precipitation changes in a sub-region of the U.S. mid-Atlantic during 1979-2019. <i>Journal of Geophysical Research D: Atmospheres</i> , 0, , .	1.2	0
7447	Mechanisms and physical-empirical prediction model of concurrent heatwaves and droughts in July-August over northeastern China. <i>Journal of Hydrology</i> , 2022, 614, 128535.	2.3	10
7448	Recent weakening relationship between the springtime Indo-Pacific warm pool SST zonal gradient and the subsequent summertime western Pacific subtropical high. <i>International Journal of Climatology</i> , 2022, 42, 10173-10194.	1.5	3
7449	A curious case of the Indian Summer Monsoon 2020: The influence of Barotropic Rossby Waves and the monsoon depressions. <i>Atmospheric Research</i> , 2023, 281, 106476.	1.8	5
7450	The Coordinated Influence of Indian Ocean Sea Surface Temperature and Arctic Sea Ice on Anomalous Northeast China Cold Vortex Activities with Different Paths during Late Summer. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 62-77.	1.9	4
7451	A combined sea and sea-ice surface temperature climate dataset of the Arctic, 1982-2021. <i>Remote Sensing of Environment</i> , 2023, 284, 113331.	4.6	12
7452	The influence of different parameterizations on diurnal cycle of land precipitation in CAS-ESM. <i>Atmospheric Research</i> , 2023, 282, 106511.	1.8	0
7453	Seasonal Locking of the MJO's Southward Detour of the Maritime Continent: The Role of the Australian Monsoon. <i>Journal of Climate</i> , 2022, 35, 8153-8168.	1.2	4
7454	Linking Large-Scale Double-ITCZ Bias to Local-Scale Drizzling Bias in Climate Models. <i>Journal of Climate</i> , 2022, 35, 7965-7979.	1.2	2
7455	Interannual Relationship between Summer North Atlantic Oscillation and Subsequent November Precipitation Anomalies over Yunnan in Southwest China. <i>Journal of Meteorological Research</i> , 2022, 36, 718-732.	0.9	1

#	ARTICLE	IF	CITATIONS
7456	Joint effect of the North Pacific Victoria mode and the tropical Pacific on El Niño diversity. <i>Climate Dynamics</i> , 2023, 61, 151-168.	1.7	2
7457	Interannual global carbon cycle variations linked to atmospheric circulation variability. <i>Earth System Dynamics</i> , 2022, 13, 1505-1533.	2.7	2
7458	Decadal variability of the interannual climate predictability associated with the Indo-Pacific oceanic channel dynamics in CCSM4. <i>Frontiers in Climate</i> , 0, 4, .	1.3	2
7459	Single- and multi-year ENSO events controlled by pantropical climate interactions. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	18
7460	A Shifting Tripolar Pattern of Antarctic Sea Ice Concentration Anomalies During Multi-Year La Niña Events. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
7461	Impact of ocean data assimilation on climate predictions with ICON-ESM. <i>Climate Dynamics</i> , 2023, 61, 357-373.	1.7	1
7462	Growth portfolios buffer climate-linked environmental change in marine systems. <i>Ecology</i> , 2023, 104, .	1.5	3
7463	Changes in the factors controlling Northeast Asian spring surface air temperature in the past 60 years. <i>Climate Dynamics</i> , 2023, 61, 169-183.	1.7	5
7464	Two types of cold waves affecting northeast China and the corresponding different key regions of precedent sea ice and sea surface temperature. <i>International Journal of Climatology</i> , 0, , .	1.5	0
7465	Climate models fail to capture strengthening wintertime North Atlantic jet and impacts on Europe. <i>Science Advances</i> , 2022, 8, .	4.7	14
7466	Improving and Harmonizing El Niño Recharge Indices. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
7467	Change in Tropospheric Ozone in the Recent Decades and Its Contribution to Global Total Ozone. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	2
7468	Promoting seasonal prediction capability of the early autumn tropical cyclone formation frequency over the western North Pacific: effect of Arctic sea ice. <i>Environmental Research Letters</i> , 2022, 17, 124012.	2.2	3
7469	Sea surface height fluctuations relevant to Indian summer monsoon over the northwestern Indian Ocean. <i>Frontiers in Climate</i> , 0, 4, .	1.3	2
7470	Emergence of changing Central-Pacific and Eastern-Pacific El Niño-Southern Oscillation in a warming climate. <i>Nature Communications</i> , 2022, 13, .	5.8	21
7471	Improved winter data coverage of the Southern Ocean CO ₂ sink from extrapolation of summertime observations. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	1
7472	The enhanced relationship between summer rainfall over the eastern Tibetan Plateau and sea surface temperature in the tropical Indo-Pacific Ocean. <i>Climate Dynamics</i> , 2023, 60, 4017-4031.	1.7	2
7473	The role of large-scale drivers in the Amundsen Sea Low variability and associated changes in water isotopes from the Roosevelt Island ice core, Antarctica. <i>Climate Dynamics</i> , 0, , .	1.7	1

