

Monsoons: Processes, predictability, and the prospects

Journal of Geophysical Research

103, 14451-14510

DOI: [10.1029/97jc02719](https://doi.org/10.1029/97jc02719)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Tropical Ocean-Global Atmosphere observing system: A decade of progress. <i>Journal of Geophysical Research</i> , 1998, 103, 14169-14240.	3.3	884
2	ENSO theory. <i>Journal of Geophysical Research</i> , 1998, 103, 14261-14290.	3.3	809
3	Influence of El Niño on the 1997 Indian Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , 1999, 77, 1023-1037.	0.7	13
4	High-frequency oscillations of the last 70,000 years in the tropical/subtropical and polar climates. <i>Geophysical Monograph Series</i> , 1999, , 113-126.	0.1	13
5	Interdecadal Changes in the ENSO-Monsoon System. <i>Journal of Climate</i> , 1999, 12, 2679-2690.	1.2	1,597
6	A broad-scale circulation index for the interannual variability of the Indian summer monsoon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1999, 125, 611-633.	1.0	380
7	The effect of land-surface feedbacks on the monsoon circulation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1999, 125, 1527-1550.	1.0	44
8	Climatic trends and periodicities of annual rainfall over India. <i>Meteorological Applications</i> , 1999, 6, 395-404.	0.9	40
9	Coupled ocean-atmosphere dynamics in the Indian Ocean during 1997-98. <i>Nature</i> , 1999, 401, 356-360.	13.7	1,800
10	Interdecadal Variations of ENSO Signals and Annual Cycles Revealed by Wavelet Analysis. <i>Journal of Oceanography</i> , 1999, 55, 385-394.	0.7	19
11	A Technique of Rainfall Assimilation for Dynamic Extended Range Monsoon Prediction. <i>Meteorology and Atmospheric Physics</i> , 1999, 71, 157-168.	0.9	3
12	On the Weakening Relationship Between the Indian Monsoon and ENSO. <i>Science</i> , 1999, 284, 2156-2159.	6.0	1,325
13	Effects of sea surface temperature and large-scale dynamics on the thermodynamic equilibrium state and convection over the tropical western Pacific. <i>Journal of Geophysical Research</i> , 1999, 104, 6093-6100.	3.3	22
14	Throughflow within Makassar Strait. <i>Geophysical Research Letters</i> , 1999, 26, 3325-3328.	1.5	176
15	Onset of the Somali Jet in the Arabian Sea during June 1997. <i>Journal of Geophysical Research</i> , 1999, 104, 18041-18046.	3.3	32
16	Warm Pool SST Variability in Relation to the Surface Energy Balance. <i>Journal of Climate</i> , 1999, 12, 1292-1305.	1.2	50
19	A Data-Assimilative Numerical Model of the Northern Indian Ocean. <i>Journal of Atmospheric and Oceanic Technology</i> , 2000, 17, 1525-1540.	0.5	16
20	Interannual and Interdecadal Variations of the East Asian Summer Monsoon and Tropical Pacific SSTs. Part II: Meridional Structure of the Monsoon. <i>Journal of Climate</i> , 2000, 13, 4326-4340.	1.2	261

#	ARTICLE	IF	CITATIONS
21	Indian Monsoonâ€™s ENSO Relationship on Interdecadal Timescale. <i>Journal of Climate</i> , 2000, 13, 579-595.	1.2	420
22	Dominant Factors Responsible for Interannual Variability of the Summer Monsoon in the Southwestern United States. <i>Journal of Climate</i> , 2000, 13, 759-776.	1.2	142
23	A Quasi-Equilibrium Tropical Circulation Modelâ€™s Implementation and Simulation*. <i>Journals of the Atmospheric Sciences</i> , 2000, 57, 1767-1796.	0.6	129
24	Transport, Moisture, and Rain in a Simple Monsoonlike Flow. <i>Journals of the Atmospheric Sciences</i> , 2000, 57, 1817-1838.	0.6	4
25	Impact of CO ₂ Doubling on the Asian Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , 2000, 78, 421-439.	0.7	89
26	Wavelet analysis of the association between the Southern Oscillation and the Indian summer monsoon. <i>International Journal of Climatology</i> , 2000, 20, 89-104.	1.5	40
27	Influence of the Indian summer monsoon on ENSO. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2000, 126, 213-239.	1.0	114
28	Predictability of snowâ€™depth anomalies over Eurasia and associated circulation patterns. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2000, 126, 241-262.	1.0	29
29	Predictability and the relationship between subseasonal and interannual variability during the Asian summer monsoon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2000, 126, 2545-2574.	1.0	168
30	An effective method for correcting the seasonalâ€™interannual prediction of summer climate anomaly. <i>Advances in Atmospheric Sciences</i> , 2000, 17, 234-240.	1.9	38
31	Significance of the normalized seasonality of wind field and its rationality for characterizing the monsoon. <i>Science in China Series D: Earth Sciences</i> , 2000, 43, 646-653.	0.9	31
32	New Models for Long Range Forecasts of Summer Monsoon Rainfall over North West and Peninsular India. <i>Meteorology and Atmospheric Physics</i> , 2000, 73, 211-225.	0.9	48
33	Sea-ice effects on climate model sensitivity and low frequency variability. <i>Climate Dynamics</i> , 2000, 16, 257-271.	1.7	7
34	Recent biennial variability of meteorological features in the eastern Highland Himalayas. <i>Geophysical Research Letters</i> , 2000, 27, 2185-2188.	1.5	25
35	Intraseasonal and Interannual Variability of Rainfall over India. <i>Journal of Climate</i> , 2000, 13, 4366-4377.	1.2	395
36	Pacificâ€™East Asian Teleconnection: How Does ENSO Affect East Asian Climate?. <i>Journal of Climate</i> , 2000, 13, 1517-1536.	1.2	2,340
37	A Coupled Oceanâ€™Atmosphere System of SST Modulation for the Indian Ocean*. <i>Journal of Climate</i> , 2000, 13, 3342-3360.	1.2	106
38	The Global Monsoon as Seen through the Divergent Atmospheric Circulation. <i>Journal of Climate</i> , 2000, 13, 3969-3993.	1.2	421

#	ARTICLE	IF	CITATIONS
39	Indian Ocean SST and Indian Summer Rainfall: Predictive Relationships and Their Decadal Variability. <i>Journal of Climate</i> , 2000, 13, 2503-2519.	1.2	197
40	Impact of ENSO on the Variability of the Asian–Australian Monsoons as Simulated in GCM Experiments. <i>Journal of Climate</i> , 2000, 13, 4287-4309.	1.2	430
41	Interannual and Interdecadal Variations of the East Asian Summer Monsoon and Tropical Pacific SSTs. Part I: Roles of the Subtropical Ridge. <i>Journal of Climate</i> , 2000, 13, 4310-4325.	1.2	692
42	A Theory for the Tropical Tropospheric Biennial Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2000, 57, 2209-2224.	0.6	150
43	Intraseasonal variation of monsoon activities associated with the rainfall over Bangladesh during the 1995 summer monsoon season. <i>Journal of Geophysical Research</i> , 2000, 105, 29445-29459.	3.3	36
44	Tropical Pacific Forcing of Decadal SST Variability in the Western Indian Ocean over the Past Two Centuries. <i>Science</i> , 2000, 287, 617-619.	6.0	248
45	A High-Resolution Millennial Record of the South Asian Monsoon from Himalayan Ice Cores. <i>Science</i> , 2000, 289, 1916-1919.	6.0	817
46	Predicting uncertainty in forecasts of weather and climate. <i>Reports on Progress in Physics</i> , 2000, 63, 71-116.	8.1	332
47	Intraseasonal variability and tides in Makassar Strait. <i>Geophysical Research Letters</i> , 2000, 27, 1499-1502.	1.5	40
48	On the relationship between Indian Ocean sea surface temperature and Asian Summer Monsoon. <i>Geophysical Research Letters</i> , 2001, 28, 2843-2846.	1.5	99
49	The Tropospheric Biennial Oscillation and Indian Monsoon rainfall. <i>Geophysical Research Letters</i> , 2001, 28, 1731-1734.	1.5	50
50	The Origin of Monsoons. <i>Journals of the Atmospheric Sciences</i> , 2001, 58, 3497-3507.	0.6	139
51	Oscillations of Bay of Bengal sea surface temperature during the 1998 Summer Monsoon. <i>Geophysical Research Letters</i> , 2001, 28, 2033-2036.	1.5	182
52	Role of equatorially asymmetric sea surface temperature anomalies in the Indian Ocean in the Asian summer monsoon and El Niño–Southern Oscillation coupling. <i>Journal of Geophysical Research</i> , 2001, 106, 4681-4693.	3.3	84
53	A central tropical Pacific coral demonstrates Pacific, Indian, and Atlantic decadal climate connections. <i>Geophysical Research Letters</i> , 2001, 28, 2209-2212.	1.5	129
54	Coherent intraseasonal oscillations of ocean and atmosphere during the Asian Summer Monsoon. <i>Geophysical Research Letters</i> , 2001, 28, 4127-4130.	1.5	219
55	Variations of the northwest Australian summer monsoon over the last 300,000 years: the paleohydrological record of the Gregory (Mulan) Lakes System. <i>Quaternary International</i> , 2001, 83-85, 63-80.	0.7	106
56	Initiation of the Australian summer monsoon 14,000 years ago. <i>Quaternary International</i> , 2001, 83-85, 119-128.	0.7	131

#	ARTICLE	IF	CITATIONS
57	Terrestrial evidence for a spatial structure of tropical–polar interconnections during the Younger Dryas episode. <i>Earth and Planetary Science Letters</i> , 2001, 191, 231-239.	1.8	62
58	An Agroclimatological Characterization of the Indo-Gangetic Plains. <i>The Journal of Crop Improvement: Innovations in Practice and Research</i> , 2001, 3, 53-65.	0.4	3
59	Chapter 4 Tropical Ocean Variability. <i>International Geophysics</i> , 2001, , 217-xiv.	0.6	5
60	Atmospheric Seasonal Predictability Experiments by the JMA AGCM.. <i>Journal of the Meteorological Society of Japan</i> , 2001, 79, 1183-1206.	0.7	29
61	Somali Jet in the Arabian Sea, El Niño, and India Rainfall. <i>Journal of Climate</i> , 2001, 14, 434-441.	1.2	48
62	Intraseasonal Oscillations and Interannual Variability of the Indian Summer Monsoon. <i>Journal of Climate</i> , 2001, 14, 1180-1198.	1.2	456
63	Oceanic Influences on the Seasonal Cycle in Evaporation over the Indian Ocean. <i>Journal of Climate</i> , 2001, 14, 1199-1226.	1.2	25
64	Equatorial Waves and Air–Sea Interaction in the Boreal Summer Intraseasonal Oscillation. <i>Journal of Climate</i> , 2001, 14, 2923-2942.	1.2	336
65	Equatorial Circulation of a Global Ocean Climate Model with Anisotropic Horizontal Viscosity. <i>Journal of Physical Oceanography</i> , 2001, 31, 518-536.	0.7	137
66	Interannual Sea Surface Temperature Variability and the Predictability of Tropical Intraseasonal Variability. <i>Journals of the Atmospheric Sciences</i> , 2001, 58, 2596-2615.	0.6	32
67	A Coupled Air–Sea–Monsoon Oscillator for the Tropospheric Biennial Oscillation. <i>Journal of Climate</i> , 2001, 14, 752-764.	1.2	46
68	Low-Frequency Modulation of the ENSO–Indian Monsoon Rainfall Relationship: Signal or Noise?. <i>Journal of Climate</i> , 2001, 14, 2486-2492.	1.2	219
69	Predictability of the 1997 and 1998 South Asian Summer Monsoon Low-Level Winds. <i>Journal of Climate</i> , 2001, 14, 3173-3191.	1.2	10
70	El Niño as a Natural Experiment for Studying the Tropical Tropopause Region. <i>Journal of Climate</i> , 2001, 14, 3375-3392.	1.2	71
71	The Dynamics of Double Monsoon Onsets. <i>Journal of Climate</i> , 2001, 14, 4130-4146.	1.2	87
72	Dynamical Seasonal Predictability of the Asian Summer Monsoon. <i>Monthly Weather Review</i> , 2001, 129, 2226-2248.	0.5	108
73	Probabilistic Precipitation Anomalies Associated with ENSO. <i>Bulletin of the American Meteorological Society</i> , 2001, 82, 619-638.	1.7	272
74	Summer monsoon rainfalls over Mid–Eastern China lagged correlated with global SSTs. <i>Advances in Atmospheric Sciences</i> , 2001, 18, 179-196.	1.9	24

#	ARTICLE	IF	CITATIONS
75	A review on seasonal climate prediction. <i>Advances in Atmospheric Sciences</i> , 2001, 18, 197-208.	1.9	6
76	The NVAP global water vapor data set: independent cross-comparison and multiyear variability. <i>Remote Sensing of Environment</i> , 2001, 76, 112-129.	4.6	34
77	Relationship between the Indian monsoon rainfall and the tropospheric temperature over the Eurasian continent. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2001, 127, 909-937.	1.0	93
78	Ocean-atmosphere-land feedbacks in an idealized monsoon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2001, 127, 1869-1891.	1.0	105
79	Monsoon rainfall variations and teleconnections over South and East Asia. <i>International Journal of Climatology</i> , 2001, 21, 603-616.	1.5	195
80	Interdecadal variations of characteristics of monsoon disturbances and their epochal relationships with rainfall and other tropical features. <i>International Journal of Climatology</i> , 2001, 21, 759-771.	1.5	43
81	ENSO variability, teleconnections and climate change. <i>International Journal of Climatology</i> , 2001, 21, 1845-1862.	1.5	407
82	Current approaches to seasonal to interannual climate predictions. <i>International Journal of Climatology</i> , 2001, 21, 1111-1152.	1.5	530
83	Correlations Among Charcoal Records of Fires from the Past 16,000 Years in Indonesia, Papua New Guinea, and Central and South America. <i>Quaternary Research</i> , 2001, 55, 97-104.	1.0	111
84	Spatial and Temporal Variation of Summer Precipitation over the Eastern Tibetan Plateau and the North Atlantic Oscillation. <i>Journal of Climate</i> , 2001, 14, 2896-2909.	1.2	189
85	Interannual Variability of the Asian Summer Monsoon: Contrasts between the Indian and the Western North Pacific's "East Asian Monsoons". <i>Journal of Climate</i> , 2001, 14, 4073-4090.	1.2	887
86	The Indian Ocean Experiment: Widespread Air Pollution from South and Southeast Asia. <i>Science</i> , 2001, 291, 1031-1036.	6.0	687
87	ENSO and cholera: A nonstationary link related to climate change?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12901-12906.	3.3	237
88	On the evolution of the oxygen minimum zone in the Arabian Sea during Holocene time and its relation to the South Asian monsoon. <i>Geological Society Special Publication</i> , 2002, 195, 433-443.	0.8	1
89	Indian monsoon variability in the Himalaya since AD 1800. <i>Annals of Glaciology</i> , 2002, 35, 437-442.	2.8	8
90	Variations of the East Asian Jet Stream and Asian's "Pacific's" American Winter Climate Anomalies. <i>Journal of Climate</i> , 2002, 15, 306-325.	1.2	469
91	Intraseasonal Variability Associated with Wet Monsoons in Southeast Arizona. <i>Journal of Climate</i> , 2002, 15, 2477-2490.	1.2	96
92	The monsoon as a self-regulating coupled ocean's atmosphere system. <i>International Geophysics</i> , 2002, , 198-219.	0.6	27

#	ARTICLE	IF	CITATIONS
93	Indian Monsoon GCM Sensitivity Experiments Testing Tropospheric Biennial Oscillation Transition Conditions. <i>Journal of Climate</i> , 2002, 15, 923-944.	1.2	76
94	The JASMINE Pilot Study. <i>Bulletin of the American Meteorological Society</i> , 2002, 83, 1603-1630.	1.7	162
95	Challenges and Opportunities Provided by Seasonal Climate Forecasts: A Literature Review. <i>Journal of Agricultural & Applied Economics</i> , 2002, 34, 603-632.	0.8	25
96	The Tropospheric Biennial Oscillation and Asian–Australian Monsoon Rainfall. <i>Journal of Climate</i> , 2002, 15, 722-744.	1.2	177
97	Monsoon Breaks and Subseasonal Sea Surface Temperature Variability in the Bay of Bengal*. <i>Journal of Climate</i> , 2002, 15, 1485-1493.	1.2	208
98	The Boreal Summer Intraseasonal Oscillation: Relationship between Northward and Eastward Movement of Convection. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 1593-1606.	0.6	352
99	A Contrast of the East Asian Summer Monsoon–ENSO Relationship between 1962–77 and 1978–93*. <i>Journal of Climate</i> , 2002, 15, 3266-3279.	1.2	320
100	A Simple Model Study of ENSO Suppression by External Periodic Forcing*. <i>Journal of Climate</i> , 2002, 15, 1088-1098.	1.2	72
101	Onset of the Summer Monsoon over the Indochina Peninsula: Climatology and Interannual Variations*. <i>Journal of Climate</i> , 2002, 15, 3206-3221.	1.2	151
102	Relative Importance of the Annual Cycles of Sea Surface Temperature and Solar Irradiance for Tropical Circulation and Precipitation: A Climate Model Simulation Study. <i>Earth Interactions</i> , 2002, 6, 1-32.	0.7	26
103	Near-surface variations and surface fluxes over the northern Bay of Bengal during the 1999 Indian summer monsoon. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 6-1-ACL 6-19.	3.3	27
104	A mechanism of the onset of the Australian summer monsoon. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 5-1.	3.3	42
105	A 780-year annually resolved record of Indian Ocean monsoon precipitation from a speleothem from south Oman. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 9-1.	3.3	173
106	Interannual variability of the Indian winter monsoon circulation and consequences for pollution levels. <i>Journal of Geophysical Research</i> , 2002, 107, ACH 2-1.	3.3	17
107	El Niño's tropical climate and teleconnections as a blueprint for pre-Ice Age climates. <i>Paleoceanography</i> , 2002, 17, 11-1-11-11.	3.0	133
108	Relationship between the planetary-scale circulation over East Asia and the intensity of the South Asian Summer Monsoon. <i>Geophysical Research Letters</i> , 2002, 29, 13-1-13-4.	1.5	6
109	Recent lengthening of the south Asian summer monsoon season. <i>Geophysical Research Letters</i> , 2002, 29, 96-1-96-4.	1.5	11
110	Spring Warming of the Eastern Arabian Sea and Bay of Bengal from Buoy Data. <i>Geophysical Research Letters</i> , 2002, 29, 24-1-24-4.	1.5	54

#	ARTICLE	IF	CITATIONS
111	On the relationship between Dasuopu Snow Accumulation and the Asian Summer Monsoon. <i>Geophysical Research Letters</i> , 2002, 29, 75-1-75-4.	1.5	6
112	Burial of redox-sensitive metals and organic matter in the equatorial Indian Ocean linked to precession. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 849-865.	1.6	46
113	Sensitivity of East Asian monsoon climate to the uplift of the Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 183, 223-245.	1.0	294
114	South Asian monsoon climate change and radiocarbon in the Arabian Sea during early and middle Holocene. <i>Paleoceanography</i> , 2002, 17, 15-1-15-12.	3.0	108
115	Precipitation anomalies in the tropical Indian Ocean and their relation to the initiation of El Niño. <i>Geophysical Research Letters</i> , 2002, 29, 83-1-83-4.	1.5	14
116	Teleconnection of OLR and SST anomalies over Atlantic Ocean with Indian summer monsoon. <i>Geophysical Research Letters</i> , 2002, 29, 125-1-125-4.	1.5	39
117	A unified monsoon index. <i>Geophysical Research Letters</i> , 2002, 29, 115-1-115-4.	1.5	415
118	Long-term trends in geomagnetic and climatic variability. <i>Physics and Chemistry of the Earth</i> , 2002, 27, 427-431.	1.2	9
119	Surface layer temperature inversion in the Bay of Bengal. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002, 49, 1801-1818.	0.6	96
120	The heat transport of the Indonesian Throughflow and implications for the Indian Ocean heat budget. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1391-1410.	0.6	104
121	Heat transports in the Indian Ocean estimated from TOPEX/POSEIDON altimetry and model simulations. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1459-1480.	0.6	8
122	Interannual variability of the sea-surface temperature in the Indian Ocean in response to the air-sea turbulent heat exchange. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1527-1548.	0.6	9
123	Geomagnetic forcing and climatic variations in Europe, North America and in the Pacific Ocean. <i>Quaternary International</i> , 2002, 91, 5-15.	0.7	7
124	FLUID DYNAMICS OF EL NIÑO VARIABILITY. <i>Annual Review of Fluid Mechanics</i> , 2002, 34, 531-558.	10.8	38
125	Processes for the Northeastward Advance of the Summer Monsoon over the Western North Pacific. <i>Journal of the Meteorological Society of Japan</i> , 2002, 80, 67-83.	0.7	68
126	Spatial and Seasonal Variation of Rain Profiles over Asia Observed by Spaceborne Precipitation Radar. <i>Journal of Climate</i> , 2002, 15, 3443-3458.	1.2	42
127	Linear Prediction of Indian Monsoon Rainfall*. <i>Journal of Climate</i> , 2002, 15, 3645-3658.	1.2	74
128	Hydrological Signatures Relating the Asian Summer Monsoon and ENSO. <i>Journal of Climate</i> , 2002, 15, 3082-3095.	1.2	64

#	ARTICLE	IF	CITATIONS
129	Interannual variability of lower-tropospheric moisture transport during the Australian monsoon. <i>International Journal of Climatology</i> , 2002, 22, 509-532.	1.5	48
130	Influence of Eurasian spring snow cover on Asian summer rainfall. <i>International Journal of Climatology</i> , 2002, 22, 1075-1089.	1.5	121
131	The instability of the East Asian summer monsoon—ENSO relations. <i>Advances in Atmospheric Sciences</i> , 2002, 19, 1-11.	1.9	191
132	Mechanism of thermal features over the Indo-China peninsula and possible effects on the onset of the South China sea monsoon. <i>Advances in Atmospheric Sciences</i> , 2002, 19, 885-900.	1.9	34
133	Simulation of the east asian summer monsoon using a variable resolution atmospheric GCM. <i>Climate Dynamics</i> , 2002, 19, 167-180.	1.7	153
134	Intercomparison of the climatological variations of Asian summer monsoon precipitation simulated by 10 GCMs. <i>Climate Dynamics</i> , 2002, 19, 383-395.	1.7	375
135	Erosional response of South China to arc rifting and monsoonal strengthening; a record from the South China Sea. <i>Marine Geology</i> , 2002, 184, 207-226.	0.9	184
136	The stratigraphic evolution of the Indus Fan and the history of sedimentation in the Arabian Sea. <i>Marine Geophysical Researches</i> , 2002, 23, 223-245.	0.5	79
137	Climate change at the 4.2 ka BP termination of the Indus valley civilization and Holocene south Asian monsoon variability. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	546
138	Indian Monsoon Variability in a Global Warming Scenario. <i>Natural Hazards</i> , 2003, 29, 189-206.	1.6	186
139	Variability of the Indian Ocean: Relation to monsoon and ENSO. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2003, 129, 1623-1646.	1.0	142
140	On the impacts of the Indian summer monsoon on ENSO in a coupled GCM. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2003, 129, 3439-3468.	1.0	55
141	Dynamic predictability of intraseasonal variability associated with the Asian summer monsoon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2003, 129, 2897-2925.	1.0	100
142	On breaks of the Indian monsoon. <i>Journal of Earth System Science</i> , 2003, 112, 529-558.	0.6	138
143	2002: The extra-strong warm winter event in North Asia and its accompanying anomalous atmospheric circulation. <i>Science Bulletin</i> , 2003, 48, 1031-1033.	1.7	19
144	A new monsoon index and the geographical distribution of the global monsoons. <i>Advances in Atmospheric Sciences</i> , 2003, 20, 299-302.	1.9	237
145	Reproducibility and predictability of the Asian summer monsoon in the ECHAM4-GCM. <i>Climate Dynamics</i> , 2003, 20, 365-379.	1.7	42
146	The interannual variability in the tropical Indian Ocean as simulated by a CGCM. <i>Climate Dynamics</i> , 2003, 20, 567-582.	1.7	109

#	ARTICLE	IF	CITATIONS
147	Land?sea heating contrast in an idealized Asian summer monsoon. <i>Climate Dynamics</i> , 2003, 21, 11-25.	1.7	72
148	Global SST influence on twentieth century NAO variability. <i>Climate Dynamics</i> , 2003, 21, 63-75.	1.7	36
149	Pacific decadal oscillation and variability of the Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 2003, 21, 233-242.	1.7	230
150	AGCM simulations of intraseasonal variability associated with the Asian summer monsoon. <i>Climate Dynamics</i> , 2003, 21, 423-446.	1.7	209
151	Sea surface temperature associations with the late Indian summer monsoon. <i>Climate Dynamics</i> , 2003, 21, 593-618.	1.7	103
152	Impact of El Ni?o-southern oscillation on Indian foodgrain production. <i>International Journal of Climatology</i> , 2003, 23, 187-206.	1.5	116
153	Precipitation trends in Sri Lanka since the 1870s and relationships to El Ni?o-southern oscillation. <i>International Journal of Climatology</i> , 2003, 23, 1235-1252.	1.5	61
155	Contrasting the Indian and East Asian monsoons: implications on geologic timescales. <i>Marine Geology</i> , 2003, 201, 5-21.	0.9	240
156	Late Quaternary Milankovitch-scale climatic change and variability and its impact on monsoonal Australasia. <i>Marine Geology</i> , 2003, 201, 81-95.	0.9	107
157	Monsoon? tropical ocean interaction in a network of coral records spanning the 20th century. <i>Marine Geology</i> , 2003, 201, 207-222.	0.9	115
158	Causes and consequences of long-term climatic variability on the Australian continent. <i>Freshwater Biology</i> , 2003, 48, 1274-1283.	1.2	101
159	The Indian Monsoon and its Relation to Global Climate Variability. , 2003, , 186-236.		61
160	THE INDIAN MONSOON AND ITS VARIABILITY. <i>Annual Review of Earth and Planetary Sciences</i> , 2003, 31, 429-467.	4.6	848
161	East Asian monsoon forcing of suborbital variability in the Sulu Sea during Marine Isotope Stage 3: Link to Northern Hemisphere climate. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, 1-13.	1.0	61
162	Clustering of synoptic activity by Indian summer monsoon intraseasonal oscillations. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	234
163	The unusual summer of 1994 in East Asia: IOD teleconnections. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	275
164	A note on the deficiency of NCEP/NCAR reanalysis surface winds over the equatorial Indian Ocean. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	52
165	Numerical simulation of seasonal and interannual Indian Ocean upper layer circulation using Miami Isopycnic Coordinate Ocean Model. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	7

#	ARTICLE	IF	CITATIONS
166	Global ocean response to orbital forcing in the Holocene. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.	3.0	90
167	Intraseasonal monsoon jets in the equatorial Indian Ocean. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	40
168	Insolation forcing of the Australian monsoon as controls of Pleistocene mega-lake events. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	23
169	Connections between the summer east African and Indian rainfall regimes. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	70
170	A synthesis of abrupt changes in the Asian summer monsoon since the last deglaciation. <i>Holocene</i> , 2003, 13, 465-476.	0.9	353
171	Precipitation variability in central Himalayas and its relation to Northern Hemisphere temperature. <i>Science Bulletin</i> , 2003, 48, 1480.	1.7	4
172	Sedimentary phosphorus record from the Oman margin: New evidence of high productivity during glacial periods. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.	3.0	26
173	Reconstruction of Upper Siwalik palaeoecology and palaeoclimatology using microfossil palaeocommunities. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 197, 133-150.	1.0	41
174	Indian Ocean Climate and an Absolute Chronology over Dansgaard/Oeschger Events 9 to 13. <i>Science</i> , 2003, 301, 1365-1367.	6.0	272
175	The status of the Indo-Pacific Warm Pool and adjacent land at the Last Glacial Maximum. <i>Global and Planetary Change</i> , 2003, 35, 25-35.	1.6	98
176	Temperature and salinity variability in the exit passages of the Indonesian Throughflow. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2183-2204.	0.6	59
177	Coupled dynamics over the Indian Ocean: spring initiation of the Zonal Mode. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2305-2330.	0.6	262
178	Coupled Climate Simulation of the Evolution of Global Monsoons in the Holocene*. <i>Journal of Climate</i> , 2003, 16, 2472-2490.	1.2	179
179	Toward a Combined Seasonal Weather and Crop Productivity Forecasting System: Determination of the Working Spatial Scale. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 175-192.	1.7	100
180	The Asian Monsoon, the Tropospheric Biennial Oscillation, and the Indian Ocean Zonal Mode in the NCAR CSM*. <i>Journal of Climate</i> , 2003, 16, 1617-1642.	1.2	121
181	Coupled Ocean-Atmosphere Dynamical Processes in the Tropical Indian and Pacific Oceans and the TBO. <i>Journal of Climate</i> , 2003, 16, 2138-2158.	1.2	123
182	A Theory for the Indian Ocean Dipole-Zonal Mode*. <i>Journals of the Atmospheric Sciences</i> , 2003, 60, 2119-2135.	0.6	338
183	Ocean Roles in the TBO Transitions of the Indian-Australian Monsoon System. <i>Journal of Climate</i> , 2003, 16, 3072-3080.	1.2	43

#	ARTICLE	IF	CITATIONS
184	A Hydrological Definition of Indian Monsoon Onset and Withdrawal. <i>Journal of Climate</i> , 2003, 16, 3200-3211.	1.2	286
185	The emergence of an agricultural landscape in the highlands of New Guinea. <i>Archaeology in Oceania</i> , 2003, 38, 149-158.	0.3	30
186	Predictability Experiments for the Asian Summer Monsoon: Impact of SST Anomalies on Interannual and Intraseasonal Variability. <i>Journal of Climate</i> , 2003, 16, 4001-4021.	1.2	23
187	Mechanisms Limiting the Northward Extent of the Northern Summer Monsoons over North America, Asia, and Africa*. <i>Journal of Climate</i> , 2003, 16, 406-425.	1.2	105
188	Indian Ocean Intraseasonal Variability in an Ocean General Circulation Model. <i>Journal of Climate</i> , 2003, 16, 21-39.	1.2	85
189	Atmosphere-Warm Ocean Interaction and Its Impacts on Asian-Australian Monsoon Variation*. <i>Journal of Climate</i> , 2003, 16, 1195-1211.	1.2	624
190	Seasonal Variations of Tropospheric Wind over Indonesia: Comparison between Collected Operational Rawinsonde Data and NCEP Reanalysis for 1992-99. <i>Journal of the Meteorological Society of Japan</i> , 2003, 81, 829-850.	0.7	22
191	A Moist Linear Baroclinic Model: Coupled Dynamical-Convective Response to El Niño. <i>Journal of Climate</i> , 2003, 16, 1121-1139.	1.2	111
192	The Role of ENSO in the South Asian Monsoon and Pre-Monsoon Signals Over the Tibetan Plateau. <i>Journal of the Meteorological Society of Japan</i> , 2003, 81, 1015-1039.	0.7	35
193	MONSOON Dynamical Theory. , 2003, , 1370-1386.		44
194	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
195	Relationship between the Onset of the South China Sea Summer Monsoon and the Structure of the Asian Subtropical Anticyclone. <i>Journal of the Meteorological Society of Japan</i> , 2004, 82, 845-859.	0.7	57
196	A Stratified Diagnosis of the Indian Monsoon-Eurasian Snow Cover Relationship. <i>Journal of Climate</i> , 2004, 17, 1110-1122.	1.2	123
197	Individual and Combined Influences of ENSO and the Indian Ocean Dipole on the Indian Summer Monsoon. <i>Journal of Climate</i> , 2004, 17, 3141-3155.	1.2	510
198	The Elementary Hadley Circulation. <i>Advances in Global Change Research</i> , 2004, , 9-60.	1.6	56
199	Variability of the Intertropical Convergence Zone recorded in coral isotopic records from the central Indian Ocean (Chagos Archipelago). <i>Quaternary Research</i> , 2004, 61, 245-255.	1.0	37
200	Factors contributing to the onset of the Australian summer monsoon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2004, 130, 739-758.	1.0	102
201	On the withdrawal of the Indian summer monsoon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2004, 130, 989-1008.	1.0	40

#	ARTICLE	IF	CITATIONS
202	Zonal propagation of kinetic energy and convection in the South China Sea and Indian monsoon regions in boreal summer. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 1076-1084.	0.9	5
203	SST versus Climate Change Signals in West African Rainfall: 20th-Century Variations and Future Projections. <i>Climatic Change</i> , 2004, 65, 179-208.	1.7	73
204	The influence of Asian summer monsoon variability on the water balance of a Tibetan lake. <i>Journal of Paleolimnology</i> , 2004, 32, 273-286.	0.8	62
205	Global monsoons in the mid-Holocene and oceanic feedback. <i>Climate Dynamics</i> , 2004, 22, 157-182.	1.7	203
206	Outgoing long-wave radiation over the Tropical Pacific and Atlantic Ocean and Indian summer monsoon rainfall. <i>Theoretical and Applied Climatology</i> , 2004, 77, 185-193.	1.3	3
207	Recent advances in studies of the interaction between the East Asian winter and summer monsoons and ENSO cycle. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 407-424.	1.9	173
208	Differences in rainfall variability in the South and Southeast Asian summer monsoons. <i>International Journal of Climatology</i> , 2004, 24, 1091-1107.	1.5	31
209	Climate impacts on Indian agriculture. <i>International Journal of Climatology</i> , 2004, 24, 1375-1393.	1.5	309
210	Characteristics, evolution and mechanisms of the summer monsoon onset over Southeast Asia. <i>International Journal of Climatology</i> , 2004, 24, 1461-1482.	1.5	96
211	Trend and variability of China precipitation in spring and summer: linkage to sea-surface temperatures. <i>International Journal of Climatology</i> , 2004, 24, 1625-1644.	1.5	256
212	Upper tropospheric drying and the "transition to break" in the Indian summer monsoon during 1999. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	12
213	Role of land surface processes in monsoon development: East Asia and West Africa. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	145
214	Modeling the tropical climate and the impact of the western Pacific sea surface temperature at the Last Glacial Maximum. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	11
215	Stable isotope evidence for moisture sources in the asian summer monsoon under present and past climate regimes. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	136
216	Low-frequency of southern Asian monsoon variability using a 295-year record from the Dasuopu ice core in the central Himalayas. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	59
217	Summer temperature and summer monsoon history on the Tibetan plateau during the last 400 years recorded by tree rings. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	197
218	Impact of monsoon circulations on the upper troposphere and lower stratosphere. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	183
219	Cenozoic deformation and the history of sea-land interactions in Asia. <i>Geophysical Monograph Series</i> , 2004, , 1-22.	0.1	46

#	ARTICLE	IF	CITATIONS
220	Marine sedimentary evidence for monsoon strengthening, Tibetan uplift and drainage evolution in East Asia. <i>Geophysical Monograph Series</i> , 2004, , 255-282.	0.1	39
221	Neogene history of the Indonesian Throughflow. <i>Geophysical Monograph Series</i> , 2004, , 299-320.	0.1	90
222	Mapping vulnerability to multiple stressors: climate change and globalization in India. <i>Global Environmental Change</i> , 2004, 14, 303-313.	3.6	910
223	Variability and extremes of daily rainfall during the Indian summer monsoon in the period 1901â€“1989. <i>Global and Planetary Change</i> , 2004, 44, 83-105.	1.6	40
224	Investigation of different coastal processes in Indonesian waters using SeaWiFS data. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004, 51, 85-97.	0.6	69
225	Palaeoclimatic interpretation of high-resolution oxygen isotope profiles derived from annually laminated speleothems from Southern Oman. <i>Quaternary Science Reviews</i> , 2004, 23, 935-945.	1.4	240
226	The hippo's tale: how the anatomy and physiology of Late Neogene Hexaprotodon shed light on Late Neogene environmental change. <i>Quaternary International</i> , 2004, 117, 119-123.	0.7	28
227	History of vegetation and habitat change in the Austral-Asian region. <i>Quaternary International</i> , 2004, 118-119, 103-126.	0.7	180
228	Spatial and temporal variability in the stable isotope systematics of modern precipitation in China: implications for paleoclimate reconstructions. <i>Earth and Planetary Science Letters</i> , 2004, 220, 365-377.	1.8	260
229	Design Requirements for an Argo Float Array in the Indian Ocean Inferred from Observing System Simulation Experiments. <i>Journal of Atmospheric and Oceanic Technology</i> , 2004, 21, 1598-1620.	0.5	28
230	An Evaluation of the Apparent Interdecadal Shift in the Tropical Divergent Circulation in the NCEPâ€“NCAR Reanalysis. <i>Journal of Climate</i> , 2004, 17, 349-361.	1.2	69
231	Globally Unified Monsoon Onset and Retreat Indexes. <i>Journal of Climate</i> , 2004, 17, 2241-2248.	1.2	97
232	The Boreal-Summer Intraseasonal Oscillations Simulated in a Hybrid Coupled Atmosphereâ€“Ocean Model*. <i>Monthly Weather Review</i> , 2004, 132, 2628-2649.	0.5	95
233	Contrasting Characteristics between the Northward and Eastward Propagation of the Intraseasonal Oscillation during the Boreal Summer. <i>Journal of Climate</i> , 2004, 17, 727-743.	1.2	83
234	Instability of the East Asian Summer Monsoonâ€“Enso Relationship in a Coupled Global Atmosphereâ€“Ocean GCM. <i>Chinese Journal of Geophysics</i> , 2004, 47, 1098-1103.	0.2	9
235	Ensemble Simulations of Asianâ€“Australian Monsoon Variability by 11 AGCMs*. <i>Journal of Climate</i> , 2004, 17, 803-818.	1.2	287
236	Biennial Characteristics of Indian Monsoon Rainfall. <i>Journal of Climate</i> , 2004, 17, 2972-2982.	1.2	29
237	Upstream Subtropical Signals Preceding the Asian Summer Monsoon Circulation. <i>Journal of Climate</i> , 2004, 17, 4213-4229.	1.2	114

#	ARTICLE	IF	CITATIONS
238	Tropical Warm Pool Surface Heat Budgets and Temperature: Contrasts between 1997/98 El Niño and 1998/99 La Niña. <i>Journal of Climate</i> , 2004, 17, 1845-1858.	1.2	12
239	Symmetry and Asymmetry of the Asian and Australian Summer Monsoons. <i>Journal of Climate</i> , 2004, 17, 2413-2426.	1.2	59
240	Spreading of the Indonesian Throughflow in the Indian Ocean*. <i>Journal of Physical Oceanography</i> , 2004, 34, 772-792.	0.7	100
241	Intraseasonal Variability of the Low-Level Jet Stream of the Asian Summer Monsoon. <i>Journal of Climate</i> , 2004, 17, 1449-1458.	1.2	244
242	Climate Prediction for Brazil's Nordeste: Performance of Empirical and Numerical Modeling Methods. <i>Journal of Climate</i> , 2004, 17, 2667-2672.	1.2	42
243	Influence of the Upper-Tropospheric Wind Shear upon Cloud Radiative Forcing in the Asian Monsoon Region. <i>Journal of Climate</i> , 2004, 17, 2725-2735.	1.2	56
244	Ocean Mixed Layer Temperature Variations Induced by Intraseasonal Convective Perturbations over the Indian Ocean. <i>Journals of the Atmospheric Sciences</i> , 2004, 61, 1004-1023.	0.6	86
245	Regional Heat Sources and the Active and Break Phases of Boreal Summer Intraseasonal (30-50 Day) Variability*. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 2726-2748.	0.6	173
246	Importance of the Salinity Barrier Layer for the Buildup of El Niño. <i>Journal of Climate</i> , 2005, 18, 104-118.	1.2	110
247	Internal Variability of Indian Ocean SST. <i>Journal of Climate</i> , 2005, 18, 3726-3738.	1.2	50
248	Annual Cycle of Southeast Asia's Maritime Continent Rainfall and the Asymmetric Monsoon Transition. <i>Journal of Climate</i> , 2005, 18, 287-301.	1.2	347
250	The Indian summer monsoon rainfall: interplay of coupled dynamics, radiation and cloud microphysics. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 2181-2188.	1.9	48
251	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
252	A Wintertime Arctic Oscillation Signature on Early-Season Indian Ocean Monsoon Intensity. <i>Journal of Climate</i> , 2005, 18, 2247-2269.	1.2	16
253	Atmospheric Hydrology of the Anomalous 2002 Indian Summer Monsoon. <i>Monthly Weather Review</i> , 2005, 133, 2996-3014.	0.5	15
254	25 Years Inter-Research 1979-2004. <i>Climate Research</i> , 2005, 28, 95-107.	0.4	133
255	Some Characteristics of Model-Predicted Precipitation during the Summer Monsoon over India. <i>Journal of Applied Meteorology and Climatology</i> , 2005, 44, 324-339.	1.7	16
256	Seasonal Variability in Clouds and Radiation at the Manus ARM Site. <i>Journal of Climate</i> , 2005, 18, 2417-2428.	1.2	18

#	ARTICLE	IF	CITATIONS
257	Interannual and Interdecadal Variability of Thailand Summer Monsoon Season. <i>Journal of Climate</i> , 2005, 18, 1697-1708.	1.2	117
258	Australian-Indonesian monsoon. , 2005, , 125-173.		94
259	Response of the Asian summer monsoon to changes in El Niño properties. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2005, 131, 805-831.	1.0	68
260	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
261	Seasonal forecasting of Thailand summer monsoon rainfall. <i>International Journal of Climatology</i> , 2005, 25, 649-664.	1.5	103
262	Radiative Feedbacks and Monsoon Circulations: A View from Simplified Models. <i>Pure and Applied Geophysics</i> , 2005, 162, 1543-1555.	0.8	1
263	Dynamics of the Indian monsoon and ENSO relationships in the SINTEX global coupled model. <i>Climate Dynamics</i> , 2005, 24, 145-168.	1.7	15
264	Role of the southern Indian Ocean in the transitions of the monsoon-ENSO system during recent decades. <i>Climate Dynamics</i> , 2005, 24, 169-195.	1.7	53
265	Links between rainfall variability on intraseasonal and interannual scales over western Tanzania and regional circulation and SST patterns. <i>Meteorology and Atmospheric Physics</i> , 2005, 89, 215-234.	0.9	24
266	Pollen records and time scale for the RM core of the Zoige Basin, northeastern Qinghai-Tibetan Plateau. <i>Science Bulletin</i> , 2005, 50, 553-562.	1.7	7
267	Numerical simulation of the impact of vegetation index on the interannual variation of summer precipitation in the Yellow River Basin. <i>Advances in Atmospheric Sciences</i> , 2005, 22, 865-876.	1.9	9
268	South Asian high and Asian-Pacific-American climate teleconnection. <i>Advances in Atmospheric Sciences</i> , 2005, 22, 915-923.	1.9	83
269	Impacts of Present and Future Climate Variability and Change on Agriculture and Forestry in the Arid and Semi-Arid Tropics. <i>Climatic Change</i> , 2005, 70, 31-72.	1.7	240
270	South Asian monsoon. , 2005, , 19-61.		228
271	Reinitiation of the Boreal Summer Intraseasonal Oscillation in the Tropical Indian Ocean*. <i>Journal of Climate</i> , 2005, 18, 3777-3795.	1.2	100
272	Amplitude and timing of sea-surface temperature change in the northern South China Sea: Dynamic link to the East Asian monsoon. <i>Geology</i> , 2005, 33, 785.	2.0	137
273	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
274	Warming of the Eurasian Landmass Is Making the Arabian Sea More Productive. <i>Science</i> , 2005, 308, 545-547.	6.0	212