#	ARTICLE	IF	CITATIONS
7474	The Warming of the Arabian Sea Induced a Northward Summer Monsoon over the Tibetan Plateau. <i>Journal of Climate</i> , 2022, 35, 7541-7554.	1.2	3
7475	Seasonal predictable source of the East Asian summer monsoon rainfall in addition to the ENSO's AO. <i>Climate Dynamics</i> , 2023, 60, 2459-2480.	1.7	4
7476	On Oceanic Initial State Errors in the Ensemble Data Assimilation for a Coupled General Circulation Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	2
7477	Impact of historical climate variability on rice production in Mainland Southeast Asia across multiple scales. <i>Anthropocene</i> , 2022, 40, 100353.	1.6	2
7478	A predictable prospect of the South Asian summer monsoon. <i>Nature Communications</i> , 2022, 13, .	5.8	5
7479	Impacts of tropical cyclones on summertime short-duration precipitation extremes over the middle-lower reaches of the Yangtze River valley. <i>Atmospheric Research</i> , 2023, 282, 106520.	1.8	1
7480	Indo-western Pacific Ocean capacitor events recorded by coral proxies in the South China Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 609, 111315.	1.0	3
7481	Seasonal Climatic Variations Inferred From Pollen in a Laminated Glacier in the Southeastern Tibetan Plateau. <i>Earth and Space Science</i> , 2022, 9, .	1.1	2
7483	Link between the Land's Sea Thermal Contrast and the Asian Summer Monsoon. <i>Journal of Climate</i> , 2023, 36, 213-225.	1.2	0
7484	An enhanced version of the D-Risk decision support webtool for multi-scale management of water abstraction and drought risks in irrigated agriculture. <i>Computers and Electronics in Agriculture</i> , 2023, 204, 107516.	3.7	1
7485	Opposite mass balance variations between glaciers in western Tibet and the western Tien Shan. <i>Global and Planetary Change</i> , 2023, 220, 103997.	1.6	1
7486	Regional tree-ring oxygen isotope deduced summer monsoon drought variability for Kumaun-Gharwal Himalaya. <i>Quaternary Science Reviews</i> , 2023, 301, 107927.	1.4	3
7487	A hybrid statistical-dynamical prediction model for summer precipitation in northwestern China based on NCEP CFSv2. <i>Atmospheric Research</i> , 2023, 283, 106567.	1.8	2
7488	Intrinsic atmospheric circulation patterns associated with high PM2.5 concentration days in South Korea during the cold season. <i>Science of the Total Environment</i> , 2023, 863, 160878.	3.9	6
7489	Joint effect of the Indian Ocean Dipole and the Silk Road Pattern on Indian rainfall during summer to autumn transition. <i>Atmospheric Research</i> , 2023, 283, 106589.	1.8	3
7490	Detection and attribution of climate change: A deep learning and variational approach. , 2022, 1, .		0
7491	The impact of global warming on the small Scottish Fishing Company. <i>Applied Mathematics and Nonlinear Sciences</i> , 2023, 8, 2551-2566.	0.9	0
7492	Analysis of the Interdecadal and Interannual Variability of Autumn Extreme Rainfall in Taiwan Using a Deep-Learning-Based Weather Typing Approach. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2023, 59, 185-205.	1.3	3

#	ARTICLE	IF	CITATIONS
7493	Spatial and Temporal Trends in the Timing of Budburst for Australian Wine Regions. Australian Journal of Grape and Wine Research, 2022, 2022, 1-17.	1.0	0
7494	Limited role of climate change in extreme low rainfall associated with southern Madagascar food insecurity, 2019-21. , 2022, 1, 021003.		5
7495	The Extremely Active 2020 Hurricane Season in the North Atlantic and Its Relation to Climate Variability and Change. Atmosphere, 2022, 13, 1945.	1.0	4
7496	The stationarity of the ENSO teleconnection in European summer rainfall. Climate Dynamics, 2023, 61, 489-506.	1.7	4
7497	Deglacial increase of seasonal temperature variability in the tropical ocean. Nature, 2022, 612, 88-91.	13.7	4
7498	Trends and Variabilities of Different Rainfall Intensities Over the West Coast and Central India and Their Association with Global SSTs. Pure and Applied Geophysics, 2022, 179, 4689-4709.	0.8	1
7499	Differential expansion speeds of Indo-Pacific warm pool and deep convection favoring pool under greenhouse warming. Npj Climate and Atmospheric Science, 2022, 5, .	2.6	8
7500	Terrestrial Water Storage Component Changes Derived from Multisource Data and Their Responses to ENSO in Nicaragua. Remote Sensing, 2022, 14, 6012.	1.8	1
7501	The north-east North Atlantic Tripole implicated as a predictor of the August precipitation decadal variability over north China. Frontiers of Earth Science, 0, , .	0.9	0
7502	Diversity of Northwest Pacific atmospheric circulation anomalies during post-ENSO summer. Frontiers in Environmental Science, 0, 10, .	1.5	1
7503	South Asian summer rainfall from CMIP3 to CMIP6 models: biases and improvements. Climate Dynamics, 0, , .	1.7	2
7504	Empirical evidence for multidecadal scale global atmospheric electric circuit modulation by the El Niño-Southern Oscillation. Environmental Research Letters, 2022, 17, 124048.	2.2	1
7505	Extreme precipitation over northern China in autumn 2021 and joint contributions of tropical and mid-latitude factors. Advances in Climate Change Research, 2022, 13, 835-842.	2.1	8
7506	ENSO and QBO modulation of the relationship between Arctic sea ice loss and Eurasian winter climate. Environmental Research Letters, 2022, 17, 124016.	2.2	1
7507	Factors affecting climate variability of basin-wide western North Pacific tropical cyclone intensity. International Journal of Climatology, 0, , .	1.5	0
7508	Contribution of the Tibetan Plateau Snow Cover to the Record-breaking Rainfall Over the Yangtze River Valley in June 2020. Atmosphere - Ocean, 0, , 1-13.	0.6	0
7509	Effect of spring Bering Sea ice on the Indian summer monsoon onset process. Theoretical and Applied Climatology, 0, , .	1.3	0
7510	The Role of Atmospheric Transport for El Niño-Southern Oscillation Teleconnections. Geophysical Research Letters, 2022, 49, .	1.5	2