#	ARTICLE	IF	CITATIONS
275	Stable isotope paleoaltimetry: A critical review. <i>Numerische Mathematik</i> , 2005, 305, 1033-1074.	0.7	129
276	Abnormal monsoon years and their control on erosion and sediment flux in the high, arid northwest Himalaya. <i>Earth and Planetary Science Letters</i> , 2005, 231, 131-146.	1.8	219
277	Inverse phase oscillations between the East Asian and Indian Ocean summer monsoons during the last 12000 years and paleo-El Niño. <i>Earth and Planetary Science Letters</i> , 2005, 231, 337-346.	1.8	258
278	Seasonal and interannual variability of the Mid-Holocene East Asian monsoon in coral $\delta^{18}O$ records from the South China Sea. <i>Earth and Planetary Science Letters</i> , 2005, 237, 69-84.	1.8	91
279	Evolution and variability of the Asian monsoon system: state of the art and outstanding issues. <i>Quaternary Science Reviews</i> , 2005, 24, 595-629.	1.4	468
280	Antecedents and self-induction of active-break south Asian monsoon unraveled by satellites. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	58
281	Regulation of Tibetan Plateau heating on variation of Indian summer monsoon in the last two millennia. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	27
282	Nonstationary ENSO-precipitation teleconnection over the equatorial Indian Ocean documented in a coral from the Chagos Archipelago. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	23
283	Himalayan rainfall and vorticity generation within the Indian summer monsoon. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	5
284	Advancing dynamical prediction of Indian monsoon rainfall. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	176
285	Time-height evolution of intraseasonal oscillations in the tropical lower atmosphere: Multilevel wind observations using UHF radar. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	5
286	Spatial and diurnal variation of precipitation systems over Asia observed by the TRMM Precipitation Radar. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	128
287	Fundamental challenge in simulation and prediction of summer monsoon rainfall. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	566
288	Is the Indian summer monsoon stable against global change?. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	88
289	ENSO control on the south Asian monsoon through the length of the rainy season. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	224
290	Epochs of phase coherence between El Niño/Southern Oscillation and Indian monsoon. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	88
291	Dynamical mechanisms for African monsoon changes during the mid-Holocene. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	33
292	Stable isotopes in precipitation in the Asian monsoon region. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	221

#	ARTICLE	IF	CITATIONS
293	Dynamics of "internal" interannual variability of the Indian summer monsoon in a GCM. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	113
294	Atmospheric brown clouds: Impacts on South Asian climate and hydrological cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5326-5333.	3.3	1,234
295	Intraseasonal variations of the Yangtze rainfall and its related atmospheric circulation features during the 1991 summer. <i>Climate Dynamics</i> , 2006, 27, 815-830.	1.7	94
296	Is there a persistent control of monsoon winds by precipitation during the late Holocene?. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	16
297	Variation of Zr/Rb ratios in the Chinese loess deposits during the past 1.8 Myr and its implication for the change of East Asian monsoon intensity. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	9
298	Occurrence of droughts and floods during the normal summer monsoons in the mid- and lower reaches of the Yangtze River. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	62
299	SST forcing of decadal Indian Monsoon rainfall variability. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	73
300	The sedimentary and tectonic evolution of the Yinggehai-Song Hong basin and the southern Hainan margin, South China Sea: Implications for Tibetan uplift and monsoon intensification. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	208
301	East Asian monsoon variability over the last seven glacial cycles recorded by a loess sequence from the northwestern Chinese Loess Plateau. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	119
302	Cloud types associated with the Asian summer monsoons as determined from MODIS/TERRA measurements and a comparison with surface observations. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	19
303	An empirical rule for extended range prediction of duration of Indian summer monsoon breaks. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	22
304	Response of monsoon precipitation in the Himalayas to global warming. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	78
305	The Asian monsoon: Interdecadal variability. , 2006, , 295-327.		27
306	A Simulated Climatology of Asian Dust Aerosol and Its Trans-Pacific Transport. Part II: Interannual Variability and Climate Connections. <i>Journal of Climate</i> , 2006, 19, 104-122.	1.2	122
307	Pattern characteristics of Indian monsoon rainfall using principal component analysis (PCA). <i>Atmospheric Research</i> , 2006, 79, 317-326.	1.8	35
308	Demand management of groundwater with monsoon forecasting. <i>Agricultural Systems</i> , 2006, 90, 293-311.	3.2	15
309	Climate impacts of anthropogenic land use changes on the Tibetan Plateau. <i>Global and Planetary Change</i> , 2006, 54, 33-56.	1.6	94
310	Monsoon-induced cooling of the western equatorial Indian Ocean as recorded in coral oxygen isotope records from the Seychelles covering the period of 1840"1994AD. <i>Quaternary Science Reviews</i> , 2006, 25, 993-1009.	1.4	40

#	ARTICLE	IF	CITATIONS
311	East Asian summer monsoon variability during Marine Isotope Stage 5 based on speleothem $\delta^{18}O$ records from Wanxiang Cave, central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 236, 5-19.	1.0	70
312	Development of the East Asian summer monsoon: Evidence from the sediment record in the South China Sea since 8.5Ma. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 241, 139-159.	1.0	125
314	Development of a data mining application for huge scale earth environmental data archives. <i>International Journal of Computational Science and Engineering</i> , 2006, 2, 262.	0.4	3
315	Role of Narrow Mountains in Large-Scale Organization of Asian Monsoon Convection*. <i>Journal of Climate</i> , 2006, 19, 3420-3429.	1.2	282
316	Effect of heavy snowfall on ground temperature, northern Tibetan Plateau. <i>Annals of Glaciology</i> , 2006, 43, 317-322.	2.8	6
317	Environmental change and the arrival of people in the Australian region. <i>Before Farming</i> , 2006, 2006, 1-24.	0.2	28
318	A three-tier overlapping prediction scheme: tools for strategic and tactical decisions in the developing world. , 2006, , 645-673.		6
319	The Annual Cycle, Intraseasonal Oscillations, and Roadblock to Seasonal Predictability of the Asian Summer Monsoon. <i>Journal of Climate</i> , 2006, 19, 5078-5099.	1.2	154
320	A New Perspective on the Climate Prediction of Asian Summer Monsoon Precipitation. <i>Journal of Climate</i> , 2006, 19, 4840-4853.	1.2	11
321	Improving Seasonal Forecasting in the Low Latitudes. <i>Monthly Weather Review</i> , 2006, 134, 1859-1879.	0.5	20
322	Impacts of Anomalies of Thermal State over the Qinghai-Xizang Plateau and Sea Surface Temperature on Interannual Variability of the Asian Monsoon Seasonal Transition. <i>Chinese Journal of Geophysics</i> , 2006, 49, 1155-1164.	0.2	18
323	Reduction in Himalayan snow accumulation and weakening of the trade winds over the Pacific since the 1840s. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	32
324	Spatiotemporal Structures and Mechanisms of the Tropospheric Biennial Oscillation in the Indo-Pacific Warm Ocean Regions*. <i>Journal of Climate</i> , 2006, 19, 3070-3087.	1.2	75
325	Intraseasonal Forcing of Convection and Lightning Activity in the Southern Amazon as a Function of Cross-Equatorial Flow. <i>Journal of Climate</i> , 2006, 19, 3180-3196.	1.2	28
326	Diagnosis of Tropospheric Moisture over Saudi Arabia and Influences of IOD and ENSO. <i>Monthly Weather Review</i> , 2006, 134, 598-617.	0.5	87
327	Weakening of tropical Pacific atmospheric circulation due to anthropogenic forcing. <i>Nature</i> , 2006, 441, 73-76.	13.7	894
328	The Indian drought of 2002â€”a sub-seasonal phenomenon?. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2006, 132, 2583-2602.	1.0	99
329	The interdecadal variations of the summer monsoon rainfall over South China. <i>Meteorology and Atmospheric Physics</i> , 2006, 93, 165-175.	0.9	77

#	ARTICLE	IF	CITATIONS
330	Tree-ring-based hydrological records for western Himalaya, India, since a.d. 1560. <i>Climate Dynamics</i> , 2006, 26, 295-303.	1.7	80
331	Boreal summer quasi-monthly oscillation in the global tropics. <i>Climate Dynamics</i> , 2006, 27, 661-675.	1.7	109
332	Sensitivity of the Asian summer monsoon to the horizontal resolution: differences between AMIP-type and coupled model experiments. <i>Climate Dynamics</i> , 2006, 28, 273-290.	1.7	29
333	The statistical significance test of regional climate change caused by land use and land cover variation in West China. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 355-364.	1.9	10
334	Characteristics of the onset of the Asian summer monsoon and the importance of Asian-Australian "oeland bridge". <i>Advances in Atmospheric Sciences</i> , 2006, 23, 951-963.	1.9	28
335	Decadal/interdecadal variations of the ocean temperature and its impacts on climate. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 964-981.	1.9	30
336	The onset and advance of the Asian summer monsoon. <i>Science Bulletin</i> , 2006, 51, 80-88.	1.7	19
337	Interconnections between the Asian monsoon, ENSO, and high northern latitude climate during the Holocene. <i>Science Bulletin</i> , 2006, 51, 2169-2177.	1.7	8
338	Effect of landform on seasonal temperature structures across China in the past 52 years. <i>Journal of Mountain Science</i> , 2006, 3, 158-167.	0.8	10
339	Summer monsoon intraseasonal oscillation over eastern Arabian sea "As revealed by TRMM microwave imager products. <i>Journal of Earth System Science</i> , 2006, 115, 575-586.	0.6	5
340	Holocene Climate and Cultural Evolution in Late Prehistoric"Early Historic West Asia. <i>Quaternary Research</i> , 2006, 66, 372-387.	1.0	450
341	Long-term variation of Asian dust and related climate factors. <i>Atmospheric Environment</i> , 2006, 40, 6730-6740.	1.9	75
342	The role of the Madden-Julian Oscillation in the El Niño and Indian drought of 2002. <i>International Journal of Climatology</i> , 2006, 26, 1361-1378.	1.5	36
343	Chapter 3 Relations between variability in the Mediterranean region and mid-latitude variability. <i>Developments in Earth and Environmental Sciences</i> , 2006, , 179-226.	0.1	71
344	Holocene climate variability archived in the Puruogangri ice cap on the central Tibetan Plateau. <i>Annals of Glaciology</i> , 2006, 43, 61-69.	2.8	132
345	Interannual Variability of Indian Ocean Heat Transport. <i>Journal of Climate</i> , 2006, 19, 1013-1031.	1.2	29
346	Monsoon Regimes in the CCSM3. <i>Journal of Climate</i> , 2006, 19, 2482-2495.	1.2	79
347	Snow Cover Distribution, Variability, and Response to Climate Change in Western China. <i>Journal of Climate</i> , 2006, 19, 1820-1833.	1.2	298

#	ARTICLE	IF	CITATIONS
348	Role of Land Surface Processes in South American Monsoon Development. <i>Journal of Climate</i> , 2006, 19, 741-762.	1.2	55
349	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
350	Integrated model shows that atmospheric brown clouds and greenhouse gases have reduced rice harvests in India. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19668-19672.	3.3	200
351	High-resolution absolute-dated Indian Monsoon record between 53 and 36 ka from Xiaobailong Cave, southwestern China. <i>Geology</i> , 2006, 34, 621.	2.0	125
352	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
353	The Influence of Mechanical and Thermal Forcing by the Tibetan Plateau on Asian Climate. <i>Journal of Hydrometeorology</i> , 2007, 8, 770-789.	0.7	611
354	Spatial Coherence of Tropical Rainfall at the Regional Scale. <i>Journal of Climate</i> , 2007, 20, 5244-5263.	1.2	95
355	The Influence of Tropical Indian Ocean SST on the Indian Summer Monsoon. <i>Journal of Climate</i> , 2007, 20, 3083-3105.	1.2	65
356	Variability of Tropical Diurnal Sea Surface Temperature*. <i>Journal of Climate</i> , 2007, 20, 334-352.	1.2	64
357	Seasonal-to-Interannual Forecasting of Tropical Indian Ocean Sea Surface Temperature Anomalies: Potential Predictability and Barriers. <i>Journal of Climate</i> , 2007, 20, 3320-3343.	1.2	43
358	Intraseasonal Teleconnection between the Summer Eurasian Wave Train and the Indian Monsoon*. <i>Journal of Climate</i> , 2007, 20, 3751-3767.	1.2	236
359	Intraseasonal Variability of Equatorial Indian Ocean Zonal Currents. <i>Journal of Climate</i> , 2007, 20, 3036-3055.	1.2	76
360	Dynamics of the West African Monsoon Jump. <i>Journal of Climate</i> , 2007, 20, 5264-5284.	1.2	135
361	Mechanisms for the Interannual Variability in the Tropical Indian Ocean. Part I: The Role of Remote Forcing from the Tropical Pacific. <i>Journal of Climate</i> , 2007, 20, 2917-2936.	1.2	50
362	A Model-Based Assessment and Design of a Tropical Indian Ocean Mooring Array. <i>Journal of Climate</i> , 2007, 20, 3269-3283.	1.2	26
363	Impact of Atmosphere-Ocean Coupling on the Predictability of Monsoon Intraseasonal Oscillations*. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 157-174.	0.6	134
364	Dependence of Simulation of Boreal Summer Tropical Intraseasonal Oscillations on the Simulation of Seasonal Mean. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 460-478.	0.6	42
365	An Observing System Simulation Experiment for the Indian Ocean. <i>Journal of Climate</i> , 2007, 20, 3300-3319.	1.2	30

#	ARTICLE	IF	CITATIONS
366	The Role of Intraseasonal Variability in the Nature of Asian Monsoon Precipitation. <i>Journal of Climate</i> , 2007, 20, 4402-4424.	1.2	192
367	Indo-Pacific Sea Surface Temperature Perturbations Associated with Intraseasonal Oscillations of Tropical Convection. <i>Journal of Climate</i> , 2007, 20, 3056-3082.	1.2	104
368	An Observing System Simulation Experiment for an Optimal Moored Instrument Array in the Tropical Indian Ocean. <i>Journal of Climate</i> , 2007, 20, 3284-3299.	1.2	37
369	Hydrological Impacts of Deforestation on the Southeast Tibetan Plateau. <i>Earth Interactions</i> , 2007, 11, 1-18.	0.7	31
370	Monsoon Mysteries. <i>Science</i> , 2007, 318, 204-205.	6.0	27
371	Temperature variations over the past millennium on the Tibetan Plateau revealed by four ice cores. <i>Annals of Glaciology</i> , 2007, 46, 362-366.	2.8	30
372	Prehistoric human impact on rainforest biodiversity in highland New Guinea. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 219-228.	1.8	49
373	Simulated Seasonal and Interannual Variability of the Mixed Layer Heat Budget in the Northern Indian Ocean*. <i>Journal of Climate</i> , 2007, 20, 3249-3268.	1.2	111
374	Roles of the Indian Ocean in the Australian Summer Monsoon-ENSO Relationship. <i>Journal of Climate</i> , 2007, 20, 4768-4788.	1.2	22
375	El Niño-Southern Oscillation Simulation at 6000 Years before Present with the MRI-CGCM2.3: Effect of Flux Adjustment. <i>Journal of Climate</i> , 2007, 20, 2484-2499.	1.2	7
376	Holocene ITCZ and Indian monsoon dynamics recorded in stalagmites from Oman and Yemen (Socotra). <i>Quaternary Science Reviews</i> , 2007, 26, 170-188.	1.4	866
377	Correlation between the oxygen isotope record from Dasuopu ice core and the Asian Southwest Monsoon during the last millennium. <i>Quaternary Science Reviews</i> , 2007, 26, 1810-1817.	1.4	25
378	Sensitivity of the Australian summer monsoon to tilt and precession forcing. <i>Quaternary Science Reviews</i> , 2007, 26, 3043-3057.	1.4	59
379	A $\sim 1/4$ 25ka Indian Ocean monsoon variability record from the Andaman Sea. <i>Quaternary Science Reviews</i> , 2007, 26, 2586-2597.	1.4	176
380	Precipitation at Lake Qinghai, NE Qinghai-Tibet Plateau, and its relation to Asian summer monsoons on decadal/interdecadal scales during the past 500 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 541-549.	1.0	79
381	Development of the East Asian monsoon: Mineralogical and sedimentologic records in the northern South China Sea since 20 Ma. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 254, 561-582.	1.0	366
382	ENSO related decadal scale climate variability from the Indo-Pacific Warm Pool. <i>Earth and Planetary Science Letters</i> , 2007, 253, 67-82.	1.8	40
383	A high-resolution, absolute-dated deglacial speleothem record of Indian Ocean climate from Socotra Island, Yemen. <i>Earth and Planetary Science Letters</i> , 2007, 259, 442-456.	1.8	159

#	ARTICLE	IF	CITATIONS
384	Possible influence of ENSO on annual maximum streamflow of the Yangtze River, China. <i>Journal of Hydrology</i> , 2007, 333, 265-274.	2.3	274
385	Chapter 8 Variability of the Indonesian Throughflow: A Review and Model-to-Data Comparison. <i>Elsevier Oceanography Series</i> , 2007, , 175-494.	0.1	3
386	Variability of Tibetan Spring Snow and Its Associations with the Hemispheric Extratropical Circulation and East Asian Summer Monsoon Rainfall: An Observational Investigation. <i>Journal of Climate</i> , 2007, 20, 3942-3955.	1.2	175
387	Pre-monsoon Indian Ocean SST in contrasting years of Indian summer monsoon rainfall. <i>International Journal of Remote Sensing</i> , 2007, 28, 4403-4407.	1.3	5
388	A study of dynamical seasonal prediction of potential water resources based on an atmospheric GCM experiment with prescribed sea-surface temperature. <i>Hydrological Sciences Journal</i> , 2007, 52, 152-165.	1.2	6
389	Intraseasonal and Seasonally Persisting Patterns of Indian Monsoon Rainfall. <i>Journal of Climate</i> , 2007, 20, 3-20.	1.2	227
390	Summertime ENSO–North African–Asian Jet teleconnection and implications for the Indian monsoons. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	53
391	Observations and proxies of the surface layer throughflow in Lombok Strait. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	32
392	A multiproxy assessment of the western equatorial Pacific hydrography during the last 30 kyr. <i>Paleoceanography</i> , 2007, 22, .	3.0	62
393	Sea surface temperatures of the western Arabian Sea during the last deglaciation. <i>Paleoceanography</i> , 2007, 22, .	3.0	43
394	Bay of Bengal summer monsoon 10–20 day variability in sea surface temperature using model and observations. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	11
395	Reduction in northward incursions of the South Asian monsoon since ~1400 AD inferred from a Mt. Everest ice core. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	88
396	Forecasting the duration of active and break spells in intrinsic mode functions of Indian monsoon intraseasonal oscillations. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	21
397	Manifestation of remote response over the equatorial Pacific in a climate model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	10
398	Arabian Sea response to monsoon variations. <i>Paleoceanography</i> , 2007, 22, .	3.0	47
400	A Coupled Model Study of Glacial Asian Monsoon Variability and Indian Ocean Dipole. <i>Journal of the Meteorological Society of Japan</i> , 2007, 85, 1-10.	0.7	88
401	The Variability of the Asian Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , 2007, 85B, 21-54.	0.7	209
402	Le microcrédit au prisme du libéralisme et de marchands d'illusions. Manifeste pour une inclusion financière socialement responsable. <i>Revue Du MAUSS</i> , 2007, n° 29, 329-350.	0.1	14

#	ARTICLE	IF	CITATIONS
403	Role of SST over the Indian Ocean in Influencing the Intraseasonal Variability of the Indian Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , 2007, 85, 349-358.	0.7	105
404	Large-scale summer monsoon rainfall over India and its relation to 850 hPa wind shear. <i>Hydrological Processes</i> , 2007, 21, 1992-1996.	1.1	6
405	Impact of Indian Ocean sea-surface temperature anomaly on Indian summer monsoon precipitation using a regional climate model. <i>International Journal of Climatology</i> , 2007, 27, 1455-1465.	1.5	39
406	Precipitation in Nepal between 1987 and 1996. <i>International Journal of Climatology</i> , 2007, 27, 1753-1762.	1.5	89
407	Tropospheric biennial oscillation of the Indian summer monsoon with and without the El Nino-Southern Oscillation. <i>International Journal of Climatology</i> , 2007, 27, 2095-2101.	1.5	12
408	Monsoon convection in the Himalayan region as seen by the TRMM Precipitation Radar. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2007, 133, 1389-1411.	1.0	246
409	Role of the quasi-biweekly oscillation in the onset of convection over the Indochina Peninsula. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2007, 133, 433-444.	1.0	9
410	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
411	Seasonal transition features of large-scale moisture transport in the Asian-Australian monsoon region. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 1-14.	1.9	46
412	Characteristics and variations of the East Asian monsoon system and its impacts on climate disasters in China. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 993-1023.	1.9	204
413	Variability of Convective Activity over the North Indian Ocean and its Associations with Monsoon Rainfall over India. <i>Pure and Applied Geophysics</i> , 2007, 164, 1527-1545.	0.8	14
414	The Preferred Structure of the Interannual Indian Monsoon Variability. <i>Pure and Applied Geophysics</i> , 2007, 164, 1717-1732.	0.8	10
415	Simulation of South-Asian Summer Monsoon in a GCM. <i>Pure and Applied Geophysics</i> , 2007, 164, 2117-2140.	0.8	9
416	On the impacts of ENSO and Indian Ocean dipole events on sub-regional Indian summer monsoon rainfall. <i>Natural Hazards</i> , 2007, 42, 273-285.	1.6	182
417	Variability of Indian monsoon-ENSO relationship in a 1000-year MRI-CGCM2.2 simulation. <i>Natural Hazards</i> , 2007, 42, 261-272.	1.6	10
418	Intraseasonal variability of the Tropical Easterly Jet. <i>Meteorology and Atmospheric Physics</i> , 2007, 96, 305-316.	0.9	32
419	Interdecadal variability of the relationship between the East Asian winter monsoon and ENSO. <i>Meteorology and Atmospheric Physics</i> , 2007, 98, 283-293.	0.9	141
420	North African climate variability. Part 2: Tropical circulation systems. <i>Theoretical and Applied Climatology</i> , 2007, 89, 37-49.	1.3	30

#	ARTICLE	IF	CITATIONS
421	Interannual variability in the onset of the summer monsoon over the Eastern Bay of Bengal. <i>Theoretical and Applied Climatology</i> , 2007, 89, 155-170.	1.3	82
422	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
423	Impact of southeast Indian Ocean sea surface temperature anomalies on monsoon-ENSO-dipole variability in a coupled ocean-atmosphere model. <i>Climate Dynamics</i> , 2007, 28, 553-580.	1.7	37
424	Onset of southwesterly wind over eastern China and associated atmospheric circulation and rainfall. <i>Climate Dynamics</i> , 2007, 28, 797-811.	1.7	83
425	Regimes of seasonal air-sea interaction and implications for performance of forced simulations. <i>Climate Dynamics</i> , 2007, 29, 393-410.	1.7	133
426	Grain-size records at ODP site 1146 from the northern South China Sea: Implications on the East Asian monsoon evolution since 20 Ma. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 1536-1547.	0.9	11
427	Dynamical tropopause variability and potential vorticity streamers in the Northern Hemisphere – A climatological analysis. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 367-380.	1.9	25
428	Prediction of the Asian-Australian monsoon interannual variations with the Grid-Point atmospheric model of IAP LAGG (GAMIL). <i>Advances in Atmospheric Sciences</i> , 2008, 25, 387-394.	1.9	30
429	A fast version of LAGG/IAP climate system model and its 1000-year control integration. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 655-672.	1.9	39
430	The springtime North Asia cyclone activity index and the Southern Annular Mode. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 673-679.	1.9	12
431	Sensitivity of the Indian monsoon to human activities. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 932-945.	1.9	4
432	Asian summer monsoon precipitation recorded by stalagmite oxygen isotopic composition in the western Loess Plateau during AD1875-2003 and its linkage with ocean-atmosphere system. <i>Science Bulletin</i> , 2008, 53, 2041-2049.	4.3	22
433	Interdecadal variations of East Asian summer monsoon northward propagation and influences on summer precipitation over East China. <i>Meteorology and Atmospheric Physics</i> , 2008, 100, 101-119.	0.9	28
434	Long lead monsoon rainfall prediction for meteorological sub-divisions of India using deterministic artificial neural network model. <i>Meteorology and Atmospheric Physics</i> , 2008, 101, 93-108.	0.9	36
435	Temperature variability over the Indian Ocean and its relationship with Indian summer monsoon rainfall. <i>Theoretical and Applied Climatology</i> , 2008, 92, 31-45.	1.3	53
436	Simulation of West African monsoon using RegCM3 Part II: impacts of deforestation and desertification. <i>Theoretical and Applied Climatology</i> , 2008, 93, 245-261.	1.3	118
437	Anomalous Meiyu onset averaged over the Yangtze River valley. <i>Theoretical and Applied Climatology</i> , 2008, 94, 81-95.	1.3	11
438	Seasonal persistence and propagation of intraseasonal patterns over the Indian monsoon region. <i>Climate Dynamics</i> , 2008, 30, 353-369.	1.7	129

#	ARTICLE	IF	CITATIONS
439	Seasonal rotation features of wind vectors and application to evaluate monsoon simulations in AMIP models. <i>Climate Dynamics</i> , 2008, 31, 417-432.	1.7	10
441	Analysis of Indian monsoon daily rainfall on subseasonal to multidecadal time scales using a hidden Markov model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2008, 134, 875-887.	1.0	27
442	Trends in the boreal summer regional Hadley and Walker circulations as expressed in precipitation records from Asia and Africa during the latter half of the 20th century. <i>International Journal of Climatology</i> , 2008, 28, 563-578.	1.5	20
443	Global summer monsoon rainy seasons. <i>International Journal of Climatology</i> , 2008, 28, 1563-1578.	1.5	96
444	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2008, 28, 1579-1587.	1.5	70
445	Influences of the Indian Ocean dipole on the Asian summer monsoon in the following year. <i>International Journal of Climatology</i> , 2008, 28, 1849-1859.	1.5	141
446	Tree-ring based drought reconstruction in the central Hengduan Mountains region (China) since A.D. 1655. <i>International Journal of Climatology</i> , 2008, 28, 1879-1887.	1.5	107
447	Regional scale prediction of the onset phase of the Indian southwest monsoon with a high-resolution atmospheric model. <i>Atmospheric Science Letters</i> , 2008, 9, 237-244.	0.8	8
448	Common tree growth anomalies over the northeastern Tibetan Plateau during the last six centuries: implications for regional moisture change. <i>Global Change Biology</i> , 2008, 14, 2096-2107.	4.2	60
449	Late Neogene radiolarian absence event in the southern South China Sea and its paleoceanographic implication. <i>Progress in Natural Science: Materials International</i> , 2008, 18, 281-287.	1.8	3
450	Late Quaternary development of the Java upwelling system (eastern Indian Ocean) as revealed by coccolithophores. <i>Marine Micropaleontology</i> , 2008, 69, 3-15.	0.5	15
451	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
452	Warm pool thermodynamics from the Arabian Sea Monsoon Experiment (ARMEX). <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	18
453	Space-time variability of equatorial Kelvin waves and intraseasonal oscillations around the tropical tropopause. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	24
454	Regional summer precipitation events in Asia and their changes in the past decades. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	96
455	Benthic foraminiferal faunal and isotopic changes as recorded in Holocene sediments of the northwest Indian Ocean. <i>Paleoceanography</i> , 2008, 23, .	3.0	24
456	Are Tropical Streams Ecologically Different from Temperate Streams?. , 2008, , 257-284.		101
457	Tipping elements in the Earth's climate system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1786-1793.	3.3	2,599

#	ARTICLE	IF	CITATIONS
458	Holocene changes in eastern tropical Pacific climate inferred from a Galápagos lake sediment record. <i>Quaternary Science Reviews</i> , 2008, 27, 1166-1180.	1.4	578
459	Advanceâ€“retreat history of the East-Asian summer monsoon rainfall belt over northern China during the last two glacialâ€“interglacial cycles. <i>Earth and Planetary Science Letters</i> , 2008, 274, 499-510.	1.8	160
460	Global monsoon: Dominant mode of annual variation in the tropics. <i>Dynamics of Atmospheres and Oceans</i> , 2008, 44, 165-183.	0.7	368
461	Late Holocene monsoonal temperate glacier fluctuations on the Tibetan Plateau. <i>Global and Planetary Change</i> , 2008, 60, 126-140.	1.6	98
462	Uncertainties in climate change prediction: El Niño-Southern Oscillation and monsoons. <i>Global and Planetary Change</i> , 2008, 60, 265-288.	1.6	55
463	Coral Sr/Ca and Mg/Ca records in Con Dao Island off the Mekong Delta: Assessment of their potential for monitoring ENSO and East Asian monsoon. <i>Global and Planetary Change</i> , 2008, 63, 341-352.	1.6	37
464	Coupled interactions of the monsoons. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	23
465	Study on impact of the South Asian summer monsoon on the downâ€“valley wind on the northern slope of Mt. Everest. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	20
466	Sea surface temperature differences between the western equatorial Pacific and northern South China Sea since the Pliocene and their paleoclimatic implications. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	31
467	Changes in global land monsoon area and total rainfall accumulation over the last half century. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	122
468	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
469	Aerosol optical depth variability over Arabian Sea during drought and normal years of Indian monsoon. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	32
470	Summer temperature reconstruction on the central Tibetan Plateau during 1860â€“2002 derived from annually resolved ice core pollen. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	17
471	Simulation of local airâ€“sea interaction in the great warm pool and its influence on Asian monsoon. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	27
472	Notes of numerical simulation of summer rainfall in China with a regional climate model REMO. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 999-1008.	1.9	7
473	Characteristics of Clay Minerals in the Northern South China Sea and Its Implications for Evolution of East Asian Monsoon since Miocene. <i>Journal of China University of Geosciences</i> , 2008, 19, 23-37.	0.4	24
474	A tree-ring record of 500-year dry-wet changes in northern Tibet, China. <i>Holocene</i> , 2008, 18, 579-588.	0.9	45
475	Southern Indian Ocean SST variability and its relationship with Indian summer monsoon. <i>Atmosphere - Ocean</i> , 2008, 46, 361-376.	0.6	10

#	ARTICLE	IF	CITATIONS
476	ITF and Poleward Heat Transport of Indian Ocean. <i>Marine Geodesy</i> , 2008, 31, 213-221.	0.9	1
477	Role of Retrospective Forecasts of GCMs Forced with Persisted SST Anomalies in Operational Streamflow Forecasts Development. <i>Journal of Hydrometeorology</i> , 2008, 9, 212-227.	0.7	37
478	A Remote Sensing Survey of the Role of Landform on the Organization of Orographic Precipitation in Central and Southern Mexico. <i>Journal of Hydrometeorology</i> , 2008, 9, 1267-1283.	0.7	22
479	Objective Identification of Nonlinear Convectively Coupled Phases of Monsoon Intraseasonal Oscillation: Implications for Prediction. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 1549-1569.	0.6	63
480	Simulations and Seasonal Prediction of the Asian Summer Monsoon in the NCEP Climate Forecast System. <i>Journal of Climate</i> , 2008, 21, 3755-3775.	1.2	146
481	Sensitivity of MJO Simulation and Predictability to Sea Surface Temperature Variability. <i>Journal of Climate</i> , 2008, 21, 5304-5317.	1.2	38
482	The Role of the Western Arabian Sea Upwelling in Indian Monsoon Rainfall Variability. <i>Journal of Climate</i> , 2008, 21, 5603-5623.	1.2	220
483	Ocean Forcing to Changes in Global Monsoon Precipitation over the Recent Half-Century. <i>Journal of Climate</i> , 2008, 21, 3833-3852.	1.2	218
484	Possible Role of the Indian Ocean in the In-Phase Transition of the Indian-to-Australian Summer Monsoon. <i>Journal of Climate</i> , 2008, 21, 5727-5741.	1.2	18
485	Timing of El Niño-Related Warming and Indian Summer Monsoon Rainfall. <i>Journal of Climate</i> , 2008, 21, 2711-2719.	1.2	15
486	The Intraseasonal Variability of the Indian Summer Monsoon Using TMI Sea Surface Temperatures and ECMWF Reanalysis. <i>Journal of Climate</i> , 2008, 21, 2519-2539.	1.2	28
487	Wind-Evaporation Feedback and Abrupt Seasonal Transitions of Weak, Axisymmetric Hadley Circulations. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 2194-2214.	0.6	15
488	The First Transition of the Asian Summer Monsoon, Intraseasonal Oscillation, and Taiwan Mei-yu. <i>Journal of Climate</i> , 2008, 21, 1552-1568.	1.2	31
489	Wind-Evaporation Feedback and the Axisymmetric Transition to Angular Momentum-Conserving Hadley Flow. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 3758-3778.	0.6	10
490	Absorbing Aerosols and Summer Monsoon Evolution over South Asia: An Observational Portrayal. <i>Journal of Climate</i> , 2008, 21, 3221-3239.	1.2	144
491	Northern Hemisphere Controls on Tropical Southeast African Climate During the Past 60,000 Years. <i>Science</i> , 2008, 322, 252-255.	6.0	497
492	The Importance of High-Frequency Sea Surface Temperature Variability to the Intraseasonal Oscillation of Indian Monsoon Rainfall. <i>Journal of Climate</i> , 2008, 21, 6119-6140.	1.2	45
493	Quasi-Biweekly Oscillation of the Convection around Sumatra and Low-Level Tropical Circulation in Boreal Spring. <i>Monthly Weather Review</i> , 2008, 136, 189-205.	0.5	19

#	ARTICLE	IF	CITATIONS
494	Individual and combined effects of ice sheets and precession on MIS-13 climate. <i>Climate of the Past</i> , 2009, 5, 229-243.	1.3	63
495	Multi-scale forcing and the formation of subtropical desert and monsoon. <i>Annales Geophysicae</i> , 2009, 27, 3631-3644.	0.6	91
496	Variability of summer precipitation over Eastern China during the last millennium. <i>Climate of the Past</i> , 2009, 5, 129-141.	1.3	31
497	Impact of ENSO on Summer Monsoon in Southern Parts of Pakistan. , 2009, , .		1
498	Bimodal variation of SST and related physical processes over the North Indian Ocean: special emphasis on satellite observations. <i>International Journal of Remote Sensing</i> , 2009, 30, 5865-5876.	1.3	7
499	Vulnerability to Climate Change of Nature-Based Tourism in the Nepalese Himalayas. <i>Tourism Geographies</i> , 2009, 11, 95-119.	2.2	107
500	Seasonality and Interannual Variability of the Westerly Jet in the Tibetan Plateau Region*. <i>Journal of Climate</i> , 2009, 22, 2940-2957.	1.2	359
501	Inter-Comparison of Numerical Model Generated Surface Winds with QuikSCAT Winds over the Indian Ocean. <i>Marine Geodesy</i> , 2009, 32, 391-408.	0.9	3
502	Diurnal variations of summertime precipitation over the Tibetan Plateau in relation to orographically-induced regional circulations. <i>Environmental Research Letters</i> , 2009, 4, 045203.	2.2	56
503	On the Relationship between Latitude and Altitude Temperature Effects. , 2009, , .		9
504	A Review of the Asian-Pacific Monsoon. <i>Atmospheric and Oceanic Science Letters</i> , 2009, 2, 91-96.	0.5	6
505	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
506	Uncertainties of Estimates of Inertiaâ€“Gravity Energy in the Atmosphere. Part II: Large-Scale Equatorial Waves. <i>Monthly Weather Review</i> , 2009, 137, 3858-3873.	0.5	18
507	Regimes of the North Australian Wet Season. <i>Journal of Climate</i> , 2009, 22, 6699-6715.	1.2	79
508	Differences in Draft Core Statistics from the Wet to Dry Spell over Gadanki, India (13.5Â°N, 79.2Â°E). <i>Monthly Weather Review</i> , 2009, 137, 4293-4306.	0.5	31
509	Basic mechanism for abrupt monsoon transitions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20572-20577.	3.3	109
510	MJO Simulation Diagnostics. <i>Journal of Climate</i> , 2009, 22, 3006-3030.	1.2	265
511	Periodic temperature-associated drought/flood drives locust plagues in China. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 823-831.	1.2	51

#	ARTICLE	IF	CITATIONS
512	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
513	Climate prediction for Brazil's Nordeste by empirical and numerical modeling methods. <i>International Journal of Climatology</i> , 2009, 29, 921-926.	1.5	15
514	Spatial and temporal variability of precipitation over China, 1951–2005. <i>Theoretical and Applied Climatology</i> , 2009, 95, 53-68.	1.3	128
515	Patterns of Pacific decadal variability recorded by Indian Ocean corals. <i>International Journal of Earth Sciences</i> , 2009, 98, 41-52.	0.9	33
516	Western Indian Ocean marine and terrestrial records of climate variability: a review and new concepts on land–ocean interactions since AD 1660. <i>International Journal of Earth Sciences</i> , 2009, 98, 115-133.	0.9	35
517	Climate impacts of land-use change in China and its uncertainty in a global model simulation. <i>Climate Dynamics</i> , 2009, 32, 473-494.	1.7	29
518	Wind onset and withdrawal of Asian summer monsoon and their simulated performance in AMIP models. <i>Climate Dynamics</i> , 2009, 32, 935-968.	1.7	81
519	On the atmospheric dynamical responses to land-use change in East Asian monsoon region. <i>Climate Dynamics</i> , 2009, 33, 409-426.	1.7	21
520	Spatio-temporal variability and predictability of summer monsoon onset over the Philippines. <i>Climate Dynamics</i> , 2009, 33, 1159-1177.	1.7	48
521	Summer monsoon onset over Kerala: New definition and prediction. <i>Journal of Earth System Science</i> , 2009, 118, 123-135.	0.6	111
522	Impact of vegetation on the simulation of seasonal monsoon rainfall over the Indian subcontinent using a regional model. <i>Journal of Earth System Science</i> , 2009, 118, 413-440.	0.6	16
523	A new index to describe the tropical Asian summer monsoon. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 843-854.	0.9	2
524	Global monsoon in a geological perspective. <i>Science Bulletin</i> , 2009, 54, 1113-1136.	4.3	182
525	Modeling impacts of East Asian Ocean-Land thermal contrast on spring southwesterly winds and rainfall in eastern China. <i>Science Bulletin</i> , 2009, 54, 4733-4741.	4.3	13
526	Impacts of global warming on patterns of temperature change in China. <i>Journal of Mountain Science</i> , 2009, 6, 405-410.	0.8	4
527	Cold event at 5 500 a BP recorded in mud sediments on the inner shelf of the East China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2009, 27, 975-984.	0.7	22
528	The ENSO's effect on eastern China rainfall in the following early summer. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 333-342.	1.9	62
529	Potential impacts of land-use on climate variability and extremes. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 840-854.	1.9	15

#	ARTICLE	IF	CITATIONS
530	Cloud radiative forcing in Asian monsoon region simulated by IPCC AR4 AMIP models. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 923-939.	1.9	16
531	Recent progress in studies on land cover change and its regional climatic effects over China during historical times. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 793-802.	1.9	11
532	Large-scale controls on Ganges and Brahmaputra river discharge on intraseasonal and seasonal time-scales. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 353-370.	1.0	69
533	Annual intensification of the Somali jet in a quasi-equilibrium framework: Observational composites. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 319-335.	1.0	76
534	Subseasonal extremes of precipitation and active-break cycles of the Indian summer monsoon in a climate-change scenario. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 549-567.	1.0	43
535	Differences in raindrop size distribution from southwest monsoon to northeast monsoon at Gadanki. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 1630-1637.	1.0	68
536	A Strategic Framework for Monitoring Coastal Change in Australia's Wet-dry Tropics – Concepts and Progress. <i>Geographical Research</i> , 2009, 47, 109-123.	0.9	7
537	Holocene environmental change in the marginal area of the Asian monsoon: a record from Zhuye Lake, NW China. <i>Boreas</i> , 2009, 38, 349-361.	1.2	63
538	Oscillation of wind temperature humidity in the atmospheric surface layer over tropical semi-arid stations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2009, 71, 618-624.	0.6	0
539	Signature of atmospheric oscillations in GPS-measured tropospheric delay. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2009, 71, 1784-1793.	0.6	1
540	Teleconnections into South America from the Tropics and Extratropics on Interannual and Intraseasonal Timescales. <i>Developments in Paleoenvironmental Research</i> , 2009, , 159-191.	7.5	58
541	Tree ring density-based summer temperature reconstruction for the central Hengduan Mountains in southern China. <i>Global and Planetary Change</i> , 2009, 65, 1-11.	1.6	130
542	Simulations of the impacts of dynamic vegetation on interannual and interdecadal variability of Asian summer monsoon with modern and mid-Holocene orbital forcings. <i>Global and Planetary Change</i> , 2009, 66, 235-252.	1.6	20
543	Temperature changes on the Tibetan Plateau during the past 600 years inferred from ice cores and tree rings. <i>Global and Planetary Change</i> , 2009, 69, 71-78.	1.6	48
544	Oscillations in the southern extent of the Indo-Pacific Warm Pool during the mid-Holocene. <i>Quaternary Science Reviews</i> , 2009, 28, 2794-2803.	1.4	120
545	Early and middle Holocene in the Aegean Sea: interplay between high and low latitude climate variability. <i>Quaternary Science Reviews</i> , 2009, 28, 3246-3262.	1.4	117
546	How old is pastoralism in Tibet? An ecological approach to the making of a Tibetan landscape. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 276, 130-147.	1.0	197
547	Spatial variability of monthly and annual rainfall data over Southern Tunisia. <i>Atmospheric Research</i> , 2009, 93, 832-839.	1.8	35

#	ARTICLE	IF	CITATIONS
548	Enhanced pre-monsoon warming over the Himalayan-Tibetan region from 1979 to 2007. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	204
549	Summer monsoon moisture variability over China and Mongolia during the past four centuries. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	46
550	Role of stratiform rainfall in modifying the northward propagation of monsoon intraseasonal oscillation. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	54
551	Local air-sea interaction in Intertropical Convergence Zone simulations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	4
552	Objective determination of monsoon season onset, withdrawal, and length. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	54
553	Data mining for evolution of association rules for droughts and floods in India using climate inputs. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	44
554	Influence of Indian Ocean Dipole on boreal summer intraseasonal oscillations in a coupled general circulation model. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	19
555	Assessing the regional variability of GCM simulations. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	43
556	Suppression of south Asian summer monsoon precipitation in the 21st century. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	216
557	Measured turbulent heat transfer on the northern slope of Mt. Everest and its relation to the south Asian summer monsoon. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	14
558	Understanding Changes in the Asian Summer Monsoon over the Past Millennium: Insights from a Long-Term Coupled Model Simulation*. <i>Journal of Climate</i> , 2009, 22, 1736-1748.	1.2	37
559	Annual Cycle of Rainfall in the Western North Pacific and East Asian Sector. <i>Journal of Climate</i> , 2009, 22, 2073-2094.	1.2	39
560	Predicting Extreme Phases of the Indian Summer Monsoon*. <i>Journal of Climate</i> , 2009, 22, 346-363.	1.2	40
561	Impacts of the Madden-Julian Oscillation on Australian Rainfall and Circulation. <i>Journal of Climate</i> , 2009, 22, 1482-1498.	1.2	247
562	Regional Climate Change in Tropical and Northern Africa due to Greenhouse Forcing and Land Use Changes. <i>Journal of Climate</i> , 2009, 22, 114-132.	1.2	192
563	A daytime climatological distribution of high opaque ice cloud classes over the Indian summer monsoon region observed from 25-year AVHRR data. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4185-4196.	1.9	18
564	Monsoon climate variabilities. <i>Geophysical Monograph Series</i> , 2010, , 27-51.	0.1	22
565	Atmospheric pollutant outflow from southern Asia: a review. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11017-11096.	1.9	419

#	ARTICLE	IF	CITATIONS
566	Atmospheric Brown Clouds in the Himalayas: first two years of continuous observations at the Nepal Climate Observatory-Pyramid (5079 m). <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 7515-7531.	1.9	252
567	Dynamical Response of the Tropical Pacific Ocean to Solar Forcing During the Early Holocene. <i>Science</i> , 2010, 330, 1378-1381.	6.0	135
568	Comparisons of soil moisture datasets over the Tibetan Plateau and application to the simulation of Asia summer monsoon onset. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 303-314.	1.9	17
569	The relationship between the Aleutian Low and the Australian summer monsoon at interannual time scales. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 177-184.	1.9	10
570	A reconstructed dynamic Indian monsoon index extended back to 1880. <i>Climate Dynamics</i> , 2010, 34, 573-585.	1.7	25
571	Reconstructed droughts for the southeastern Tibetan Plateau over the past 568 years and its linkages to the Pacific and Atlantic Ocean climate variability. <i>Climate Dynamics</i> , 2010, 35, 577-585.	1.7	107
572	Understanding the West African monsoon variability and its remote effects: an illustration of the grid point nudging methodology. <i>Climate Dynamics</i> , 2010, 35, 159-174.	1.7	22
573	How are seasonal prediction skills related to models' performance on mean state and annual cycle?. <i>Climate Dynamics</i> , 2010, 35, 267-283.	1.7	131
574	An isolated carbonate knoll in the Timor Sea (Sahul Shelf, NW Australia): facies zonation and sediment composition. <i>Facies</i> , 2010, 56, 179-193.	0.7	10
575	Regional features of precipitation over Asia and summer extreme precipitation over Southeast Asia and their associations with atmospheric-oceanic conditions. <i>Meteorology and Atmospheric Physics</i> , 2010, 106, 57-73.	0.9	52
576	Interhemispheric atmospheric mass oscillation and its relation to interannual variations of the Asian monsoon in boreal summer. <i>Science China Earth Sciences</i> , 2010, 53, 1343-1350.	2.3	7
577	Active and break spells of the Indian summer monsoon. <i>Journal of Earth System Science</i> , 2010, 119, 229-247.	0.6	506
578	Last glacial climate variations on the tropical Leizhou Peninsula, South China. <i>Journal of Paleolimnology</i> , 2010, 44, 777-788.	0.8	7
579	Holocene millennial-scale climate variations documented by multiple lake-level proxies in sediment cores from Hurleg Lake, Northwest China. <i>Journal of Paleolimnology</i> , 2010, 44, 995-1008.	0.8	68
580	Asynchronous evolution of the Indian and East Asian Summer Monsoon indicated by Holocene moisture patterns in monsoonal central Asia. <i>Earth-Science Reviews</i> , 2010, 103, 135-153.	4.0	286
581	Textural and carbon isotopic evidence of monsoonal changes recorded in a composite-type speleothem from Korea since MIS 5a. <i>Quaternary Research</i> , 2010, 74, 100-112.	1.0	10
582	Effect of late 1970's climate shift on tropospheric biennial oscillation's role of local Indian Ocean processes on Asian summer monsoon. <i>International Journal of Climatology</i> , 2010, 30, 509-521.	1.5	14
583	Twice wind onsets of monsoon over the western North Pacific and their simulations in AMIP models. <i>International Journal of Climatology</i> , 2010, 30, 582-600.	1.5	2

#	ARTICLE	IF	CITATIONS
584	Interdecadal variability of Tibetan spring vegetation and its associations with eastern China spring rainfall. <i>International Journal of Climatology</i> , 2010, 30, 856-865.	1.5	24
585	Annual temperature history in Southwest Tibet during the last 400 years recorded by tree rings. <i>International Journal of Climatology</i> , 2010, 30, 962-971.	1.5	36
586	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
587	Interannual variability in the subseasonal northward excursion of the Baiu front. <i>International Journal of Climatology</i> , 2010, 30, 2205-2216.	1.5	9
588	On factors responsible for recent secular trend in the onset phase of monsoon intraseasonal oscillations. <i>International Journal of Climatology</i> , 2010, 30, 2240-2246.	1.5	28
589	Periodicities in Indian monsoon rainfall over spectrally homogeneous regions. <i>International Journal of Climatology</i> , 2010, 30, 2289-2298.	1.5	35
590	Biogeography of the Australian monsoon tropics. <i>Journal of Biogeography</i> , 2010, 37, 201-216.	1.4	277
591	Spatial structures and directionalities in Monsoonal precipitation over South Asia. <i>Nonlinear Processes in Geophysics</i> , 2010, 17, 371-381.	0.6	71
592	Contribution of oceanic and vegetation feedbacks to Holocene climate change in monsoonal Asia. <i>Climate of the Past</i> , 2010, 6, 195-218.	1.3	53
593	The Genesis of Tropical Cyclone Nargis (2008): Environmental Modulation and Numerical Predictability. <i>Journal of the Meteorological Society of Japan</i> , 2010, 88, 497-519.	0.7	25
594	Orbital and suborbital variability in the equatorial Indian Ocean as recorded in sediments of the Maldives Ridge (ODP Hole 716A) during the past 444 ka. <i>Geological Society Special Publication</i> , 2010, 342, 17-27.	0.8	5
595	Evolution of the Indian summer monsoon: synthesis of continental records. <i>Geological Society Special Publication</i> , 2010, 342, 153-183.	0.8	16
596	A 622-year regional temperature history of southeast Tibet derived from tree rings. <i>Holocene</i> , 2010, 20, 181-190.	0.9	66
597	Appearance of extreme monsoonal rainfall events and their impact on erosion in the Himalaya. <i>Geomatics, Natural Hazards and Risk</i> , 2010, 1, 37-50.	2.0	96
598	Non-stationary response of Plio-Pleistocene East Asian winter monsoon variation to ice volume forcing. <i>Geological Society Special Publication</i> , 2010, 342, 79-86.	0.8	6
600	Monsoon evolution and tectonics-climate linkage in Asia: an introduction. <i>Geological Society Special Publication</i> , 2010, 342, 1-4.	0.8	10
601	Geochemical records in the South China Sea: implications for East Asian summer monsoon evolution over the last 20 Ma. <i>Geological Society Special Publication</i> , 2010, 342, 245-263.	0.8	53
602	Spatial and Temporal Distribution of Latent Heating in the South Asian Monsoon Region. <i>Journal of Climate</i> , 2010, 23, 2010-2029.	1.2	28

#	ARTICLE	IF	CITATIONS
603	Weakening of the Winter Monsoon and Abrupt Increase of Winter Rainfalls over Northern Taiwan and Southern China in the Early 1980s. <i>Journal of Climate</i> , 2010, 23, 2357-2367.	1.2	35
604	Climate Adjustments over Africa Accompanying the Indian Monsoon Onset. <i>Journal of Climate</i> , 2010, 23, 2047-2064.	1.2	33
605	Observed and Modeled Changes in the South Asian Summer Monsoon over the Historical Period*. <i>Journal of Climate</i> , 2010, 23, 5193-5205.	1.2	43
606	The Delayed Effect of Major El Niño Events on Indian Monsoon Rainfall. <i>Journal of Climate</i> , 2010, 23, 932-946.	1.2	53
607	Breakdown and Reformation of the Intertropical Convergence Zone in a Moist Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 1247-1260.	0.6	6
608	A Dynamical Index for the East Asian Winter Monsoon. <i>Journal of Climate</i> , 2010, 23, 4255-4262.	1.2	112
609	Analysis of Intraseasonal and Interannual Variability of the Asian Summer Monsoon Using a Hidden Markov Model. <i>Journal of Climate</i> , 2010, 23, 5498-5516.	1.2	30
610	Data Evaluation for a Newly Developed Slack-Line Mooring Buoy Deployed in the Eastern Indian Ocean. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 1195-1214.	0.5	11
611	Large variations of oxygen isotopes in precipitation over south-central Tibet during Marine Isotope Stage 5. <i>Geology</i> , 2010, 38, 243-246.	2.0	73
612	Evaluation of a Dynamical Basis for Advance Forecasting of the Date of Onset of Monsoon Rainfall over India. <i>Monthly Weather Review</i> , 2010, 138, 3120-3141.	0.5	32
613	Performance of the New NCAR CAM3.5 in East Asian Summer Monsoon Simulations: Sensitivity to Modifications of the Convection Scheme. <i>Journal of Climate</i> , 2010, 23, 3657-3675.	1.2	116
614	Orographic Controls on Climate and Paleoclimate of Asia: Thermal and Mechanical Roles for the Tibetan Plateau. <i>Annual Review of Earth and Planetary Sciences</i> , 2010, 38, 77-102.	4.6	644
615	Intraseasonal response of mixed layer temperature and salinity in the Bay of Bengal to heat and freshwater flux. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	53
616	Impacts of Asian summer monsoon on seasonal and interannual variations of aerosols over eastern China. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	88
617	Quasi-stationary temperature structure in the upper troposphere over the tropical Indian Ocean inferred from radio occultation data. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	13
618	Analysis of the Indian summer monsoon system in the regional climate model COSMO-CLM. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	70
619	Physical mechanisms of the seasonal, subseasonal, and high-frequency variability in the seasonal cycle of summer precipitation in Korea. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	16
620	Toward a complete Himalayan hydrological budget: Spatiotemporal distribution of snowmelt and rainfall and their impact on river discharge. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	875

#	ARTICLE	IF	CITATIONS
621	Precession phasing offset between Indian summer monsoon and Arabian Sea productivity linked to changes in Atlantic overturning circulation. <i>Paleoceanography</i> , 2010, 25, .	3.0	66
622	Premonsoon aerosol characterization and radiative effects over the Indo-Gangetic Plains: Implications for regional climate warming. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	194
623	Orbital-scale timing and mechanisms driving Late Pleistocene Indo-Asian summer monsoons: Reinterpreting cave speleothem $\delta^{18}O$. <i>Paleoceanography</i> , 2010, 25, n/a-n/a.	3.0	289
624	Toward Understanding and Predicting Monsoon Patterns. <i>Science</i> , 2010, 328, 437-438.	6.0	37
625	The Indonesian throughflow during 2004-2006 as observed by the INSTANT program. <i>Dynamics of Atmospheres and Oceans</i> , 2010, 50, 115-128.	0.7	259
626	The variation of summer monsoon precipitation in central China since the last deglaciation. <i>Earth and Planetary Science Letters</i> , 2010, 291, 21-31.	1.8	355
627	Evidence for Holocene changes in Australian-Indonesian monsoon rainfall from stalagmite trace element and stable isotope ratios. <i>Earth and Planetary Science Letters</i> , 2010, 292, 27-38.	1.8	112
628	Lessons learned from oxygen isotopes in modern precipitation applied to interpretation of speleothem records of paleoclimate from eastern Asia. <i>Earth and Planetary Science Letters</i> , 2010, 295, 219-230.	1.8	217
629	Tree ring recorded May-August temperature variations since A.D. 1585 in the Gaoligong Mountains, southeastern Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 296, 94-102.	1.0	69
630	Understanding of anomalous Indian Summer Monsoon rainfall of 2002 and 1994. <i>Quaternary International</i> , 2010, 213, 20-32.	0.7	23
631	Evolution of Asian monsoon variability revealed by oxygen isotopic record of Middle Holocene massive coral in the northern South China Sea. <i>Quaternary International</i> , 2010, 213, 56-68.	0.7	11
632	Late Holocene isotope hydrology of Lake Qinghai, NE Tibetan Plateau: effective moisture variability and atmospheric circulation changes. <i>Quaternary Science Reviews</i> , 2010, 29, 2215-2223.	1.4	108
633	Are intraseasonal summer rainfall events micro monsoon onsets over the western edge of the South-Asian monsoon?. <i>Atmospheric Research</i> , 2010, 98, 341-346.	1.8	22
634	Regional, Seasonal, and Diurnal Variations of Extreme Convection in the South Asian Region. <i>Journal of Climate</i> , 2010, 23, 419-439.	1.2	246
635	Evaporation-precipitation changes in the eastern Arabian Sea for the last 68 ka: Implications on monsoon variability. <i>Paleoceanography</i> , 2010, 25, .	3.0	93
636	Observational evidence that agricultural intensification and land use change may be reducing the Indian summer monsoon rainfall. <i>Water Resources Research</i> , 2010, 46, .	1.7	151
637	Mixed layer processes of the Arabian Sea Warm Pool during spring intermonsoon: a study based on observational and satellite data. <i>International Journal of Remote Sensing</i> , 2011, 32, 5425-5441.	1.3	7
638	Regionalization of Present-Day Precipitation in the Greater Monsoon Region of Asia*. <i>Journal of Climate</i> , 2011, 24, 4073-4095.	1.2	64

#	ARTICLE	IF	CITATIONS
639	Late Holocene Asian summer monsoon variability reflected by $\delta^{18}O$ in tree-rings from Tibetan junipers. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	101
640	Modulation of SST, SSS over northern Bay of Bengal on ISO time scale. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	35
641	Evidence for decreasing South Asian summer monsoon in the past 160 years from varved sediment in Lake Xinluhai, Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	34
642	The role of air-sea interaction over the Indian Ocean in the in-phase transition from the Indian summer monsoon to the Australian boreal winter monsoon. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	1
643	Recent trends of the tropical hydrological cycle inferred from Global Precipitation Climatology Project and International Satellite Cloud Climatology Project data. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	90
644	Interannual teleconnections between the summer North Atlantic Oscillation and the East Asian summer monsoon. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	104
645	Influence of the annual cycle of sea surface temperature on the monsoon onset. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
646	Can El Niño/Southern Oscillation (ENSO) events modulate intraseasonal oscillations of Indian summer monsoon?. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	23
647	The leading mode of Indian Summer Monsoon precipitation variability during the last millennium. <i>Geophysical Research Letters</i> , 2011, 38, .	1.5	209
648	Co-existence of temperature and amount effects on precipitation $\delta^{18}O$ in the Asian monsoon region. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	25
649	Monsoon intraseasonal oscillations as simulated by the superparameterized Community Atmosphere Model. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	21
650	Glacial to Holocene swings of the Australian/Indonesian monsoon. <i>Nature Geoscience</i> , 2011, 4, 540-544.	5.4	111
652	Abrupt Climate Change: A Paleoclimate Perspective From the World's Highest Mountains. <i>Geophysical Monograph Series</i> , 2011, , 215-233.	0.1	1
653	Decadal Variability of Asian/Australian Monsoon/ENSO/TBO Relationships. <i>Journal of Climate</i> , 2011, 24, 4925-4940.	1.2	53
654	Characteristics of Precipitating Convective Systems in the South Asian Monsoon. <i>Journal of Hydrometeorology</i> , 2011, 12, 3-26.	0.7	203
655	Prediction of Indian summer monsoon rainfall using Niño indices: A neural network approach. <i>Atmospheric Research</i> , 2011, 102, 99-109.	1.8	79
656	Variations of Indian summer monsoon rainfall induce the weakening of easterly jet stream in the warming environment?. <i>Global and Planetary Change</i> , 2011, 75, 21-30.	1.6	34
657	Plant communities of central Tibetan pastures in the Alpine Steppe/Kobresia pygmaea ecotone. <i>Journal of Arid Environments</i> , 2011, 75, 711-723.	1.2	79

#	ARTICLE	IF	CITATIONS
658	Records of late-Holocene East Asian winter monsoon in the East China Sea: Key grain-size component of quartz versus bulk sediments. <i>Quaternary International</i> , 2011, 230, 106-114.	0.7	36
659	Tree-ring based annual precipitation reconstruction since AD 1480 in south central Tibet. <i>Quaternary International</i> , 2011, 236, 75-81.	0.7	31
660	A global context for megadroughts in monsoon Asia during the past millennium. <i>Quaternary Science Reviews</i> , 2011, 30, 47-62.	1.4	176
661	An updated astronomical timescale for the Plio-Pleistocene deposits from South China Sea and new insights into Asian monsoon evolution. <i>Quaternary Science Reviews</i> , 2011, 30, 1560-1575.	1.4	38
662	The precession phase of hydrological variability in the Western Pacific Warm Pool during the past 400k. <i>Quaternary Science Reviews</i> , 2011, 30, 3716-3727.	1.4	66
663	Enhanced spring convective barrier for monsoons in a warmer world?. <i>Climatic Change</i> , 2011, 104, 403-414.	1.7	94
664	Insights from a joint analysis of Indian and Chinese monsoon rainfall data. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 2709-2715.	1.9	9
665	Vertical variation of low-frequency oscillations in UHF radar derived winds at a tropical Indian station. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	3
666	El Niño-Southern Oscillation and water resources in the headwaters region of the Yellow River: links and potential for forecasting. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 1273-1281.	1.9	29
667	The influence of land cover change in the Asian monsoon region on present-day and mid-Holocene climate. <i>Biogeosciences</i> , 2011, 8, 1499-1519.	1.3	33
668	Regional climate model experiments to investigate the Asian monsoon in the Late Miocene. <i>Climate of the Past</i> , 2011, 7, 847-868.	1.3	31
669	Four climate change scenarios for the Indian summer monsoon by the regional climate model COSMO-CLM. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	43
670	Environmental prediction, risk assessment and extreme events: adaptation strategies for the developing world. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 4768-4797.	1.6	24
671	Seasonal variability of salt transport during the Indian Ocean monsoons. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	26
672	Distribution of non-marine diatoms in surface sediments of streams in Socotra Island, Yemen. <i>QScience Connect</i> , 2011, 2011, .	0.2	2
673	CONCEPT OF GLOBAL MONSOON. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2011, , 3-14.	0.2	11
674	Sensitive grain-size records of Holocene East Asian summer monsoon in sediments of northern South China Sea slope. <i>Quaternary Research</i> , 2011, 75, 734-744.	1.0	59
675	The monsoon imprint during the "atypical" MIS 13 as seen through north and equatorial Indian Ocean records. <i>Quaternary Research</i> , 2011, 76, 285-293.	1.0	9

#	ARTICLE	IF	CITATIONS
676	Terrestrial invasion of pomatiopsid gastropods in the heavy-snow region of the Japanese Archipelago. <i>BMC Evolutionary Biology</i> , 2011, 11, 118.	3.2	45
677	Impact of MJO on the intraseasonal variation of summer monsoon rainfall over India. <i>Climate Dynamics</i> , 2011, 36, 41-55.	1.7	124
678	Effects of increased CO2 levels on monsoons. <i>Climate Dynamics</i> , 2011, 37, 83-101.	1.7	89
679	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
680	The sensitivity of the Indian summer monsoon to a global warming of 2Å°C with respect to pre-industrial times. <i>Climate Dynamics</i> , 2011, 37, 1843-1868.	1.7	45
681	Factors controlling January–April rainfall over southern India and Sri Lanka. <i>Climate Dynamics</i> , 2011, 37, 493-507.	1.7	12
682	A westward extension of the warm pool leads to a westward extension of the Walker circulation, drying eastern Africa. <i>Climate Dynamics</i> , 2011, 37, 2417-2435.	1.7	412
683	An assessment of monsoon precipitation changes during 1901–2001. <i>Climate Dynamics</i> , 2011, 37, 279-296.	1.7	80
684	A non-parametric, statistical downscaling algorithm applied to the Rohini River Basin, Nepal. <i>Theoretical and Applied Climatology</i> , 2011, 103, 375-386.	1.3	5
685	Performance of GCMs for seasonal prediction over India—a case study for 2009 monsoon. <i>Theoretical and Applied Climatology</i> , 2011, 105, 505-520.	1.3	43
686	A comparison of East Asian summer monsoon simulations from CAM3.1 with three dynamic cores. <i>Theoretical and Applied Climatology</i> , 2011, 106, 295-306.	1.3	7
687	Present climate trend analysis of the Etesian winds in the Aegean Sea. <i>Theoretical and Applied Climatology</i> , 2011, 106, 459-472.	1.3	61
688	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
689	Coral extension rates in the NW Indian Ocean II: reconstruction of 20th century Indian monsoon strength and rainfall over India. <i>Geo-Marine Letters</i> , 2011, 31, 155-162.	0.5	8
690	Impacts of land process on the onset and evolution of Asian summer monsoon in the NCEP climate forecast system. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 1301-1317.	1.9	20
691	Evaluation of Short-Range Forecasts from a Mesoscale Model Over the Indian Region During Monsoon 2006. <i>Pure and Applied Geophysics</i> , 2011, 168, 919-943.	0.8	12
692	Experimental real-time multi-model ensemble (MME) prediction of rainfall during monsoon 2008: Large-scale medium-range aspects. <i>Journal of Earth System Science</i> , 2011, 120, 27-52.	0.6	26
693	Onset of East Asian subtropical summer monsoon and rainy season in China. <i>Science China Earth Sciences</i> , 2011, 54, 1845-1853.	2.3	39

#	ARTICLE	IF	CITATIONS
694	Late Holocene paleoenvironmental changes in the southern Okinawa Trough inferred from a diatom record. <i>Science Bulletin</i> , 2011, 56, 1131-1138.	1.7	18
695	Early Pleistocene formation of the asymmetric east-west pattern of upper water structure in the equatorial Pacific Ocean. <i>Science Bulletin</i> , 2011, 56, 2251-2257.	1.7	3
696	Characteristics of decadal-centennial-scale changes in East Asian summer monsoon circulation and precipitation during the Medieval Warm Period and Little Ice Age and in the present day. <i>Science Bulletin</i> , 2011, 56, 3003.	1.7	49
697	Speleothem-derived Asian summer monsoon variations in Central China, 54â€“46â€‰ka. <i>Journal of Quaternary Science</i> , 2011, 26, 781-790.	1.1	74
698	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
699	Identification of periodicity in the relationship between PDO, El NiÃ±o and peak monsoon rainfall in India using <i>S</i> -transform analysis. <i>International Journal of Climatology</i> , 2011, 31, 1507-1517.	1.5	23
700	Dynamical simulation of Indian summer monsoon circulation, rainfall and its interannual variability using a high resolution atmospheric general circulation model. <i>International Journal of Climatology</i> , 2011, 31, 1927-1942.	1.5	24
701	Influence of interannual variations in transport on summertime abundances of ozone over the Middle East. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	29
702	Multi-decadal modulation of the El NiÃ±o-Indian monsoon relationship by Indian Ocean variability. <i>Environmental Research Letters</i> , 2011, 6, 034006.	2.2	79
703	Anthropogenic Aerosols and the Weakening of the South Asian Summer Monsoon. <i>Science</i> , 2011, 334, 502-505.	6.0	876
704	Time Scales of Variability of the Tropical Atmosphere Derived from Cloud-Defined Weather States. <i>Journal of Climate</i> , 2011, 24, 602-608.	1.2	13
705	The Apparent Water Vapor Sinks and Heat Sources Associated with the Intraseasonal Oscillation of the Indian Summer Monsoon. <i>Journal of Climate</i> , 2011, 24, 4466-4479.	1.2	28
706	<i>Climate and the Oceans.</i> , 2011, , 1-36.		1
707	Regional Modeling of Climate Change Impact on Peninsular Malaysia Water Resources. <i>Journal of Hydrologic Engineering - ASCE</i> , 2011, 16, 1040-1049.	0.8	40
708	A Far-Reaching Footprint of the Tropical Pacific Meridional Mode on the Summer Rainfall over the Yellow River Loop Valley. <i>Journal of Climate</i> , 2011, 24, 2585-2598.	1.2	25
709	Dynamics and Thermodynamics of the Regional Response to the Indian Monsoon Onset. <i>Journal of Climate</i> , 2011, 24, 5879-5886.	1.2	11
710	The Asian Monsoon in the Superparameterized CCSM and Its Relationship to Tropical Wave Activity. <i>Journal of Climate</i> , 2011, 24, 5134-5156.	1.2	65
711	Observational study of cloud base height and its frequency over a tropical station, Thiruvananthapuram, using a ceilometer. <i>International Journal of Remote Sensing</i> , 2011, 32, 8505-8518.	1.3	25

#	ARTICLE	IF	CITATIONS
712	Characteristics of Precipitating Convective Systems in the Premonsoon Season of South Asia. <i>Journal of Hydrometeorology</i> , 2011, 12, 157-180.	0.7	76
713	Diagnosis of Local Land-Atmosphere Feedbacks in India. <i>Journal of Climate</i> , 2011, 24, 251-266.	1.2	44
714	A Numerical Study of the Interaction between the Large-Scale Monsoon Circulation and Orographic Precipitation over South and Southeast Asia. <i>Journal of Climate</i> , 2012, 25, 2440-2455.	1.2	34
715	The Mechanical Impact of the Tibetan Plateau on the Seasonal Evolution of the South Asian Monsoon. <i>Journal of Climate</i> , 2012, 25, 2394-2407.	1.2	65
716	A Flash-Flooding Storm at the Steep Edge of High Terrain: Disaster in the Himalayas. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 1713-1724.	1.7	106
717	Different Types of ENSO Influences on the Indian Summer Monsoon Variability. <i>Journal of Climate</i> , 2012, 25, 903-920.	1.2	60
718	Ocean Surface Impacts on the Seasonal-Mean Precipitation over the Tropical Indian Ocean. <i>Journal of Climate</i> , 2012, 25, 3566-3582.	1.2	21
719	Interannual Variability of Indian Summer Monsoon arising from Interactions between Seasonal Mean and Intraseasonal Oscillations. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 1761-1774.	0.6	29
720	Monsoon Regimes and Processes in CCSM4. Part I: The Asian-Australian Monsoon. <i>Journal of Climate</i> , 2012, 25, 2583-2608.	1.2	57
721	Moist Dynamics of Extended Monsoon Breaks over South Asia. <i>Journal of Climate</i> , 2012, 25, 3810-3831.	1.2	43
722	Impacts of Model Resolutions and Initial Conditions on Predictions of the Asian Summer Monsoon by the NCEP Climate Forecast System. <i>Weather and Forecasting</i> , 2012, 27, 629-646.	0.5	14
723	A statistically predictive model for future monsoon failure in India. <i>Environmental Research Letters</i> , 2012, 7, 044023.	2.2	44
724	Thermal Controls on the Asian Summer Monsoon. <i>Scientific Reports</i> , 2012, 2, 404.	1.6	615
725	Mid-Holocene variability of the East Asian monsoon based on bulk organic $\delta^{13}C$ and C/N records from the Pearl River estuary, southern China. <i>Holocene</i> , 2012, 22, 705-715.	0.9	46
726	The footprint of Asian monsoon dynamics in the mass and energy balance of a Tibetan glacier. <i>Cryosphere</i> , 2012, 6, 1445-1461.	1.5	154
727	Impacts of El Niño-Southern Oscillation and local sea surface temperature on moisture source in Asian-Australian monsoon region in boreal summer. <i>Aquatic Ecosystem Health and Management</i> , 2012, 15, 31-38.	0.3	5
728	Indo-Gangetic river systems, monsoon and malaria. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 2216-2239.	1.6	10
729	Evidence of ENSO mega-drought triggered collapse of prehistory Aboriginal society in northwest Australia. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	60

#	ARTICLE	IF	CITATIONS
730	Mechanisms of summer intraseasonal sea surface temperature oscillations in the Bay of Bengal. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	38
731	South China Sea throughflow impact on the Indonesian throughflow. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	191
732	Spatiotemporal variation of rainfall over the central Himalayan region revealed by TRMM Precipitation Radar. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	109
734	The dynamic plateau monsoon index and its association with general circulation anomalies. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 1249-1263.	1.9	6
735	Relationship between ENSO and winter rainfall over Southeast China and its decadal variability. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 1129-1141.	1.9	39
736	Characteristics, processes, and causes of the spatio-temporal variabilities of the East Asian monsoon system. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 910-942.	1.9	290
737	Analysis of spatial and temporal extreme monsoonal rainfall over South Asia using complex networks. <i>Climate Dynamics</i> , 2012, 39, 971-987.	1.7	220
738	Mid-Holocene monsoons: a multi-model analysis of the inter-hemispheric differences in the responses to orbital forcing and ocean feedbacks. <i>Climate Dynamics</i> , 2012, 39, 1457-1487.	1.7	102
739	Pacific Ocean sea-surface temperature variability and predictability of rainfall in the early and late parts of the Indian summer monsoon season. <i>Climate Dynamics</i> , 2012, 39, 1543-1557.	1.7	16
740	The role of the intra-daily SST variability in the Indian monsoon variability and monsoon-ENSO-â€œIOD relationships in a global coupled model. <i>Climate Dynamics</i> , 2012, 39, 729-754.	1.7	42
741	Recent change of the global monsoon precipitation (1979-â€œ2008). <i>Climate Dynamics</i> , 2012, 39, 1123-1135.	1.7	337
742	A mechanism for land-â€œocean contrasts in global monsoon trends in a warming climate. <i>Climate Dynamics</i> , 2012, 39, 1137-1147.	1.7	62
743	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
744	ENSO, IOD and Indian Summer Monsoon in NCEP climate forecast system. <i>Climate Dynamics</i> , 2012, 39, 2143-2165.	1.7	82
745	Dynamical linkage of tropical and subtropical weather systems to the intraseasonal oscillations of the Indian summer monsoon rainfall. Part I: observations. <i>Climate Dynamics</i> , 2012, 39, 557-574.	1.7	4
746	Stochastic control of Indian megadroughts and megafloods. <i>Climate Dynamics</i> , 2012, 39, 1801-1821.	1.7	5
747	Asian summer monsoon prediction in ECMWF System 4 and NCEP CFSv2 retrospective seasonal forecasts. <i>Climate Dynamics</i> , 2012, 39, 2975-2991.	1.7	93
748	Dynamical linkage of tropical and subtropical weather systems to the intraseasonal oscillations of the Indian summer monsoon rainfall. Part II: Simulations in the ENSEMBLES project. <i>Climate Dynamics</i> , 2012, 39, 1219-1239.	1.7	1

#	ARTICLE	IF	CITATIONS
749	Evaporation-precipitation variability over Indian Ocean and its assessment in NCEP Climate Forecast System (CFSv2). <i>Climate Dynamics</i> , 2012, 39, 2585-2608.	1.7	62
750	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
751	Tracking millennial-scale climate change by analysis of the modern summer precipitation in the marginal regions of the Asian monsoon. <i>Journal of Asian Earth Sciences</i> , 2012, 58, 78-87.	1.0	39
752	A continuous record of vegetation and climate change over the past 50,000years in the Fujian Province of eastern subtropical China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 365-366, 115-123.	1.0	79
753	Global Distribution of Extreme Precipitation and High-Impact Landslides in 2010 Relative to Previous Years. <i>Journal of Hydrometeorology</i> , 2012, 13, 1536-1551.	0.7	74
754	A Model Study of the Air-Sea Interaction Associated with the Climatological Aspects and Interannual Variability of the South Asian Summer Monsoon Development. <i>Journal of Climate</i> , 2012, 25, 839-857.	1.2	22
755	Asian summer monsoonal variations during the Holocene revealed by Huguangyan maar lake sediment record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 323-325, 13-21.	1.0	74
756	Late Quaternary linkage of sedimentary records to three astronomical rhythms and the Asian monsoon, inferred from a coastal borehole in the south Bohai Sea, China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 329-330, 101-117.	1.0	67
757	The Interannual Variability of Summer Upper-Tropospheric Temperature over East Asia. <i>Journal of Climate</i> , 2012, 25, 6539-6553.	1.2	25
758	Global patterns of loss of life from landslides. <i>Geology</i> , 2012, 40, 927-930.	2.0	999
759	Eocene monsoons. <i>Journal of Asian Earth Sciences</i> , 2012, 44, 3-23.	1.0	155
760	The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. <i>Earth and Planetary Science Letters</i> , 2012, 335-336, 135-144.	1.8	171
761	Possible changes in the characteristics of Indian Summer Monsoon under warmer climate. <i>Global and Planetary Change</i> , 2012, 92-93, 17-29.	1.6	14
762	Evaluation of monsoon seasonality and the tropospheric biennial oscillation transitions in the CMIP models. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	12
763	Linkage between Seasonal Insolation Gradient in the Tropical Northern Hemisphere and the Sea Surface Salinity of the Equatorial Indian Ocean during the Last Glacial Period. <i>Acta Geologica Sinica</i> , 2012, 86, 1265-1275.	0.8	14
764	Influence of Atlantic meridional overturning circulation on the East Asian winter monsoon. <i>Nature Geoscience</i> , 2012, 5, 46-49.	5.4	417
765	Radionuclide Behaviour and Transport in the Tropical Atmospheric Environment. <i>Radioactivity in the Environment</i> , 2012, , 59-91.	0.2	1
766	Interannual variability of H ₂ ¹⁸ O in precipitation over the Asian monsoon region. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	52

#	ARTICLE	IF	CITATIONS
767	Information-based potential predictability of the Asian summer monsoon in a coupled model. Journal of Geophysical Research, 2012, 117, .	3.3	20
768	Late Miocene upward and outward growth of eastern Tibet and decreasing monsoon rainfall over the northwestern Indian subcontinent since ~410 Ma. Geophysical Research Letters, 2012, 39, .	1.5	39
769	Amplitude and timing of the Laschamp geomagnetic dipole low from the global atmospheric ¹⁰ Be overproduction: Contribution of authigenic ¹⁰ Be/ ⁹ Be ratios in west equatorial Pacific sediments. Journal of Geophysical Research, 2012, 117, .	3.3	40
770	Regional climate model applications on sub-regional scales over the Indian monsoon region: The role of domain size on downscaling uncertainty. Journal of Geophysical Research, 2012, 117, .	3.3	52
772	Weather Prediction Models. , 2012, , 89-114.		2
773	Monsoon Systems, Modeling of. , 2012, , 303-329.		0
774	Diurnal variations of summer precipitation over the Asian monsoon region as revealed by TRMM satellite data. Science China Earth Sciences, 2012, 55, 554-566.	2.3	41
775	Climate change and the South Asian summer monsoon. Nature Climate Change, 2012, 2, 587-595.	8.1	800
776	Role of Thermal Condition over Asia in the Weakening Asian Summer Monsoon under Global Warming Background. Journal of Climate, 2012, 25, 3431-3436.	1.2	42
777	Monsoonal response to mid-holocene orbital forcing in a high resolution GCM. Climate of the Past, 2012, 8, 723-740.	1.3	70
778	Spatial and Temporal Variability of Sea Surface Temperature in the Yellow Sea and East China Sea over the Past 141 Years. , 0, , .		6
779	A conceptual model for self-sustained active-break Indian summer monsoon. Geophysical Research Letters, 2012, 39, .	1.5	13
780	A critical humidity threshold for monsoon transitions. Climate of the Past, 2012, 8, 535-544.	1.3	25
781	Variability of the thermal structure of the atmosphere during wet and dry spells over southeast India. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 1839-1851.	1.0	23
782	A neurocomputing approach to predict monsoon rainfall in monthly scale using SST anomaly as a predictor. Acta Geophysica, 2012, 60, 260-279.	1.0	34
783	Pacific coral oxygen isotope and the tropospheric temperature gradient over the Asian monsoon region: a tool to reconstruct past Indian summer monsoon rainfall. Journal of Quaternary Science, 2012, 27, 269-278.	1.1	15
784	Variability in the East Asian Monsoon: a review. Meteorological Applications, 2012, 19, 200-215.	0.9	130
785	Northeast monsoon over India: variability and prediction. Meteorological Applications, 2012, 19, 226-236.	0.9	145

#	ARTICLE	IF	CITATIONS
786	Observational and modeling studies of impacts of the South China Sea monsoon on the monsoon rainfall in the middle-lower reaches of the Yangtze River during summer. <i>Journal of Meteorological Research</i> , 2012, 26, 176-188.	1.0	5
787	Observed impact of the South Asian summer monsoon on the local meteorology in the Himalayas. <i>Journal of Meteorological Research</i> , 2012, 26, 205-215.	1.0	13
788	Exploring the climate problems of Brazil's Nordeste: a review. <i>Climatic Change</i> , 2012, 112, 243-251.	1.7	119
789	Multi-year variability or unidirectional trends? Mapping long-term precipitation and temperature changes in continental Southeast Asia using PRECIS regional climate model. <i>Climatic Change</i> , 2012, 113, 285-299.	1.7	50
790	Moisture transport over the Arabian Sea associated with summer rainfall over Pakistan in 1994 and 2002. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 501-508.	1.9	38
791	A possible cause for different diurnal variations of warm season rainfall as shown in station observations and TRMM 3B42 data over the southeastern Tibetan plateau. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 193-200.	1.9	52
792	Processes of 30-90 days sea surface temperature variability in the northern Indian Ocean during boreal summer. <i>Climate Dynamics</i> , 2012, 38, 1901-1916.	1.7	69
793	Robustness of SST teleconnections and precursory patterns associated with the Indian summer monsoon. <i>Climate Dynamics</i> , 2012, 38, 2143-2165.	1.7	39
794	Mixed layer heat budget of the El Niño in NCEP climate forecast system. <i>Climate Dynamics</i> , 2012, 39, 365-381.	1.7	25
795	Bimodal representation of the tropical intraseasonal oscillation. <i>Climate Dynamics</i> , 2012, 38, 1989-2000.	1.7	223
796	Impact of the modulated annual cycle and intraseasonal oscillation on daily-to-interannual rainfall variability across monsoonal India. <i>Climate Dynamics</i> , 2012, 38, 2409-2435.	1.7	35
797	Assessment of Indian summer monsoon simulation by Community Atmosphere Model (CAM3). <i>Theoretical and Applied Climatology</i> , 2012, 109, 81-94.	1.3	6
798	Ensemble empirical mode decomposition for tree-ring climate reconstructions. <i>Theoretical and Applied Climatology</i> , 2012, 109, 233-243.	1.3	28
799	Carbon isotope evidence of last glacial climate variations in the tropical NW Leizhou Peninsula, South China. <i>Boreas</i> , 2012, 41, 102-112.	1.2	4
800	Evidence of Atmospheric Brown Clouds Over India During the 2009 Drought Year. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012, 5, 236-241.	2.3	6
801	A summer weather index in the East Asian pressure field and associated atmospheric circulation and rainfall. <i>International Journal of Climatology</i> , 2012, 32, 375-386.	1.5	4
802	A framework for the evaluation of the South Asian summer monsoon in a regional climate model applied to REMO. <i>International Journal of Climatology</i> , 2012, 32, 430-440.	1.5	43
803	Skill of monthly rainfall forecasts over India using multi-model ensemble schemes. <i>International Journal of Climatology</i> , 2012, 32, 1271-1286.	1.5	47

#	ARTICLE	IF	CITATIONS
804	Decadal variability in springtime snow over Eurasia: Relation with circulation and possible influence on springtime rainfall over China. <i>International Journal of Climatology</i> , 2012, 32, 1336-1345.	1.5	67
805	The tropospheric biennial oscillation in the East Asian monsoon region and its influence on the precipitation in China and large-scale atmospheric circulation in East Asia. <i>International Journal of Climatology</i> , 2012, 32, 1697-1716.	1.5	16
806	Evaluation of the DEMETER performance for seasonal hindcasts of the Indian summer monsoon rainfall. <i>International Journal of Climatology</i> , 2012, 32, 1717-1729.	1.5	7
807	Association of the Indian summer monsoon rainfall variability with the geophysical parameters over the Arctic region. <i>International Journal of Climatology</i> , 2012, 32, 2042-2050.	1.5	13
808	Climate change, the monsoon, and rice yield in India. <i>Climatic Change</i> , 2012, 111, 411-424.	1.7	244
809	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
810	Air–sea interaction and formation of the Asian summer monsoon onset vortex over the Bay of Bengal. <i>Climate Dynamics</i> , 2012, 38, 261-279.	1.7	64
811	Model biases in long coupled runs of NCEP CFS in the context of Indian summer monsoon. <i>International Journal of Climatology</i> , 2013, 33, 1057-1069.	1.5	53
812	SST–convection relation over tropical oceans. <i>International Journal of Climatology</i> , 2013, 33, 1424-1435.	1.5	51
813	Seasonal prediction of the Indian summer monsoon rainfall using canonical correlation analysis of the NCMRWF global model products. <i>International Journal of Climatology</i> , 2013, 33, 1601-1614.	1.5	28
814	Wet and dry years of Indian summer monsoon and its relation with Indo-Pacific sea surface temperatures. <i>International Journal of Climatology</i> , 2013, 33, 1761-1771.	1.5	36
815	Kharif foodgrain yield and daily summer monsoon precipitation over India. <i>International Journal of Climatology</i> , 2013, 33, 1978-1986.	1.5	27
816	Interannual variability of moisture source over southern Indian Ocean during boreal summer and its relationship with local SST. <i>International Journal of Climatology</i> , 2013, 33, 556-567.	1.5	4
817	A 16-ka lake-level record inferred from macrofossils in a sediment core from Genggahai Lake, northeastern Qinghai–Tibetan Plateau (China). <i>Journal of Paleolimnology</i> , 2013, 49, 575-590.	0.8	70
818	The Development of a Statistical Forecast Model for Changma. <i>Weather and Forecasting</i> , 2013, 28, 1304-1321.	0.5	30
819	Signature of a southern hemisphere extratropical influence on the summer monsoon over India. <i>Climate Dynamics</i> , 2013, 41, 367-379.	1.7	14
820	Tropical Stationary Wave Response to ENSO: Diabatic Heating Influence on the Indian Summer Monsoon. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 193-222.	0.6	12
821	Variability of the southwest monsoon since the last 25 000 years and their possible causes: Role of Northern Hemisphere versus Tibetan Plateau. <i>Journal of Earth Science (Wuhan, China)</i> , 2013, 24, 428-436.	1.1	2