#	ARTICLE	IF	CITATIONS
7511	Probabilistic projections of El Niño Southern Oscillation properties accounting for model dependence and skill. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
7512	Toward Ocean Hindcasts in Earth System Models: AMOC Variability in a Partially Coupled Model at Eddy Resolution. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	0
7513	Rise and fall of sea ice production in the Arctic Ocean's ice factories. <i>Nature Communications</i> , 2022, 13, .	5.8	5
7514	Coral Sr/Ca-derived seasonal sea surface temperature variations in the Qiongdong upwelling area of the northern South China Sea during the Medieval Climate Anomaly. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 612, 111374.	1.0	4
7515	Robust estimates for the decadal evolution of Agulhas leakage from the 1960s to the 2010s. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	4
7516	Why Pacific quasi-decadal oscillation has emerged since the mid-20th century. <i>Environmental Research Letters</i> , 2022, 17, 124039.	2.2	1
7517	Extending the Range of Milankovic Cycles and Resulting Global Temperature Variations to Shorter Periods (100 Year Range). <i>Geosciences (Switzerland)</i> , 2022, 12, 448.	1.0	4
7519	Impacts of Model Horizontal Resolution on Mean Sea Surface Temperature Biases in the Community Earth System Model. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	5
7520	Evaluation of Potential Predictability of Indian Summer Monsoon Rainfall in ECMWF's Fifth-Generation Seasonal Forecast System (SEAS5). <i>Pure and Applied Geophysics</i> , 2022, 179, 4639-4655.	0.8	7
7521	Anthropogenic and internal drivers of wind changes over the Amundsen Sea, West Antarctica, during the 20th and 21st centuries. <i>Cryosphere</i> , 2022, 16, 5085-5105.	1.5	12
7522	Inter-annual and intra-annual tree-ring oxygen isotope signals in response to monsoon rainfall in northwestern Thailand. <i>Holocene</i> , 2023, 33, 335-346.	0.9	2
7523	Interdecadal change of external forcings of March rainfall interannual variation over southern China. <i>Climate Dynamics</i> , 0, , .	1.7	0
7524	Influence of Sea Surface Temperature in the Tropics on the Antarctic Sea Ice during Global Warming. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 1859.	1.2	1
7525	The E3SM Diagnostics Package (E3SM Diags v2.7): a Python-based diagnostics package for Earth system model evaluation. <i>Geoscientific Model Development</i> , 2022, 15, 9031-9056.	1.3	2
7526	Significant Increase in Sea Surface Temperature at the Genesis of Tropical Mesoscale Convective Systems. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
7527	Attribution of the Unprecedented 2021 October Heatwave in South Korea. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E2923-E2929.	1.7	0
7528	The double-ITCZ problem in CMIP6 and the influences of deep convection and model resolution. <i>International Journal of Climatology</i> , 2023, 43, 2369-2390.	1.5	3
7529	Performance of Two-Moment Stratiform Microphysics With Prognostic Precipitation in GFDL's CM4.0. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	0

#	ARTICLE	IF	CITATIONS
7530	Benefit of vertical localization for sea surface temperature assimilation in isopycnal coordinate model. <i>Frontiers in Climate</i> , 0, 4, .	1.3	1
7531	Climate-modulated range expansion of reef-building coral communities off southeast Florida during the late Holocene. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	3
7532	Present-day warm pool constrains future tropical precipitation. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	9
7534	Seasonal Predictability of the East Atlantic Pattern in Late Autumn and Early Winter. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	6
7535	ENSOâ€œIOD Interâ€œBasin Connection Is Controlled by the Atlantic Multidecadal Oscillation. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
7536	Subseasonal strength reversal of the East Asian winter monsoon. <i>Climate Dynamics</i> , 2023, 61, 709-727.	1.7	3
7537	An Econometric Analysis of Sea Surface Temperatures, Sea Ice Concentrations and Ocean Surface Current Velocities. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 1854.	1.2	1
7538	The Impact of Winds on AMOC in a Fullyâ€œCoupled Climate Model. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
7539	Importance of Maddenâ€œJulian oscillation phase to the interannual variability of East African rainfall. <i>Atmospheric Science Letters</i> , 2023, 24, .	0.8	4
7540	Equatorial Pacific pCO ₂ Interannual Variability in CMIP6 Models. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	1
7541	Changes in the Dominant Mode of Summer Precipitation Over the Centralâ€œEastern Tibetan Plateau Around the Midâ€œ1990s. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
7542	Understanding extremely pluvial winters over Yangtzeâ€œHuia river basin in China: their complexity and tropical oceans influences. <i>Climate Dynamics</i> , 2023, 61, 687-707.	1.7	1
7543	Why Seasonal Prediction of California Winter Precipitation Is Challenging. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E2688-E2700.	1.7	0
7544	<scp>CMIP6</scp> projected response of the East Asian winter climate to the sea iceâ€œfree Arctic. <i>International Journal of Climatology</i> , 0, , .	1.5	0
7545	Weakening seasonality of Indo-Pacific warm pool size in a warming world since 1950. <i>Environmental Research Letters</i> , 2023, 18, 014024.	2.2	2
7546	Clarifying the Role of ENSO on Easter Island Precipitation Changes: Potential Environmental Implications for the Last Millennium. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	4
7547	Regime shift increase in East Asia's summer extreme hot day frequency across the late 1990s. <i>International Journal of Climatology</i> , 2023, 43, 2305-2317.	1.5	1
7548	Learning by Doing: Seasonal and Diurnal Features of Tropical Precipitation in a Globalâ€œCoupled Stormâ€œResolving Model. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6

#	ARTICLE	IF	CITATIONS
7549	An increase in marine heatwaves without significant changes in surface ocean temperature variability. <i>Nature Communications</i> , 2022, 13, .	5.8	23
7550	Influence of different configurations of western North Pacific anticyclone and Siberian high on spring climate over China. <i>International Journal of Climatology</i> , 2023, 43, 2699-2718.	1.5	1
7551	Stage-dependent influence of PDO on interdecadal summer precipitation anomalies in eastern China. <i>Climate Dynamics</i> , 2023, 61, 2071-2084.	1.7	2
7552	Interannual snowfall variations in Central Asia and their association with ENSO and stratospheric polar vortex during winter. <i>Climate Dynamics</i> , 0, , .	1.7	0
7553	Long-Term Observations of Sea Surface Temperature Variability in the Gulf of Mannar. <i>Journal of Marine Science and Engineering</i> , 2023, 11, 102.	1.2	5
7554	Amplified Asymmetric Impact of ENSO Events on the Wintertime Pacificâ€North American Teleconnection Pattern. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	2
7555	Seasonal prediction of North American wintertime cold extremes in the GFDL SPEAR forecast system. <i>Climate Dynamics</i> , 2023, 61, 1769-1781.	1.7	1
7557	Relationship between the hadley circulation and tropical SST meridional structures under different thermal conditions in the indo-pacific warm pool. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
7558	Revised cloud processes to improve the simulation and prediction skill of Indian summer monsoon rainfall in climate forecast system model. <i>Climate Dynamics</i> , 2023, 61, 2189-2210.	1.7	0
7559	Effect of model resolution on simulation of tropical cyclone landfall in East Asia based on a comparison of 25- and 50-km HiRAMs. <i>Climate Dynamics</i> , 2023, 61, 2085-2101.	1.7	0
7560	Seasonal Prediction of the Record-Breaking Northward Shift of the Western Pacific Subtropical High in July 2021. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 410-427.	1.9	9
7561	Decadal variability of sea surface salinity in the Southeastern Indian Ocean: Roles of local rainfall and the Indonesian throughflow. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	1
7562	Statistical Characteristics of Blocking High in the Ural Mountains during Winters and Relationship with Changes in Sea Surface Temperature and Sea Ice. <i>Atmosphere</i> , 2023, 14, 129.	1.0	0
7563	Tropical Stratospheric Forcings Weaken the Response of the East Asian Winter Temperature to ENSO. , 2023, 2, .		1
7564	Sources of water vapor and their effects on water isotopes in precipitation in the Indian monsoon region: a model-based assessment. <i>Scientific Reports</i> , 2023, 13, .	1.6	4
7565	Contrasting climate drivers of seasonal growth in western vs. eastern Mexican mountain conifer forests. <i>Forest Ecosystems</i> , 2023, , 100091.	1.3	1
7567	Change of the wintertime multidecadal land precipitation variability in the midâ€1970s in the observation and <sc>CMIP6</sc> simulations. <i>International Journal of Climatology</i> , 0, , .	1.5	0
7568	The distinct impacts of the two types of ENSO on rainfall variability over Southeast Asia. <i>Climate Dynamics</i> , 2023, 61, 2155-2172.	1.7	2