#	ARTICLE	IF	CITATIONS
822	Dominant impact of South Asian low heat on summer monsoon rainfall over Central India. <i>Arabian Journal of Geosciences</i> , 2013, 6, 2001-2008.	0.6	4
823	Strong interannual variation of the Indian summer monsoon in the Late Miocene. <i>Climate Dynamics</i> , 2013, 41, 135-153.	1.7	9
824	A self-organizing map-based ensemble forecast system for extended range prediction of active/break cycles of Indian summer monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9022-9034.	1.2	35
825	Analysis of Paleoclimate Records for Understanding the Tropical Hydrologic Cycle in Abrupt Climate Change. , 2013, , 127-139.		3
826	Role of ocean-atmosphere interaction on northward propagation of Indian summer monsoon intra-seasonal oscillations (MISO). <i>Climate Dynamics</i> , 2013, 41, 1651-1669.	1.7	106
827	The role of land-surface processes in modulating the Indian monsoon annual cycle. <i>Climate Dynamics</i> , 2013, 41, 2497-2509.	1.7	22
828	The Asian summer monsoon: an intercomparison of CMIP5 vs. CMIP3 simulations of the late 20th century. <i>Climate Dynamics</i> , 2013, 41, 2711-2744.	1.7	657
829	Long-term variability in the date of monsoon onset over western India. <i>Climate Dynamics</i> , 2013, 40, 2589-2603.	1.7	24
830	Spatial variability of Holocene changes in the annual precipitation pattern: a model-data synthesis for the Asian monsoon region. <i>Climate Dynamics</i> , 2013, 40, 2919-2936.	1.7	37
831	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
832	Asynchronous responses of East Asian and Indian summer monsoons to mountain uplift shown by regional climate modelling experiments. <i>Climate Dynamics</i> , 2013, 40, 1531-1549.	1.7	95
833	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
834	The relative roles of upper and lower tropospheric thermal contrasts and tropical influences in driving Asian summer monsoons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 7024-7045.	1.2	107
835	Influence of Madden-Julian Oscillation on water budget transported by the Somali low-level jet and the associated Indian summer monsoon rainfall. <i>Water Resources Research</i> , 2013, 49, 6474-6485.	1.7	12
836	Sensitivity study on the role of Western Ghats in simulating the Asian summer monsoon characteristics. <i>Meteorology and Atmospheric Physics</i> , 2013, 120, 53-60.	0.9	28
837	Seasonal prediction of Indian summer monsoon in NCEP coupled and uncoupled model. <i>Theoretical and Applied Climatology</i> , 2013, 114, 459-477.	1.3	32
838	An assessment of cumulus parameterization schemes in the short range prediction of rainfall during the onset phase of the Indian Southwest Monsoon using MM5 Model. <i>Atmospheric Research</i> , 2013, 120-121, 249-267.	1.8	9
839	Global warming and South Indian monsoon rainfall—lessons from the Mid-Miocene. <i>Gondwana Research</i> , 2013, 23, 1172-1177.	3.0	38

#	ARTICLE	IF	CITATIONS
840	Plenty of water, not enough strategy. <i>Environmental Science and Policy</i> , 2013, 33, 388-394.	2.4	49
841	CloudSatâ€“CALIPSO characterizations of cloud during the active and the break periods of Indian summer monsoon. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2013, 97, 106-114.	0.6	14
842	Spatiotemporal drought variability for central and eastern Asia over the past seven centuries derived from tree-ring based reconstructions. <i>Quaternary International</i> , 2013, 283, 107-116.	0.7	24
843	A 400-year record of hydroclimate variability and local ENSO history in northern Southeast Asia inferred from tree-ring $\delta^{18}O$. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 588-598.	1.0	74
844	A 500,000 year record of Indian summer monsoon dynamics recorded by eastern equatorial Indian Ocean upper water-column structure. <i>Quaternary Science Reviews</i> , 2013, 77, 167-180.	1.4	69
845	Relative impacts of insolation changes, meltwater fluxes and ice sheets on African and Asian monsoons during the Holocene. <i>Climate Dynamics</i> , 2013, 41, 2267-2286.	1.7	29
846	Oxygen isotope signatures preserved in tree ring cellulose as a proxy for Aprilâ€“September precipitation in Fujian, the subtropical region of southeast China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 12,805.	1.2	73
847	Atmospheric moisture distribution and transport over the Tibetan Plateau and the impacts of the South Asian summer monsoon. <i>Journal of Meteorological Research</i> , 2013, 27, 819-831.	1.0	19
848	Variability of the Indian Ocean SST and its possible impact on summer western North Pacific anticyclone in the NCEP Climate Forecast System. <i>Climate Dynamics</i> , 2013, 41, 2199-2212.	1.7	42
849	Upscale Effects of Deep Convection during the North American Monsoon. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 2681-2695.	0.6	21
850	Seasonal variation of landâ€“atmosphere coupling strength over the West African monsoon region in an atmospheric general circulation model. <i>Hydrological Sciences Journal</i> , 2013, 58, 1276-1286.	1.2	15
851	Different relationships between spring SST in the Indian and Pacific oceans and summer precipitation in China. <i>Journal of Meteorological Research</i> , 2013, 27, 509-520.	1.0	6
852	Role of Western Pacific Oceanic variability in the onset of the Bay of Bengal summer monsoon. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 219-234.	1.9	11
853	Real-time multivariate indices for the boreal summer intraseasonal oscillation over the Asian summer monsoon region. <i>Climate Dynamics</i> , 2013, 40, 493-509.	1.7	368
854	Interannual variability of Indian winter monsoon over the Western Himalayas. <i>Global and Planetary Change</i> , 2013, 106, 39-50.	1.6	45
855	Intensified monsoon and spatiotemporal changes in precipitation patterns in the NW Himalaya during the early-mid Holocene. <i>Quaternary International</i> , 2013, 313-314, 74-84.	0.7	34
856	Reconstructed droughts for the northeastern Tibetan Plateau since AD 1411 and its linkages to the Pacific, Indian and Atlantic Oceans. <i>Quaternary International</i> , 2013, 283, 98-106.	0.7	23
857	A Global Survey of Ocean-Atmosphere Interaction and Climate Variability. <i>Geophysical Monograph Series</i> , 0, , 1-19.	0.1	35

#	ARTICLE	IF	CITATIONS
858	Two Different Regimes of Anomalous Walker Circulation Over the Indian and Pacific Oceans Before and After the Late 1970S. Geophysical Monograph Series, 0, , 365-377.	0.1	2
859	Interannual Indian Rainfall Variability and Indian Ocean Sea Surface Temperature Anomalies. Geophysical Monograph Series, 0, , 247-259.	0.1	32
860	Role of the Indian Ocean in Regional Climate Variability. Geophysical Monograph Series, 0, , 213-246.	0.1	44
861	A study on the characteristics of temperature inversions in active and break phases of Indian summer monsoon. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 93, 11-20.	0.6	13
862	Variations in atmospheric Carbon Dioxide and its association with rainfall and vegetation over India. Atmospheric Environment, 2013, 68, 45-51.	1.9	40
863	Meteorological aspects of mud bank formation along south west coast of India. Continental Shelf Research, 2013, 65, 45-51.	0.9	11
864	Dust and temperature influences on glaciofluvial sediment deposition in southwestern Tibet during the last millennium. Global and Planetary Change, 2013, 107, 132-144.	1.6	10
865	On the association between pre-monsoon aerosol and all-India summer monsoon rainfall. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 102, 1-7.	0.6	3
866	Monsoons in a changing world: A regional perspective in a global context. Journal of Geophysical Research D: Atmospheres, 2013, 118, 3053-3065.	1.2	336
867	Sensitivity of the GCM driven summer monsoon simulations to cumulus parameterization schemes in nested RegCM3. Theoretical and Applied Climatology, 2013, 112, 285-306.	1.3	56
868	Interannual Climate Variability over the Tropical Pacific Ocean Induced by the Indian Ocean Dipole through the Indonesian Throughflow. Journal of Climate, 2013, 26, 2845-2861.	1.2	87
869	Environmental variability in the monsoon-westerlies transition zone during the last 1200 years: lake sediment analyses from central Mongolia and supra-regional synthesis. Quaternary Science Reviews, 2013, 73, 31-47.	1.4	56
870	Provenance and supply of Fe-enriched terrigenous sediments in the western equatorial Pacific and their relation to precipitation variations during the late Quaternary. Global and Planetary Change, 2013, 108, 56-71.	1.6	25
871	A Gridded Reconstruction of Warm Season Precipitation for Asia Spanning the Past Half Millennium. Journal of Climate, 2013, 26, 2192-2204.	1.2	53
872	The effect of sea level on glacial Indo-Pacific climate. Nature Geoscience, 2013, 6, 485-491.	5.4	151
873	The lightning activity associated with the dry and moist convections in the Himalayan Regions. Journal of Geophysical Research D: Atmospheres, 2013, 118, 6246-6258.	1.2	34
874	Precipitation over the past four centuries in the Dieshan Mountains as inferred from tree rings: An introduction to an HHT-based method. Global and Planetary Change, 2013, 107, 109-118.	1.6	22
875	Cracking the MJO nut. Geophysical Research Letters, 2013, 40, 1223-1230.	1.5	154

#	ARTICLE	IF	CITATIONS
876	Variability of the TRMM-PR total and convective and stratiform rain fractions over the Indian region during the summer monsoon. <i>Climate Dynamics</i> , 2013, 41, 21-44.	1.7	51
877	Intraseasonal SST-precipitation relationship and its spatial variability over the tropical summer monsoon region. <i>Climate Dynamics</i> , 2013, 41, 45-61.	1.7	105
878	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
879	Changing pattern of the Indian summer monsoon rainfall: an objective analysis. <i>Climate Dynamics</i> , 2013, 41, 195-203.	1.7	12
880	Diabatic heating profiles over the continental convergence zone during the monsoon active spells. <i>Climate Dynamics</i> , 2013, 41, 205-226.	1.7	5
881	Processes of India's offshore summer intraseasonal sea surface temperature variability. <i>Ocean Dynamics</i> , 2013, 63, 329-346.	0.9	8
882	A new regional, mid-Holocene palaeoprecipitation signal of the Asian Summer Monsoon. <i>Quaternary Science Reviews</i> , 2013, 78, 65-76.	1.4	26
883	Spatio-temporal trends in precipitation and their implications for water resources management in climate-sensitive Nepal. <i>Applied Geography</i> , 2013, 43, 138-146.	1.7	58
884	The Tibetan Plateau Summer Monsoon in the CMIP5 Simulations. <i>Journal of Climate</i> , 2013, 26, 7747-7766.	1.2	61
885	Seasonal prediction of Indian summer monsoon: Sensitivity to persistent SST. <i>Journal of Earth System Science</i> , 2013, 122, 1183-1193.	0.6	8
886	Measuring pasture degradation on the Qinghai-Tibet Plateau using hyperspectral dissimilarities and indices. , 2013, , .		2
887	Dominant Modes of Wintertime Upper-Tropospheric Temperature Variations over Asia and Links to Surface Climate. <i>Journal of Climate</i> , 2013, 26, 9043-9060.	1.2	7
888	CloudSat observations of cloud-type distribution over the Indian summer monsoon region. <i>Annales Geophysicae</i> , 2013, 31, 1155-1162.	0.6	33
889	Seasonal and annual mass balances of Mera and Pokalde glaciers (Nepal Himalaya) since 2007. <i>Cryosphere</i> , 2013, 7, 1769-1786.	1.5	149
890	Assessment of Seasonal Energy Efficiency Strategies of a Double Skin Façade in a Monsoon Climate Region. <i>Energies</i> , 2013, 6, 4352-4376.	1.6	34
891	Interannual Variability of Monsoon Precipitation and Local Subcloud Equivalent Potential Temperature. <i>Journal of Climate</i> , 2013, 26, 9507-9527.	1.2	45
892	Recent Summer Rainfall Increase and Surface Cooling over Northern Australia since the Late 1970s: A Response to Warming in the Tropical Western Pacific. <i>Journal of Climate</i> , 2013, 26, 7221-7239.	1.2	28
893	Long-Term Variations of Broad-Scale Asian Summer Monsoon Circulation and Possible Causes. <i>Journal of Climate</i> , 2013, 26, 8947-8961.	1.2	21

#	ARTICLE	IF	CITATIONS
894	Tree-ring derived millennial precipitation record for the south-central Tibetan Plateau and its possible driving mechanism. <i>Holocene</i> , 2013, 23, 36-45.	0.9	46
895	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
896	Hydrological cycle over South and Southeast Asian river basins as simulated by PCMDI/CMIP3 experiments. <i>Earth System Dynamics</i> , 2013, 4, 199-217.	2.7	65
897	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
898	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
899	May–September precipitation in the Bhutan Himalaya since 1743 as reconstructed from tree ring cellulose δ ¹⁸ O. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8399-8410.	1.2	91
900	Isomap nonlinear dimensionality reduction and bimodality of Asian monsoon convection. <i>Geophysical Research Letters</i> , 2013, 40, 1653-1658.	1.5	20
901	Simulation of boreal summer intraseasonal oscillations in the latest CMIP5 coupled GCMs. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4401-4420.	1.2	140
903	Cyclone trends constrain monsoon variability during late Oligocene sea level highstands (Kachchh). <i>Tectonophysics</i> , 2013, 560, 1-15.	1.3	15
904	Mid-Pliocene East Asian monsoon climate simulated in the PlioMIP. <i>Climate of the Past</i> , 2013, 9, 2085-2099.	1.3	60
905	20th century intraseasonal Asian monsoon dynamics viewed from Isomap. <i>Nonlinear Processes in Geophysics</i> , 2013, 20, 725-741.	0.6	13
906	Testing a Flexible Method to Reduce False Monsoon Onsets. <i>PLoS ONE</i> , 2014, 9, e104386.	1.1	7
907	Millennial minimum temperature variations in the Qilian Mountains, China: evidence from tree rings. <i>Climate of the Past</i> , 2014, 10, 1763-1778.	1.3	51
908	Rainfall Distributions in Sri Lanka in Time and Space: An Analysis Based on Daily Rainfall Data. <i>Climate</i> , 2014, 2, 242-263.	1.2	47
909	Topology and seasonal evolution of the network of extreme precipitation over the Indian subcontinent and Sri Lanka. <i>Nonlinear Processes in Geophysics</i> , 2014, 21, 901-917.	0.6	81
910	The global monsoon across timescales: coherent variability of regional monsoons. <i>Climate of the Past</i> , 2014, 10, 2007-2052.	1.3	152
911	Seasonal Prediction of Distinct Climate Anomalies in Summer 2010 over the Tropical Indian Ocean and South Asia. <i>Journal of the Meteorological Society of Japan</i> , 2014, 92, 1-16.	0.7	19
912	Evolutions of Asian Summer Monsoon in the CMIP3 and CMIP5 Models. <i>Scientific Online Letters on the Atmosphere</i> , 2014, 10, 88-92.	0.6	8

#	ARTICLE	IF	CITATIONS
913	Differences in Atmospheric Boundary-Layer Characteristics Between Wet and Dry Episodes of the Indian Summer Monsoon. <i>Boundary-Layer Meteorology</i> , 2014, 153, 217-236.	1.2	50
914	Interannual variability of Indian summer monsoon rainfall onset date at local scale. <i>International Journal of Climatology</i> , 2014, 34, 1050-1061.	1.5	44
915	Precipitation Seasonality and Variability over the Tibetan Plateau as Resolved by the High Asia Reanalysis*. <i>Journal of Climate</i> , 2014, 27, 1910-1927.	1.2	556
916	Tropical Intraseasonal Modes of the Atmosphere. <i>Annual Review of Environment and Resources</i> , 2014, 39, 189-215.	5.6	29
917	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
918	The Climatology and Interannual Variability of the East Asian Winter Monsoon in CMIP5 Models. <i>Journal of Climate</i> , 2014, 27, 1659-1678.	1.2	96
919	The Potential Roles of Background Surface Wind in the SST Variability Associated with Intraseasonal Oscillations. <i>Journal of Climate</i> , 2014, 27, 7053-7068.	1.2	4
920	Stable isotopic compositions of precipitation in China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 66, 22567.	0.8	147
921	Synoptic Preconditions for Extreme Flooding during the Summer Asian Monsoon in the Mumbai Area. <i>Journal of Hydrometeorology</i> , 2014, 15, 229-242.	0.7	4
922	Tibetan Plateau precipitation as depicted by gauge observations, reanalyses and satellite retrievals. <i>International Journal of Climatology</i> , 2014, 34, 265-285.	1.5	192
923	Holocene vegetation history, precipitation changes and Indian Summer Monsoon evolution documented from sediments of Xingyun Lake, south-west China. <i>Journal of Quaternary Science</i> , 2014, 29, 661-674.	1.1	171
924	Do CMIP5 simulations of Indian summer monsoon rainfall differ from those of CMIP3?. <i>Atmospheric Science Letters</i> , 2014, 15, 79-85.	0.8	55
925	Evolution of withdrawal features of the southwest monsoon over India. <i>International Journal of Climatology</i> , 2014, 34, 1860-1872.	1.5	11
926	A high-resolution monsoon record of millennial-scale oscillations during Late MIS 3 from Wulu Cave, south-west China. <i>Journal of Quaternary Science</i> , 2014, 29, 83-90.	1.1	31
927	Interannual Variability of East Asian Summer Monsoon Simulated by CMIP3 and CMIP5 AGCMs: Skill Dependence on Indian Ocean–Western Pacific Anticyclone Teleconnection. <i>Journal of Climate</i> , 2014, 27, 1679-1697.	1.2	183
928	Response of Rainfall and Vegetation to ENSO Events during 2001–2011 in Upper Wardha Watershed, Maharashtra, India. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, 583-592.	0.8	14
929	Comparing statistically downscaled simulations of Indian monsoon at different spatial resolutions. <i>Journal of Hydrology</i> , 2014, 519, 3163-3177.	2.3	37
930	Asian Monsoon Variability Recorded in Other Archives. <i>Developments in Paleoenvironmental Research</i> , 2014, , 145-337.	7.5	0

#	ARTICLE	IF	CITATIONS
931	Impact of Northward-Propagating Intraseasonal Variability on the Onset of Indian Summer Monsoon. <i>Journal of Climate</i> , 2014, 27, 126-139.	1.2	52
933	Intra-seasonal variability of cloud amount over the Indian subcontinent during the monsoon season as observed by TRMM precipitation radar. <i>Geofizika</i> , 2014, 31, .	0.1	7
934	The variability of the Southeast Asian summer monsoon. <i>International Journal of Climatology</i> , 2014, 34, 893-901.	1.5	43
935	Spatial patterns of moisture variations across the Tibetan Plateau during the past 700 years and their relationship with Atmospheric Oscillation modes. <i>International Journal of Climatology</i> , 2014, 34, 728-741.	1.5	8
936	Indian Summer Monsoon Rainfall Characteristics During Contrasting Monsoon Years. <i>Pure and Applied Geophysics</i> , 2014, 171, 1461-1472.	0.8	4
937	Impact of satellite-retrieved atmospheric temperature profiles assimilation on Asian summer monsoon 2010 simulation. <i>Theoretical and Applied Climatology</i> , 2014, 116, 317-326.	1.3	17
938	The upper-level circulation anomaly over Central Asia and its relationship to the Asian monsoon and mid-latitude wave train in early summer. <i>Climate Dynamics</i> , 2014, 42, 2477-2489.	1.7	20
939	The seasonal predictability of the Asian summer monsoon in a two-tiered forecast system. <i>Climate Dynamics</i> , 2014, 42, 2491-2507.	1.7	6
940	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
941	Tree-ring inferred annual mean temperature variations on the southeastern Tibetan Plateau during the last millennium and their relationships with the Atlantic Multidecadal Oscillation. <i>Climate Dynamics</i> , 2014, 43, 627-640.	1.7	86
942	Future change of Asian-Australian monsoon under RCP 4.5 anthropogenic warming scenario. <i>Climate Dynamics</i> , 2014, 42, 83-100.	1.7	119
943	ENSO representation in climate models: from CMIP3 to CMIP5. <i>Climate Dynamics</i> , 2014, 42, 1999-2018.	1.7	712
944	Modulation of Indian summer monsoon through northern and southern hemispheric extra-tropical oscillations. <i>Climate Dynamics</i> , 2014, 43, 925-938.	1.7	6
945	Cloud-aerosol coupled index in estimating the break phase of Indian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2014, 118, 447-464.	1.3	4
946	An assessment of improvements in global monsoon precipitation simulation in FGOALS-s2. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 165-178.	1.9	9
947	Winter precipitation variability over Korean Peninsula associated with ENSO. <i>Climate Dynamics</i> , 2014, 42, 3171-3186.	1.7	58
948	Seychelles coral record of changes in sea surface temperature bimodality in the western Indian Ocean from the Mid-Holocene to the present. <i>Climate Dynamics</i> , 2014, 43, 689-708.	1.7	14
949	How does the Indian Ocean subtropical dipole trigger the tropical Indian Ocean dipole via the Mascarene high?. <i>Acta Oceanologica Sinica</i> , 2014, 33, 64-76.	0.4	19

#	ARTICLE	IF	CITATIONS
950	A comparison of regional monsoon variability using monsoon indices. <i>Climate Dynamics</i> , 2014, 43, 1423-1437.	1.7	77
951	The influence of regional feedbacks on circulation sensitivity. <i>Geophysical Research Letters</i> , 2014, 41, 2212-2220.	1.5	8
952	Short-term modulation of Indian summer monsoon rainfall by West Asian dust. <i>Nature Geoscience</i> , 2014, 7, 308-313.	5.4	324
953	Observed changes in extreme wet and dry spells during the South Asian summer monsoon season. <i>Nature Climate Change</i> , 2014, 4, 456-461.	8.1	357
954	Reconstructing chemical weathering, physical erosion and monsoon intensity since 25Ma in the northern South China Sea: A review of competing proxies. <i>Earth-Science Reviews</i> , 2014, 130, 86-102.	4.0	402
955	Orbital Asian summer monsoon dynamics revealed using an isotope-enabled global climate model. <i>Nature Communications</i> , 2014, 5, 5371.	5.8	145
956	The changing characteristics of monsoon rainfall in India during 1971-2005 and links with large scale circulation. <i>International Journal of Climatology</i> , 2014, 34, 3881-3899.	1.5	26
957	Statistical analysis of Indian rainfall and rice productivity anomalies over the last decades. <i>International Journal of Climatology</i> , 2014, 34, 2378-2392.	1.5	35
958	Weakening and strengthening of the Indian monsoon during Heinrich events and Dansgaard-Oeschger oscillations. <i>Paleoceanography</i> , 2014, 29, 99-114.	3.0	98
959	Impact of climatic change on sea surface temperature variation in Subei coastal waters, East China. <i>Chinese Journal of Oceanology and Limnology</i> , 2014, 32, 1406-1413.	0.7	4
960	A 249 kyr stack of eight loess grain size records from northern China documenting millennial-scale climate variability. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 798-814.	1.0	73
961	Assessing variability of evapotranspiration over the Ganga river basin using water balance computations. <i>Water Resources Research</i> , 2014, 50, 2551-2565.	1.7	40
962	Changes of the tropical Pacific Walker circulation simulated by two versions of FGOALS model. <i>Science China Earth Sciences</i> , 2014, 57, 2165-2180.	2.3	5
963	Impact of monsoon rainfall on the total foodgrain yield over India. <i>Journal of Earth System Science</i> , 2014, 123, 1129-1145.	0.6	107
964	CMIP5/AMIP GCM simulations of East Asian summer monsoon. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 836-850.	1.9	30
965	The summer snow cover anomaly over the Tibetan Plateau and its association with simultaneous precipitation over the mei-yu-baiu region. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 755-764.	1.9	45
966	Role of interaction between dynamics, thermodynamics and cloud microphysics on summer monsoon precipitating clouds over the Myanmar Coast and the Western Ghats. <i>Climate Dynamics</i> , 2014, 43, 911-924.	1.7	98
967	The use of fractional accumulated precipitation for the evaluation of the annual cycle of monsoons. <i>Climate Dynamics</i> , 2014, 43, 3219-3244.	1.7	30

#	ARTICLE	IF	CITATIONS
968	The influence of stochasticism on Indian summer monsoon rainfall and its impact on prediction. <i>Climate Dynamics</i> , 2014, 42, 2271-2285.	1.7	5
969	Uncertainty in land surface temperature simulation over China by CMIP3/CMIP5 models. <i>Theoretical and Applied Climatology</i> , 2014, 117, 463-474.	1.3	23
970	Trends and extreme value analysis of rainfall pattern over homogeneous monsoon regions of India. <i>Natural Hazards</i> , 2014, 73, 1003-1017.	1.6	10
971	Regional moisture change over India during the past Millennium: A comparison of multi-proxy reconstructions and climate model simulations. <i>Global and Planetary Change</i> , 2014, 122, 176-185.	1.6	38
972	Organic-geochemical proxies of sea surface temperature in surface sediments of the tropical eastern Indian Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 88, 17-29.	0.6	25
973	Synchronous or asynchronous Holocene Indian and East Asian summer monsoon evolution: A synthesis on Holocene Asian summer monsoon simulations, records and modern monsoon indices. <i>Global and Planetary Change</i> , 2014, 116, 30-40.	1.6	51
974	Decoupling of the East Asian summer monsoon and Indian summer monsoon between 20 and 17 ka. <i>Quaternary Research</i> , 2014, 82, 146-153.	1.0	17
975	Mid- to Late-Holocene Australianâ€“Indonesian summer monsoon variability. <i>Quaternary Science Reviews</i> , 2014, 93, 142-154.	1.4	39
976	Global-Scale Atmospheric Change with the Tibetan Plateau Uplift in a Coupled Climate Model (CESM). <i>Advanced Materials Research</i> , 2014, 962-965, 1392-1399.	0.3	0
977	Reproduction of climate for the mid-Holocene over the Korean Peninsula using a high-resolution numerical model. <i>Quaternary International</i> , 2014, 344, 86-96.	0.7	0
978	Abrupt variations of Indian and East Asian summer monsoons during the last deglacial stadial and interstadial. <i>Quaternary Science Reviews</i> , 2014, 97, 58-70.	1.4	39
979	Combining regional moist static energy and ENSO for forecasting of early and late season Indian monsoon rainfall and its extremes. <i>Geophysical Research Letters</i> , 2014, 41, 4323-4331.	1.5	27
980	Paradox in South Asian summer monsoon circulation change: Lower tropospheric strengthening and upper tropospheric weakening. <i>Geophysical Research Letters</i> , 2014, 41, 2934-2940.	1.5	35
981	How much does heat content of the western tropical Pacific Ocean modulate the South China Sea summer monsoon onset in the last four decades?. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4029-4044.	1.0	25
982	Impacts of the East Asian summer monsoon on interannual variations of summertime surface-layer ozone concentrations over China. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6867-6879.	1.9	102
983	ONSET OF THE ASIAN SUMMER MONSOON AND LAND-ATMOSPHERE INTERACTION OVER THE INDOCHINA PENINSULA. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014, 70, I_295-I_300.	0.0	0
984	An important mechanism sustaining the atmospheric "water tower" over the Tibetan Plateau. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 11287-11295.	1.9	97
985	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

#	ARTICLE	IF	CITATIONS
986	Moist dynamics of active/break cycle of Indian summer monsoon rainfall from NCEPR2 and MERRA reanalysis. <i>International Journal of Climatology</i> , 2014, 34, 1429-1444.	1.5	23
987	Improved simulation of Indian summer monsoon in latest <scp>NCEP</scp> climate forecast system free run. <i>International Journal of Climatology</i> , 2014, 34, 1628-1641.	1.5	100
988	Precipitation variability over UAE and global SST teleconnections. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 10,313.	1.2	57
989	Interannual variability of surface air temperature over India: impact of <scp>ENSO</scp> and Indian Ocean Sea surface temperature. <i>International Journal of Climatology</i> , 2014, 34, 416-429.	1.5	43
990	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
991	Relating Granger causality to long-term causal effects. <i>Physical Review E</i> , 2015, 92, 042138.	0.8	17
992	Northern East Asian Monsoon Precipitation Revealed by Airmass Variability and Its Prediction. <i>Journal of Climate</i> , 2015, 28, 6221-6233.	1.2	39
993	Subseasonal variations in spatial signatures of ENSO on the Indian summer monsoon from 1901 to 2009. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8165-8185.	1.2	31
994	Predicting the Cloud Patterns for the Boreal Summer Intraseasonal Oscillation Through a Low-Order Stochastic Model. <i>Mathematics of Climate and Weather Forecasting</i> , 2015, 1, .	0.8	10
995	Seasonality of westerly moisture transport in the East Asian summer monsoon and its implications for interpreting precipitation \hat{I}^{18} . <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 5850-5862.	1.2	95
996	An Indian Ocean precursor for Indian summer monsoon rainfall variability. <i>Geophysical Research Letters</i> , 2015, 42, 9345-9354.	1.5	15
997	Vertical structure of cumulonimbus towers and intense convective clouds over the South Asian region during the summer monsoon season. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 1710-1722.	1.2	56
998	Analysis of monsoon rainfall variability over Narmada basin in central India: Implication of climate change. <i>Journal of Water and Climate Change</i> , 2015, 6, 615-627.	1.2	37
999	Tropospheric temperature gradient and its relation to the South and East Asian precipitation variability. <i>Meteorology and Atmospheric Physics</i> , 2015, 127, 579-585.	0.9	16
1001	Subseasonal variations of Indian summer monsoon with special emphasis on drought and excess rainfall years. <i>International Journal of Climatology</i> , 2015, 35, 570-582.	1.5	24
1002	Tempo and mode of climatic niche evolution in Primates. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2496-2506.	1.1	20
1003	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
1004	The Tokar Gap Jet: Regional Circulation, Diurnal Variability, and Moisture Transport Based on Numerical Simulations. <i>Journal of Climate</i> , 2015, 28, 5885-5907.	1.2	25

#	ARTICLE	IF	CITATIONS
1005	The South China Sea Monsoon Experiment's Boundary Layer Height (SCSMEX-BLH): Experimental Design and Preliminary Results. <i>Monthly Weather Review</i> , 2015, 143, 5035-5053.	0.5	7
1006	Asymmetry in space-time characteristics of Indian summer monsoon intraseasonal oscillations during extreme years: Role of seasonal mean state. <i>International Journal of Climatology</i> , 2015, 35, 1948-1963.	1.5	22
1007	Influences of ENSO, NAO, IOD and PDO on seasonal precipitation regimes in the Yangtze River basin, China. <i>International Journal of Climatology</i> , 2015, 35, 3556-3567.	1.5	219
1008	Unraveling the missing link of ENSO control over the Indian monsoon rainfall. <i>Geophysical Research Letters</i> , 2015, 42, 8201-8207.	1.5	36
1009	Impact of different Asian source regions on the composition of the Asian monsoon anticyclone and of the extratropical lowermost stratosphere. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 13699-13716.	1.9	75
1010	The observed impacts of South Asian summer monsoon on the local atmosphere and the near-surface turbulent heat exchange over the Southeast Tibet. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 11,509.	1.2	14
1011	The vertical structure of cloud radiative heating over the Indian subcontinent during summer monsoon. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11557-11570.	1.9	17
1012	A dipole-like SST trend in the Somali region during the monsoon season. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 597-607.	1.0	16
1013	The possible influence of tropical Pacific subsurface temperature anomalies on summer precipitation in eastern China. <i>International Journal of Climatology</i> , 2015, 35, 2441-2450.	1.5	7
1014	Observed changes in southwest monsoon rainfall over India during 1901-2011. <i>International Journal of Climatology</i> , 2015, 35, 1881-1898.	1.5	128
1015	Influence of extratropical sea-surface temperature on the Indian summer monsoon: an unexplored source of seasonal predictability. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 2760-2775.	1.0	45
1016	Stationary Eddies and the Zonal Asymmetry of Net Precipitation and Ocean Freshwater Forcing. <i>Journal of Climate</i> , 2015, 28, 5115-5133.	1.2	29
1017	Sensitivity of the mean and variability of Indian summer monsoon to land-atmosphere feedbacks. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9437-9458.	1.2	43
1018	Impact of revised cloud microphysical scheme in CFSv2 on the simulation of the Indian summer monsoon. <i>International Journal of Climatology</i> , 2015, 35, 4738-4755.	1.5	40
1019	A 12-year high-resolution climatology of atmospheric water transport over the Tibetan Plateau. <i>Earth System Dynamics</i> , 2015, 6, 109-124.	2.7	147
1020	TROPICAL METEOROLOGY AND CLIMATE Monsoon. , 2015, , 165-169.		0
1021	TROPICAL METEOROLOGY AND CLIMATE Monsoon. , 2015, , 146-150.		0
1022	TROPICAL METEOROLOGY AND CLIMATE Monsoon. , 2015, , 151-164.		3

#	ARTICLE	IF	CITATIONS
1023	TROPICAL METEOROLOGY AND CLIMATE Tropical Climates. , 2015, , 170-176.		4
1024	Simulating the Daily Evolution of West African Monsoon Using High Resolution Regional Cosmo-model: A Case Study of the First Half of 2015 over Nigeria. Journal of Climatology & Weather Forecasting, 2015, 03, .	0.2	5
1025	Simulation of the Indian summer monsoon onset-phase rainfall using a regional model. Annales Geophysicae, 2015, 33, 1097-1115.	0.6	19
1026	Rainfall: Features and Variations over Saudi Arabia, A Review. Climate, 2015, 3, 578-626.	1.2	119
1027	Linear and Non-Linear Approaches for Statistical Seasonal Rainfall Forecast in the Sirba Watershed Region (SAHEL). Climate, 2015, 3, 727-752.	1.2	14
1028	Drought Monitoring for Rice Production in Cambodia. Climate, 2015, 3, 792-811.	1.2	28
1029	East Asian Monsoon controls on the inter-annual variability in precipitation isotope ratio in Japan. Climate of the Past, 2015, 11, 339-353.	1.3	28
1030	Variability of summer humidity during the past 800 years on the eastern Tibetan Plateau inferred from $\delta^{18}O$ of tree-ring cellulose. Climate of the Past, 2015, 11, 327-337.	1.3	62
1031	Meridional Propagation of the 30- to 60-day Variability of Precipitation in the East Asian Subtropical Summer Monsoon Region: Monitoring and Prediction. Atmosphere - Ocean, 2015, 53, 251-263.	0.6	2
1032	Rethinking Indian monsoon rainfall prediction in the context of recent global warming. Nature Communications, 2015, 6, 7154.	5.8	165
1033	Prediction of Indian Summer Monsoon Onset Using Dynamical Subseasonal Forecasts: Effects of Realistic Initialization of the Atmosphere. Monthly Weather Review, 2015, 143, 778-793.	0.5	40
1034	Shamals and climate variability in the Northern Arabian/Persian Gulf from 1973 to 2012. International Journal of Climatology, 2015, 35, 4509-4528.	1.5	136
1035	Asian summer monsoon onset barrier and its formation mechanism. Climate Dynamics, 2015, 45, 711-726.	1.7	53
1036	Changes in precipitation extremes in Southeastern Tibet, China. Quaternary International, 2015, 380-381, 49-59.	0.7	26
1037	The Holocene environmental changes in southern Indonesia reconstructed from highland caldera lake sediment in Bali Island. Quaternary International, 2015, 374, 15-33.	0.7	5
1038	An objective criterion for the identification of breaks in Indian summer monsoon rainfall. Atmospheric Science Letters, 2015, 16, 193-198.	0.8	5
1039	Phase relation between $\langle \text{CAPE} \rangle$ and precipitation at diurnal scales over the Indian summer monsoon region. Atmospheric Science Letters, 2015, 16, 346-354.	0.8	15
1040	Multi-Decadal Variability in Indian Summer Monsoon Rainfall Using Proxy Data. World Scientific Series on Asia-Pacific Weather and Climate, 2015, , 327-345.	0.2	17

#	ARTICLE	IF	CITATIONS
1041	Hydrological and ecosystem response to abrupt changes in the Indian monsoon during the last glacial, as recorded by sediments from Xingyun Lake, Yunnan, China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 421, 15-23.	1.0	31
1042	Radiative effect of dust aerosols on cloud microphysics and meso-scale dynamics during monsoon breaks over Arabian sea. <i>Atmospheric Environment</i> , 2015, 105, 22-31.	1.9	17
1043	A 3000-yr Annually Laminated Stalagmite Record of the Last Glacial Maximum from Hulu Cave, China. <i>Quaternary Research</i> , 2015, 83, 360-369.	1.0	27
1044	From MONEX to the global monsoon: A review of monsoon system research. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 10-31.	1.9	56
1045	Trends and oscillations in the Indian summer monsoon rainfall over the last two millennia. <i>Nature Communications</i> , 2015, 6, 6309.	5.8	177
1046	The impact of revised simplified Arakawa's Schubert convection parameterization scheme in CFSv2 on the simulation of the Indian summer monsoon. <i>Climate Dynamics</i> , 2015, 45, 881-902.	1.7	26
1047	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
1048	Sensitivity of Initial Conditions on Diurnal Variability of Indian Summer Monsoon. <i>Pure and Applied Geophysics</i> , 2015, 172, 2777-2790.	0.8	1
1049	Spatial and temporal variation characteristics of ocean waves in the South China Sea during the boreal winter. <i>Acta Oceanologica Sinica</i> , 2015, 34, 23-28.	0.4	8
1050	Interannual Variability in the Large-Scale Dynamics of the South Asian Summer Monsoon. <i>Journal of Climate</i> , 2015, 28, 3731-3750.	1.2	39
1051	A case study of the impact of boreal summer intraseasonal oscillations on Yangtze rainfall. <i>Climate Dynamics</i> , 2015, 44, 2683-2702.	1.7	47
1052	Observed changes of global and western Pacific precipitation associated with global warming SST mode and mega-ENSO SST mode. <i>Climate Dynamics</i> , 2015, 45, 3067-3075.	1.7	22
1053	Dominating Controls for Wetter South Asian Summer Monsoon in the Twenty-First Century. <i>Journal of Climate</i> , 2015, 28, 3400-3419.	1.2	34
1054	Evidence for solar cycles in a late Holocene speleothem record from Dongge Cave, China. <i>Scientific Reports</i> , 2014, 4, 5159.	1.6	47
1055	Global warming and the weakening of the Asian summer monsoon circulation: assessments from the CMIP5 models. <i>Climate Dynamics</i> , 2015, 45, 233-252.	1.7	81
1056	Assessment of the Indian summer monsoon in the WRF regional climate model. <i>Climate Dynamics</i> , 2015, 44, 3077-3100.	1.7	56
1057	Bimodality and regime behavior in atmosphere-ocean interactions during the recent climate change. <i>Dynamics of Atmospheres and Oceans</i> , 2015, 70, 1-11.	0.7	6
1058	Late Holocene Indian summer monsoon precipitation history at Lake Lugu, northwestern Yunnan Province, southwestern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 438, 24-33.	1.0	42

#	ARTICLE	IF	CITATIONS
1059	Complementing Scientific Monsoon Definitions with Social Perception in Bangladesh. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 49-57.	1.7	24
1060	Observation- and numerical-analysis-based dynamics of the Uttarkashi cloudburst. <i>Annales Geophysicae</i> , 2015, 33, 671-686.	0.6	20
1061	Reconciliation of hydroclimate sequences from the Chinese Loess Plateau and low-latitude East Asian Summer Monsoon regions over the past 14,500years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 127-135.	1.0	82
1062	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
1063	Decadal-resolution record of winter monsoon intensity over the last two millennia from planktic foraminiferal assemblages in the northeastern Arabian Sea. <i>Holocene</i> , 2015, 25, 1756-1771.	0.9	25
1064	Role of Tropical Cyclones along the Monsoon Trough in the 2011 Thai Flood and Interannual Variability. <i>Journal of Climate</i> , 2015, 28, 1465-1476.	1.2	50
1065	A hydroclimate regime shift around 270ka in the western tropical Pacific inferred from a late Quaternary n-alkane chain-length record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 427, 79-88.	1.0	12
1066	Astronomical and glacial forcing of East Asian summer monsoon variability. <i>Quaternary Science Reviews</i> , 2015, 115, 132-142.	1.4	141
1067	Asian summer monsoon onset in simulations and CMIP5 projections using four Chinese climate models. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 794-806.	1.9	28
1068	Influences of ENSO on the vertical coupling of atmospheric circulation during the onset of South Asian summer monsoon. <i>Climate Dynamics</i> , 2015, 45, 1859-1875.	1.7	38
1069	Role of vertical structure of cloud microphysical properties on cloud radiative forcing over the Asian monsoon region. <i>Climate Dynamics</i> , 2015, 45, 3331-3345.	1.7	22
1070	Western Disturbances: A review. <i>Reviews of Geophysics</i> , 2015, 53, 225-246.	9.0	307
1071	Estimation of Improvement in Indian Summer Monsoon Circulation by Assimilation of Satellite Retrieved Temperature Profiles in WRF Model. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 1591-1600.	2.3	11
1072	Small mammal tooth enamel carbon isotope record of C4 grasses in late Neogene China. <i>Global and Planetary Change</i> , 2015, 133, 288-297.	1.6	4
1073	Differences in Late Quaternary primary productivity between the western tropical Pacific and the South China Sea: Evidence from coccoliths. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 122, 131-141.	0.6	13
1074	The Madden-Julian Oscillation's Influence on Spring Rainy Season Precipitation over Equatorial West Africa*. <i>Journal of Climate</i> , 2015, 28, 8653-8672.	1.2	31
1075	A comparative study on the dominant factors responsible for the weaker-than-expected El Niño event in 2014. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1381-1390.	1.9	8
1076	Biogeochemistry of iron in the Arabian Sea. <i>Limnology and Oceanography</i> , 2015, 60, 1671-1688.	1.6	38

#	ARTICLE	IF	CITATIONS
1077	Identifying causal gateways and mediators in complex spatio-temporal systems. <i>Nature Communications</i> , 2015, 6, 8502.	5.8	207
1078	Warming-induced northwestward migration of the East Asian monsoon rain belt from the Last Glacial Maximum to the mid-Holocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13178-13183.	3.3	221
1079	Indian monsoon variations during three contrasting climatic periods: The Holocene, Heinrich Stadial 2 and the last interglacial-glacial transition. <i>Quaternary Science Reviews</i> , 2015, 125, 50-60.	1.4	43
1080	Effects of mountain uplift on global monsoon precipitation. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2015, 51, 275-290.	1.3	17
1081	Teleconnections in Climate Networks: A Network-of-Networks Approach to Investigate the Influence of Sea Surface Temperature Variability on Monsoon Systems. , 2015, , 23-33.		8
1082	Decreasing intensity of monsoon low-frequency intraseasonal variability over India. <i>Environmental Research Letters</i> , 2015, 10, 054018.	2.2	29
1083	The Response of the South Asian Summer Monsoon to Temporal and Spatial Variations in Absorbing Aerosol Radiative Forcing. <i>Journal of Climate</i> , 2015, 28, 6626-6646.	1.2	10
1084	The concept of global monsoon applied to the last glacial maximum: A multi-model analysis. <i>Quaternary Science Reviews</i> , 2015, 126, 126-139.	1.4	32
1085	Water budget on the Dudh Koshi River (Nepal): Uncertainties on precipitation. <i>Journal of Hydrology</i> , 2015, 531, 850-862.	2.3	31
1086	Performance of August-September Indian monsoon rainfall when June-July rainfall is reported as being in deficit/excess. <i>Meteorology and Atmospheric Physics</i> , 2015, 127, 147-161.	0.9	3
1087	A Holocene East Asian winter monsoon record at the southern edge of the Gobi Desert and its comparison with a transient simulation. <i>Climate Dynamics</i> , 2015, 45, 1219-1234.	1.7	51
1088	Tibetan Plateau climate dynamics: recent research progress and outlook. <i>National Science Review</i> , 2015, 2, 100-116.	4.6	342
1089	Onset, advance and withdrawal of southwest monsoon over Indian subcontinent: A study from precipitable water measurement using ground based GPS receivers. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2015, 122, 45-57.	0.6	15
1090	Mid-Holocene global monsoon area and precipitation from PMIP simulations. <i>Climate Dynamics</i> , 2015, 44, 2493-2512.	1.7	36
1091	A Study on the Influence of the Land Surface Processes on the Southwest Monsoon Simulations using a Regional Climate Model. <i>Pure and Applied Geophysics</i> , 2015, 172, 2791-2811.	0.8	14
1092	Global Monsoon Dynamics and Climate Change. <i>Annual Review of Earth and Planetary Sciences</i> , 2015, 43, 29-77.	4.6	331
1093	Assessing reliability of regional climate projections: the case of Indian monsoon. <i>Scientific Reports</i> , 2014, 4, 4071.	1.6	68
1094	Multiscale analysis of three consecutive years of anomalous flooding in Pakistan. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 1259-1276.	1.0	62

#	ARTICLE	IF	CITATIONS
1095	Oceanic factors controlling the Indian summer monsoon onset in a coupled model. <i>Climate Dynamics</i> , 2015, 44, 977-1002.	1.7	38
1096	Analysis of unusual meteorological conditions that led to recent floods in Bhagirathi basin (Uttarakhand Himalayas). <i>Hydrological Sciences Journal</i> , 0, , 1-6.	1.2	3
1097	Large-Scale Air-Sea Coupling Processes in the Bay of Bengal Using Space-Borne Observations. <i>Oceanography</i> , 2016, 29, 192-201.	0.5	11
1098	Remotely Driven Anomalous Sea-Air Heat Flux Over the North Indian Ocean During the Summer Monsoon Season. <i>Oceanography</i> , 2016, 29, 232-241.	0.5	18
1099	Uma RevisÃ£o dos Processos de InteraÃ§Ã£o Oceano-Atmosfera em RegiÃµes de Intenso Gradiente Termal do Oceano AtlÃ¢ntico Sul Baseada em Dados Observacionais. <i>Revista Brasileira De Meteorologia</i> , 2016, 31, 428-453.	0.2	21
1100	Seasonality and spatial variability of dynamic precipitation controls on the Tibetan Plateau. <i>Earth System Dynamics</i> , 2016, 7, 767-782.	2.7	62
1101	Pre-Monsoon Rain and Its Relationship with Monsoon Onset over the Indochina Peninsula. <i>Frontiers in Earth Science</i> , 0, 4, .	0.8	10
1102	ENSO-Related Precipitation and Its Statistical Relationship with the Walker Circulation Trend in CMIP5 AMIP Models. <i>Atmosphere</i> , 2016, 7, 19.	1.0	6
1103	Influence of ENSO on Regional Indian Summer Monsoon Precipitationâ€™ Local Atmospheric Influences or Remote Influence from Pacific. <i>Atmosphere</i> , 2016, 7, 25.	1.0	26
1104	Sub-Seasonal Prediction of the Maritime Continent Rainfall of Wet-Dry Transitional Seasons in the NCEP Climate Forecast Version 2. <i>Atmosphere</i> , 2016, 7, 28.	1.0	11
1105	Analysis of the Qinghai-Xizang Plateau Monsoon Evolution and Its Linkages with Soil Moisture. <i>Remote Sensing</i> , 2016, 8, 493.	1.8	11
1106	Monsoons to Mixing in the Bay of Bengal: Multiscale Air-Sea Interactions and Monsoon Predictability. <i>Oceanography</i> , 2016, 29, 18-27.	0.5	57
1107	Influence of Indian summer monsoon variability on the surface waves in the coastal regions of eastern Arabian Sea. <i>Annales Geophysicae</i> , 2016, 34, 871-885.	0.6	21
1108	Comments on â€œCombination Mode Dynamics of the Anomalous Northwest Pacific Anticycloneâ€™. <i>Journal of Climate</i> , 2016, 29, 4685-4693.	1.2	17
1109	Assessment of the response of the East Asian winter monsoon to <scp>ENSO</scp>â€™like <scp>SSTAs</scp> in three U.S. <scp>CLIVAR</scp> Project models. <i>International Journal of Climatology</i> , 2016, 36, 847-866.	1.5	11
1110	Vertical structures of atmospheric properties in Southeast Tibet during the South Asian summer monsoon in 2013. <i>Journal of Meteorological Research</i> , 2016, 30, 258-264.	0.9	4
1111	Relation between the upper ocean heat content in the equatorial Atlantic during boreal spring and the Indian monsoon rainfall during Juneâ€™September. <i>International Journal of Climatology</i> , 2016, 36, 2469-2480.	1.5	37
1112	Interannual variability of summer monsoon convective and stratiform precipitations in East Asia during 1998â€™2013. <i>International Journal of Climatology</i> , 2016, 36, 3507-3520.	1.5	24

#	ARTICLE	IF	CITATIONS
1113	On the projected increase of Sahel rainfall during the late rainy season. <i>International Journal of Climatology</i> , 2016, 36, 4373-4383.	1.5	23
1114	Spatial Variation of Temperature and Precipitation in Bhutan and Links to Vegetation and Land Cover. <i>Mountain Research and Development</i> , 2016, 36, 66.	0.4	34
1115	Influence of boreal summer intraseasonal oscillation on rainfall extremes in southern China. <i>International Journal of Climatology</i> , 2016, 36, 1403-1412.	1.5	120
1116	Interdecadal variation of Australian summer monsoon during late 1990s. <i>International Journal of Climatology</i> , 2016, 36, 1917-1927.	1.5	2
1117	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
1118	On the Structure and Dynamics of Indian Monsoon Depressions. <i>Monthly Weather Review</i> , 2016, 144, 3391-3416.	0.5	89
1119	Spatiotemporal patterns and trends of Indian monsoonal rainfall extremes. <i>Geophysical Research Letters</i> , 2016, 43, 1710-1717.	1.5	71
1120	The Indo-Pacific Warm Pool: critical to world oceanography and world climate. <i>Geoscience Letters</i> , 2016, 3, .	1.3	93
1121	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
1122	Zonal Propagation of Near-Surface Zonal Currents in Relation to Surface Wind Forcing in the Equatorial Indian Ocean. <i>Journal of Physical Oceanography</i> , 2016, 46, 3623-3638.	0.7	19
1123	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
1124	The trivariate seasonal analysis of couplings between El Niño, North Atlantic Oscillation, and Indian monsoon. <i>Russian Meteorology and Hydrology</i> , 2016, 41, 798-807.	0.2	5
1125	Local Oceanic Precursors for the Summer Monsoon Onset over the Bay of Bengal and the Underlying Processes. <i>Journal of Climate</i> , 2016, 29, 8455-8470.	1.2	12
1126	Monsoon low-level jet over the gateway of Indian summer monsoon: a comparative study for two distinct monsoon years. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 689-696.	0.9	11
1127	INFLUENCES OF THERMAL FORCING OVER THE SLOPE/PLATFORM OF THE TIBETAN PLATEAU ON ASIAN SUMMER MONSOON: NUMERICAL STUDIES WITH THE WRF MODEL. <i>Chinese Journal of Geophysics</i> , 2016, 59, 474-487.	0.2	14
1128	The impact of revised simplified Arakawa-Schubert scheme on the simulation of mean and diurnal variability associated with active and break phases of Indian summer monsoon using CFSv2. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9301-9323.	1.2	26
1129	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
1130	Evaluation of global warming impacts on the carbon budget of terrestrial ecosystems in monsoon Asia: a multi-model analysis. <i>Ecological Research</i> , 2016, 31, 459-474.	0.7	12

#	ARTICLE	IF	CITATIONS
1131	Influence of upper ocean on Indian summer monsoon rainfall: studies by observation and NCEP climate forecast system (CFSv2). <i>Theoretical and Applied Climatology</i> , 2016, 125, 413-426.	1.3	7
1132	Effect of the early and late onset of summer monsoon over the Bay of Bengal on Asian precipitation in May. <i>Climate Dynamics</i> , 2016, 47, 1961-1970.	1.7	23
1133	Seasonal cycle of precipitation over major river basins in South and Southeast Asia: A review of the CMIP5 climate models data for present climate and future climate projections. <i>Atmospheric Research</i> , 2016, 180, 42-63.	1.8	116
1134	Interannual variability of the Indian summer monsoon associated with the air-sea feedback in the northern Indian Ocean. <i>Climate Dynamics</i> , 2016, 46, 1977-1990.	1.7	28
1135	South Asian summer monsoon variability during the last 1454 kyr inferred from surface water salinity and river runoff proxies. <i>Quaternary Science Reviews</i> , 2016, 138, 6-15.	1.4	83
1136	Spatiotemporal patterns of precipitation regimes in the Huai River basin, China, and possible relations with ENSO events. <i>Natural Hazards</i> , 2016, 82, 2167-2185.	1.6	27
1137	Potential influence of temperature changes in the Southern Hemisphere on the evolution of the Asian summer monsoon during the last glacial period. <i>Quaternary International</i> , 2016, 392, 239-250.	0.7	29
1138	The tropospheric biennial oscillation defined by a biennial mode of sea surface temperature and its impact on the atmospheric circulation and precipitation in the tropical eastern Indo-western Pacific region. <i>Climate Dynamics</i> , 2016, 47, 2601-2615.	1.7	6
1139	Abrupt monsoon transitions as seen in paleorecords can be explained by moisture-advection feedback. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2348-9.	3.3	15
1140	Pollen- and charcoal-based evidence for climatic and human impact on vegetation in the northern edge of Wuyi Mountains, China, during the last 8200 years. <i>Holocene</i> , 2016, 26, 1616-1626.	0.9	52
1141	Late Miocene-Pliocene Asian monsoon intensification linked to Antarctic ice-sheet growth. <i>Earth and Planetary Science Letters</i> , 2016, 444, 75-87.	1.8	86
1142	The aerosol-monsoon climate system of Asia: A new paradigm. <i>Journal of Meteorological Research</i> , 2016, 30, 1-11.	0.9	44
1143	El Niño and Indian summer monsoon rainfall relationship in retrospective seasonal prediction runs: experiments with coupled global climate models and MMEs. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 97-115.	0.9	10
1144	Aerosol and monsoon climate interactions over Asia. <i>Reviews of Geophysics</i> , 2016, 54, 866-929.	9.0	591
1145	Trend and concentration characteristics of precipitation and related climatic teleconnections from 1982 to 2010 in the Beas River basin, India. <i>Global and Planetary Change</i> , 2016, 145, 116-129.	1.6	35
1146	Tracking the Indian Summer Monsoon Onset Back to the Preinstrument Period. <i>Journal of Climate</i> , 2016, 29, 8115-8127.	1.2	24
1147	Role of distinct flavours of IOD events on Indian summer monsoon. <i>Natural Hazards</i> , 2016, 82, 1317-1326.	1.6	30
1148	Does El Niño-Southern Oscillation affect the precipitation in Korea on seasonal time scales?. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2016, 52, 395-403.	1.3	13

#	ARTICLE	IF	CITATIONS
1149	Wind rotation characteristics of the upper tropospheric monsoon over the central and eastern tropical Pacific. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 479-486.	0.5	0
1150	February Drying in Southeastern Brazil and the Australian Monsoon: Global Mechanism for a Regional Rainfall Feature. <i>Journal of Climate</i> , 2016, 29, 7529-7546.	1.2	5
1151	Seasonal and Intraseasonal Variability of Mesoscale Convective Systems over the South Asian Monsoon Region. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 4753-4774.	0.6	41
1152	Differences in the Climatological Characteristics of Precipitation between Active and Break Spells of the Indian Summer Monsoon. <i>Journal of Climate</i> , 2016, 29, 7797-7814.	1.2	31
1153	Confronting the "Indian summer monsoon response to black carbon aerosol" with the uncertainty in its radiative forcing and beyond. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7833-7852.	1.2	16
1154	Intraseasonal Variability of SST and Precipitation in the Arabian Sea during the Indian Summer Monsoon: Impact of Ocean Mixed Layer Depth. <i>Journal of Climate</i> , 2016, 29, 7889-7910.	1.2	35
1155	The East Asian subtropical summer monsoon: Recent progress. <i>Journal of Meteorological Research</i> , 2016, 30, 135-155.	0.9	27
1156	Palaeoclimatic records of the loess/palaeosol sequences of the Chinese Loess Plateau. <i>Quaternary Science Reviews</i> , 2016, 154, 23-84.	1.4	211
1157	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
1158	Decadal Modulations of Interhemispheric Global Atmospheric Circulations and Monsoons by the South Atlantic Meridional Overturning Circulation. <i>Journal of Climate</i> , 2016, 29, 1831-1851.	1.2	38
1159	Stable carbon and oxygen isotopes of four planktonic foraminiferal species from core-top sediments of the Indonesian throughflow region and their significance. <i>Acta Oceanologica Sinica</i> , 2016, 35, 63-75.	0.4	5
1160	Holocene moisture and East Asian summer monsoon evolution in the northeastern Tibetan Plateau recorded by Lake Qinghai and its environs: A review of conflicting proxies. <i>Quaternary Science Reviews</i> , 2016, 154, 111-129.	1.4	143
1161	Different Impacts of Typical and Atypical ENSO on the Indian Summer Rainfall: ENSO-Developing Phase. <i>Atmosphere - Ocean</i> , 2016, 54, 440-456.	0.6	11
1162	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
1163	Anomalous behaviors of Wyrтки Jets in the equatorial Indian Ocean during 2013. <i>Scientific Reports</i> , 2016, 6, 29688.	1.6	28
1164	Dynamics of changing impacts of tropical Indo-Pacific variability on Indian and Australian rainfall. <i>Scientific Reports</i> , 2016, 6, 31767.	1.6	18
1165	Characteristics of winter precipitation over Northwest India using high-resolution gridded dataset (1901-2013). <i>Global and Planetary Change</i> , 2016, 147, 67-85.	1.6	32
1166	Interannual variability of the boreal summer tropical UTLS in observations and CCMVal-2 simulations. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8695-8714.	1.9	8

#	ARTICLE	IF	CITATIONS
1167	Probabilistic versus deterministic skill in predicting the western North Pacific–East Asian summer monsoon variability with multimodel ensembles. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1079-1103.	1.2	22
1168	Does a monsoon circulation exist in the upper troposphere over the central and eastern tropical Pacific?. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 458-464.	0.5	0
1169	Spatiotemporal evolution of water storage changes in India from the updated GRACE-derived gravity records. <i>Water Resources Research</i> , 2016, 52, 135-149.	1.7	114
1170	Heavy rainfall patterns in Vietnam and their relation with ENSO cycles. <i>International Journal of Climatology</i> , 2016, 36, 1686-1699.	1.5	26
1171	Characterizing the onset and demise of the Indian summer monsoon. <i>Geophysical Research Letters</i> , 2016, 43, 4547-4554.	1.5	74
1172	Mean state and interannual variability of the Indian summer monsoon simulation by NCEP CFSv2. <i>Climate Dynamics</i> , 2016, 46, 3845-3864.	1.7	19
1173	Predictability of global monsoon rainfall in NCEP CFSv2. <i>Climate Dynamics</i> , 2016, 47, 1693-1715.	1.7	16
1174	Rainfall over Oman and its teleconnection with El Niño Southern Oscillation. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	3
1175	A GCM investigation of dust aerosol impact on the regional climate of North Africa and South/East Asia. <i>Climate Dynamics</i> , 2016, 46, 2353-2370.	1.7	38
1176	Sensitivity of Asian Summer Monsoon precipitation to tropical sea surface temperature anomalies. <i>Climate Dynamics</i> , 2016, 47, 2501-2514.	1.7	13
1177	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
1178	Prediction of daily modes of South Asian monsoon variability and its association with Indian and Pacific Ocean SST in the NCEP CFS V2. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 131-142.	0.9	7
1179	Evolution and variability of the Asian monsoon and its potential linkage with uplift of the Himalaya and Tibetan Plateau. <i>Progress in Earth and Planetary Science</i> , 2016, 3, .	1.1	143
1180	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
1181	Simulation of the interface between the Indian summer monsoon and the East Asian summer monsoon: Intercomparison between MPI-ESM and ECHAM5/MPI-OM. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 294-308.	1.9	17
1182	Impact of springtime Himalayan–Tibetan Plateau snowpack on the onset of the Indian summer monsoon in coupled seasonal forecasts. <i>Climate Dynamics</i> , 2016, 47, 2709-2725.	1.7	53
1183	Changes in the boreal summer intraseasonal oscillation projected by the CNRM-CM5 model under the RCP 8.5 scenario. <i>Climate Dynamics</i> , 2016, 47, 3713-3736.	1.7	19
1184	Investigation of summer monsoon rainfall variability in Pakistan. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 465-475.	0.9	15

#	ARTICLE	IF	CITATIONS
1185	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
1186	Impacts of the Asia-Australia dipole and ENSO on climate variability in the Asia-Australia region. <i>International Journal of Climatology</i> , 2016, 36, 4202-4212.	1.5	2
1187	Multiscale Temporal Mean Features of Perturbation Kinetic Energy and Its Budget in the Tropics: Review and Computation. <i>Meteorological Monographs</i> , 2016, 56, 8.1-8.23.	5.0	0
1188	Sensitivity of Southeast Asia rainfall simulations to cumulus and air-sea flux parameterizations in RegCM4. <i>Climate Research</i> , 2016, 69, 59-77.	0.4	65
1189	Evaluation of cloud properties in the NCEP CFSv2 model and its linkage with Indian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2016, 124, 31-41.	1.3	12
1190	Does the modification in critical relative humidity of NCEP CFSv2 dictate Indian mean summer monsoon forecast? Evaluation through thermodynamical and dynamical aspects. <i>Climate Dynamics</i> , 2016, 46, 1197-1222.	1.7	25
1191	Multimodel Prediction of Monsoon Rain Using Dynamical Model Selection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 2911-2917.	2.7	8
1192	The Madden-Julian Oscillation and the Monsoons. <i>Springer Climate</i> , 2016, , 207-224.	0.3	4
1193	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
1194	East Asian summer monsoon precipitation variations in China over the last 9500 years: A comparison of pollen-based reconstructions and model simulations. <i>Holocene</i> , 2016, 26, 592-602.	0.9	20
1195	A 382-year reconstruction of August mean minimum temperature from tree-ring maximum latewood density on the southeastern Tibetan Plateau, China. <i>Dendrochronologia</i> , 2016, 37, 1-8.	1.0	36
1196	Western Disturbances Structure. , 2016, , 1-26.		4
1197	Changes in the south Asian monsoon low level jet during recent decades and its role in the monsoon water cycle. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 138-139, 47-53.	0.6	20
1198	Representation of monsoon intraseasonal oscillations in regional climate model: sensitivity to convective physics. <i>Climate Dynamics</i> , 2016, 47, 895-917.	1.7	27
1199	Imprint of the ENSO on rainfall and latent heating variability over the Southern South China Sea from TRMM observations. <i>Journal of Ocean University of China</i> , 2016, 15, 219-231.	0.6	3
1200	Transport characteristics of Chinese haze over Northern Taiwan in winter, 2005-2014. <i>Atmospheric Environment</i> , 2016, 126, 76-86.	1.9	40
1201	Experimental 15-day-lead statistical forecast of intraseasonal summer monsoon rainfall over Eastern China. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 66-73.	0.5	3
1202	Contribution of ENSO variability to the East Asian summer monsoon in the late Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 510-519.	1.0	48

#	ARTICLE	IF	CITATIONS
1203	The verification of millennial-scale monsoon water vapor transport channel in northwest China. <i>Journal of Hydrology</i> , 2016, 536, 273-283.	2.3	20
1204	Global Monsoon in a Changing Climate. <i>Springer Climate</i> , 2016, , 7-24.	0.3	7
1205	South Asian Summer Monsoon Variability in a Changing Climate. <i>Springer Climate</i> , 2016, , 25-46.	0.3	6
1206	The Monsoons and Climate Change. <i>Springer Climate</i> , 2016, , 1-6.	0.3	2
1207	Variability in AIRS CO ₂ during active and break phases of Indian summer monsoon. <i>Science of the Total Environment</i> , 2016, 541, 1200-1207.	3.9	10
1208	The zonal movement of the Indianâ€œEast Asian summer monsoon interface in relation to the landâ€œsea thermal contrast anomaly over East Asia. <i>Climate Dynamics</i> , 2016, 46, 2759-2771.	1.7	25
1209	Large-scale circulation classification and its links to observed precipitation in the eastern and central Tibetan Plateau. <i>Climate Dynamics</i> , 2016, 46, 3481-3497.	1.7	64
1210	Short-term variability in the dates of the Indian monsoon onset and retreat on the southern and northern slopes of the central Himalayas as determined by precipitation stable isotopes. <i>Climate Dynamics</i> , 2016, 47, 159-172.	1.7	43
1211	Relationship between tropospheric temperature and Indian summer monsoon rainfall as simulated by RegCM3. <i>Climate Dynamics</i> , 2016, 46, 3149-3162.	1.7	22
1212	Sub-seasonal behaviour of Asian summer monsoon under a changing climate: assessments using CMIP5 models. <i>Climate Dynamics</i> , 2016, 46, 4003-4025.	1.7	19
1213	Precipitation variability in September over the Korean Peninsula during ENSO developing phase. <i>Climate Dynamics</i> , 2016, 46, 3419-3430.	1.7	24
1214	Weak monsoon event at 4.2Âka recorded in sediment from Lake Rara, Himalayas. <i>Quaternary International</i> , 2016, 397, 349-359.	0.7	65
1215	Indian summer monsoon precipitating clouds: role of microphysical process rates. <i>Climate Dynamics</i> , 2016, 46, 2551-2571.	1.7	22
1216	Indian summer monsoon simulations with CFSv2: a microphysics perspective. <i>Theoretical and Applied Climatology</i> , 2016, 125, 253-269.	1.3	14
1217	Precipitation climatology over India: validation with observations and reanalysis datasets and spatial trends. <i>Climate Dynamics</i> , 2016, 46, 541-556.	1.7	117
1218	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
1219	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
1220	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

#	ARTICLE	IF	CITATIONS
1221	Climatic risks and impacts in South Asia: extremes of water scarcity and excess. <i>Regional Environmental Change</i> , 2017, 17, 1569-1583.	1.4	65
1222	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
1223	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
1224	Evaluation of NCEP TIGGE short-range forecast for Indian summer monsoon intraseasonal oscillation. <i>Theoretical and Applied Climatology</i> , 2017, 129, 745-782.	1.3	0
1225	Seminal role of stratiform clouds in large-scale aggregation of tropical rain in boreal summer monsoon intraseasonal oscillations. <i>Climate Dynamics</i> , 2017, 48, 999-1015.	1.7	17
1226	Intra-seasonal and Inter-annual variability of Bowen Ratio over rain-shadow region of North peninsular India. <i>Theoretical and Applied Climatology</i> , 2017, 128, 835-844.	1.3	8
1227	Late Holocene relative humidity history on the southeastern Tibetan plateau inferred from a tree-ring $\delta^{18}O$ record: Recent decrease and conditions during the last 1500 years. <i>Quaternary International</i> , 2017, 430, 52-59.	0.7	51
1228	Energetics and monsoon bifurcations. <i>Climate Dynamics</i> , 2017, 48, 561-576.	1.7	4
1229	Model performance metrics and process diagnostics for boreal summer intraseasonal variability. <i>Climate Dynamics</i> , 2017, 48, 1661-1683.	1.7	46
1230	Decreasing monsoon precipitation in southwest China during the last 2400 years associated with the warming of tropical ocean. <i>Climate Dynamics</i> , 2017, 48, 1769-1778.	1.7	72
1231	Added value of a high-resolution regional climate model in simulation of intraseasonal variability of the South Asian summer monsoon. <i>International Journal of Climatology</i> , 2017, 37, 1100-1116.	1.5	10
1232	Climate change scenarios for Tibetan Plateau summer precipitation based on canonical correlation analysis. <i>International Journal of Climatology</i> , 2017, 37, 1310-1321.	1.5	14
1233	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
1234	Prediction of seasonal summer monsoon rainfall over homogenous regions of India using dynamical prediction system. <i>Journal of Hydrology</i> , 2017, 546, 103-112.	2.3	32
1235	Atlantic effects on recent decadal trends in global monsoon. <i>Climate Dynamics</i> , 2017, 49, 3443-3455.	1.7	32
1236	Cloud-radiation-precipitation associations over the Asian monsoon region: an observational analysis. <i>Climate Dynamics</i> , 2017, 49, 3237-3255.	1.7	22
1237	Influences of volcano eruptions on Asian Summer Monsoon over the last 110 years. <i>Scientific Reports</i> , 2017, 7, 42626.	1.6	36
1238	Understanding the Variations of the Length and the Seasonal Rainfall Anomalies of the Indian Summer Monsoon. <i>Journal of Climate</i> , 2017, 30, 1753-1763.	1.2	10

#	ARTICLE	IF	CITATIONS
1239	Millennium-Long Tree-Ring Chronology Reveals Megadroughts on the Southeastern Tibetan Plateau. <i>Tree-Ring Research</i> , 2017, 73, 1-10.	0.4	10
1240	A Central Indian Ocean Mode and Heavy Precipitation during the Indian Summer Monsoon. <i>Journal of Climate</i> , 2017, 30, 2055-2067.	1.2	25
1241	Influence of tropical South Atlantic sea 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
1242	Reconstruction of Indian summer monsoon winds and precipitation over the past 10,000 years using equatorial pacific SST proxy records. <i>Paleoceanography</i> , 2017, 32, 195-216.	3.0	17
1243	Vegetation and climate reconstruction based on a $\sim 1/4$ ka pollen record from north Chhattisgarh, central India. <i>Palynology</i> , 2017, 41, 504-515.	0.7	14
1244	Tropical Atlantic-Korea teleconnection pattern during boreal summer season. <i>Climate Dynamics</i> , 2017, 49, 2649-2664.	1.7	23
1245	On the spatial coherence of sub-seasonal to seasonal Indian rainfall anomalies. <i>Climate Dynamics</i> , 2017, 49, 3403-3423.	1.7	26
1246	Clay mineralogical and geochemical proxies of the East Asian summer monsoon evolution in the South China Sea during Late Quaternary. <i>Scientific Reports</i> , 2017, 7, 42083.	1.6	27
1247	Intraseasonal rainfall variability in the Bay of Bengal during the Summer Monsoon: coupling with the ocean and modulation by the Indian Ocean Dipole. <i>Atmospheric Science Letters</i> , 2017, 18, 88-95.	0.8	8
1248	Freshwater fishes of northern Australia. <i>Zootaxa</i> , 2017, 4253, 1.	0.2	34
1249	Increasing heat waves and warm spells in India, observed from a multiaspect framework. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 3837-3858.	1.2	73
1250	Dry Particulate Nitrate Deposition in China. <i>Environmental Science & Technology</i> , 2017, 51, 5572-5581.	4.6	24
1251	Winter AO/NAO modifies summer ocean heat content and monsoonal circulation over the western Indian Ocean. <i>Journal of Meteorological Research</i> , 2017, 31, 94-106.	0.9	7
1252	Bay of Bengal salinity stratification and Indian summer monsoon intraseasonal oscillation: 1. Intraseasonal variability and causes. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4291-4311.	1.0	52
1253	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
1254	Interdecadal variation of summer monsoon over the southern part of South Asia in mid-1990s. <i>International Journal of Climatology</i> , 2017, 37, 1138-1146.	1.5	3
1255	Modulation of the PDO to the relationship between moderate ENSO events and the winter climate over North America. <i>International Journal of Climatology</i> , 2017, 37, 4275-4287.	1.5	18
1256	The Influence of Hydrology and Glaciology on Wetlands in the Himalayas. , 2017, , 175-188.		4

#	ARTICLE	IF	CITATIONS
1257	Continental drift and plateau uplift control origination and evolution of Asian and Australian monsoons. <i>Scientific Reports</i> , 2017, 7, 40344.	1.6	26
1258	An investigation of the influence of the southern annular mode on Indian summer monsoon rainfall. <i>Meteorological Applications</i> , 2017, 24, 172-179.	0.9	13
1259	Central Tibetan Plateau atmospheric trace metals contamination: A 500-year record from the Puruogangri ice core. <i>Science of the Total Environment</i> , 2017, 601-602, 1349-1363.	3.9	36
1260	Interdecadal variability of the Afro-Asian summer monsoon system. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 833-846.	1.9	69
1261	Coherent tropical-subtropical Holocene see-saw moisture patterns in the Eastern Hemisphere monsoon systems. <i>Quaternary Science Reviews</i> , 2017, 169, 231-242.	1.4	22
1262	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
1263	Performance evaluation of land surface models and cumulus convection schemes in the simulation of Indian summer monsoon using a regional climate model. <i>Atmospheric Research</i> , 2017, 197, 21-41.	1.8	43
1264	Sediment provenance and paleoenvironmental changes in the northwestern shelf mud area of the South China Sea since the mid-Holocene. <i>Continental Shelf Research</i> , 2017, 144, 21-30.	0.9	20
1265	Comparative study of five current reanalyses in characterizing total cloud fraction and top-of-the-atmosphere cloud radiative effects over the Asian monsoon region. <i>International Journal of Climatology</i> , 2017, 37, 5047-5067.	1.5	15
1266	Potential impact of the May Southern Hemisphere annular mode on the Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 2017, 49, 1257-1269.	1.7	29
1267	Evolution of the Asian summer monsoon during Dansgaard/Oeschger events 13-17 recorded in a stalagmite constrained by high-precision chronology from southwest China. <i>Quaternary Research</i> , 2017, 88, 121-128.	1.0	16
1268	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
1269	Competing influences of greenhouse warming and aerosols on Asian summer monsoon circulation and rainfall. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 181-194.	1.3	53
1270	Objective Detection of Indian Summer Monsoon Onset Using QuikSCAT Seawinds Scatterometer. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 3466-3474.	2.7	1
1271	Analysis of the Southward Wind Shift of ENSO in CMIP5 Models. <i>Journal of Climate</i> , 2017, 30, 2415-2435.	1.2	10
1272	The 5400 a BP extreme weakening event of the Asian summer monsoon and cultural evolution. <i>Science China Earth Sciences</i> , 2017, 60, 1171-1182.	2.3	25
1273	Bay of Bengal salinity stratification and Indian summer monsoon intraseasonal oscillation: 2. Impact on SST and convection. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4312-4328.	1.0	60
1274	High-resolution regional coupled ocean-atmosphere simulation of the Indian Summer Monsoon. <i>International Journal of Climatology</i> , 2017, 37, 717-740.	1.5	14

#	ARTICLE	IF	CITATIONS
1275	A unified nonlinear stochastic time series analysis for climate science. <i>Scientific Reports</i> , 2017, 7, 44228.	1.6	22
1276	The Indian winter monsoon and its response to external forcing over the last two and a half centuries. <i>Climate Dynamics</i> , 2017, 49, 1801-1812.	1.7	10
1277	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
1278	Air mass origin signals in $\delta^{18}O$ of tree-ring cellulose revealed by back-trajectory modeling at the monsoonal Tibetan plateau. <i>International Journal of Biometeorology</i> , 2017, 61, 1109-1124.	1.3	17
1279	Multi-century humidity reconstructions from the southeastern Tibetan Plateau inferred from tree-ring $\delta^{18}O$. <i>Global and Planetary Change</i> , 2017, 149, 26-35.	1.6	44
1280	Premonsoon Drought in India Observed from Space. <i>Journal of Hydrometeorology</i> , 2017, 18, 683-692.	0.7	4
1281	Enhancing food security: Food crop portfolio choice in response to climatic risk in India. <i>Global Food Security</i> , 2017, 12, 22-30.	4.0	43
1282	Assessment of future ENSO changes in a CMIP3/CMIP5 multi-model and multi-index framework. <i>International Journal of Climatology</i> , 2017, 37, 3439-3451.	1.5	6
1283	Role of interactions between cloud microphysics, dynamics and aerosol in the heavy rainfall event of June 2013 over Uttarakhand, India. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 986-998.	1.0	31
1284	Winter monsoon variability and its impact on aerosol concentrations in East Asia. <i>Environmental Pollution</i> , 2017, 221, 285-292.	3.7	87
1285	Tropical and high latitude forcing of enhanced megadroughts in Northern China during the last four terminations. <i>Earth and Planetary Science Letters</i> , 2017, 479, 98-107.	1.8	29
1286	A threefold rise in widespread extreme rain events over central India. <i>Nature Communications</i> , 2017, 8, 708.	5.8	393
1287	Pollen evidence for a mid-Holocene East Asian summer monsoon maximum in northern China. <i>Quaternary Science Reviews</i> , 2017, 176, 29-35.	1.4	124
1288	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
1289	Progress Towards Achieving the Challenge of Indian Summer Monsoon Climate Simulation in a Coupled Ocean-Atmosphere Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 2268-2290.	1.3	29
1290	A joint monsoon index for East Asian-Australian monsoons during boreal summer. <i>Atmospheric Science Letters</i> , 2017, 18, 403-408.	0.8	14
1291	Robust Projected Weakening of Winter Monsoon Winds Over the Arabian Sea Under Climate Change. <i>Geophysical Research Letters</i> , 2017, 44, 9833-9843.	1.5	36
1292	Mesoscale precipitation characteristics near the Western Ghats during the Indian Summer Monsoon as simulated by a high-resolution regional model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 3070-3084.	1.0	15

#	ARTICLE	IF	CITATIONS
1293	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
1294	Thermal Configuration of the Bay of Bengal–Tibetan Plateau Region and the May Precipitation Anomaly in Yunnan. <i>Journal of Climate</i> , 2017, 30, 9303-9319.	1.2	30
1295	Role of Orography, Diurnal Cycle, and Intraseasonal Oscillation in Summer Monsoon Rainfall over the Western Ghats and Myanmar Coast. <i>Journal of Climate</i> , 2017, 30, 9365-9381.	1.2	61
1296	Spatial patterns of wet season precipitation vertical gradients on the Tibetan Plateau and the surroundings. <i>Scientific Reports</i> , 2017, 7, 5057.	1.6	65
1297	The global monsoon across time scales: Mechanisms and outstanding issues. <i>Earth-Science Reviews</i> , 2017, 174, 84-121.	4.0	290
1298	The Dominant Modes of Recycled Monsoon Rainfall over India. <i>Journal of Hydrometeorology</i> , 2017, 18, 2647-2657.	0.7	8
1299	ENSO-induced drought hazards and wet spells and related agricultural losses across Anhui province, China. <i>Natural Hazards</i> , 2017, 89, 963-983.	1.6	24
1300	ENSO variability reflected in precipitation oxygen isotopes across the Asian Summer Monsoon region. <i>Earth and Planetary Science Letters</i> , 2017, 475, 25-33.	1.8	93
1301	Low-high latitude interaction forcing on the evolution of the 400 kyr cycle in East Asian winter monsoon records during the last 2.8 Myr. <i>Quaternary Science Reviews</i> , 2017, 172, 72-82.	1.4	19
1302	A road map for improving dry-bias in simulating the South Asian monsoon precipitation by climate models. <i>Climate Dynamics</i> , 2017, 49, 2025-2034.	1.7	32
1303	Reconstruction of Indian monsoon precipitation variability between 4.0 and 1.6 ka BP using speleothem $\delta^{18}O$ records from the Central Lesser Himalaya, India. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	19
1304	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
1305	The Indian monsoon variability and civilization changes in the Indian subcontinent. <i>Science Advances</i> , 2017, 3, e1701296.	4.7	188
1306	Diurnal Forcing Induces Variations in Seasonal Temperature and Its Rectification Mechanism in the Eastern Shelf Seas of China. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9870-9888.	1.0	10
1307	Bay of Bengal Exhibits Warming Trend During the Younger Dryas: Implications of AMOC. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4317-4325.	1.0	19
1308	Relationship between Indian and East Asian summer rainfall variations. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 4-15.	1.9	82
1309	Summer monsoon rainfall variability over North East regions of India and its association with Eurasian snow, Atlantic Sea Surface temperature and Arctic Oscillation. <i>Climate Dynamics</i> , 2017, 49, 2545-2556.	1.7	26
1310	Quasi-biweekly oscillations of the South Asian monsoon and its co-evolution in the upper and lower troposphere. <i>Climate Dynamics</i> , 2017, 49, 3159-3174.	1.7	24

#	ARTICLE	IF	CITATIONS
1311	Indian summer monsoon variability in southern India during the last deglaciation: Evidence from a high resolution stalagmite $\delta^{18}O$ record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 476-485.	1.0	10
1312	Orbitally-paced variations of water availability in the SE Asian Monsoon region following the Miocene Climate Transition. <i>Earth and Planetary Science Letters</i> , 2017, 474, 272-282.	1.8	15
1313	Influences of Boreal Summer Intraseasonal Oscillation on Heat Waves in Monsoon Asia. <i>Journal of Climate</i> , 2017, 30, 7191-7211.	1.2	76
1314	The asymmetric effects of El Niño and La Niña on the East Asian winter monsoon and their simulation by CMIP5 atmospheric models. <i>Journal of Meteorological Research</i> , 2017, 31, 82-93.	0.9	20
1315	Temperature and precipitation in the context of the annual cycle over Asia: Model evaluation and future change. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2017, 53, 229-242.	1.3	15
1316	Contrasting response of rainfall extremes to increase in surface air and dewpoint temperatures at urban locations in India. <i>Scientific Reports</i> , 2017, 7, 1228.	1.6	99
1317	Middle to late Holocene environmental changes in the depositional system of the tropical brackish Bolgoda Lake, coastal southwest Sri Lanka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 465, 122-137.	1.0	39
1318	Variability of Meteorological Droughts Over India. <i>Springer Geology</i> , 2017, , 73-87.	0.2	15
1319	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
1320	Potential modulations of pre-monsoon aerosols during El Niño: impact on Indian summer monsoon. <i>Climate Dynamics</i> , 2017, 49, 2279-2290.	1.7	18
1321	Indian summer monsoon rainfall variability in response to differences in the decay phase of El Niño. <i>Climate Dynamics</i> , 2017, 48, 2707-2727.	1.7	65
1322	Hydrologic connectivity driven natural stream fish assemblages in mountain streams in the Yangtze River basin: implications for stream fish conservation in monsoonal East Asia. <i>Hydrobiologia</i> , 2017, 785, 185-206.	1.0	11
1323	Retrospective seasonal prediction of summer monsoon rainfall over West Central and Peninsular India in the past 142 years. <i>Climate Dynamics</i> , 2017, 48, 2581-2596.	1.7	20
1324	The climatology and interannual variability of the South Asia high and its relationship with ENSO in CMIP5 models. <i>Climate Dynamics</i> , 2017, 48, 3507-3528.	1.7	19
1325	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
1326	Clouds vertical properties over the Northern Hemisphere monsoon regions from CloudSat-CALIPSO measurements. <i>Atmospheric Research</i> , 2017, 183, 73-83.	1.8	29
1327	<sc>ENSO</sc> teleconnections to the Indian summer monsoon in observations and models. <i>International Journal of Climatology</i> , 2017, 37, 1794-1813.	1.5	35
1328	Space-Time Evolution of the Low- and High-Frequency Intraseasonal Modes of the Indian Summer Monsoon. <i>Monthly Weather Review</i> , 2017, 145, 413-435.	0.5	37

#	ARTICLE	IF	CITATIONS
1329	Sources of errors in the simulation of south Asian summer monsoon in the CMIP5 GCMs. <i>Climate Dynamics</i> , 2017, 49, 193-223.	1.7	80
1330	Theories on formation of an anomalous anticyclone in western North Pacific during El Niño: A review. <i>Journal of Meteorological Research</i> , 2017, 31, 987-1006.	0.9	231
1331	Trends and variability of meteorological drought over the districts of India using standardized precipitation index. <i>Journal of Earth System Science</i> , 2017, 126, 1.	0.6	58
1332	The Asian Monsoon and its Future Change in Climate Models: A Review. <i>Journal of the Meteorological Society of Japan</i> , 2017, 95, 7-33.	0.7	81
1333	Investigation of the aerosol–cloud–rainfall association over the Indian summer monsoon region. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5185-5204.	1.9	66
1334	Boreal summer sub-seasonal variability of the South Asian monsoon in the Met Office GloSea5 initialized coupled model. <i>Climate Dynamics</i> , 2017, 49, 2035-2059.	1.7	9
1335	Sub-seasonal Predictability of the Onset and Demise of the Rainy Season over Monsoonal Regions. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	33
1336	Thermodynamic structure of the convective boundary layer (CBL) over the Indian monsoon region during CAIPEEX campaigns. <i>Annales Geophysicae</i> , 2017, 35, 1361-1379.	0.6	9
1337	Changing circulation structure and precipitation characteristics in Asian monsoon regions: greenhouse warming vs. aerosol effects. <i>Geoscience Letters</i> , 2017, 4, .	1.3	21
1338	Seasonal modulation of the Asian summer monsoon between the Medieval Warm Period and Little Ice Age: a multi model study. <i>Progress in Earth and Planetary Science</i> , 2017, 4, .	1.1	6
1339	Interaction of Tropical Cyclones with a Dipole Vortex. , 2017, , .		0
1340	Short to sub-seasonal hydrologic forecast to manage water and agricultural resources in India. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 707-720.	1.9	34
1341	Structure, characteristics, and simulation of monsoon low–pressure systems in <sc>CFS</sc>v2 coupled model. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 6394-6415.	1.0	19
1342	The 30–60-day Intraseasonal Variability of Sea Surface Temperature in the South China Sea during May–September. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 550-566.	1.9	11
1343	Predicting Monsoon Intraseasonal Precipitation using a Low-Order Nonlinear Stochastic Model. <i>Journal of Climate</i> , 2018, 31, 4403-4427.	1.2	13
1344	On the relationship between the early spring Indian Ocean's sea surface temperature (SST) and the Tibetan Plateau atmospheric heat source in summer. <i>Global and Planetary Change</i> , 2018, 164, 1-10.	1.6	19
1345	The Silk Road agenda of the Pan-Eurasian Experiment (PEEX) program. <i>Big Earth Data</i> , 2018, 2, 8-35.	2.0	6
1346	Large-scale Circulation Control of the Occurrence of Low-level Turbulence at Hong Kong International Airport. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 435-444.	1.9	7