#	ARTICLE	IF	CITATIONS
7569	The Euro-Mediterranean Center on Climate Change (CMCC) decadal prediction system. <i>Geoscientific Model Development</i> , 2023, 16, 179-197.	1.3	6
7570	Storm surge variability and prediction from ENSO and tropical cyclones. <i>Environmental Research Letters</i> , 2023, 18, 024016.	2.2	2
7571	Influence of the pace of El Niño decay on tropical cyclone frequency over the western north pacific during decaying El Niño summers. <i>Atmospheric and Oceanic Science Letters</i> , 2023, 16, 100328.	0.5	1
7572	Nocturnal surveys of lined seahorses reveal increased densities and seasonal recruitment patterns. <i>Ecology and Evolution</i> , 2023, 13, .	0.8	1
7573	River effects on sea-level rise in the Río de la Plata estuary during the past century. <i>Ocean Science</i> , 2023, 19, 57-75.	1.3	0
7574	Unabated Global Ocean Warming Revealed by Ocean Heat Content from Remote Sensing Reconstruction. <i>Remote Sensing</i> , 2023, 15, 566.	1.8	5
7575	Sea Surface Temperature Trends in the Coastal Zone of Southern England. <i>Journal of Coastal Research</i> , 2022, 39, .	0.1	0
7576	Lessons Learned from Positive Energy District (PED) Projects: Cataloguing and Analysing Technology Solutions in Different Geographical Areas in Europe. <i>Energies</i> , 2023, 16, 356.	1.6	5
7577	High-latitude precipitation as a driver of multicentennial variability of the AMOC in a climate model of intermediate complexity. <i>Climate Dynamics</i> , 2023, 61, 1519-1534.	1.7	5
7578	Impacts of Observed Extreme Antarctic Sea Ice Conditions on the Southern Hemisphere Atmosphere. <i>Atmosphere</i> , 2023, 14, 36.	1.0	3
7579	Predictability of spatial distribution of pre-summer extreme precipitation days over southern China revealed by the physical-based empirical model. <i>Climate Dynamics</i> , 2023, 61, 2299-2316.	1.7	4
7580	A Physics-Based Empirical Model for the Seasonal Prediction of the Central China July Precipitation. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	9
7581	Intermodel uncertainty in response of the Pacific Walker circulation to global warming. <i>Climate Dynamics</i> , 2023, 61, 2317-2337.	1.7	2
7582	A regime shift in North Pacific annual mean sea surface temperature in 2013/14. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	2
7583	Soil Moisture Assimilation Improves Terrestrial Biosphere Model GPP Responses to Sub-Annual Drought at Continental Scale. <i>Remote Sensing</i> , 2023, 15, 676.	1.8	0
7584	Colder Eastern Equatorial Pacific and Stronger Walker Circulation in the Early 21st Century: Separating the Forced Response to Global Warming From Natural Variability. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	12
7585	Description and Evaluation of a New Deep Convective Cloud Model Considering Inhomogeneity. <i>Journal of Advances in Modeling Earth Systems</i> , 2023, 15, .	1.3	1
7586	Variability and long-term change in Australian monsoon rainfall: A review. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2023, 14, .	3.6	8

#	ARTICLE	IF	CITATIONS
7587	Climate teleconnections modulate global burned area. <i>Nature Communications</i> , 2023, 14, .	5.8	12
7588	Interannual Variability of Extreme Precipitation during the Boreal Summer over Northwest China. <i>Remote Sensing</i> , 2023, 15, 785.	1.8	2
7589	Interactive stratospheric aerosol models' response to different amounts and altitudes of SO ₂ injection during the 1991 Pinatubo eruption. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 921-948.	1.9	15
7590	Explainable deep learning for insights in El Niño and river flows. <i>Nature Communications</i> , 2023, 14, .	5.8	7
7591	The ENSO-induced South Pacific Meridional Mode. <i>Frontiers in Climate</i> , 0, 4, .	1.3	2
7592	Storylines of Maritime Continent dry period precipitation changes under global warming. <i>Environmental Research Letters</i> , 2023, 18, 034017.	2.2	3
7593	Abrupt Increase in ENSO Variability at 700 CE Triggered by Solar Activity. <i>Journal of Geophysical Research: Oceans</i> , 2023, 128, .	1.0	0
7594	Greenhouse warming and internal variability increase extreme and central Pacific El Niño frequency since 1980. <i>Nature Communications</i> , 2023, 14, .	5.8	13
7595	The Influence of Meridional Variation in North Pacific Sea Surface Temperature Anomalies on the Arctic Stratospheric Polar Vortex. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 2262-2278.	1.9	3
7596	Asymmetric impacts of El Niño–Southern Oscillation on the winter precipitation over South China: the role of the India–Burma Trough. <i>Climate Dynamics</i> , 2023, 61, 2211-2227.	1.7	6
7597	Analysis of Temperature Semi-Annual Oscillations (SAO) in the Middle Atmosphere. <i>Remote Sensing</i> , 2023, 15, 857.	1.8	1
7598	Coherence of Fluctuations of Components of the Global Climate System with Slow Fluctuations of Solar Activity according to Ground-Based and Satellite Observations. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2022, 58, 1131-1142.	0.2	1
7599	Streamflow reconstruction in the Kafirnigan River, Tajikistan since 1568 CE reveals a linkage between southern Central Asian hydrological variation and ENSO. <i>International Journal of Climatology</i> , 2023, 43, 3312-3323.	1.5	0
7600	Fusion of ocean data from multiple sources using deep learning: Utilizing sea temperature as an example. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	0
7601	Challenges with interpreting the impact of Atlantic Multidecadal Variability using SST-restoring experiments. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	2.6	5
7602	The role of Antarctic sea ice in modulating the relationship between September–October Antarctic Oscillation and following January–February wet and cold weather in southern China. <i>International Journal of Climatology</i> , 2023, 43, 3605-3628.	1.5	0
7603	Intensity and timing of persistence barriers of global sea surface temperature anomalies. <i>Geoscience Letters</i> , 2023, 10, .	1.3	0
7604	Decadal Prediction of the Summer Extreme Precipitation over Southern China. <i>Atmosphere</i> , 2023, 14, 595.	1.0	2

#	ARTICLE	IF	CITATIONS
7605	A pitchfork-like relationship between reduced Barents-Kara sea ice and Ural atmospheric circulation. <i>Climate Dynamics</i> , 0, , .	1.7	0
7606	Coupled feedback between the tropics and subtropics of the Indian Ocean with emphasis on the coupled interaction between IOD and SIOD. <i>Global and Planetary Change</i> , 2023, 223, 104091.	1.6	4
7607	A Regional Air-Sea Coupled Model Developed for the East Asia and Western North Pacific Monsoon Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	1
7608	Impact of the climate regime shift around 2000 on recruitment of Antarctic krill at the Antarctic Peninsula and South Georgia. <i>Progress in Oceanography</i> , 2023, 213, 103020.	1.5	1
7609	Pan-Atlantic decadal climate oscillation linked to ocean circulation. <i>Communications Earth & Environment</i> , 2023, 4, .	2.6	2
7610	Interdecadal change in the linkage of early summer sea ice in the Barents Sea to the variability of West China Autumn Rain. <i>Atmospheric Research</i> , 2023, 287, 106717.	1.8	2
7611	Simulation of the long-term variability of the Hadley circulation in CMIP6 models. <i>Atmospheric Research</i> , 2023, 287, 106716.	1.8	2
7612	Tropical cyclone dataset for a high-resolution global nonhydrostatic atmospheric simulation. <i>Data in Brief</i> , 2023, 48, 109135.	0.5	0
7613	Decadal difference in influential factors for interannual variations of winter Tibetan Plateau snow. <i>Atmospheric Research</i> , 2023, 288, 106718.	1.8	0
7614	Ocean data assimilation for the initialization of seasonal prediction with the Community Earth System Model. <i>Ocean Modelling</i> , 2023, 183, 102194.	1.0	2
7615	Climate variability and simultaneous breadbasket yield shocks as observed in long-term yield records. <i>Agricultural and Forest Meteorology</i> , 2023, 331, 109321.	1.9	9
7616	Unravelling the influence of teleconnection patterns on monsoon extreme precipitation indices over the Sikkim Himalayas and West Bengal. <i>Journal of Hydrology</i> , 2023, 618, 129148.	2.3	3
7617	Reconstructions and predictions of the global carbon budget with an emission-driven Earth system model. <i>Earth System Dynamics</i> , 2023, 14, 101-119.	2.7	2
7618	Assessing Precipitation Over the Amazon Basin as Simulated by a Storm-Resolving Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	0
7619	Thermohaline patterns of intrinsic Atlantic Multidecadal Variability in MPI-ESM-LR. <i>Climate Dynamics</i> , 2023, 61, 2371-2393.	1.7	1
7620	The Spring Drought in Yunnan Province of China: Variation Characteristics, Leading Impact Factors, and Physical Mechanisms. <i>Atmosphere</i> , 2023, 14, 294.	1.0	3
7621	Spatial and seasonal variations in the particulate sinking flux in the Bay of Bengal. <i>Progress in Oceanography</i> , 2023, 211, 102983.	1.5	2
7622	Influence of the North American dipole on the Atlantic warm pool. <i>Frontiers in Earth Science</i> , 0, 11, .	0.8	0