#	ARTICLE	IF	CITATIONS
1347	Origin, Maintenance and Variability of the Asian Tropopause Aerosol Layer (ATAL): The Roles of Monsoon Dynamics. <i>Scientific Reports</i> , 2018, 8, 3960.	1.6	44
1348	Trend and variability in a new, reconstructed streamflow dataset for West and Central Africa, and climatic interactions, 1950–2005. <i>Journal of Hydrology</i> , 2018, 561, 478-493.	2.3	32
1349	Assessment of Land Surface Models in a High-Resolution Atmospheric Model during Indian Summer Monsoon. <i>Pure and Applied Geophysics</i> , 2018, 175, 3671-3696.	0.8	20
1350	Abrupt Climate Change in an Oscillating World. <i>Scientific Reports</i> , 2018, 8, 5040.	1.6	35
1351	The Indian Summer Monsoon Intraseasonal Oscillations in CFSv2 Forecasts: Biases and Importance of Improving Air–Sea Interaction Processes. <i>Journal of Climate</i> , 2018, 31, 5351-5370.	1.2	24
1352	Tree ring width variations over western Himalaya in India and its linkage with heat and aridity indices. <i>Natural Hazards</i> , 2018, 92, 635-645.	1.6	8
1353	Simulation of the Intraseasonal Variations of the Indian Summer Monsoon in a Regional Coupled Ocean–Atmosphere Model. <i>Journal of Climate</i> , 2018, 31, 3167-3185.	1.2	21
1354	Climate change impact assessment of a river basin using CMIP5 climate models and the VIC hydrological model. <i>Hydrological Sciences Journal</i> , 2018, 63, 596-614.	1.2	24
1355	Contrast in monsoon precipitation over oceanic region of north Bay of Bengal and east equatorial Indian Ocean. <i>International Journal of Climatology</i> , 2018, 38, e1061.	1.5	5
1356	Holocene climatic fluctuations and periodic changes in the Asian southwest monsoon region. <i>Journal of Asian Earth Sciences</i> , 2018, 156, 90-95.	1.0	11
1357	Role of Madden–Julian Oscillation in Modulating Monsoon Retreat. <i>Pure and Applied Geophysics</i> , 2018, 175, 2341-2350.	0.8	5
1358	Influence of the Pacific–Japan Pattern on Indian Summer Monsoon Rainfall. <i>Journal of Climate</i> , 2018, 31, 3943-3958.	1.2	39
1359	The monsoon system: Land–sea breeze or the ITCZ?. <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	108
1360	ENSO Atmospheric Teleconnections and Their Response to Greenhouse Gas Forcing. <i>Reviews of Geophysics</i> , 2018, 56, 185-206.	9.0	330
1361	Effects of intraseasonal oscillation on South China Sea summer monsoon onset. <i>Climate Dynamics</i> , 2018, 51, 2543-2558.	1.7	46
1363	Toward Predicting Changes in the Land Monsoon Rainfall a Decade in Advance. <i>Journal of Climate</i> , 2018, 31, 2699-2714.	1.2	55
1364	Simulation of the Central Indian Ocean Mode in CESM: Implications for the Indian Summer Monsoon System. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 58-72.	1.2	5
1365	Future projections of active-break spells of Indian summer monsoon in a climate change perspective. <i>Global and Planetary Change</i> , 2018, 161, 222-230.	1.6	19

#	ARTICLE	IF	CITATIONS
1366	A new assessment of modern climate change, China—An approach based on paleo-climate. <i>Earth-Science Reviews</i> , 2018, 177, 458-477.	4.0	15
1367	The role of monsoon low-level jet in modulating heavy rainfall events. <i>International Journal of Climatology</i> , 2018, 38, e569.	1.5	29
1368	Monsoon climate response in Indian teak (<i>Tectona grandis</i> L.f.) along a transect from coast to inland. <i>Theoretical and Applied Climatology</i> , 2018, 134, 1197-1205.	1.3	3
1369	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
1370	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
1371	Strengthening and Westward Shift of the Tropical Pacific Walker Circulation during the Mid-Holocene: PMIP Simulation Results. <i>Journal of Climate</i> , 2018, 31, 2283-2298.	1.2	20
1372	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
1373	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
1374	Relationship between Sea Surface Temperature and Rainfall in the Philippines during the Asian Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , 2018, 96, 283-290.	0.7	5
1375	Chemical evidence of inter-hemispheric air mass intrusion into the Northern Hemisphere mid-latitudes. <i>Scientific Reports</i> , 2018, 8, 4669.	1.6	11
1376	Monsoon variability and upper ocean stratification during the last ~ 1466 ka over the Andaman Sea: Inferences from the $\delta^{18}O$ records of planktonic foraminifera. <i>Quaternary International</i> , 2018, 479, 12-18.	0.7	16
1377	High-resolution mid-Holocene Indian Summer Monsoon recorded in a stalagmite from the Kotumsar Cave, Central India. <i>Quaternary International</i> , 2018, 479, 19-24.	0.7	40
1378	Spatial and temporal precipitation patterns characterized by TRMM TMPA over the Qinghai-Tibetan plateau and surroundings. <i>International Journal of Remote Sensing</i> , 2018, 39, 3891-3907.	1.3	37
1379	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
1380	Statistical bias correction method applied on CMIP5 datasets over the Indian region during the summer monsoon season for climate change applications. <i>Theoretical and Applied Climatology</i> , 2018, 131, 471-488.	1.3	14
1381	Climate in Sundaland and Asian monsoon variability during the last deglaciation. <i>Quaternary International</i> , 2018, 479, 141-147.	0.7	9
1382	Indian summer monsoon rainfall variability during 2014 and 2015 and associated Indo-Pacific upper ocean temperature patterns. <i>Theoretical and Applied Climatology</i> , 2018, 131, 1235-1247.	1.3	9
1383	Orbital-scale nonlinear response of East Asian summer monsoon to its potential driving forces in the late Quaternary. <i>Climate Dynamics</i> , 2018, 50, 2183-2197.	1.7	14

#	ARTICLE	IF	CITATIONS
1384	Seasonal ENSO phase locking in the Kiel Climate Model: The importance of the equatorial cold sea surface temperature bias. <i>Climate Dynamics</i> , 2018, 50, 901-919.	1.7	35
1385	Monsoon Dynamics and Its Interactions with Ocean. Springer Atmospheric Sciences, 2018, , 185-229.	0.4	1
1386	SMMR-SSM/I derived Greenland Sea ice variability: links with Indian and Korean Monsoons. <i>Climate Dynamics</i> , 2018, 50, 1023-1043.	1.7	9
1387	Role of monsoon intraseasonal oscillation and its interannual variability in simulation of seasonal mean in CFSv2. <i>Theoretical and Applied Climatology</i> , 2018, 131, 745-760.	1.3	2
1388	Diversity in the representation of large-scale circulation associated with ENSO-Indian summer monsoon teleconnections in CMIP5 models. <i>Theoretical and Applied Climatology</i> , 2018, 132, 465-478.	1.3	18
1389	Assessment of two versions of regional climate model in simulating the Indian Summer Monsoon over South Asia CORDEX domain. <i>Climate Dynamics</i> , 2018, 50, 3049-3061.	1.7	37
1390	A comprehensive analysis of coherent rainfall patterns in China and potential drivers. Part II: intraseasonal variability. <i>Climate Dynamics</i> , 2018, 51, 17-33.	1.7	14
1391	Late Holocene stable isotopic ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) records of lacustrine organic matter in Guangdong Province, south China, and their palaeoenvironmental implications. <i>Boreas</i> , 2018, 47, 510-521.	1.2	3
1392	A strengthened East Asian Summer Monsoon during Pliocene warmth: Evidence from "red clay" sediments at Pianguan, northern China. <i>Journal of Asian Earth Sciences</i> , 2018, 155, 124-133.	1.0	33
1393	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
1394	Origin of Indian summer monsoon rainfall biases in CMIP5 multimodel ensemble. <i>Climate Dynamics</i> , 2018, 51, 755-768.	1.7	32
1395	Local onset and demise of the Indian summer monsoon. <i>Climate Dynamics</i> , 2018, 51, 1609-1622.	1.7	29
1396	Precipitation over the Tibetan Plateau during recent decades: a review based on observations and simulations. <i>International Journal of Climatology</i> , 2018, 38, 1116-1131.	1.5	164
1397	Hourly station-based precipitation characteristics over the Tibetan Plateau. <i>International Journal of Climatology</i> , 2018, 38, 1560-1570.	1.5	53
1398	Prehistoric heavy metal pollution on the continental shelf off Hainan Island, South China Sea: From natural to anthropogenic impacts around 4.0 kyr BP. <i>Holocene</i> , 2018, 28, 455-463.	0.9	28
1399	Intra-seasonal variability of the South Asian monsoon and its relationship with the Indo-Pacific sea-surface temperature in the NCEP CFSv2. <i>International Journal of Climatology</i> , 2018, 38, e28.	1.5	12
1400	Implications of palaeohydrological proxies on the late Holocene Indian Summer Monsoon variability, western India. <i>Quaternary International</i> , 2018, 479, 25-33.	0.7	11
1401	Timing of the Indian Summer Monsoon onset during the early Holocene: Evidence from a sediment core at Linggo Co, central Tibetan Plateau. <i>Holocene</i> , 2018, 28, 755-766.	0.9	11

#	ARTICLE	IF	CITATIONS
1402	Agricultural susceptibility to monsoon variability: A district level analysis of Maharashtra, India. <i>Science of the Total Environment</i> , 2018, 619-620, 559-577.	3.9	23
1403	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
1404	Characterizing Indian meteorological moisture anomaly condition using long-term (1901–2013) gridded data: a multivariate moisture anomaly index approach. <i>International Journal of Climatology</i> , 2018, 38, e144.	1.5	8
1405	Aerosol characteristics in the upper troposphere and lower stratosphere region during successive and contrasting Indian summer monsoon season. <i>Atmospheric Environment</i> , 2018, 173, 46-52.	1.9	4
1406	The role of potential vorticity anomalies in the Somali Jet on Indian Summer Monsoon Intraseasonal Variability. <i>Climate Dynamics</i> , 2018, 50, 4149-4169.	1.7	3
1407	Performance evaluation of regional climate model to simulate sub-seasonal variability of Indian Summer Monsoon. <i>Climate Dynamics</i> , 2018, 50, 3595-3612.	1.7	10
1408	Prediction of kharif rice yield at Kharagpur using disaggregated extended range rainfall forecasts. <i>Theoretical and Applied Climatology</i> , 2018, 133, 1075-1091.	1.3	9
1409	Long-Term Climate Simulations Using the IITM Earth System Model (IITM-ESMv2) With Focus on the South Asian Monsoon. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 1127-1149.	1.3	28
1410	Observed heterogeneity in the local atmosphere and land-air heat exchange across complex terrain in the Tibetan mountains. <i>Arctic, Antarctic, and Alpine Research</i> , 2018, 50, .	0.4	0
1411	Precipitation concentration changes over India during 1951 to 2015. <i>Scientific Research and Essays</i> , 2018, 13, 14-26.	0.1	8
1412	Evaluation of NESMv3 and CMIP5 Models™ Performance on Simulation of Asian-Australian Monsoon. <i>Atmosphere</i> , 2018, 9, 327.	1.0	12
1413	Re-Examination of the Decadal Change in the Relationship between the East Asian Summer Monsoon and Indian Ocean SST. <i>Atmosphere</i> , 2018, 9, 395.	1.0	4
1414	Coupled model fidelity in capturing atmospheric internal processes during organization and intensification of boreal summer intra-seasonal oscillation. <i>International Journal of Climatology</i> , 2018, 38, 5339-5353.	1.5	3
1415	Hindcast skill improvement in Climate Forecast System (CFSv2) using modified cloud scheme. <i>International Journal of Climatology</i> , 2018, 38, 2994-3012.	1.5	14
1416	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
1417	Diagnosing Ocean Feedbacks to the BSISO: SST-Modulated Surface Fluxes and the Moist Static Energy Budget. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 146-170.	1.2	28
1418	Reconciling drainage and receiving basin signatures of the Godavari River system. <i>Biogeosciences</i> , 2018, 15, 3357-3375.	1.3	19
1419	Inter-annual 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

#	ARTICLE	IF	CITATIONS
1420	Rainfall Pattern Analysis over India in Relation to the State of Kerala. , 2018, , .		0
1421	Indian monsoon data assimilation and analysis regional reanalysis: Configuration and performance. Atmospheric Science Letters, 2018, 19, e808.	0.8	42
1422	Influence of ENSO on Deviation of The Season Onset in Java Based on CCAM Downscaling Data. IOP Conference Series: Earth and Environmental Science, 2018, 166, 012030.	0.2	3
1423	Southern Hemisphere forcing of South Asian monsoon precipitation over the past ~1 million years. Nature Communications, 2018, 9, 4702.	5.8	62
1424	Impact of Snow Darkening by Deposition of Light-Absorbing Aerosols on Snow Cover in the Himalayasâ€“Tibetan Plateau and Influence on the Asian Summer Monsoon: A Possible Mechanism for the Blanford Hypothesis. Atmosphere, 2018, 9, 438.	1.0	43
1425	A Statistical Analysis of Hail Events and Their Environmental Conditions in China during 2008â€“15. Journal of Applied Meteorology and Climatology, 2018, 57, 2817-2833.	0.6	14
1426	Contrasting Impacts of ENSO on the Interannual Variations of Summer Runoff between the Upper and Mid-Lower Reaches of the Yangtze River. Atmosphere, 2018, 9, 478.	1.0	15
1427	The CAMS Climate System Model and a Basic Evaluation of Its Climatology and Climate Variability Simulation. Journal of Meteorological Research, 2018, 32, 839-861.	0.9	48
1428	Annual Rossby Waves Below the Pycnocline in the Indian Ocean. Journal of Geophysical Research: Oceans, 2018, 123, 9405-9415.	1.0	13
1429	Long-term changes in wet nitrogen and sulfur deposition in Nanjing. Atmospheric Environment, 2018, 195, 104-111.	1.9	9
1430	Influence of the Boreal Summer Intraseasonal Oscillation on Extreme Temperature Events in the Northern Hemisphere. Journal of Meteorological Research, 2018, 32, 534-547.	0.9	14
1431	High-resolution ensemble projections and uncertainty assessment of regional climate change over China in CORDEX East Asia. Hydrology and Earth System Sciences, 2018, 22, 3087-3103.	1.9	30
1432	The turnover of continental planktonic diatoms near the middle/late Miocene boundary and their Cenozoic evolution. PLoS ONE, 2018, 13, e0198003.	1.1	12
1433	Global warming and rainfall: Lessons from an analysis of Mid-Miocene climate data. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 512, 106-117.	1.0	24
1434	A Two-Dimensional Dynamical Model for the Subseasonal Variability of the Asian Monsoon Anticyclone. Journals of the Atmospheric Sciences, 2018, 75, 3597-3612.	0.6	11
1435	Variability in Coralâ€“Reconstructed Sea Surface Salinity Between the Northern and Southern Lombok Strait Linked to East Asian Winter Monsoon Mean State Reversals. Paleoceanography and Paleoclimatology, 2018, 33, 1116-1133.	1.3	14
1436	Impact of Change in Monsoonal Circulation Due to SST Warming on the North East Asian Monsoon: A Model Analysis Using Satellite Based Sub-Grid Hydrometeors. Asia-Pacific Journal of Atmospheric Sciences, 2018, 54, 545-561.	1.3	0
1437	Decadal Trends in Wet Sulfur Deposition in China Estimated From OMI SO ₂ Columns. Journal of Geophysical Research D: Atmospheres, 2018, 123, 10,796.	1.2	23

#	ARTICLE	IF	CITATIONS
1438	Increased effective moisture in northern Vietnam during the Little Ice Age. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 449-461.	1.0	10
1439	Summer temperature variability inferred from tree-ring records in the central Hengduan Mountains, southeastern Tibetan Plateau. <i>Dendrochronologia</i> , 2018, 51, 92-100.	1.0	11
1440	Combined impacts of convection and microphysics parameterizations on the simulations of precipitation and cloud properties over Asia. <i>Atmospheric Research</i> , 2018, 212, 172-185.	1.8	19
1441	Interpreting Precession-Driven $\delta^{18}O$ Variability in the South Asian Monsoon Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5927-5946.	1.2	49
1442	Indian Summer Monsoon Sub-seasonal Low-Level Circulation Predictability and its Association with Rainfall in a Coupled Model. <i>Pure and Applied Geophysics</i> , 2018, 175, 449-463.	0.8	3
1443	Global energetics and local physics as drivers of past, present and future monsoons. <i>Nature Geoscience</i> , 2018, 11, 392-400.	5.4	100
1444	A Simple Pedagogical Model Linking Initial-Value Reliability with Trustworthiness in the Forced Climate Response. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 605-614.	1.7	5
1445	The Asymmetric Influence of the South China Sea Biweekly SST on the Abnormal Indian Monsoon Rainfall of 2002. <i>Pure and Applied Geophysics</i> , 2018, 175, 4625-4642.	0.8	3
1446	Multiscale Atmospheric Overturning of the Indian Summer Monsoon as Seen through Isentropic Analysis. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 3011-3030.	0.6	25
1447	Assessment of the Weather Research and Forecasting (WRF) model for simulation of extreme rainfall events in the upper Ganga Basin. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 1095-1117.	1.9	94
1448	Characteristics of monsoonal precipitating cloud systems over the Indian subcontinent derived from weather radar data. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 1742-1760.	1.0	16
1449	Mid-Pliocene global land monsoon from PlioMIP1 simulations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 512, 56-70.	1.0	17
1450	Major Environmental Issues and Problems of South Asia, Particularly Bangladesh. , 2018, , 1-40.		49
1451	Early Eocene plant megafossil assemblage of western India: Paleoclimatic and paleobiogeographic implications. <i>Review of Palaeobotany and Palynology</i> , 2018, 258, 123-132.	0.8	9
1452	Analyzing Large-Scale Hydrologic Processes Using GRACE and Hydrometeorological Datasets. <i>Water Resources Management</i> , 2018, 32, 4409-4423.	1.9	11
1453	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
1454	Relationship between Ocean-Atmospheric Climate Variables and Regional Streamflow of the Conterminous United States. <i>Hydrology</i> , 2018, 5, 30.	1.3	23
1455	Decreasing Indian summer monsoon on the northern Indian sub-continent during the last 180 years: evidence from five tree-ring cellulose oxygen isotope chronologies. <i>Climate of the Past</i> , 2018, 14, 653-664.	1.3	73

#	ARTICLE	IF	CITATIONS
1456	Evaluation of Microphysics and Cumulus Schemes of WRF for Forecasting of Heavy Monsoon Rainfall over the Southeastern Hilly Region of Bangladesh. <i>Pure and Applied Geophysics</i> , 2018, 175, 4537-4566.	0.8	23
1457	Ice versus liquid water saturation in simulations of the Indian summer monsoon. <i>Climate Dynamics</i> , 2018, 51, 3847-3863.	1.7	3
1458	ENSO hindcast skill of the IAP-DecPreS near-term climate prediction system: comparison of full-field and anomaly initialization. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 54-62.	0.5	9
1459	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
1460	Mass Balance Status of Indian Himalayan Glaciers: A Brief Review. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	13
1461	Global fatal landslide occurrence from 2004 to 2016. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 2161-2181.	1.5	988
1462	The impact of interactions between tropical and midlatitude intraseasonal oscillations around the Tibetan Plateau on the 1998 Yangtze floods. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 1123-1139.	1.0	17
1463	Millennial-scale Asian monsoon variability during the late Marine Isotope Stage 6 from Hulu Cave, China. <i>Quaternary Research</i> , 2018, 90, 394-405.	1.0	8
1464	Temporal evolution of hydroclimatic teleconnection and a time-varying model for long-lead prediction of Indian summer monsoon rainfall. <i>Scientific Reports</i> , 2018, 8, 10778.	1.6	26
1465	Holocene temperature and hydrological changes reconstructed by bacterial 3-hydroxy fatty acids in a stalagmite from central China. <i>Quaternary Science Reviews</i> , 2018, 192, 97-105.	1.4	28
1466	Variability of terrigenous input to the Bay of Bengal for the last ~80 kyr: Implications on the Indian monsoon variability. <i>Geo-Marine Letters</i> , 2018, 38, 341-350.	0.5	13
1467	Climatically Driven Changes in the Supply of Terrigenous Sediment to the East China Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2463-2477.	1.0	4
1468	Intraseasonal Variability of Air–Sea Fluxes over the Bay of Bengal during the Southwest Monsoon. <i>Journal of Climate</i> , 2018, 31, 7087-7109.	1.2	17
1469	Short-Range Prediction of Monsoon Precipitation by NCMRWF Regional Unified Model with Explicit Convection. <i>Pure and Applied Geophysics</i> , 2018, 175, 1197-1218.	0.8	10
1470	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
1471	Decoupled early Holocene summer temperature and monsoon precipitation in southwest China. <i>Quaternary Science Reviews</i> , 2018, 193, 54-67.	1.4	90
1472	Characteristics of northward propagating intraseasonal oscillation in the Indian summer monsoon. <i>Climate Dynamics</i> , 2019, 52, 1903-1916.	1.7	23
1473	Improved seasonal predictive skill and enhanced predictability of the Asian summer monsoon rainfall following ENSO events in NCEP CFSv2 hindcasts. <i>Climate Dynamics</i> , 2019, 52, 3079-3098.	1.7	16

#	ARTICLE	IF	CITATIONS
1474	Does El Niño play an early signal role for the south-flood north-drought pattern over eastern China?. Theoretical and Applied Climatology, 2019, 137, 217-227.	1.3	11
1475	Use of large-scale atmospheric energetics for understanding the dynamics of contrasting Indian summer monsoon rainfall in different years. Meteorology and Atmospheric Physics, 2019, 131, 945-956.	0.9	1
1476	Aerosol Influences on Cloud Modification and Rainfall Suppression in the South Asian Monsoon Region. , 2019, , 21-37.		3
1477	A minimalistic seasonal prediction model for Indian monsoon based on spatial patterns of rainfall anomalies. Climate Dynamics, 2019, 52, 3661-3681.	1.7	8
1478	A history of the Asian monsoon and its interactions with solid Earth tectonics in Cenozoic South Asia. Geological Society Special Publication, 2019, 483, 631-652.	0.8	44
1479	Factors controlling the interannual variation of 30-60-day boreal summer intraseasonal oscillation over the Asian summer monsoon region. Climate Dynamics, 2019, 52, 1651-1672.	1.7	15
1480	Impact of convective parameterization on the seasonal prediction skill of Indian summer monsoon. Climate Dynamics, 2019, 53, 6227-6243.	1.7	17
1481	Early Indian Summer Monsoon Onset Driven by Low Soil Moisture in the Iranian Desert. Geophysical Research Letters, 2019, 46, 10568-10577.	1.5	16
1482	El Niño- East Asian monsoon teleconnection and its diversity in CMIP5 models. Climate Dynamics, 2019, 53, 6417-6435.	1.7	14
1483	Estimation of Monsoon Seasonal Precipitation Teleconnection with El Niño-Southern Oscillation Sea Surface Temperature Indices over the Western Ghats of Karnataka. Asia-Pacific Journal of Atmospheric Sciences, 2019, , 1.	1.3	5
1484	Microphysical Characteristics of Precipitation during Pre-monsoon, Monsoon, and Post-monsoon Periods over the South China Sea. Advances in Atmospheric Sciences, 2019, 36, 1103-1120.	1.9	31
1485	Variation characteristics of rainfall erosivity in Guizhou Province and the correlation with the El Niño Southern Oscillation. Science of the Total Environment, 2019, 691, 835-847.	3.9	30
1486	Basic Features of the Asian Summer Monsoon System. , 2019, , 3-22.		2
1487	Seasonal Transition of the Moisture Transport in the Asian Monsoon Region. , 2019, , 23-36.		0
1488	A southern and northern control on speleothem-based Asian summer monsoon variability during MIS 4. Quaternary Research, 2019, 92, 738-753.	1.0	1
1489	Changes in Indian Summer Monsoon Using Neodymium (Nd) Isotopes in the Andaman Sea During the Last 24,000 Years. Earth Systems and Environment, 2019, 3, 241-253.	3.0	10
1490	Assessment of Indian summer monsoon variability in a regional climate model coupled to a slab ocean model. Theoretical and Applied Climatology, 2019, 138, 1939-1949.	1.3	2
1491	Response and feedback of the Indian summer monsoon and the Southern Westerly Winds to a temperature contrast between the hemispheres during the last glacial-interglacial transitional period. Earth-Science Reviews, 2019, 197, 102917.	4.0	10

#	ARTICLE	IF	CITATIONS
1492	Strengthened Indian Summer Monsoon Precipitation Susceptibility Linked to Dust-Induced Ice Cloud Modification. <i>Geophysical Research Letters</i> , 2019, 46, 8431-8441.	1.5	10
1493	Vertical characteristics of radar reflectivity and DSD parameters in intense convective clouds over South East South Asia during the Indian Summer monsoon: GPM observations. <i>International Journal of Remote Sensing</i> , 2019, 40, 9604-9628.	1.3	12
1494	Seasonal and Regional Differences in Extreme Rainfall Events and Their Contribution to the World's Precipitation: GPM Observations. <i>Advances in Meteorology</i> , 2019, 2019, 1-15.	0.6	17
1495	Understanding the interannual variations of the zonal mean Indian summer monsoon seasonal rainfall. <i>Climate Dynamics</i> , 2019, 53, 5547-5559.	1.7	0
1496	Change in Relationship between the East Asian Winter Monsoon and the East Asian Jet Stream during the 1998-99 Regime Shift. <i>Journal of Climate</i> , 2019, 32, 6163-6175.	1.2	9
1497	Extracting Robust Predictors From a Factor Field: An Empirically Optimal Screening Method. <i>Geophysical Research Letters</i> , 2019, 46, 8355-8362.	1.5	4
1498	Comparing Convective Self-Aggregation in Idealized Models to Observed Moist Static Energy Variability Near the Equator. <i>Geophysical Research Letters</i> , 2019, 46, 10589-10598.	1.5	7
1499	Malay Archipelago Forest Loss to Cash Crops and Urban Expansion Contributes to Weaken the Asian Summer Monsoon: An Atmospheric Modeling Study. <i>Journal of Climate</i> , 2019, 32, 3189-3205.	1.2	4
1500	Thermodynamic and dynamic effects of increased moisture sources over the Tropical Indian Ocean in recent decades. <i>Climate Dynamics</i> , 2019, 53, 7081-7096.	1.7	11
1501	Spatio-temporal analysis and estimation of rainfall variability in and around upper Godavari River basin, India. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	18
1502	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
1503	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
1504	How marine emissions of bromoform impact the remote atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11089-11103.	1.9	9
1505	Contribution of Mountain River Materials to the Continental Shelf off Southeastern Hainan Island Since the Mid-Holocene. <i>Journal of Ocean University of China</i> , 2019, 18, 1123-1129.	0.6	1
1506	Evaluating the Bias of South China Sea Summer Monsoon Precipitation Associated with Fast Physical Processes Using a Climate Model Hindcast Approach. <i>Journal of Climate</i> , 2019, 32, 4491-4507.	1.2	13
1507	Assessment of coupled regional climate model (RegCM4.6-CLM4.5) for Indian summer monsoon. <i>Climate Dynamics</i> , 2019, 53, 6543-6558.	1.7	15
1508	Projected near term changes in the East Asian summer monsoon and its uncertainty. <i>Environmental Research Letters</i> , 2019, 14, 084038.	2.2	9
1509	Unveiling of the SST gradient over the South China Sea and its possible relationship to the Asian precipitation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 303, 012060.	0.2	1

#	ARTICLE	IF	CITATIONS
1510	Impact of West Asia, Tibetan Plateau and local dust emissions on intra-seasonal oscillations of the South Asian monsoon rainfall. <i>Climate Dynamics</i> , 2019, 53, 6569-6593.	1.7	15
1511	Decadalâ€“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
1512	Evaluation of surface shortwave and longwave downwelling radiations over the global tropical oceans. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	16
1513	Monsoon Mission: A Targeted Activity to Improve Monsoon Prediction across Scales. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 2509-2532.	1.7	64
1514	Factors Limiting the Forecast Skill of the Boreal Summer Intraseasonal Oscillation in a Subseasonal-to-Seasonal Model. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 104-118.	1.9	7
1515	Evaluation of Upper Tropospheric Humidity in WRF Model during Indian Summer Monsoon. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 575-588.	1.3	3
1516	Monsoon rainfall over India in June and link with northwest tropical pacific. <i>Theoretical and Applied Climatology</i> , 2019, 135, 1195-1213.	1.3	16
1517	Spatio-temporal changes in terrestrial water storage in the Himalayan river basins and risks to water security in the region: A review. <i>International Journal of Disaster Risk Reduction</i> , 2019, 35, 101068.	1.8	25
1518	Land Surface Processes. <i>Springer Atmospheric Sciences</i> , 2019, , 349-370.	0.4	9
1519	Aerosols impact on the convective and non-convective rain distribution over the Indian region: Results from WRF-Chem simulation. <i>Atmospheric Environment</i> , 2019, 202, 64-74.	1.9	10
1520	Air-sea interactive forcing on phytoplankton productivity and community structure changes in the East China Sea during the Holocene. <i>Global and Planetary Change</i> , 2019, 179, 80-91.	1.6	8
1521	Role of the South Asian High in the Onset Process of the Asian Summer Monsoon during Spring-to-Summer Transition. <i>Atmosphere</i> , 2019, 10, 239.	1.0	18
1522	Global climatology of nocturnal low-level jets and associated moisture sources and sinks. <i>Atmospheric Research</i> , 2019, 229, 39-59.	1.8	28
1523	Bayesian Assimilation of Multiscale Precipitation Data and Sparse Ground Gauge Observations in Mountainous Areas. <i>Journal of Hydrometeorology</i> , 2019, 20, 1473-1494.	0.7	17
1524	Major Environmental Issues and Problems of South Asia, Particularly Bangladesh. , 2019, , 109-148.		9
1525	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
1526	Predictability of East Asian summer monsoon in seasonal climate forecast models. <i>International Journal of Climatology</i> , 2019, 39, 5688-5701.	1.5	34
1527	Northwest Pacific Anticyclonic Anomalies during Postâ€“El NiÃ±o Summers Determined by the Pace of El NiÃ±o Decay. <i>Journal of Climate</i> , 2019, 32, 3487-3503.	1.2	29

#	ARTICLE	IF	CITATIONS
1528	Modeling the late Pliocene global monsoon response to individual boundary conditions. <i>Climate Dynamics</i> , 2019, 53, 4871-4886.	1.7	12
1529	Seasonal variations in size and intensity of the Indo-western Pacific warm pool in different sectors. <i>Journal of Oceanography</i> , 2019, 75, 423-439.	0.7	5
1530	Improving the simulation of East Asian summer monsoon with mesoscale enhancement in an AGCM. <i>Climate Dynamics</i> , 2019, 53, 225-236.	1.7	5
1531	The Impact of Modified Fractional Cloud Condensate to Precipitation Conversion Parameter in Revised Simplified Arakawa-Schubert Convection Parameterization Scheme on the Simulation of Indian Summer Monsoon and Its Forecast Application on an Extreme Rainfall Event Over Mumbai. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 5379-5399.	1.2	9
1532	Atmospheric carbon dioxide, ice sheet and topographic constraints on palaeo moisture availability in Asia. <i>Earth and Planetary Science Letters</i> , 2019, 519, 12-27.	1.8	19
1533	Analysis of NMME system in simulating Indian summer monsoon rainfall. <i>Theoretical and Applied Climatology</i> , 2019, 138, 1241-1253.	1.3	1
1534	Role of SST feedback in the prediction of the boreal summer monsoon intraseasonal oscillation. <i>Climate Dynamics</i> , 2019, 53, 3861-3875.	1.7	6
1535	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
1536	Precipitation characteristics of two complex mountain river basins on the southern slopes of the central Himalayas. <i>Theoretical and Applied Climatology</i> , 2019, 138, 1159-1178.	1.3	12
1537	Air moisture signals in a stable oxygen isotope chronology of dwarf shrubs from the central Tibetan Plateau. <i>Annals of Botany</i> , 2019, 124, 53-64.	1.4	8
1538	Numerical Analysis of the Mesoscale Dynamics of an Extreme Rainfall and Flood Event in Sri Lanka in May 2016. <i>Journal of the Meteorological Society of Japan</i> , 2019, 97, 821-839.	0.7	3
1539	Changes in the Asian monsoon climate during the late last interglacial recorded in oxygen isotopes of a stalagmite from the Yongxing Cave, central China. <i>Journal of Asian Earth Sciences</i> , 2019, 179, 211-218.	1.0	9
1540	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
1541	A Moist Entropy Budget View of the South Asian Summer Monsoon Onset. <i>Geophysical Research Letters</i> , 2019, 46, 4476-4484.	1.5	9
1542	Interannual variability of the seesaw mode of the interface between the Indian and East Asian summer monsoons. <i>Climate Dynamics</i> , 2019, 53, 2683-2695.	1.7	11
1543	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
1544	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
1545	Linking past cultural developments to palaeoenvironmental changes from 5000 BP to present: A climate-culture reconstruction from Harshad estuary, Saurashtra, Gujarat, India. <i>Quaternary International</i> , 2019, 507, 188-196.	0.7	7

#	ARTICLE	IF	CITATIONS
1546	Low-Frequency Surface Currents and Generation of an Island Lee Eddy in Panay Island, Philippines. <i>Journal of Physical Oceanography</i> , 2019, 49, 765-787.	0.7	4
1547	How Northern High-Latitude Volcanic Eruptions in Different Seasons Affect ENSO. <i>Journal of Climate</i> , 2019, 32, 3245-3262.	1.2	27
1548	An objective definition of summer monsoon onset in the northwestern maritime continent. <i>International Journal of Climatology</i> , 2019, 39, 4313-4328.	1.5	4
1549	Interdecadal changes in potential predictability of the summer monsoon in East Asia and South Asia. <i>Atmospheric Science Letters</i> , 2019, 20, e890.	0.8	4
1550	The Relation of Intraseasonal Variations With Local Onset and Demise of the Indian Summer Monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2483-2506.	1.2	21
1551	Indian summer monsoon: Extreme events, historical changes, and role of anthropogenic forcings. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2019, 10, e571.	3.6	117
1552	Spatio-temporal evolution of Australasian monsoon hydroclimate over the last 40,000 years. <i>Earth and Planetary Science Letters</i> , 2019, 513, 103-112.	1.8	38
1553	Combined Effects of El Niño and the Pacific Decadal Oscillation on Summertime Circulation over East Asia. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 91-99.	1.3	10
1554	Extremely Late Onset of the 2018 South China Sea Summer Monsoon Following a La Niña Event: Effects of Triple SST Anomaly Mode in the North Atlantic and a Weaker Mongolian Cyclone. <i>Geophysical Research Letters</i> , 2019, 46, 2956-2963.	1.5	29
1555	Cloud microphysical profile differences pertinent to monsoon phases: inferences from a cloud radar. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 1723-1738.	0.9	7
1556	Dynamically Downscaled Climate Simulations of the Indian Monsoon in the Instrumental Era: Physics Parameterization Impacts and Precipitation Extremes. <i>Journal of Applied Meteorology and Climatology</i> , 2019, 58, 831-852.	0.6	11
1557	The weakening relationship between Eurasian spring snow cover and Indian summer monsoon rainfall. <i>Science Advances</i> , 2019, 5, eaau8932.	4.7	39
1558	Forcing of the Upper-Tropospheric Monsoon Anticyclones. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 1937-1954.	0.6	17
1559	Climatic Effects of China Large-Scale Urbanization on East Asian Summer Monsoon under Different Phases of Pacific Decadal Oscillation. <i>Atmosphere</i> , 2019, 10, 90.	1.0	1
1560	Two Hundred Fifty Years of Reconstructed South Asian Summer Monsoon Intensity and Decadal-Scale Variability. <i>Geophysical Research Letters</i> , 2019, 46, 3927-3935.	1.5	15
1561	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
1562	Is there an effect of Bay of Bengal salinity on the northern Indian Ocean climatological rainfall?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 166, 19-33.	0.6	15
1563	Erosion processes driven by monsoon events after a beach nourishment and breakwater construction at Uswetakeiyawa beach, Sri Lanka. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	22

#	ARTICLE	IF	CITATIONS
1565	The Climate System. , 2019, , 1-13.		0
1566	Climate Variability. , 2019, , 14-26.		0
1567	Climate Data Analysis. , 2019, , 27-47.		1
1568	Climate Networks: Construction Methods and Analysis. , 2019, , 48-78.		0
1569	Computational Tools for Network Analysis. , 2019, , 79-93.		0
1570	Applications to Atmospheric Variability. , 2019, , 94-129.		0
1571	Applications to Oceanic Variability. , 2019, , 130-160.		0
1572	Climate Tipping Behavior. , 2019, , 161-197.		0
1573	Network-Based Prediction. , 2019, , 198-215.		0
1576	Is Chinese stalagmite $\delta^{18}O$ solely controlled by the Indian summer monsoon?. <i>Climate Dynamics</i> , 2019, 53, 2969-2983.	1.7	23
1577	Simulation of extreme Indian summer monsoon years in Coupled Model Intercomparison Project Phase 5 models: Role of cloud processes. <i>International Journal of Climatology</i> , 2019, 39, 901-920.	1.5	5
1578	Changes in global monsoon precipitation and the related dynamic and thermodynamic mechanisms in recent decades. <i>International Journal of Climatology</i> , 2019, 39, 1490-1503.	1.5	18
1579	INSAT-3D low-level atmospheric motion vectors: Capability to capture Indian summer monsoon intra-seasonal variability. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	6
1580	Evaluation of the Weather Research and Forecasting Model Forecasts for Indian Summer Monsoon Rainfall of 2014 Using Ground Based Observations. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2019, 55, 617-628.	1.3	11
1581	Unraveling the Mystery of Indian Summer Monsoon Prediction: Improved Estimate of Predictability Limit. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 1962-1974.	1.2	59
1582	Climate and Remotely Sensed Markers of Glacier Changes in the Himalaya. , 2019, , 65-88.		3
1583	Challenges of Improving the Stratiform Processes in a Coupled Climate Model with Indian Monsoon Perspective. <i>Springer Atmospheric Sciences</i> , 2019, , 219-229.	0.4	1
1585	Variability and Predictability of Indian Rainfall During the Monsoon Onset Month of June. <i>Geophysical Research Letters</i> , 2019, 46, 14782-14788.	1.5	17

#	ARTICLE	IF	CITATIONS
1586	Consumption, habit formation, and savings: Evidence from a rural household panel survey. <i>Review of Development Economics</i> , 2019, 23, 256-274.	1.0	6
1587	Late Tortonian "Piacenzian multi-proxy record of Asian southwest monsoon intensification: evidence from Coastal Makran, southeast Iran. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 347-362.	0.6	2
1588	Characterizing effects of monsoons and climate teleconnections on precipitation in China using wavelet coherence and global coherence. <i>Climate Dynamics</i> , 2019, 52, 5213-5228.	1.7	43
1589	Influence of ENSO on frequency of wintertime fog days in Eastern China. <i>Climate Dynamics</i> , 2019, 52, 5099-5113.	1.7	12
1590	Comparing the impact of strong and weak East Asian winter monsoon on PM2.5 concentration in Beijing. <i>Atmospheric Research</i> , 2019, 215, 165-177.	1.8	29
1591	The East Asian Monsoon since the Last Glacial Maximum: Evidence from geological records in northern China. <i>Science China Earth Sciences</i> , 2019, 62, 1181-1192.	2.3	15
1592	Linking climate variability and growth in coral skeletal records from the Great Barrier Reef. <i>Coral Reefs</i> , 2019, 38, 29-43.	0.9	8
1593	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
1594	Global NDVI Patterns in Response to Atmospheric Water Vapor Anomalies over the Indo-Pacific Warm Pool during April-June. <i>Journal of Climate</i> , 2019, 32, 1167-1180.	1.2	5
1595	Vegetation dynamics in response to climate change from the wetlands of Western Himalaya, India: Holocene Indian summer monsoon variability. <i>Holocene</i> , 2019, 29, 345-362.	0.9	21
1596	The role of the Indian Summer Monsoon variability on Arabian Peninsula summer climate. <i>Climate Dynamics</i> , 2019, 52, 3389-3404.	1.7	37
1597	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
1598	Impact of intra-seasonal oscillations of Indian summer monsoon on biogeochemical constituents of North Indian Ocean. <i>Theoretical and Applied Climatology</i> , 2019, 136, 839-848.	1.3	2
1599	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
1600	Tree rings reveal hydroclimatic fingerprints of the Pacific Decadal Oscillation on the Tibetan Plateau. <i>Climate Dynamics</i> , 2019, 53, 1023-1037.	1.7	8
1601	Long-term cloud fraction biases in CMIP5 GCMs over India during monsoon season. <i>Theoretical and Applied Climatology</i> , 2019, 137, 2559-2571.	1.3	1
1602	Regional scale analysis of trends in rainfall using nonparametric methods and wavelet transforms over a semi-arid region in India. <i>International Journal of Climatology</i> , 2019, 39, 2737-2764.	1.5	22
1603	Climate Change and Monsoon: Looking Into Its Antecedents. <i>SAGE Open</i> , 2019, 9, 215824401882224.	0.8	1

#	ARTICLE	IF	CITATIONS
1604	Analyzing the variation of the precipitation of coastal areas of eastern China and its association with sea surface temperature (SST) of other seas. Atmospheric Research, 2019, 219, 114-122.	1.8	14
1605	Indian monsoon variability in response to orbital forcing during the late Pliocene. Global and Planetary Change, 2019, 173, 33-46.	1.6	8
1606	Skill of Indian summer monsoon rainfall prediction in multiple seasonal prediction systems. Climate Dynamics, 2019, 52, 5291-5301.	1.7	30
1607	Linkage between Interannual Variation of the East Asian Intraseasonal Oscillation and Mei-Yu Onset. Journal of Climate, 2019, 32, 145-160.	1.2	15
1608	Analysis of abrupt changes in the PM2.5 concentration in Beijing during the conversion period from the summer to winter half-year in 2006-2015. Atmospheric Environment, 2019, 200, 319-328.	1.9	10
1609	Physical Background. Springer Theses, 2019, , 59-76.	0.0	0
1610	Impact of multiyear La Niña events on the South and East Asian summer monsoon rainfall in observations and CMIP5 models. Climate Dynamics, 2019, 52, 6989-7011.	1.7	11
1611	Contrasting monthly trends of Indian summer monsoon rainfall and related parameters. Theoretical and Applied Climatology, 2019, 137, 2095-2107.	1.3	3
1612	Performance of the CMIP5 models in the simulation of the Himalaya-Tibetan Plateau monsoon. Theoretical and Applied Climatology, 2019, 137, 909-928.	1.3	29
1613	South Asian Monsoon Extremes. , 2019, , 15-49.		3
1614	Interdecadal variability of El Niño onset and its impact on monsoon systems over areas encircling the Pacific Ocean. Climate Dynamics, 2019, 52, 7173-7188.	1.7	8
1615	Regime shift of Indian summer monsoon rainfall to a persistent arid state: external forcing versus internal variability. Meteorology and Atmospheric Physics, 2019, 131, 211-224.	0.9	7
1616	Aspect of ECMWF downscaled Regional Climate Modeling in simulating Indian summer monsoon rainfall and dependencies on lateral boundary conditions. Theoretical and Applied Climatology, 2019, 135, 1559-1581.	1.3	31
1617	On the relationship between the Indian summer monsoon rainfall and the EQUINOO in the CFSv2. Climate Dynamics, 2019, 52, 1263-1281.	1.7	11
1618	Recent predictors of Indian summer monsoon based on Indian and Pacific Ocean SST. Meteorology and Atmospheric Physics, 2019, 131, 525-539.	0.9	6
1619	Evaluating the applicability of using daily forecasts from seasonal prediction systems (SPSs) for agriculture: a case study of Nepal's Terai with the NCEP CFSv2. Theoretical and Applied Climatology, 2019, 135, 1143-1156.	1.3	6
1620	Predictive Mutation Testing. IEEE Transactions on Software Engineering, 2019, 45, 898-918.	4.3	79
1621	A La Niña-like state occurring in the second year after large tropical volcanic eruptions during the past 1500 years. Climate Dynamics, 2019, 52, 7495-7509.	1.7	29

#	ARTICLE	IF	CITATIONS
1622	Indian summer monsoon variability forecasts in the North American multimodel ensemble. <i>Climate Dynamics</i> , 2019, 53, 7321-7334.	1.7	18
1623	Is the negative IOD during 2016 the reason for monsoon failure over southwest peninsular India?. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 413-420.	0.9	5
1624	Role of premonsoon meridional SST gradient of north Indian Ocean and frequency of typhoon activities on monsoon depression over Bay of Bengal. <i>Indian Journal of Physics</i> , 2020, 94, 417-423.	0.9	0
1625	Indian monsoon precipitation isotopes linked with high level cloud cover at local and regional scales. <i>Earth and Planetary Science Letters</i> , 2020, 529, 115837.	1.8	24
1626	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
1627	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
1628	Role of cloud microphysics in improved simulation of the Asian monsoon quasi-biweekly mode (QBM). <i>Climate Dynamics</i> , 2020, 54, 599-614.	1.7	9
1629	Airmass analysis of the processes driving the progression of the Indian summer monsoon. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 2949-2980.	1.0	16
1630	Improved leading modes of interannual variability of the Asian-Australian monsoon in an AGCM via incorporating a stochastic multicloud model. <i>Climate Dynamics</i> , 2020, 54, 759-775.	1.7	3
1631	Weakening and eastward shift of the tropical Pacific Walker circulation during the Last Glacial Maximum. <i>Boreas</i> , 2020, 49, 200-210.	1.2	10
1632	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
1633	Defining the north Australian monsoon onset: A systematic review. <i>Progress in Physical Geography</i> , 2020, 44, 398-418.	1.4	12
1634	Dynamically Downscaled Climate Change Projections for the South Asian Monsoon: Mean and Extreme Precipitation Changes and Physics Parameterization Impacts. <i>Journal of Climate</i> , 2020, 33, 2311-2331.	1.2	15
1635	Prolonged warming over the last ca. 11,700 cal years from the central Indian Core Monsoon Zone: Pollen evidence and a synoptic overview. <i>Review of Palaeobotany and Palynology</i> , 2020, 276, 104159.	0.8	18
1636	Impact of Global Warming on the Western North Pacific Circulation Anomaly during Developing El Niño. <i>Journal of Climate</i> , 2020, 33, 2333-2349.	1.2	5
1637	Holocene climate variability and Indian Summer Monsoon: An overview. <i>Holocene</i> , 2020, 30, 744-773.	0.9	46
1638	Differences in Northward Propagation of Convection Over the Arabian Sea and Bay of Bengal During Boreal Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031648.	1.2	15
1639	Interdecadal modulation of the Indo-western Pacific Ocean Capacitor mode and its influence on Indian summer monsoon rainfall. <i>Climate Dynamics</i> , 2020, 54, 1761-1777.	1.7	10

#	ARTICLE	IF	CITATIONS
1640	Transport of black carbon from planetary boundary layer to free troposphere during the summer monsoon over South Asia. <i>Atmospheric Research</i> , 2020, 235, 104761.	1.8	15
1641	Inconsistent change in surface hydrography of the eastern Arabian Sea during the last four glacial–interglacial intervals. <i>Geological Magazine</i> , 2020, 157, 989-1000.	0.9	11
1642	La Niña's Diminishing Fingerprint on the Central Indian Summer Monsoon. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086237.	1.5	21
1643	Economic benefits of ENSO information in crop management decisions: case study of rice farming in West Java, Indonesia. <i>Theoretical and Applied Climatology</i> , 2020, 139, 1435-1446.	1.3	8
1644	Distributional Impacts of Weather and Climate in Rural India. <i>Economics of Disasters and Climate Change</i> , 2020, 4, 5-44.	1.3	18
1645	Different prediction skill for the East Asian winter monsoon in the early and late winter season. <i>Climate Dynamics</i> , 2020, 54, 1523-1538.	1.7	22
1646	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
1647	Sensitivity of climate models in relation to the ‘‘pool of inhibited cloudiness’’ over South of the Bay of Bengal. <i>International Journal of Climatology</i> , 2020, 40, 3714-3730.	1.5	3
1648	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
1649	Characteristics and source apportionment of PM _{2.5} on an island in Southeast China: Impact of sea-salt and monsoon. <i>Atmospheric Research</i> , 2020, 235, 104786.	1.8	17
1650	Possible link of an exceptionally strong East Asian summer monsoon to a La Niña-like condition during the interglacial MIS-13. <i>Quaternary Science Reviews</i> , 2020, 227, 106048.	1.4	7
1651	Trend in Short-Duration Extreme Precipitation in Hong Kong. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	3
1652	Reassessment of land–atmosphere interactions over India during summer monsoon using state-of-the-art regional climate models. <i>Theoretical and Applied Climatology</i> , 2020, 142, 1649-1673.	1.3	6
1653	Emergent Constraint on the Frequency of Central Pacific El Niño Under Global Warming by the Equatorial Pacific Cold Tongue Bias in CMIP5/6 Models. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089519.	1.5	7
1654	Major element and REE compositions of Pliocene sediments in southwest Japan: Implications for paleoweathering and paleoclimate. <i>Sedimentary Geology</i> , 2020, 408, 105751.	1.0	4
1655	Vegetation forcing modulates global land monsoon and water resources in a CO ₂ -enriched climate. <i>Nature Communications</i> , 2020, 11, 5184.	5.8	37
1656	Holocene Indian Summer Monsoon variations inferred from end-member modeling of sediment grain size in the Andaman Sea. <i>Quaternary International</i> , 2020, 558, 28-38.	0.7	13
1657	Abrupt mid-Holocene decline in the Indian Summer Monsoon caused by tropical Indian Ocean cooling. <i>Climate Dynamics</i> , 2020, 55, 1961-1977.	1.7	21

#	ARTICLE	IF	CITATIONS
1658	Assimilating multi-satellite snow data in ungauged Eurasia improves the simulation accuracy of Asian monsoon seasonal anomalies. <i>Environmental Research Letters</i> , 2020, 15, 064033.	2.2	6
1659	Observed Evidence for Steep Rise in the Extreme Flow of Western Himalayan Rivers. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087815.	1.5	20
1660	Migration of Afro-Asian Monsoon Fringe Since Last Glacial Maximum. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	4
1661	Investigating the Interannual Variability of the Boreal Summer Water Vapor Source and Sink over the Tropical Eastern Indian Ocean-Western Pacific. <i>Atmosphere</i> , 2020, 11, 758.	1.0	2
1662	Role of convective and microphysical processes on the simulation of monsoon intraseasonal oscillation. <i>Climate Dynamics</i> , 2020, 55, 2377-2403.	1.7	10
1663	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
1664	FIO-ESM v2.0 Outputs for the CMIP6 Global Monsoons Model Intercomparison Project Experiments. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 1045-1056.	1.9	12
1665	New Record of Charophytes (Characeae, Charophyta) from Socotra Island, Indian Ocean, Yemen. <i>Thalassas</i> , 2020, 36, 437-445.	0.1	1
1666	A paleoproductivity shift in the northwestern Bay of Bengal (IODP Site U1445) across the Mid-Pleistocene transition in response to weakening of the Indian summer monsoon. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 110018.	1.0	12
1667	Improving Real-Time Forecast of Intraseasonal Variabilities of Indian Summer Monsoon Precipitation in an Empirical Scheme. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	4
1668	Uncertainty quantification based cloud parameterization sensitivity analysis in the NCAR community atmosphere model. <i>Scientific Reports</i> , 2020, 10, 17499.	1.6	8
1669	Boreal Spring El Niño Convective State and Its Impact on Monsoon Onset. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090136.	1.5	1
1670	Monsoons, ITCZs, and the Concept of the Global Monsoon. <i>Reviews of Geophysics</i> , 2020, 58, e2020RG000700.	9.0	67
1671	Uncovering transitions in paleoclimate time series and the climate driven demise of an ancient civilization. <i>Chaos</i> , 2020, 30, 083108.	1.0	7
1672	Holocene climate forcings and lacustrine regime shifts in the Indian summer monsoon realm. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3842-3853.	1.2	12
1673	Response of grain-size components of loess-paleosol sequence to Quaternary climate in the Southern Loess Plateau, China. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	8
1674	Variability of the Indian Monsoon in the Andaman Sea Across the Miocene–Pliocene Transition. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003923.	1.3	13
1675	A new perspective on ENSO-Indian summer monsoon rainfall relationship in a warming environment. <i>Climate Dynamics</i> , 2020, 55, 3307-3326.	1.7	22

#	ARTICLE	IF	CITATIONS
1676	Identification of potential causal variables for statistical downscaling models: effectiveness of graphical modeling approach. <i>Theoretical and Applied Climatology</i> , 2020, 142, 1255-1269.	1.3	5
1677	High-Resolution Evidence for Middle Holocene East Asian Winter and Summer Monsoon Variations: Snapshots of Fossil Coral Records. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088509.	1.5	10
1678	Toward a better multi-model ensemble prediction of East Asian and Australasian precipitation during non-mature ENSO seasons. <i>Scientific Reports</i> , 2020, 10, 20289.	1.6	1
1679	Topographic Controls on the Distribution of Summer Monsoon Precipitation over South Asia. <i>Earth Systems and Environment</i> , 2020, 4, 667-683.	3.0	17
1680	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
1681	High-Resolution Projections of Mean and Extreme Precipitation over China by Two Regional Climate Models. <i>Journal of Meteorological Research</i> , 2020, 34, 965-985.	0.9	16
1682	Distinguishing Variability Regimes of Hawaiian Summer Rainfall: Quasi-Biennial and Interdecadal Oscillations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL091260.	1.5	4
1683	Indian monsoon derailed by a North Atlantic wavetrain. <i>Science</i> , 2020, 370, 1335-1338.	6.0	39
1684	Profiling interactions between the Westerlies and Asian summer monsoons since 45 ka: Insights from biomarker, isotope, and numerical modeling studies in the Qaidam Basin. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1531-1541.	1.6	2
1685	Floods and Droughts. , 2020, , 50-67.		0
1689	Heatwaves and Cold Spells. , 2020, , 68-102.		0
1690	Hurricanes and Other Storms. , 2020, , 103-134.		0
1699	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
1700	How changing cloud water to rain conversion profile impacts on radiation and its linkage to a better Indian summer monsoon rainfall simulation. <i>Theoretical and Applied Climatology</i> , 2020, 141, 947-958.	1.3	0
1701	The fidelity of a regional coupled model in capturing the relationship between intraseasonal variability and the onset/demise of the Indian summer monsoon. <i>Climate Dynamics</i> , 2020, 54, 4693-4710.	1.7	3
1702	Response of tree rings to earthquakes during the past 350 years at Jiuzhaigou in the eastern Tibet. <i>Science of the Total Environment</i> , 2020, 731, 138714.	3.9	9
1703	Calibration of WRF model parameters using multiobjective adaptive surrogate model-based optimization to improve the prediction of the Indian summer monsoon. <i>Climate Dynamics</i> , 2020, 55, 631-650.	1.7	13
1704	Quantitative reconstruction of Holocene millennial-scale precipitation in the Asian monsoon margin of northwest China, revealed by phytolith assemblages from calcareous root tubes in the Tengger Desert. <i>Climate Dynamics</i> , 2020, 55, 755-770.	1.7	18

#	ARTICLE	IF	CITATIONS
1705	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
1706	Characteristics of convective/stratiform dominance on surface rainfall over a few tropical locations. <i>Journal of Earth System Science</i> , 2020, 129, 1.	0.6	0
1707	El Niño Diversity Across Boreal Spring Predictability Barrier. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087354.	1.5	8
1708	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
1709	Impacts of Soil Freeze-Thaw Process and Snow Melting Over Tibetan Plateau on Asian Summer Monsoon System: A Review and Perspective. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	26
1710	Relative Importance of Greenhouse Gases, Sulfate, Organic Carbon, and Black Carbon Aerosol for South Asian Monsoon Rainfall Changes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088363.	1.5	16
1711	El Niño-Southern Oscillation (ENSO) Impact on Tea Production and Rainfall in South India. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 651-664.	0.6	6
1712	Saudi Arabia's summer surface air temperature and its association with circulation patterns. <i>International Journal of Climatology</i> , 2020, 40, 5727-5743.	1.5	7
1713	Systematic Errors in South Asian Monsoon Precipitation: Process-Based Diagnostics and Sensitivity to Entrainment in NCAR Models. <i>Journal of Climate</i> , 2020, 33, 2817-2840.	1.2	9
1714	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
1715	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
1717	Precipitation is the most crucial factor determining the distribution of moso bamboo in Mainland China. <i>Global Ecology and Conservation</i> , 2020, 22, e00924.	1.0	32
1718	El Nino/La Nina impact on crop production over different agro-climatic zones of Indo-Gangetic Plain of India. <i>Theoretical and Applied Climatology</i> , 2020, 142, 151-163.	1.3	14
1719	Evaluation of Different Roof Materials for the Mitigation of Urban Warming in a Subtropical Monsoon Climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031972.	1.2	0
1720	Impact of air-sea interaction during two contrasting monsoon seasons. <i>Theoretical and Applied Climatology</i> , 2020, 141, 1645-1659.	1.3	3
1721	Contributions of Indonesian Throughflow to eastern Indian Ocean surface variability during ENSO events. <i>Atmospheric Science Letters</i> , 2020, 21, e979.	0.8	3
1722	Fifty Years of Research on the Madden-Julian Oscillation: Recent Progress, Challenges, and Perspectives. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030911.	1.2	106
1723	Dynamics of intraseasonal oscillations in the Bay of Bengal during summer monsoons captured by mooring observations. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 172, 104718.	0.6	11

#	ARTICLE	IF	CITATIONS
1724	Contrasting impacts of two types of El Niño on the yields of early rice in Southern China. <i>Agronomy Journal</i> , 2020, 112, 1084-1100.	0.9	4
1725	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
1726	Simulation of monsoon intra-seasonal oscillations in Geophysical Fluid Dynamics Laboratory models from Atmospheric Model Intercomparison Project integrations of Coupled Model Intercomparison Project phase 5. <i>International Journal of Climatology</i> , 2020, 40, 5574-5589.	1.5	3
1727	Evaluation of Different Heat Flux Products Over the Tropical Indian Ocean. <i>Earth and Space Science</i> , 2020, 7, e2019EA000988.	1.1	23
1728	Land-atmosphere-ocean coupling associated with the Tibetan Plateau and its climate impacts. <i>National Science Review</i> , 2020, 7, 534-552.	4.6	119
1729	Comparative assessment of two RegCM versions in simulating Indian Summer Monsoon. <i>Journal of Earth System Science</i> , 2020, 129, .	0.6	5
1730	Estimation and prediction of the upper ocean circulation in the Bay of Bengal. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 172, 104721.	0.6	4
1731	Statistical evidence on distinct impacts of short- and long-time fluctuations of Indian Ocean surface wind fields on Indian summer monsoon rainfall during 1991-2014. <i>Climate Dynamics</i> , 2020, 54, 3053-3076.	1.7	3
1732	Boosting Effect of Tropical Cyclone Fani on the Onset of the South China Sea Summer Monsoon in 2019. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031891.	1.2	20
1733	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
1734	Existence of "mini-break" like condition during early Indian monsoon onset years. <i>Climate Dynamics</i> , 2020, 54, 2403-2418.	1.7	4
1735	East Asian summer rainfall projection and uncertainty under a global warming scenario. <i>International Journal of Climatology</i> , 2020, 40, 4828-4842.	1.5	14
1736	Seasonal Asymmetries in the Lag between Insolation and Surface Temperature. <i>Journal of Climate</i> , 2020, 33, 3921-3945.	1.2	16
1737	Assessment of INSAT-3D/INSAT-3DR Derived Atmospheric Motion Vectors Using Wind Profiler Observations Located at Gadanki, India. <i>Journal of the Indian Society of Remote Sensing</i> , 2020, 48, 585-595.	1.2	0
1738	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
1739	Remote influences on the Indian monsoon low-level jet intraseasonal variations. <i>Climate Dynamics</i> , 2020, 54, 2221-2236.	1.7	6
1740	Recent unprecedented weakening of Indian summer monsoon in warming environment. <i>Theoretical and Applied Climatology</i> , 2020, 140, 467-486.	1.3	18
1741	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

#	ARTICLE	IF	CITATIONS
1742	Temperature-induced dry climate in basins in the northeastern Tibetan Plateau during the early to middle Holocene. <i>Quaternary Science Reviews</i> , 2020, 237, 106311.	1.4	44
1743	Pollen records of vegetation dynamics, climate change and ISM variability since the LGM from Chhattisgarh State, central India. <i>Review of Palaeobotany and Palynology</i> , 2020, 278, 104237.	0.8	15
1744	Hiatus of wetland methane emissions associated with recent La Niña episodes in the Asian monsoon region. <i>Climate Dynamics</i> , 2020, 54, 4095-4107.	1.7	4
1745	Impact of vertical structure of the atmosphere on the variability in summer monsoon rainfall over Gangetic West Bengal, India. <i>Theoretical and Applied Climatology</i> , 2020, 140, 1359-1371.	1.3	2
1746	The trends in land surface heat fluxes over global monsoon domains and their responses to monsoon and precipitation. <i>Scientific Reports</i> , 2020, 10, 5762.	1.6	13
1748	Equatorial Indian Ocean Response during Extreme Indian Summer Monsoon Years Using Reliable CMIP5 Models. <i>Ocean Science Journal</i> , 2020, 55, 17-31.	0.6	1
1749	Topographic sensitivity of WRF-simulated rainfall patterns over the North West Himalayan region. <i>Atmospheric Research</i> , 2020, 242, 105003.	1.8	15
1750	Interannual variability of East African rainfall: role of seasonal transitions of the low-level cross-equatorial flow. <i>Climate Dynamics</i> , 2020, 54, 4563-4587.	1.7	8
1751	Temperature inversions in the atmospheric boundary layer and lower troposphere over the Sichuan Basin, China: Climatology and impacts on air pollution. <i>Science of the Total Environment</i> , 2020, 726, 138579.	3.9	50
1752	A review on the Indian summer monsoon rainfall, variability and its association with ENSO and IOD. <i>Meteorology and Atmospheric Physics</i> , 2021, 133, 1-14.	0.9	92
1753	Robust late twenty-first century shift in the regional monsoons in RegCM-CORDEX simulations. <i>Climate Dynamics</i> , 2021, 57, 1463-1488.	1.7	47
1754	Understanding climate trends in Central America through practical problem-based learning. <i>Journal of Geography in Higher Education</i> , 2021, 45, 298-318.	1.4	2
1755	Seasonality in power law scaling of convective and stratiform rainfall with lightning intensity over Indian Monsoon regions. <i>Atmospheric Research</i> , 2021, 248, 105265.	1.8	6
1756	Statistical physics approaches to the complex Earth system. <i>Physics Reports</i> , 2021, 896, 1-84.	10.3	79
1757	Holocene precipitation changes in northeastern China from CCSM3 transient climate simulations. <i>Holocene</i> , 2021, 31, 66-72.	0.9	3
1758	Anatomy of the Indian Summer Monsoon and ENSO relationships in state-of-the-art CGCMs: role of the tropical Indian Ocean. <i>Climate Dynamics</i> , 2021, 56, 329-356.	1.7	9
1759	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
1760	Spatial and temporal distributions of stable isotopes in precipitation over Thailand. <i>Hydrological Processes</i> , 2021, 35, .	1.1	20

#	ARTICLE	IF	CITATIONS
1761	Responses of the East Asian summer monsoon to aerosol forcing in <scp>CMIP5</scp> models: The role of upperâ€tropical temperature change. International Journal of Climatology, 2021, 41, 1555-1570.	1.5	12
1762	Early Pleistocene pollen record from the western Chinese Loess Plateau and its implications for the evolution of the East Asian Summer Monsoon. Science of the Total Environment, 2021, 761, 143304.	3.9	6
1763	Interdecadal modulation of interannual <scp>ENSOâ€Indian</scp> summer monsoon rainfall teleconnections in observations and <scp>CMIP6</scp> models: Regional patterns. International Journal of Climatology, 2021, 41, 2528-2552.	1.5	18
1764	Mapping the Dynamics of the South Asian Monsoon Using CYGNSS's Level-1 Signal Coherency. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1111-1119.	2.3	6
1765	Millennial-scale variability of Indian summer monsoon during the last 42 kyr: Evidence based on foraminiferal Mg/Ca and oxygen isotope records from the central Bay of Bengal. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 562, 110112.	1.0	24
1766	The Extreme Positive Indian Ocean Dipole of 2019 and Associated Indian Summer Monsoon Rainfall Response. Geophysical Research Letters, 2021, 48, e2020GL091497.	1.5	64
1767	The influence of airâ€sea coupling on forecasts of the 2016 Indian summer monsoon and its intraseasonal variability. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 202-228.	1.0	5
1768	The impact of Indian Ocean dipole on tropical Indian Ocean surface wave heights in ERA5 and CMIP5 models. International Journal of Climatology, 2021, 41, 1619-1632.	1.5	8
1769	Impact of North Atlantic SST and Tibetan Plateau forcing on seasonal transition of springtime South Asian monsoon circulation. Climate Dynamics, 2021, 56, 559-579.	1.7	32
1770	Indian Ocean Dipole influence on Indian summer monsoon and ENSO: A review. , 2021, , 157-182.		12
1771	Land surface signal of the Indochina Peninsular precipitation variability during the early rainy season. International Journal of Climatology, 2021, 41, 2778-2794.	1.5	0
1772	Southern annular mode teleconnections to Indian summer monsoon. , 2021, , 335-352.		0
1773	Investigation of Indian Summer Monsoon Rainfall Relationship with the Bay of Bengal Sea Surface Temperature and Currents. Earth and Environmental Sciences Library, 2021, , 189-200.	0.3	0
1775	Why Indian summer monsoon circulation indices? Fidelity in representing rainfall variability and teleconnections. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 1300-1316.	1.0	3
1776	Role of Land-Ocean Contrast in the Indian Summer Monsoon Rainfall. World Scientific Series on Asia-Pacific Weather and Climate, 2021, , 3-12.	0.2	0
1777	Understanding the combined effects of global warming and anthropogenic aerosol forcing on the South Asian monsoon. Climate Dynamics, 2021, 56, 1643-1662.	1.7	23
1778	Causes of the extreme snowfall anomaly over the northeast Tibetan plateau in early winter 2018. Climate Dynamics, 2021, 56, 1767-1782.	1.7	7
1779	Assessment of Ocean-Atmosphere Interactions for the Boreal Summer Intraseasonal Oscillations in CMIP5 Models over the Indian Monsoon Region. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 717-739.	1.3	7

#	ARTICLE	IF	CITATIONS
1780	The Choco low-level jet: past, present and future. <i>Climate Dynamics</i> , 2021, 56, 2667-2692.	1.7	15
1781	Anomalous Warm Winter 2019/2020 over East Asia Associated with Trans-basin Indo-Pacific Connections. <i>Scientific Online Letters on the Atmosphere</i> , 2021, 17B, 9-13.	0.6	5
1783	ENSO-Indian summer monsoon teleconnections. , 2021, , 51-68.		3
1784	Future changes in precipitation extremes over Southeast Asia: insights from CMIP6 multi-model ensemble. <i>Environmental Research Letters</i> , 2021, 16, 024013.	2.2	78
1785	Spatial and temporal variations in particulate organic carbon in Indonesian waters over two decades. <i>Marine and Freshwater Research</i> , 2021, 72, 1782-1797.	0.7	9
1786	Characteristics of Large-Scale Circulation Affecting the Inter-Annual Precipitation Variability in Northern Sumatra Island during Boreal Summer. <i>Atmosphere</i> , 2021, 12, 136.	1.0	2
1787	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
1788	Groundwater storage dynamics in the Himalayan river basins and impacts of global change in the Anthropocene. , 2021, , 47-63.		1
1789	Empirical Orthogonal Function Analysis of Subdivisional Rainfall over India. <i>Trends in Mathematics</i> , 2021, , 397-405.	0.1	0
1790	South Asian summer monsoon response to anthropogenic aerosol forcing. , 2021, , 433-448.		0
1791	Quantitative study of the interannual variability of South Asian summer monsoon rainfall regulated by SST. <i>International Journal of Climatology</i> , 2021, 41, 3457-3468.	1.5	1
1792	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
1793	Biases in Indian Summer Monsoon Precipitation Forecasts in the Unified Model and Their Relationship With BSISO Index. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090529.	1.5	2
1794	Synergetic effect of El Niño-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
1795	Observed Characteristics of Rainfall Indices and Outgoing Longwave Radiation over the Gangetic Plain of India. <i>Pure and Applied Geophysics</i> , 2021, 178, 619-631.	0.8	6
1796	On the build-up of dust aerosols and possible indirect effect during Indian summer monsoon break spells using recent satellite observations of aerosols and cloud properties. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	8
1797	Impact of middle east dust on subseasonal-to-seasonal variability of the Asian summer monsoon. <i>Climate Dynamics</i> , 2021, 57, 37-54.	1.7	6
1798	Relationship between the Tibetan Plateau-tropical Indian Ocean thermal contrast and the South Asian summer monsoon. <i>Frontiers of Earth Science</i> , 2021, 15, 151-166.	0.9	1

#	ARTICLE	IF	CITATIONS
1799	Influence of aerosols on clouds, precipitation and freezing level height over the foothills of the Himalayas during the Indian summer monsoon. <i>Climate Dynamics</i> , 2021, 57, 395-413.	1.7	11
1800	The South Asia Monsoon Break Promotes Grass Growth on the Tibetan Plateau. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005951.	1.3	15
1801	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
1802	Marine sedimentary records of chemical weathering evolution in the western Himalaya since 17 Ma. , 2021, 17, 824-853.		9
1803	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
1804	Observed Large-Scale Structures and Diabatic Heating Profiles of Precipitation Over the Tibetan Plateau and South China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033949.	1.2	2
1805	Storm types in India: linking rainfall duration, spatial extent and intensity. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200137.	1.6	7
1806	Atmosphere Driven Mass-Balance Sensitivity of Halji Glacier, Himalayas. <i>Atmosphere</i> , 2021, 12, 426.	1.0	13
1807	Impact of Climate Change on Past Indian Monsoon and Circulation: A Perspective Based on Radiogenic and Trace Metal Geochemistry. <i>Atmosphere</i> , 2021, 12, 330.	1.0	2
1808	Evaluation of Regional Land Surface Conditions Developed Using The High-Resolution Land Data Assimilation System (HRLDAS) with Satellite and Global Analyses Over India. <i>Pure and Applied Geophysics</i> , 2021, 178, 1405-1424.	0.8	1
1809	Prediction of dominant daily modes of the Indian summer monsoon in the NCEP GFS model. <i>Meteorology and Atmospheric Physics</i> , 2021, 133, 1009-1027.	0.9	1
1810	GOSAT CH4 Vertical Profiles over the Indian Subcontinent: Effect of a Priori and Averaging Kernels for Climate Applications. <i>Remote Sensing</i> , 2021, 13, 1677.	1.8	4
1811	How interactions between tropical depressions and western disturbances affect heavy precipitation in South Asia. <i>Monthly Weather Review</i> , 2021, , .	0.5	7
1812	Australian Northwest Cloudbands and Their Relationship to Atmospheric Rivers and Precipitation. <i>Monthly Weather Review</i> , 2021, 149, 1125-1139.	0.5	10
1813	Discrepancies of Upper Troposphere Summer Thermal Contrast Between Tibetan Plateau and Tropical Indian Ocean in Multiple Data. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	2
1814	Subseasonal-to-Seasonal Predictability of Onset Dates of South China Sea Summer Monsoon: A Perspective of Meridional Temperature Gradient. <i>Journal of Climate</i> , 2021, , 1-42.	1.2	18
1815	Synergistic impacts of anthropogenic fires and aridity on plant diversity in the Western Ghats: Implications for management of ancient social-ecological systems. <i>Journal of Environmental Management</i> , 2021, 283, 111957.	3.8	1
1816	Vegetation response to the Indian Summer Monsoon (ISM) variability during the Late-Holocene from the central Indian core monsoon zone. <i>Holocene</i> , 2021, 31, 1197-1211.	0.9	16

#	ARTICLE	IF	CITATIONS
1817	Two contrasting summer monsoon seasons in the recent past decade: An observational study. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	0
1818	Depthâ€Durationâ€Frequency of Extreme Precipitation Events Under Internal Climate Variability: Indian Summer Monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034193.	1.2	4
1819	Lateglacial and Holocene climate change in the NE Tibetan Plateau: Reconciling divergent proxies of Asian summer monsoon variability. <i>Catena</i> , 2021, 199, 105089.	2.2	15
1820	Relationships between subseasonalâ€toâ€seasonal predictability and spatial scales in tropical rainfall. <i>International Journal of Climatology</i> , 2021, 41, 5596.	1.5	3
1821	Does increasing the spatial resolution in dynamical downscaling impact climate change projection of Indian summer monsoon, population and GDP?. <i>Theoretical and Applied Climatology</i> , 2021, 145, 441-453.	1.3	4
1822	The Importance of the Orbital Parameters for the Indian Summer Monsoon During the Mid-Holocene, as Deciphered From Atmospheric Model Experiments. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	5
1823	ANN-Based Assessment of the Influence of Natural and Anthropogenic Forcing on Surface Air Temperature Variability Over the Indian Subcontinent. <i>Pure and Applied Geophysics</i> , 2021, 178, 1911.	0.8	0
1824	The Strengthening Association Between Siberian Snow and Indian Summer Monsoon Rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033779.	1.2	5
1825	Intraseasonal oscillation of the southwest monsoon over Sri Lanka and evaluation of its subseasonal forecast skill. <i>Atmospheric and Oceanic Science Letters</i> , 2021, 14, 100062.	0.5	4
1826	Effects of Tibetan Plateau Growth, Paratethys Sea Retreat and Global Cooling on the East Asian Climate by the Early Miocene. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009655.	1.0	17
1827	Illuminating Empirical Evidence of Climate Change: Impacts on Rice Production in the Punjab Regions, Pakistan. <i>Agricultural Research</i> , 2022, 11, 32-47.	0.9	22
1828	The influence of quasi-biennial oscillation on West African Rainfall. <i>Modeling Earth Systems and Environment</i> , 0, , 1.	1.9	1
1829	Comparison of <sc>MMCFS</sc> and <sc>SINTEXâ€F2</sc> for seasonal prediction of Indian summer monsoon rainfall. <i>International Journal of Climatology</i> , 2021, 41, 6084-6108.	1.5	4
1830	Moisture channels and pre-existing weather systems for East Asian rain belts. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	2.6	12
1831	Does statistical model perform at par with computationally expensive general circulation model for decadal prediction?. <i>Environmental Research Letters</i> , 2021, 16, 064028.	2.2	3
1832	Synergetic application of GRACE gravity data, global hydrological model, and in-situ observations to quantify water storage dynamics over Peninsular India during 2002â€2017. <i>Journal of Hydrology</i> , 2021, 596, 126069.	2.3	36
1833	Topâ€ofâ€Atmosphere Radiation Budget and Cloud Radiative Effects Over the Tibetan Plateau and Adjacent Monsoon Regions From CMIP6 Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034345.	1.2	13
1834	Response of the Indian summer monsoon to global warming, solar geoengineering and its termination. <i>Scientific Reports</i> , 2021, 11, 9791.	1.6	9

#	ARTICLE	IF	CITATIONS
1835	Impact of El Niño Southern Oscillation on Rainfall and Rice Production: A Micro-Level Analysis. <i>Agronomy</i> , 2021, 11, 1021.	1.3	5
1836	Influence of Tibetan Plateau on the North American summer monsoon precipitation. <i>Climate Dynamics</i> , 2021, 57, 3093-3110.	1.7	2
1837	Monsoonal climatic reconstruction from Central India during the last ca. 3600 cal yr: signatures of global climatic events, based on lacustrine sediment pollen records. <i>Palynology</i> , 2022, 46, 1-18.	0.7	7
1838	Associating Climatic Trends with Stochastic Modelling of Flow Sequences. <i>Geosciences (Switzerland)</i> , 2021, 11, 255.	1.0	3
1839	Assessing the land degradation and greening response to changes in hydro-climatic variables using a conceptual framework: A case study in central India. <i>Land Degradation and Development</i> , 2021, 32, 4132-4148.	1.8	12
1841	Precipitation over Indochina during the monsoon transition: modulation by Indian Ocean and ENSO regimes. <i>Climate Dynamics</i> , 2021, 57, 2491-2504.	1.7	8
1842	The Temporal and Spatial Changes of Ship-Contributed PM _{2.5} Due to the Inter-Annual Meteorological Variation in Yangtze River Delta, China. <i>Atmosphere</i> , 2021, 12, 722.	1.0	7
1843	Impacts of the seesaw mode between the Indian and East Asian summer monsoons on interannual variations in surface solar radiation across the low-latitude highlands of China. <i>International Journal of Climatology</i> , 2022, 42, 539-558.	1.5	2
1844	Regional perspectives in Eurasian snow - Indian monsoon relationship: An observational study. <i>Polar Science</i> , 2021, 30, 100718.	0.5	2
1845	Variability of the low-level circulation of the South American Monsoon analysed with complex networks. <i>European Physical Journal: Special Topics</i> , 2021, 230, 3101-3120.	1.2	5
1846	Seasonal climate influences on the timing of the Australian monsoon onset. <i>Weather and Climate Dynamics</i> , 2021, 2, 489-506.	1.2	9
1847	Holocene lake-level fluctuations of Selin Co on the central Tibetan plateau: Regulated by monsoonal precipitation or meltwater?. <i>Quaternary Science Reviews</i> , 2021, 261, 106919.	1.4	39
1848	Analysing the impacts of climate variability on the yield of Kharif rice over Punjab, Pakistan. <i>Natural Resources Forum</i> , 2021, 45, 329.	1.8	11
1849	Projections of South Asian Summer Monsoon Under Global Warming from 1.5Å° to 5Å°C. <i>Journal of Climate</i> , 2021, , 1-54.	1.2	7
1850	Influence of the Boreal Summer Intra-Seasonal Oscillation on rainfall in the Blue Nile Basin. <i>Climate Dynamics</i> , 2021, 57, 3433-3445.	1.7	3
1851	Seasonal prediction of Indian summer monsoon onset with echo state networks. <i>Environmental Research Letters</i> , 2021, 16, 074024.	2.2	6
1852	The Role of Vorticity Tilting in Northward-Propagating Monsoon Intraseasonal Oscillation. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093304.	1.5	15
1853	Intraseasonal variation of rainfall characteristics and latent heating profiles during southwest and northeast monsoon seasons over the Arabian Sea and Bay of Bengal. <i>Climate Dynamics</i> , 2022, 58, 1-15.	1.7	1

#	ARTICLE	IF	CITATIONS
1854	Impact of Stochastic Entrainment in the NCAR CAM Deep Convection Parameterization on the Simulation of South Asian Summer Monsoon. <i>Climate Dynamics</i> , 2021, 57, 3365-3384.	1.7	5
1855	Contrasting ecosystem responses to climatic events and human activity revealed by a sedimentary record from Lake Yilong, southwestern China. <i>Science of the Total Environment</i> , 2021, 783, 146922.	3.9	15
1856	Mid-Holocene monsoons in South and Southeast Asia: dynamically downscaled simulations and the influence of the Green Sahara. <i>Climate of the Past</i> , 2021, 17, 1645-1664.	1.3	5
1857	Editorial: The Asian Monsoon. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	1
1858	Long-Term Trends and Impact of SARS-CoV-2 COVID-19 Lockdown on the Primary Productivity of the North Indian Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
1859	Precipitation Distribution of the Extended Global Spring“Autumn Monsoon and Its Possible Formation Mechanism. <i>Journal of Ocean University of China</i> , 2021, 20, 1027-1036.	0.6	0
1860	Meridional displacement of the Asian jet and its impact on Indian summer monsoon rainfall in observations and CFSv2 hindcast. <i>Climate Dynamics</i> , 2022, 58, 811-829.	1.7	9
1861	Predicting climate anomalies: A real challenge. <i>Atmospheric and Oceanic Science Letters</i> , 2022, 15, 100115.	0.5	12
1862	Changes in extreme events over Asia for present and future climate conditions based on a modelling analysis of atmospheric circulation anomalies. <i>Theoretical and Applied Climatology</i> , 2021, 146, 689-711.	1.3	1
1863	Speculation for quantifying increased C4 plants under future climate conditions: Inner Mongolia, China case study. <i>Quaternary International</i> , 2021, 592, 97-110.	0.7	0
1864	Partitioning Solid and Liquid Precipitation over the Tibetan Plateau Based on Satellite Radar Observations. <i>Journal of Hydrometeorology</i> , 2021, , .	0.7	2
1865	Tracing the Origin of the South Asian Summer Monsoon Precipitation and Its Variability Using a Novel Lagrangian Framework. <i>Journal of Climate</i> , 2021, 34, 8655-8668.	1.2	10
1866	Heat wave characteristics over India during ENSO events. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	10
1867	Impact of horizontal resolution on monsoon precipitation for CORDEX-South Asia: A regional earth system model assessment. <i>Atmospheric Research</i> , 2021, 259, 105681.	1.8	25
1868	Migration of the Northern Boundary of the East Asian Summer Monsoon Over the Last 21,000“years. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035078.	1.2	17
1869	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. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2
1870	Tropical Western Pacific Hydrology During the Last 6,000“Years Based on Wildfire Charcoal Records From Borneo. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093832.	1.5	6
1871	Climate Precursors of Satellite Water Marker Index for Spring Cholera Outbreak in Northern Bay of Bengal Coastal Regions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10201.	1.2	0

#	ARTICLE	IF	CITATIONS
1872	Southern African monsoon: intraseasonal variability and monsoon indices. <i>Climate Dynamics</i> , 2022, 58, 1193-1220.	1.7	5
1873	Changes in Convective Activity Over the Indian Ocean and Neighbourhood in Relation to Onset, Withdrawal and Break Features of Monsoon. <i>Pure and Applied Geophysics</i> , 2021, 178, 3703.	0.8	0
1874	Long-term simulation of daily rainfall across India: Performance of cumulus convection schemes in regional climate model during southwest and northeast monsoon. <i>Atmospheric Research</i> , 2021, 259, 105675.	1.8	0
1875	Spatio-temporal rainfall trends in the Ganga River basin over the last century: understanding feedback and hydrological impacts. <i>Hydrological Sciences Journal</i> , 2021, 66, 2074-2088.	1.2	6
1876	A 479-Year Early Summer Temperature Reconstruction Based on Tree-Ring in the Southeastern Tibetan Plateau, China. <i>Atmosphere</i> , 2021, 12, 1251.	1.0	4
1877	Spatial variability of south Asian summer monsoon extreme rainfall events and their association with global climate indices. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 221, 105708.	0.6	10
1878	Evaluation of spatiotemporal dynamics of water storage changes at block level for sustainable water management in Howrah District of West Bengal. <i>Environment, Development and Sustainability</i> , 0, , 1.	2.7	4
1879	Assessment of Snowmaking Conditions Based on Meteorological Reconstruction in the Beijingâ€Zhangjiakou Mountain Area of North China in 1978â€2017. <i>Journal of Applied Meteorology and Climatology</i> , 2021, 60, 1189-1205.	0.6	1
1880	An overview of Holocene monsoon variability of Sri Lanka and its association with Indian subcontinent climate records. <i>Ceylon Journal of Science</i> , 2021, 50, 207.	0.1	2
1881	Multiscale interactions between monsoon intra-seasonal oscillations and low pressure systems that produce heavy rainfall events of different spatial extents. <i>Journal of Climate</i> , 2021, , 1-36.	1.2	1
1882	Warmingâ€Induced Northwestward Migration of the Asian Summer Monsoon in the Geological Past: Evidence From Climate Simulations and Geological Reconstructions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035190.	1.2	17
1883	Magnitude, Scale, and Dynamics of the 2020 Mei-yu Rains and Floods over China. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 2082-2096.	1.9	12
1884	East Asian Summer Monsoon Rainfall Anomalies in 2020 and the Role of Northwest Pacific Anticyclone on the Intraseasonalâ€toâ€Interannual Timescales. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034607.	1.2	5
1885	Indian summer monsoon variability over North-East India: Impact of ENSO and IOD. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 221, 105705.	0.6	9
1886	Impact of Indian Summer Monsoon Change on Ancient Indian Civilizations During the Holocene. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
1887	Decoding the Karakoram Anomaly. <i>Science of the Total Environment</i> , 2021, 788, 147864.	3.9	15
1888	Mesoscale Convective Systems Dominate the Energetics of the South Asian Summer Monsoon Onset. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094873.	1.5	8
1889	Intriguing aspects of rainfall initiation over rainshadow region during boreal summer monsoon. <i>Atmospheric Research</i> , 2021, 261, 105746.	1.8	3