#	ARTICLE	IF	CITATIONS
7623	Intraseasonal mode of East Asian trough anomalies in boreal winter and specific possible mechanisms. <i>Climate Dynamics</i> , 2023, 61, 2421-2441.	1.7	1
7624	Interdecadal Pacific Oscillation modulation of ENSO teleconnections in its decaying stages: Relations with Indian Ocean basin-wide mode and South American precipitation. <i>International Journal of Climatology</i> , 0, , .	1.5	1
7626	Variations and possible causes of the December PM2.5 in Eastern China during 2000–2020. <i>Frontiers in Environmental Science</i> , 0, 11, .	1.5	2
7627	Impact of Extratropical Northeast Pacific SST on U.S. West Coast Precipitation. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	2
7628	Enhanced Linkage of Summer Drought in Southern China to the North Pacific Oscillation Since 2000. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	6
7629	Seasonal prediction and possible causes of sudden losses of sea-ice in the Weddell Sea in recent years based on potential oceanic and atmospheric factors. <i>Frontiers in Environmental Science</i> , 0, 11, .	1.5	0
7630	Impact of changes in refractive indices of secondary organic aerosols on precipitation over China during 1980–2019. <i>Atmospheric Environment</i> , 2023, 299, 119644.	1.9	1
7631	Subseasonal variability and the Arctic warming-Eurasia cooling-trend. <i>Science Bulletin</i> , 2023, 68, 528-535.	4.3	7
7632	Influence of Kamchatka Blocking and East Asian winter monsoon on the winter 2m temperature over South Korea. <i>International Journal of Climatology</i> , 2023, 43, 3353-3372.	1.5	1
7633	Fishing impacts on age structure may conceal environmental drivers of body size in exploited fish populations. <i>ICES Journal of Marine Science</i> , 0, , .	1.2	2
7635	The Atlantic Meridional Mode and Associated Wind-SST Relationship in the CMIP6 Models. <i>Atmosphere</i> , 2023, 14, 359.	1.0	4
7636	Potential Vorticity Dynamics Explain How Extratropical Oceans and the Arctic Modulate Wintertime Land Temperature Variations. <i>Earth's Future</i> , 2023, 11, .	2.4	1
7637	Linkage of Spring Vegetation Dipole Pattern in Mid-High Latitude Asia to Preceding Autumn Sea Ice Over the Barents-Laptev Seas. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	0
7638	High survival following bleaching underscores the resilience of a frequently disturbed region of the Great Barrier Reef. <i>Ecosphere</i> , 2023, 14, .	1.0	6
7639	Subseasonal Variation in the Winter ENSO-NAO Relationship and the Modulation of Tropical North Atlantic SST Variability. <i>Climate</i> , 2023, 11, 47.	1.2	5
7640	Seasonal distribution of ozone and radiation field at the stratosphere. <i>Kongjian Kexue Xuebao</i> , 2015, 35, 40.	0.2	1
7641	Decadal variability of precipitation over the Tibetan Plateau modulated by the 11-year solar cycle over the past millennium. <i>Frontiers in Earth Science</i> , 0, 11, .	0.8	1
7642	Unraveling the Arctic Sea Ice Change since the Middle of the Twentieth Century. <i>Geosciences (Switzerland)</i> , 2023, 13, 58.	1.0	2

#	ARTICLE	IF	CITATIONS
7643	Weakening of the Summer Monsoon Over the Past 150 Years Shown by a Tree-Ring Record From Shandong, Eastern China, and the Potential Role of North Atlantic Climate. <i>Paleoceanography and Paleoclimatology</i> , 2023, 38, .	1.3	1
7644	Origins of Multidecadal SST Variations in the Southern Atlantic and Indian Oceans Since the 1960s. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	0
7645	Important role of stratosphere-troposphere coupling in the Arctic mid-to-upper tropospheric warming in response to sea-ice loss. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	2.6	6
7646	Asymmetric response of South Asian summer monsoon rainfall in a carbon dioxide removal scenario. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	2.6	3
7647	Antarctic shelf ocean warming and sea ice melt affected by projected El Niño changes. <i>Nature Climate Change</i> , 2023, 13, 235-239.	8.1	11
7648	On the ocean's response to enhanced Greenland runoff in model experiments: relevance of mesoscale dynamics and atmospheric coupling. <i>Ocean Science</i> , 2023, 19, 141-167.	1.3	7
7649	Indices of Pacific Walker Circulation Strength. <i>Atmosphere</i> , 2023, 14, 397.	1.0	1
7650	The Warm Arctic-Cold Eurasia Pattern and Its Key Region in Winter in CMIP6 Model Simulations. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 2138-2153.	1.9	1
7651	Remarkable Changes in the Dominant Modes of North Pacific Sea Surface Temperature. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	4
7652	Two regimes of inter-basin interactions between the Atlantic and Pacific Oceans on interannual timescales. <i>Npj Climate and Atmospheric Science</i> , 2023, 6, .	2.6	4
7653	Impact of El Niño-Southern Oscillation and Indian Ocean Dipole on malaria transmission over India in changing climate. <i>International Journal of Environmental Science and Technology</i> , 2024, 21, 91-100.	1.8	0
7654	Sources of Inter-Model Diversity in the Strength of the Relationship Between the Indian Summer Monsoon Rainfall and El Niño-Southern Oscillation. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	1
7655	çfã, æµ-èj"éçæ,©ã° ãšã,ç°-ã° ãšæ°"çž-æµã-1é"è-é«~ãžŸ9æœ^é™æ°'ã¼,ã,çš,,ã...ãçã½±ã"• SCIENTIA SINICA <i>Terrae</i> , 2023, , .		
7656	ENSO teleconnections in terms of non-NAO and NAO atmospheric variability. <i>Climate Dynamics</i> , 2023, 61, 2717-2733.	1.7	2
7657	Different role of spring season Atlantic SST anomalies in Indian summer monsoon rainfall (ISMR) variability before and after early 2000. <i>Climate Dynamics</i> , 2023, 61, 2783-2796.	1.7	1
7658	Key Role of Arctic Sea-Ice in Subseasonal Reversal of Early and Late Winter PM _{2.5} Concentration Anomalies Over the North China Plain. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	7
7659	Weakened interannual Tropical Atlantic variability in CMIP6 historical simulations. <i>Climate Dynamics</i> , 2023, 61, 2797-2813.	1.7	0
7660	ENSO and PDO Effect on Stratospheric Dynamics in Isca Numerical Experiments. <i>Atmosphere</i> , 2023, 14, 459.	1.0	2

#	ARTICLE	IF	CITATIONS
7661	Deconstructing Global Observed and Reanalysis Total Cloud Cover Fields Based on Pacific Climate Modes. <i>Atmosphere</i> , 2023, 14, 456.	1.0	0
7662	Unintended consequences of climate-adaptive fisheries management targets. <i>Fish and Fisheries</i> , 2023, 24, 439-453.	2.7	6
7663	Equatorial Submesoscale Eddies Contribute to the Asymmetry in ENSO Amplitude. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	1
7664	Potential Impact of Winter-Spring North Atlantic Tripole SSTAs on the Following Autumn-Winter El Niño-Southern Oscillation: Bridging Role of the Tibetan Plateau. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	4
7666	Precipitation anomaly over the Tibetan Plateau affected by tropical sea-surface temperatures and mid-latitude atmospheric circulation in September. <i>Science China Earth Sciences</i> , 2023, 66, 619-632.	2.3	0
7667	Mechanisms underlying the epipelagic ecosystem response to ENSO in the equatorial Pacific ocean. <i>Progress in Oceanography</i> , 2023, 213, 103002.	1.5	0
7668	Likely accelerated weakening of Atlantic overturning circulation emerges in optimal salinity fingerprint. <i>Nature Communications</i> , 2023, 14, .	5.8	5
7669	Asymmetric effect of ENSO in the decaying stage on the central China July precipitation. <i>Climate Dynamics</i> , 2023, 61, 3029-3045.	1.7	2
7670	The influence of solar-modulated regional circulations and galactic cosmic rays on global cloud distribution. <i>Scientific Reports</i> , 2023, 13, .	1.6	7
7671	An Assessment of the Oceanic Physical and Biogeochemical Components of CMIP5 and CMIP6 Models for the Ross Sea Region. <i>Journal of Geophysical Research: Oceans</i> , 2023, 128, .	1.0	1
7672	Revealing the Formation of the Dipole Mode of Eurasian Snow Cover Variability During Late Autumn. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	1
7673	Synergistic Effect of El Niño and Arctic Sea-Ice Increment on Wintertime Northeast Asian Anomalous Anticyclone and Its Corresponding PM _{2.5} Pollution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	4
7674	Synchronous climate hazards pose an increasing challenge to global coffee production. , 2023, 2, e0000134.		3
7675	European Winter Climate Response to Projected Arctic Sea-Ice Loss Strongly Shaped by Change in the North Atlantic Jet. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	1
7676	Climate-induced long-term variations of the Arctic ecosystems. <i>Progress in Oceanography</i> , 2023, 213, 103006.	1.5	2
7677	Impact of Ural Blocking on Early Winter Climate Variability Under Different Barents-Kara Sea Ice Conditions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	7
7678	Evaluation of the Pacific Decadal Oscillation from 1901 to 2014 in CMIP6 models. <i>Climate Research</i> , 2023, 90, 1-15.	0.4	2
7679	Seasonal Dependence and Variability of Rainfall Extremes in a Tropical River Basin, South Asia. <i>Sustainability</i> , 2023, 15, 5106.	1.6	2

#	ARTICLE	IF	CITATIONS
7680	Causes of the record-low Antarctic sea-ice in austral summer 2022. <i>Atmospheric and Oceanic Science Letters</i> , 2023, 16, 100353.	0.5	4
7682	A high concentration CO ₂ pool over the Indo-Pacific Warm Pool. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
7683	Long-lasting impact of winter North Atlantic Oscillation on Barents-Kara sea ice anomaly in recent decades. <i>Environmental Research Letters</i> , 2023, 18, 044015.	2.2	2
7684	Decadal variation of the relationship between the previous autumn IOD and the South China Sea summer monsoon. <i>Frontiers in Earth Science</i> , 0, 11, .	0.8	2
7685	Compound Climate Risk: Diagnosing Clustered Regional Flooding at Inter-Annual and Longer Time Scales. <i>Hydrology</i> , 2023, 10, 67.	1.3	1
7686	Estimating global artisanal fishing fleet responses in an era of rapid climate and economic change. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	2
7687	Attribution of tropical sea surface temperature change on extreme precipitation over the Yangtze River Valley in 2020. <i>Climate Dynamics</i> , 0, , .	1.7	0
7688	The Contribution of Local and Remote Transpiration, Ground Evaporation, and Canopy Evaporation to Precipitation Across North America. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	4
7689	Interannual variation of summer sea surface temperature in the Amundsen Sea, Antarctica. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	1
7690	What Causes the Arabian Gulf Significant Summer Sea Surface Temperature Warming Trend?. <i>Atmosphere</i> , 2023, 14, 586.	1.0	3
7691	Widespread latitudinal asymmetry in the performance of marginal populations: A meta-analysis. <i>Global Ecology and Biogeography</i> , 2023, 32, 842-854.	2.7	1
7692	Significant Inverse Influence of Tropical Indian Ocean SST on SIF of Indian Vegetation during the Summer Monsoon Onset Phase. <i>Remote Sensing</i> , 2023, 15, 1756.	1.8	0
7693	Geographical variation in cool and warm season responses of earlywood and latewood tree-ring chronologies in <i>Athrotaxis selaginoides</i> . <i>Journal of Quaternary Science</i> , 0, , .	1.1	0
7694	The compound impacts of sea surface temperature modes in the Indian and North Atlantic oceans on the extreme precipitation days in the Yangtze River Basin. <i>Climate Dynamics</i> , 2023, 61, 3327-3341.	1.7	6
7695	Spatial minimum temperature reconstruction over the last three centuries for eastern Nepal Himalaya based on tree rings of <i>Larix griffithiana</i> . <i>Theoretical and Applied Climatology</i> , 2023, 152, 895-910.	1.3	2
7696	Impact of Accelerated Climate Change on Maximum Temperature Differences between Western and Coastal Sydney. <i>Climate</i> , 2023, 11, 76.	1.2	1
7697	Indian Ocean variability changes in the Paleoclimate Modelling Intercomparison Project. <i>Climate of the Past</i> , 2023, 19, 681-701.	1.3	3
7699	Remote linkage of record-breaking U.S. Tornado outbreaks to the tropical cyclone in western North Pacific in December 2021. <i>Environmental Research Letters</i> , 2023, 18, 044036.	2.2	0

#	ARTICLE	IF	CITATIONS
7700	Relationship between South China Sea Summer Monsoon and Western North Pacific Tropical Cyclones Linkages with the Interaction of Indo-Pacific Pattern. <i>Atmosphere</i> , 2023, 14, 645.	1.0	0
7701	Impact of the Indian Ocean SST on Wintertime Total Column Ozone Over the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	1
7702	Seasonal and regional contrasts of future trends in interannual arctic climate variability. <i>Climate Dynamics</i> , 0, , .	1.7	1
7703	Linkage of the Decadal Variability of Extreme Summer Heat in North China with the IPOD since 1981. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 1617-1631.	1.9	2
7704	ARMA model development and analysis for global temperature uncertainty. <i>Frontiers in Astronomy and Space Sciences</i> , 0, 10, .	1.1	0
7705	Quantifying the role of antecedent Southwestern Indian Ocean capacitance on the summer monsoon rainfall variability over homogeneous regions of India. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
7706	Diverse Response of Western North Pacific Anticyclone to Fastâ€ˆDecay El NiÃ±o During Decaying Summer. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	1
7707	Interannual variability of extreme precipitation in late summer over west China during 1961â€ˆ2021. <i>Frontiers in Environmental Science</i> , 0, 11, .	1.5	0
7708	Role of mean, variability and teleconnection of clouds behind Indian summer monsoon rainfall. <i>International Journal of Climatology</i> , 2023, 43, 4099-4118.	1.5	0
7709	Current <sc>AMO</sc> mitigating extreme high temperatures in Central Asia under global warming. <i>International Journal of Climatology</i> , 2023, 43, 3947-3962.	1.5	0
7710	Weak persistence of Northwest Pacific anomalous anticyclone during post-El NiÃ±o summers in CMIP5 and CMIP6 models. <i>Climate Dynamics</i> , 2023, 61, 3805-3830.	1.7	0
7711	Impact of the Shrinkage of Arctic Sea Ice on Eurasian Snow Cover Changes in 1979â€ˆ2021. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 2183-2194.	1.9	1
7712	Variability modes of September Arctic sea ice: drivers and their contributions to sea ice trend and extremes. , 2023, 2, 025005.		1
7713	To what extent does ENSO rectify the tropical Pacific mean state?. <i>Climate Dynamics</i> , 2023, 61, 3875-3891.	1.7	0
7714	Impacts of Tibetan Plateau sensible heat and El NiÃ±oâ€ˆSouthern Oscillation on precipitation over South China under the background of the PDO. <i>Frontiers in Environmental Science</i> , 0, 11, .	1.5	0
7716	A simple diagnostic based on sea surface height with an application to central Pacific ENSO. <i>Ocean Science</i> , 2023, 19, 421-430.	1.3	1
7717	Modulating role of the <sc>Interdecadal Pacific Oscillation</sc> on the relationship between interannual variation of the long rains over Tanzania and southâ€ˆcentral tropical Indian Ocean sea surface temperature. <i>International Journal of Climatology</i> , 0, , .	1.5	0
7718	Biases and improvements of the boreal winterâ€ˆspring equatorial undercurrent in the Indian Ocean in the CMIP5 and CMIP6 models. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	1

#	ARTICLE	IF	CITATIONS
7719	Lagged Linkage between the Kara-Barents Sea Ice and Early Summer Rainfall in Eastern China in Chinese CMIP6 Models. <i>Remote Sensing</i> , 2023, 15, 2111.	1.8	0
7720	Strengthening effect of El Niño on the following spring Indian Ocean warming with implications for the seasonal prediction of the Asian summer monsoons. <i>Environmental Research Communications</i> , 0, , .	0.9	1
7721	Graph Signal Sampling Under Stochastic Priors. <i>IEEE Transactions on Signal Processing</i> , 2023, 71, 1421-1434.	3.2	1
7722	East Asian summer precipitation in <sc>AWI</sc>: Comparison with observations and <sc>CMIP6</sc> models. <i>International Journal of Climatology</i> , 2023, 43, 4083-4098.	1.5	1
7723	The impacts of global atmospheric circulations on the water supply in select watersheds in the Indonesian Maritime Continent using SPI. <i>Heliyon</i> , 2023, 9, e15604.	1.4	5
7724	Impact of the winter Arctic sea ice anomaly on the following summer tropical cyclone genesis frequency over the western North Pacific. <i>Climate Dynamics</i> , 2023, 61, 3971-3988.	1.7	3
7725	Long-term shift and recent early onset of chlorophyll-a bloom and coastal upwelling along the southern coast of Java. <i>Frontiers in Climate</i> , 0, 5, .	1.3	1
7726	Construction of deep-learning based WWBs parameterization for ENSO prediction. <i>Atmospheric Research</i> , 2023, 289, 106770.	1.8	0
7727	Effects of Equatorial Ocean Current Bias on Simulated El Niño Pattern in CMIP6 Models. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	2
7728	The south-north equatorial asymmetrical distribution of Chlorophyll in El Niño events in the observations and CMIP6 models. <i>Ocean Modelling</i> , 2023, , 102203.	1.0	0
7729	Performance-based sub-selection of CMIP6 models for impact assessments in Europe. <i>Earth System Dynamics</i> , 2023, 14, 457-483.	2.7	7
7730	A CMIP6-based multi-model downscaling ensemble to underpin climate change services in Australia. <i>Climate Services</i> , 2023, 30, 100368.	1.0	6
7731	Distinct features of mid-winter North Pacific storm track suppression associated with central and eastern Pacific El Niños. <i>Atmospheric Research</i> , 2023, 289, 106769.	1.8	0
7739	Restoration of Time-Varying Graph Signals using Deep Algorithm Unrolling. , 2023, , .		1
7802	Anthropogenic impacts on twentieth-century ENSO variability changes. <i>Nature Reviews Earth & Environment</i> , 2023, 4, 407-418.	12.2	10
7818	Multiyear La Niña Events and Poor Harvest of Sea Salt in Madura Island. <i>Springer Proceedings in Physics</i> , 2023, , 687-695.	0.1	0
7819	Recent Advances in China on the Predictability of Weather and Climate. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 1521-1547.	1.9	5
7865	The seas around China in a warming climate. <i>Nature Reviews Earth & Environment</i> , 2023, 4, 535-551.	12.2	12

#	ARTICLE	IF	CITATIONS
7982	Seasonal variability of precipitations over the territory of Russia for 1966-2021. , 2023, , .		0
7983	The Role of Natural Fluctuations and Factors of External Forcing in Early 20th Century Warming in the Northern Hemisphere. Izvestiya - Atmospheric and Oceanic Physics, 2023, 59, S81-S96.	0.2	0
7984	Evolution of interannual sea surface temperature variability in the tropical Pacific. , 2023, , .		0
7986	Mechanisms of tropical Pacific decadal variability. Nature Reviews Earth & Environment, 2023, 4, 754-769.	12.2	3
7990	Characterization of Observed Sea Surface Temperature in the Tropical Atlantic: Impact of Spatial Resolution. , 2023, , .		0
8011	Southern Hemisphere Volcanism Triggered Multi-year La Niñas during the Last Millennium. Advances in Atmospheric Sciences, 2024, 41, 587-592.	1.9	0
8116	Southern Africa Climate Over the Recent Decades: Description, Variability and Trends. Ecological Studies, 2024, , 149-168.	0.4	0