#	ARTICLE	IF	CITATIONS
1890	A Moments View of Climatology and Variability of the Asian Summer Monsoon Anticyclone. Journal of Climate, 2021, 34, 7821-7841.	1.2	9
1891	Geochemistry and mineralogy of the sediments in the New Britain shelf-trench continuum, offshore Papua New Guinea: Insights into sediment provenance and burial in hadal trenches. Deep-Sea Research Part I: Oceanographic Research Papers, 2021, 177, 103621.	0.6	3
1892	Miocene East Asia summer monsoon precipitation variability and its possible driving forces. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 581, 110609.	1.0	13
1893	Tectonic and climatic controls on the Plio-Pleistocene evolution of sediment discharge from Papua New Guinea. Marine Geology, 2021, 441, 106627.	0.9	4
1894	Nutrient cycling in tropical and temperate coastal waters: Is latitude making a difference?. Estuarine, Coastal and Shelf Science, 2021, 262, 107571.	0.9	19
1895	Water quality and health risk assessment of the water bodies in the Yamdrok-tso basin, southern Tibetan Plateau. Journal of Environmental Management, 2021, 300, 113740.	3.8	11
1896	Role of Regional Parameters in Inter-annual Variation of Indian Summer Monsoon Rainfall. Applied Ecology and Environmental Sciences, 2021, 9, 123-129.	0.1	1
1897	Cloud radar observations of multi-scale variability of cloud vertical structure associated with Indian summer monsoon over a tropical location. Climate Dynamics, 2021, 56, 1055-1081.	1.7	13
1898	The decaying phase of El Niño and Indian summer monsoon rainfall. , 2021, , 91-104.		1
1899	Modulation of monsoon intraseasonal oscillations in the recent warming period. Journal of Geophysical Research D: Atmospheres, 2014, 119, 5185-5203.	1.2	40
1900	Impacts of Present and Future Climate Variability and Change on Agriculture and Forestry in the Arid and Semi-Arid Tropics. , 2005, , 31-72.		36
1901	INTERACTIONS AND FEEDBACKS BETWEEN CLIMATE AND DRYLAND VEGETATIONS. , 2006, , 85-105.		5
1902	Mount Logan Ice Core Evidence for Changes in the Hadley and Walker Circulations Following the end of the Little Ice Age. Advances in Global Change Research, 2004, , 371-395.	1.6	6
1903	Year-To-Year Variability in the Hadley and Walker Circulations from NCEP/NCAR Reanalysis Data. Advances in Global Change Research, 2004, , 153-171.	1.6	6
1904	Evolution and Development of the Indian Monsoon. Springer Geology, 2020, , 499-535.	0.2	8
1905	Critical Evaluation and Assessment of Average Annual Precipitation in The Indus, The Ganges and The Brahmaputra Basins, Northern India. Society of Earth Scientists Series, 2015, , 67-84.	0.2	5
1906	Climate of China and East Asian Monsoon. , 2008, , 1-48.		1
1907	Interannual Variability of Summer Climate of China in Association with ENSO and the Indian Ocean Dipole. , 2008, , 119-154.		6

#	ARTICLE	IF	CITATIONS
1908	Modeling intraseasonal variability. , 2012, , 399-431.		3
1909	South Asian monsoon. , 2012, , 21-72.		39
1910	Australasian monsoon. , 2012, , 147-197.		7
1911	Impact of Drought and Flood on Indian Food Grain Production. , 2011, , 421-433.		7
1912	Global Change and Biogeochemical Cycles: the South Asia Region. , 2002, , 75-107.		2
1913	The Stationarity of Lead-Lag Teleconnections with East Africa Rainfall and its Incidence on Seasonal Predictability. , 2001, , 291-307.		4
1914	Paleoclimate from Corals. Encyclopedia of Earth Sciences Series, 2011, , 777-785.	0.1	2
1915	Climate in Asia and the Pacific: Climate Variability and Change. Advances in Global Change Research, 2014, , 17-57.	1.6	8
1916	Chinese Loess and the East Asian Monsoon. Developments in Paleoenvironmental Research, 2014, , 23-143.	7.5	11
1917	Precipitation Changes in India. , 2020, , 47-72.		40
1918	Future change of Asian-Australian monsoon under RCP 4.5 anthropogenic warming scenario. , 2014, 42, 83.		1
1919	Investigating Indian summer monsoon in coupled regional land-atmosphere downscaling experiments using RegCM4. Climate Dynamics, 2020, 54, 2959-2980.	1.7	18
1920	Enhanced spring convective barrier for monsoons in a warmer world?. , 2011, 104, 403.		1
1921	MONSOONS Overview. , 2003, , 1365-1370.		6
1922	MONSOON Prediction. , 2003, , 1391-1400.		4
1924	Indian Ocean Variability and Interactions. , 2020, , 153-185.		2
1926	Precursor Effect of the Tibetan Plateau Heating Anomaly on the Seasonal March of the East Asian Summer Monsoon Precipitation. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032948.	1.2	26
1927	Interdecadal changes in the zonal wind and the intensity of intraseasonal oscillations during boreal summer Asian monsoon. Tellus, Series A: Dynamic Meteorology and Oceanography, 2002, 54, 288-298.	0.8	19

#	ARTICLE	IF	CITATIONS
1928	â€œThe Most Horrible of Evilsâ€™: Social Responses to Drought and Famine in the Bombay Presidency, 1782â€™1857. , 2016, , 79-104.		4
1930	Teleconnection patterns of precipitation in the Three-River Headwaters region, China. Environmental Research Letters, 2020, 15, 104050.	2.2	26
1931	Effects of the South Asian summer monsoon anomaly on interannual variations in precipitation over the South-Central Tibetan Plateau. Environmental Research Letters, 2020, 15, 124067.	2.2	24
1932	The spatio-temporal structures and role of low- and high-frequency intraseasonal modes in Indian Summer monsoon rainfall observed in TRMM data. , 2016, , .		1
1933	PALEOCLIMATE: Hydrological Changes in Africa. Science, 2001, 292, 2259-2260.	6.0	44
1935	Understanding the El NiÃ±oâ€™Southern Oscillation and Its Interactions with the Indian Ocean and Monsoon. , 2008, , 3-22.		3
1936	MODELLING MONSOONS: UNDERSTANDING AND PREDICTING CURRENT AND FUTURE BEHAVIOUR. World Scientific Series on Asia-Pacific Weather and Climate, 2011, , 421-454.	0.2	14
1937	Tropical Axisymmetric Mode of Variability in the Atmospheric Circulation: Dynamics as a Neutral Mode*. Journal of Climate, 2002, 15, 1537-1554.	1.2	5
1938	Sensitivity of a Coupled Single-Column Model in the Tropics to Treatment of the Interfacial Parameterizations. Journal of Climate, 2002, 15, 1805-1831.	1.2	25
1939	Local and Nonlocal Impacts of Soil Moisture Initialization on AGCM Seasonal Forecasts: A Model Sensitivity Study. Journal of Climate, 2003, 16, 2117-2137.	1.2	43
1940	Seasonality in SST-Forced Atmospheric Short-Term Climate Predictability. Journal of Climate, 2004, 17, 3090-3108.	1.2	21
1941	Diagnostic Metrics for Evaluating Model Simulations of the East Asian Monsoon. Journal of Climate, 2020, 33, 1777-1801.	1.2	14
1942	Near-Global Atmospheric Responses to Observed Springtime Tibetan Plateau Snow Anomalies. Journal of Climate, 2020, 33, 1691-1706.	1.2	15
1943	Development, Amplification, and Decay of Atlantic/European Summer Weather Patterns Linked to Spring North Atlantic Sea Surface Temperatures. Journal of Climate, 2020, 33, 5939-5951.	1.2	16
1944	The South Asian Monsoon Circulation in Moist Isentropic Coordinates. Journal of Climate, 2020, 33, 5253-5270.	1.2	6
1945	Potential Predictability of the Silk Road Pattern and the Role of SST as Inferred from Seasonal Hindcast Experiments of a Coupled Climate Model. Journal of Climate, 2020, 33, 9567-9580.	1.2	4
1946	Climatic Change - Implications for Indiaâ€™s Water Resources. , 2005, , 155-196.		3
1947	Indian Summer Monsoon Rainfall: Implications of Contrasting Trends in the Spatial Variability of Means and Extremes. PLoS ONE, 2016, 11, e0158670.	1.1	113

#	ARTICLE	IF	CITATIONS
1949	Expedition 353 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	14
1950	Performance of cumulus parameterization schemes in the simulation of Indian Summer Monsoon using RegCM4. Atmosfera, 2017, 30, 287-309.	0.3	20
1952	Interannual Atmosphere-Ocean Variations in the Tropical Western North Pacific Relevant to the Asian Summer Monsoon-ENSO Coupling.. Journal of the Meteorological Society of Japan, 2001, 79, 883-898.	0.7	37
1953	Processes that Determine the Quasi-Biennial and Lower-Frequency Variability of the South Asian Monsoon.. Journal of the Meteorological Society of Japan, 2002, 80, 1149-1163.	0.7	31
1954	Seasonal Forecasts of Precipitation Anomalies for North American and Asian Monsoons.. Journal of the Meteorological Society of Japan, 2002, 80, 1415-1426.	0.7	38
1955	Equatorially Symmetric Impact of the El Nino-Southern Oscillation on the South Asian Summer Monsoon System. Journal of the Meteorological Society of Japan, 2003, 81, 1329-1352.	0.7	27
1956	Monsoon Variability in the Himalayas under the Condition of Global Waming. Journal of the Meteorological Society of Japan, 2003, 81, 251-257.	0.7	35
1957	The Indian Summer Monsoon and its Sensitivity to the Mean SSTs: Simulations with the ECHAM4 AGCM at T106 Horizontal Resolution.. Journal of the Meteorological Society of Japan, 2003, 81, 57-83.	0.7	12
1958	The Seasonal-scale Persistence of Tropical Tropospheric Temperature Associated with the El Nino/Southern Oscillation. Journal of the Meteorological Society of Japan, 2003, 81, 581-598.	0.7	4
1959	Remote and Local SST Forcing in Shaping Asian-Australian Monsoon Anomalies. Journal of the Meteorological Society of Japan, 2005, 83, 153-167.	0.7	23
1960	The Rainfall Phenomena during the Pre-monsoon Period over the Indochina Peninsula in the GAME-IOP Year, 1998. Journal of the Meteorological Society of Japan, 2005, 83, 89-106.	0.7	32
1961	Seasonal Heating Processes over the Indochina Peninsula and the Bay of Bengal Prior to the Monsoon Onset in 1998. Journal of the Meteorological Society of Japan, 2006, 84, 375-387.	0.7	7
1962	Ensemble Simulation of Indian Summer Monsoon Rainfall by an Atmospheric General Circulation Model. Journal of the Meteorological Society of Japan, 2007, 85, 213-231.	0.7	5
1963	Features of the Indian Summer Monsoon 2004-Observed and Model Forecasts. Journal of the Meteorological Society of Japan, 2007, 85A, 325-336.	0.7	2
1964	A Numerical Study of the Hydrometeorological Dryline in Northwest India During the Monsoon. Journal of the Meteorological Society of Japan, 2007, 85A, 337-361.	0.7	13
1965	Role of Land-Atmosphere Interaction on Asian Monsoon Climate. Journal of the Meteorological Society of Japan, 2007, 85B, 55-75.	0.7	40
1967	Seasonal and interannual variations of surface climate elements over Vietnam. Climate Research, 2009, 40, 49-60.	0.4	69
1968	Climate science in support of sustainable agriculture and food security. Climate Research, 2011, 47, 95-110.	0.4	29

#	ARTICLE	IF	CITATIONS
1969	Annual regional precipitation variations from a 700-year tree-ring record in south Tibet, western China. <i>Climate Research</i> , 2012, 53, 25-41.	0.4	15
1970	Seasonal forecasting of tropical cyclone activity in the coastal region of Vietnam using RegCM4.2. <i>Climate Research</i> , 2015, 62, 115-129.	0.4	15
1971	Projection of future monsoon precipitation over the central Himalayas by CMIP5 models under warming scenarios. <i>Climate Research</i> , 2018, 75, 1-21.	0.4	24
1972	The Monsoon over the Barents Sea and Kara Sea. <i>Atmospheric and Climate Sciences</i> , 2020, 10, 339-356.	0.1	6
1973	Role of Turbulent Heat Fluxes over Land in the Monsoon over East Asia. <i>International Journal of Geosciences</i> , 2011, 02, 420-431.	0.2	22
1974	Understanding the Role of Monsoon Depressions on Intraseasonal Oscillations over Indian Sub-Continent. <i>International Journal of Geosciences</i> , 2018, 09, 236-253.	0.2	1
1975	Report of a three-year monitoring programme at Heshang Cave, Central China. <i>International Journal of Speleology</i> , 2008, 37, 143-151.	0.4	60
1982	Comparison of East Asian winter monsoon indices. <i>Advances in Geosciences</i> , 0, 10, 31-37.	12.0	20
1983	Remote ENSO forcing versus local air-sea interaction in QTCM: a sensitivity study to intraseasonal variability. <i>Advances in Geosciences</i> , 0, 6, 289-297.	12.0	7
1987	On the low-frequency component of the ENSO-Indian monsoon relationship: a paired proxy perspective. <i>Climate of the Past</i> , 2014, 10, 733-744.	1.3	15
1988	The evolution of sub-monsoon systems in the Afro-Asian monsoon region during the Holocene: comparison of different transient climate model simulations. <i>Climate of the Past</i> , 2015, 11, 305-326.	1.3	25
1989	Dynamics of primary productivity in the northeastern Bay of Bengal over the last 26,000 years. <i>Climate of the Past</i> , 2020, 16, 1969-1986.	1.3	12
1999	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
2000	The impact of land cover generated by a dynamic vegetation model on climate over east Asia in present and possible future climate. <i>Earth System Dynamics</i> , 2015, 6, 147-160.	2.7	5
2007	The effect of seasonally and spatially varying chlorophyll on Bay of Bengal surface ocean properties and the South Asian monsoon. <i>Weather and Climate Dynamics</i> , 2020, 1, 635-655.	1.2	4
2008	Interocean Exchange of Thermocline Water: Indonesian Throughflow; "Tassie" Leakage; Agulhas Leakage. , 2010, , .		12
2009	Modeling the Monsoons in a Changing Climate. , 0, , .		1
2010	Remote Effects of IOD and ENSO on Motivating the Atmospheric Pattern Favorable for Snowfall Over the Tibetan Plateau in Early Winter. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	3

#	ARTICLE	IF	CITATIONS
2011	Properties of Mesoscale Convective Systems Throughout Their Lifetimes Using IMERG, GPM, WWLLN, and a Simplified Tracking Algorithm. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035264.	1.2	7
2012	Study of GPS-retrieved integrated precipitable water over Bangalore. <i>Mausam</i> , 2021, 72, 553-570.	0.1	1
2013	Color Reflectance of Coastal Sediments in the South Bohai Sea and its Implication to Orbital Forcing of East Asian Summer Monsoon. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2
2014	Variability in air-pollutants, aerosols, and associated meteorology over peninsular India and neighboring ocean regions during COVID-19 lockdown to unlock phases. <i>Atmospheric Pollution Research</i> , 2021, 12, 101231.	1.8	3
2015	Environmental Change Affecting the Rice Production in Thailand and in Monsoon Asia. <i>Geographical Review of Japan</i> , 2000, 73, 178-190.	0.2	0
2016	El Niño signals contained in precipitation at the East China Sea. <i>Climate Research</i> , 2002, 23, 31-38.	0.4	2
2017	MONSOON ENSO Monsoon Interactions. , 2003, , 1386-1391.		1
2018	The Study on Role and Variability of Somali Jet in the Course of Asian Monsoon Formation. <i>Suimon Mizu Shigen Gakkaishi</i> , 2003, 16, 225-235.	0.1	0
2019	TROPICAL METEOROLOGY Tropical Climates. , 2003, , 2338-2345.		0
2020	Radiative Feedbacks and Monsoon Circulations: A View from Simplified Models. , 2005, , 1543-1555.		0
2021	Multi-Scale Interactions and Predictability of the Indian Summer Monsoon. , 2005, , 311-340.		0
2022	Climatic Change - Implications for India's Water Resources. , 2005, , 179-220.		6
2023	Numerical Simulation of the Asian Monsoon for the Mid-Holocene Using a Numerical Model. <i>Ocean and Polar Research</i> , 2005, 27, 289-297.	0.3	0
2024	Display Wall Empowered Visual Mining for CEOP Data Archive. <i>Journal of the Meteorological Society of Japan</i> , 2007, 85A, 545-559.	0.7	0
2025	The Interdecadal Variation of Relationship between Indian Ocean Sea Surface Temperature and East Asian Summer Monsoon. <i>Journal of the Korean Earth Science Society</i> , 2008, 29, 45-59.	0.0	2
2026	Propagating Coupled Modes between the Tropical Indo-Pacific Ocean Heat Content and SST Anomalies in the Interannual Timescale. <i>Journal of the Meteorological Society of Japan</i> , 2009, 87, 307-333.	0.7	2
2027	Numerical Simulation of the Genesis of Cyclone Nargis Using a Global Cloud-System Resolving Model, <i>NICAM</i> . , 2010, , 65-72.		1
2028	OXYGEN ISOTOPE CHARACTERISTIC AND PALEOCEANOGRAPHIC VARIATIONS OF THE WESTERN PACIFIC WARM POOL SINCE PLIOCENE. <i>Marine Geology & Quaternary Geology</i> , 2010, 30, 87-96.	0.1	0

#	ARTICLE	IF	CITATIONS
2030	Managing Land and Water under Changing Climatic Conditions in India: A Critical Perspective. Journal of Environmental Protection, 2012, 03, 1054-1062.	0.3	2
2031	Weather Prediction Models. , 2012, , 12062-12079.		1
2033	A General Circulation Model en Route to Intraseasonal Monsoon Chaos. Understanding Complex Systems, 2013, , 63-99.	0.3	3
2034	COCCOLITH VARIATIONS IN CENTRAL WEST PACIFIC WARM POOL AND THEIR RESPONSE TO ENVIRONMENTAL CHANGE DURING LATE QUATERNARY. Marine Geology & Quaternary Geology, 2013, 32, 115-121.	0.1	0
2035	Atmospheric Tracers and the Monsoon System: Lessons Learnt from the 1991 Kuwait Oil Well Fires. Springer Proceedings in Complexity, 2014, , 371-410.	0.2	1
2036	Asian Summer Monsoon Viewed from Energy Budget.. Papers in Meteorology and Geophysics, 1999, 49, 75-101.	0.9	0
2041	Western Disturbances â€œ Indian Winter Monsoon. , 2016, , 83-111.		1
2042	Modified Multivisceral Transplant After Acute Abdominal Trauma. Experimental and Clinical Transplantation, 2016, 14, 235-7.	0.2	0
2043	Global Monsoon. Springer Atmospheric Sciences, 2017, , 153-213.	0.4	0
2044	Global Monsoon: Interannual-to-Centennial Variability and Future Changes. World Scientific Series on Asia-Pacific Weather and Climate, 2017, , 279-287.	0.2	1
2045	Severe Drought after an Absence of 37 Years: Less Precipitation on Chichi-jima in the Ogasawara (Bonin) Islands from 2016 to 2017. Journal of Geography (Chigaku Zasshi), 2018, 127, 1-19.	0.1	6
2046	An Overview of the El NiÃ±o, La NiÃ±a, and the Southern Oscillation Phenomena: Theory, Observations, and Modeling Links. , 2019, , 1-18.		0
2047	Evolution of the Indian summer monsoon rainfall simulations from CMIP3 to CMIP6 models. Climate Dynamics, 2022, 58, 2637-2662.	1.7	29
2048	Role of equatorial Indian Ocean convection on the Indian summer monsoon. Mausam, 2021, 72, 457-462.	0.1	1
2049	Association between Antarctic Sea ice, Pacific SST and the Indian summer monsoon: An observational study. Polar Science, 2021, 30, 100746.	0.5	4
2050	Climate change in the High Mountain Asia in CMIP6. Earth System Dynamics, 2021, 12, 1061-1098.	2.7	40
2051	Rapid Northwestward Extension of the East Asian Summer Monsoon Since the Last Deglaciation: Evidence From the Mollusk Record. Frontiers in Earth Science, 2021, 9, .	0.8	2
2052	Eustatic, Climatic, and Oceanographic Influences on Geomorphology and Architecture of Isolated Carbonate Platforms: Miocene, Northwest Shelf, Australia. Lithosphere, 2020, 2020, .	0.6	7

#	ARTICLE	IF	CITATIONS
2053	Annual Cycle of East Asian Precipitation Simulated by CMIP6 Models. <i>Atmosphere</i> , 2021, 12, 24.	1.0	9
2054	Sensitivity of Soil Water in Community Atmosphere Model (CAM3) for Indian Summer Monsoon (ISM). <i>International Journal of Environment and Climate Change</i> , 0, , 397-410.	0.0	0
2055	Formation and dissipation dynamics of the Asian tropopause aerosol layer. <i>Environmental Research Letters</i> , 2021, 16, 014015.	2.2	5
2056	Regional Characteristics of Cloud Radiative Effects before and after the South China Sea Summer Monsoon Onset. <i>Journal of Meteorological Research</i> , 2020, 34, 1167-1182.	0.9	5
2057	Late quaternary environmental history of Indonesia. , 2022, , 347-369.		0
2058	Endophytic Phytobiomes as Defense Elicitors: Current Insights and Future Prospects. , 2020, , 299-334.		0
2060	Faktor Osean " Atmosfer untuk Memprediksi Titik Panas (Hotspot) di Wilayah Asia Tenggara Bagian Selatan. <i>Jurnal Geocelebes</i> , 0, , 116-130.	0.1	1
2061	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
2062	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
2063	The Oceanic Barrier Layer in the Eastern Indian Ocean as a Predictor for Rainfall Over Indonesia and Australia. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094519.	1.5	7
2064	The Preferred Structure of the Interannual Indian Monsoon Variability. , 2007, , 1717-1732.		3
2065	Variability of Convective Activity over the North Indian Ocean and its Associations with Monsoon Rainfall over India. , 2007, , 1527-1545.		0
2067	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
2068	Impact of Climate Change Over Southeast Asia and Its Adjacent Regions on Global Climate. <i>Springer Climate</i> , 2021, , 303-356.	0.3	1
2069	Subseasonal to Seasonal Prediction of Atmospheric Circulation and Rainfall Over Southeast Asia. <i>Springer Climate</i> , 2021, , 357-420.	0.3	2
2071	Variability of the Oceans. , 2020, , 1-53.		2
2072	Teleconnections in the Atmosphere. , 2020, , 54-88.		2
2073	Atmosphere"Ocean Interactions. , 2020, , 89-119.		2

#	ARTICLE	IF	CITATIONS
2074	Interacting Interannual Variability of the Pacific and Atlantic Oceans. , 2020, , 120-152.		2
2075	The Arctic Mediterranean. , 2020, , 186-215.		1
2076	Combined Oceanic Influences on Continental Climates. , 2020, , 216-257.		2
2077	Basin Interactions and Predictability. , 2020, , 258-292.		3
2078	Climate Change and Impacts on Variability and Interactions. , 2020, , 293-337.		0
2080	Precipitation in Earth system models: advances and limitations. , 2022, , 637-659.		1
2081	Holocene vegetation and climate change from central India: An updated and a detailed pollen-based review. , 2022, , 129-163.		7
2082	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
2083	Holocene vegetation, climate, and culture in Northeast India: a pollen data—based review. , 2022, , 611-628.		0
2084	Bond events and monsoon variability during Holocene—Evidence from marine and continental archives. , 2022, , 293-339.		0
2085	Influence of climate on multiple tree-ring parameters of <i>Pinus kesiya</i> from Manipur, Northeast India. <i>Dendrochronologia</i> , 2022, 71, 125906.	1.0	6
2087	Predictable Pattern of Precipitation Over Asian Summer Monsoon Regions. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095824.	1.5	3
2088	Network-Based Approach and Climate Change Benefits for Forecasting the Amount of Indian Monsoon Rainfall. <i>Journal of Climate</i> , 2022, 35, 1009-1020.	1.2	7
2089	Impacts of Bias—Corrected ERA5 Initial Snow Depth on Dynamical Downscaling Simulations for the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, .	1.2	7
2090	Utility and Triggers in Uptake of Agricultural Weather and Climate Information Services in Senegal, West Africa. <i>Atmosphere</i> , 2021, 12, 1515.	1.0	7
2091	Increasing incidence of Arabian Sea cyclones during the monsoon onset phase: Its impact on the robustness and advancement of Indian summer monsoon. <i>Atmospheric Research</i> , 2022, 267, 105915.	1.8	7
2092	Atmospheric dynamics and internal processes in CFSv2 model during organization and intensification of BSISO. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	1
2093	BrGDGTs-based temperature and hydrological reconstruction from fluvio-lacustrine sediments in the monsoonal North China Plain since 31 kyr BP. <i>Quaternary Science Reviews</i> , 2022, 277, 107268.	1.4	8

#	ARTICLE	IF	CITATIONS
2094	Application of Z-numbers to teleconnection modeling between monthly precipitation and large scale sea surface temperature. <i>Hydrology Research</i> , 2022, 53, 1-13.	1.1	11
2095	A review on the monthly and seasonal forecast of the Indian summer monsoon. <i>Mausam</i> , 2021, 70, 425-442.	0.1	7
2096	Studying monthly rainfall over Dibrugarh, Assam: Use of SARIMA approach. <i>Mausam</i> , 2021, 68, 349-356.	0.1	6
2097	Skill of the Extended Range Prediction (ERP) for Indian Summer Monsoon Rainfall with NCMRWF Global Coupled Modelling System. <i>Quarterly Journal of the Royal Meteorological Society</i> , 0, , .	1.0	1
2098	One million years of seasonal seesaw in East Asian monsoon winds. <i>Quaternary Science Reviews</i> , 2021, 274, 107277.	1.4	3
2099	Millennial-scale variability of Indian summer monsoon constrained by the western Bay of Bengal sediments: Implication from geochemical proxies of sea surface salinity and river runoff. <i>Global and Planetary Change</i> , 2022, 208, 103719.	1.6	5
2100	Assessing the Representation of Intraseasonal Oscillation-Related Ocean Forcing in the Tropics in Atmospheric Reanalyses. <i>Journal of the Meteorological Society of Japan</i> , 2022, , .	0.7	0
2101	Assessing impact of dry spells on the principal rainfed crops in major dryland regions of India. <i>Agricultural and Forest Meteorology</i> , 2022, 313, 108768.	1.9	10
2102	Connection between the South and East Asian Monsoons: Comparing Summer Monsoon Rainfall of Pakistan and South Korea. <i>International Journal of Economic and Environment Geology</i> , 2020, 11, 6-11.	0.2	0
2103	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
2104	The Effect Of An Equatorial Continent On The Tropical Rain Belt. Part 2: Summer Monsoons. <i>Journal of Climate</i> , 2022, , 1-52.	1.2	0
2105	Relationship between the Indo-western Pacific Ocean capacitor mode and Indian summer monsoon rainfall in CMIP6 models. <i>Climate Dynamics</i> , 0, , 1.	1.7	2
2106	Will population exposure to heat extremes intensify over Southeast Asia in a warmer world?. <i>Environmental Research Letters</i> , 2022, 17, 044006.	2.2	19
2107	Predictive relationships between Indian Ocean sea surface temperatures and Indian summer monsoon rainfall. <i>Mausam</i> , 2022, 53, 337-348.	0.1	20
2108	Regional Characteristics of Precipitation in the Nanpan River Basin, China. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	1
2109	Demonstrating the potential of regional ocean model system in simulating the upper ocean characteristic over the Arabian Sea: impact of horizontal resolution. <i>Theoretical and Applied Climatology</i> , 2022, 148, 427-439.	1.3	1
2110	Subseasonal Variation of 2020 Meiyu Rainfall With Extremely Long Duration Over the Yangtzeâ€“Huaihe River Basin in China. <i>Frontiers in Earth Science</i> , 2022, 9, .	0.8	1
2111	Decadal and epochal variation of frequency and duration of monsoon disturbances and their secular relationship with rainfall over India. <i>Mausam</i> , 2022, 55, 397-408.	0.1	1

#	ARTICLE	IF	CITATIONS
2112	Distinct impacts of vapor transport from the tropical oceans on the regional glacier retreat over the Qinghai-Tibet Plateau. <i>Science of the Total Environment</i> , 2022, 823, 153545.	3.9	12
2113	Regional precipitation variations during Heinrich events and Dansgaard-Oeschger cycles in the northern margin of the East Asian summer monsoon region. <i>Quaternary Science Reviews</i> , 2022, 278, 107380.	1.4	5
2114	Abrupt hydroclimatic changes in southern China during the transition from the Little Ice Age to Current Warm Period. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 590, 110859.	1.0	1
2115	Luminescence chronology of Late Quaternary palaeo-lake deposits from the Upper Alaknanda Basin, Uttarakhand, India: Implication to palaeoclimate and depositional settings. <i>Journal of Asian Earth Sciences</i> , 2022, 227, 105079.	1.0	2
2116	â€œæµ.â€œž éžžžçˆ†â€œ’Ææ’ é€çš,,â€œæ—¶é—’â°â° â€œâÆ—âšâ...¶æœ°âˆ¶ç”ç©¶èž»â±•. <i>SCIENTIA SINICA Terrae</i> , 2022, 0.1		0
2117	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
2118	Variability and Predictability of the Northeast India Summer Monsoon Season Rainfall (Neir). <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
2119	From desert to monsoon: irreversible climatic transition atâ€‰%~â€‰%36ÂMa in southeastern Tibetan Plateau. <i>Progress in Earth and Planetary Science</i> , 2022, 9, .	1.1	19
2120	Revisiting the linear instability view of the South Asian monsoon onset. <i>Theoretical and Applied Climatology</i> , 0, , 1.	1.3	0
2121	New insight into pattern divergence of the Indian summer monsoon during the Holocene. <i>Holocene</i> , 2022, 32, 597-608.	0.9	1
2122	Bias correction method of high-resolution satellite-based precipitation product for Peninsular Malaysia. <i>Theoretical and Applied Climatology</i> , 2022, 148, 1429-1446.	1.3	15
2123	Tracing the convective sources of air at tropical tropopause during the active and break phases of Indian summer monsoon. <i>Climate Dynamics</i> , 2022, 59, 2717-2734.	1.7	3
2124	Local Insolation Drives Afroâ€œAsian Monsoon at Orbitalâ€œScale in Holocene. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	13
2125	The Interannual variability of rainfall over homogeneous regions of Indian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2022, 148, 1303-1316.	1.3	3
2126	The role of climate change in food security; empirical evidence over Punjab regions, Pakistan. <i>Environmental Science and Pollution Research</i> , 2022, 29, 53718-53736.	2.7	19
2127	Inter- and Intra-Annual Glacier Elevation Change in High Mountain Asia Region Based on ICESat-1&2 Data Using Elevation-Aspect Bin Analysis Method. <i>Remote Sensing</i> , 2022, 14, 1630.	1.8	16
2128	Past, Present and Future Perspectives of Seasonal Prediction of Indian Summer Monsoon Rainfall: A Review. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 591-615.	1.3	9
2129	Paleoclimatic and paleoceanographic records from the Bay of Bengal sediments during the last 30Âka. <i>Journal of Asian Earth Sciences</i> , 2022, 229, 105169.	1.0	9

#	ARTICLE	IF	CITATIONS
2130	Synchronous millennial surface-stratified events with AMOC and tropical dynamic changes in the northeastern Indian Ocean over the past 42 ka. <i>Quaternary Science Reviews</i> , 2022, 284, 107495.	1.4	8
2131	Carbon-offset potential from tropical seagrass conservation in selected areas of Indonesia. <i>Marine Pollution Bulletin</i> , 2022, 178, 113605.	2.3	3
2132	A new stalagmite oxygen isotope record over the last 1350 years: Insights into spatial variation in Asian summer monsoon and temperature forcing. <i>Quaternary Science Reviews</i> , 2022, 284, 107499.	1.4	3
2133	Variability of scatterometer based surface vorticity over Arabian Sea and its use in monsoon onset forecasting. <i>Mausam</i> , 2021, 62, 361-374.	0.1	0
2134	Applicability of the Long Chain Diol Index (LDI) as a Sea Surface Temperature Proxy in the Arabian Sea. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, .	1.3	4
2135	Intraseasonal variability of global land monsoon precipitation and its recent trend. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	44
2136	A New Emergent Constraint Corrected Projections of Indian Summer Monsoon Rainfall. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
2137	Strong coupling of the East Asian summer monsoon and hydroclimate footprints during 53â€“47Âka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 597, 111003.	1.0	1
2138	Seasonal-to-interannual variability. , 0, , 418-431.		0
2140	Power spectrum analysis of pre-monsoon season rainfall over Andhra Pradesh and Telangana. <i>AIP Conference Proceedings</i> , 2022, , .	0.3	0
2141	Multi-scale climate variations and mechanisms of the onset and withdrawal of the South China Sea summer monsoon. <i>Science China Earth Sciences</i> , 2022, 65, 1030-1046.	2.3	17
2142	Diurnal variability of lower and middle atmospheric water vapour over the Asian summer monsoon region: first results from COSMIC-1 and TIMED-SABER measurements. <i>Climate Dynamics</i> , 2022, 59, 3519-3533.	1.7	1
2143	Pollen characters and their evolutionary and taxonomic significance: using light and confocal laser scanning microscope to study diverse plant pollen taxa from central India. <i>Palynology</i> , 2022, 46, 1-13.	0.7	5
2144	Distinct impacts of two types of South Asian high on the connection of the summer rainfall over India and north China. <i>International Journal of Climatology</i> , 2022, 42, 8056-8072.	1.5	6
2145	Validation of NCUM Model Forecasts Against FAAM Aircraft Observations Over Monsoon Trough Region: A Diagnostic Case Study. <i>Pure and Applied Geophysics</i> , 0, , .	0.8	0
2146	Asian rainfall anomaly patterns associated with interannual variations of early and peak summer rainfall over the Indochina Peninsula. <i>International Journal of Climatology</i> , 0, , .	1.5	0
2147	Different Impacts of Intraseasonal Oscillations on Precipitation in Southeast China between Early and Late Summers. <i>Advances in Atmospheric Sciences</i> , 0, , 1.	1.9	2
2148	Asian summer monsoon variability, global teleconnections, and dynamics during the last 1,000 years. <i>Earth-Science Reviews</i> , 2022, 230, 104041.	4.0	10

#	ARTICLE	IF	CITATIONS
2149	Holocene variation in the Indian Summer Monsoon modulated by the tropical Indian Ocean sea-surface temperature mode. <i>Catena</i> , 2022, 215, 106302.	2.2	4
2151	Characterising the interaction of tropical and extratropical air masses controlling East Asian summer monsoon progression using a novel frontal detection approach. <i>Weather and Climate Dynamics</i> , 2022, 3, 575-599.	1.2	4
2152	Teleconnections between large-scale oceanic-atmospheric patterns and interannual surface wind speed variability across China: Regional and seasonal patterns. <i>Science of the Total Environment</i> , 2022, 838, 156023.	3.9	4
2153	Distributed Hydrological Model Based on Machine Learning Algorithm: Assessment of Climate Change Impact on Floods. <i>Sustainability</i> , 2022, 14, 6620.	1.6	5
2154	The Madden-Julian Oscillation. <i>Atmosphere - Ocean</i> , 2022, 60, 338-359.	0.6	7
2155	Intra-seasonal oscillations of South Asian summer monsoon in coupled climate model cohort CMIP6. <i>Climate Dynamics</i> , 2023, 60, 179-199.	1.7	2
2156	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
2157	Microphysical Characteristics of Raindrop Size Distribution and Implications for Radar Rainfall Estimation Over the Northeastern Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
2158	Evaluation of CMIP6 models for simulations of surplus/deficit summer monsoon conditions over India. <i>Climate Dynamics</i> , 2023, 60, 1023-1042.	1.7	16
2159	Modeling and Prediction of the Speciesâ€™ Range of <i>Neurobasis chinensis</i> (Linnaeus, 1758) under Climate Change. <i>Biology</i> , 2022, 11, 868.	1.3	3
2160	Variation in humidity and the forcing mechanism in Asian monsoon-influenced regions indicated by hematite/goethite from Baxian Lake, southern China, since AD 800. <i>Holocene</i> , 2022, 32, 977-990.	0.9	4
2161	Modulation of boreal summer intraseasonal oscillation on tropical cyclone genesis over the South China Sea. <i>Meteorology and Atmospheric Physics</i> , 2022, 134, .	0.9	0
2162	Oxygen Isotopic Studies of a Species of Pitar (<i>Hyphantosoma</i>) from Quilon Formation, Kerala, Southwest India: Inferences on Seasonality during the Miocene (late Burdigalian). <i>Journal of the Geological Society of India</i> , 2022, 98, 843-850.	0.5	0
2163	Northward migration of the East Asian summer monsoon northern boundary during the twenty-first century. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
2164	Impact of monsoon teleconnections on regional rainfall and vegetation dynamics in Haryana, India. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	6
2165	A review of orbital-scale monsoon variability and dynamics in East Asia during the Quaternary. <i>Quaternary Science Reviews</i> , 2022, 288, 107593.	1.4	13
2166	Local oceanâ€™atmosphere interaction in Indian summer monsoon multi-decadal variability. <i>Climate Dynamics</i> , 0, , .	1.7	0
2167	An Analysis of Interhemispheric Transport Pathways Based on Threeâ€™Dimensional Methane Data by GOSAT Observations and Model Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	5

#	ARTICLE	IF	CITATIONS
2168	Dominant Processes for Dependence of Boreal Summer Intraseasonal Oscillation on El Niño Phases. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
2169	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
2170	Recent Decadal Weakening of the Summertime Rainfall Interannual Variability Over Yellow-Huaihe River Valley Attributable to the Western Pacific Cooling. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	4
2171	Assessing Groundwater Dynamics and Potentiality in the Lower Ganga Plain, India. <i>Water (Switzerland)</i> , 2022, 14, 2180.	1.2	7
2172	Droughts and Mega-Droughts. <i>Atmosphere - Ocean</i> , 2022, 60, 245-306.	0.6	3
2173	The Observed Impact of the South Asian Summer Monsoon on Land-Atmosphere Heat Transfers and Its Inhomogeneity over the Tibetan Plateau. <i>Remote Sensing</i> , 2022, 14, 3236.	1.8	3
2174	Predictability of South-Asian monsoon rainfall beyond the legacy of Tropical Ocean Global Atmosphere program (TOGA). <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	8
2175	Impact of the Ensemble Kalman Filter Based Coupled Data Assimilation System on Seasonal Prediction of Indian Summer Monsoon Rainfall. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	4
2176	Variability of convective activity over the Bay of Bengal and the Arabian sea. <i>Mausam</i> , 2008, 59, 479-490.	0.1	0
2177	Australian Indonesian monsoon rainfall responses to the northern hemisphere climatic changes prior to the Last Glacial Maximum: an early indication. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 1047, 012031.	0.2	0
2178	Isotopic fingerprinting of dual monsoon moisture sources, evapotranspiration process and microclimate manifestation over the tropical rainforest region, western part of the Western Ghats, India. <i>Journal of Hydrology</i> , 2022, 612, 128239.	2.3	0
2179	Findlater jet induced summer monsoon memory in the Arabian Sea. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
2180	ENSO Teleconnection to Interannual Variability in Carbon Monoxide Over the North Atlantic European Region in Spring. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	0
2181	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
2182	Role of deep convection in regulating the Indian summer monsoon dynamics: a regional scale modelling study. <i>Meteorology and Atmospheric Physics</i> , 2022, 134, .	0.9	2
2183	Weakening of Indian Summer Monsoon Synoptic Activity in Response to Polar Sea Ice Melt Induced by Albedo Reduction in a Climate Model. <i>Earth and Space Science</i> , 0, , .	1.1	2
2184	Observed features of monsoon low-level jet and its relationship with rainfall activity over a high-altitude site in Western Ghats, India. <i>Theoretical and Applied Climatology</i> , 2022, 150, 551-565.	1.3	3
2185	Millennial-scale hydroclimate changes in Indian monsoon realm during the last deglaciation. <i>Quaternary Science Reviews</i> , 2022, 292, 107702.	1.4	6

#	ARTICLE	IF	CITATIONS
2186	Robustness of BSISO and air-sea interactions in the CMIP (Phase-6) models over the North Indian Ocean. <i>Dynamics of Atmospheres and Oceans</i> , 2022, 99, 101316.	0.7	4
2187	Orbital-scale hydroclimate variations in the southern Tibetan Plateau over the past 414,000 years. <i>Quaternary Science Reviews</i> , 2022, 291, 107658.	1.4	4
2188	Climatological characteristics of the East Asian summer monsoon retreat based on observational analysis. <i>Climate Dynamics</i> , 2023, 60, 3023-3037.	1.7	6
2190	The Chlorophyll-a Modelling over the Andaman Sea using Bi-Directional LSTM Neural Network. , 2022, , .		0
2191	Monsoon in history and present. , 2022, 71, 45-74.		0
2192	Heavy Precipitation over the Jing-Jin-Ji Region in Early October: What Controls Its Interannual Variability?. <i>Journal of Meteorological Research</i> , 2022, 36, 586-600.	0.9	0
2194	Variability of indian monsoon and its forcing mechanisms since late quaternary. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	2
2195	Protracted Indian monsoon droughts of the past millennium and their societal impacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
2197	Early Anthropogenic Impacts on the Indian Summer Monsoon Induced by Land Use and Land Cover Changes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	0
2198	Developmental characteristics of rainfall-induced landslides from 1999 to 2016 in Wenzhou City of China. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	3
2199	Mechanism for high potential skill of Indian summer monsoon rainfall prediction up to two years in advance. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 3591-3603.	1.0	2
2200	Statistical analysis of precipitation variations and its forecasting in Southeast Asia using remote sensing images. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	4
2201	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
2203	Increase in Intraseasonal Rainfall Driven by the Arabian Sea Warming in Recent Decades. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
2204	A strong influence of the mid-Pleistocene transition on the monsoon and associated productivity in the Indian Ocean. <i>Quaternary Science Reviews</i> , 2022, 295, 107761.	1.4	4
2205	Evaluation of earth observation datasets for LST trends over India and its implication in global warming. <i>Ecological Informatics</i> , 2022, 72, 101843.	2.3	11
2206	The Implications of Climate Change on Water Resources of Rajasthan. <i>Disaster Resilience and Green Growth</i> , 2022, , 265-278.	0.2	2
2207	Analysis of Precipitation Extremes at the Intra-seasonal Scale Using a Regional Climate Model. <i>Disaster Resilience and Green Growth</i> , 2022, , 177-190.	0.2	0

#	ARTICLE	IF	CITATIONS
2208	Sea level extremes and compounding marine heatwaves in coastal Indonesia. Nature Communications, 2022, 13, .	5.8	5
2209	Interannual variability of surface air temperature over indochina peninsula during summer monsoon onset. Climate Dynamics, 0, , .	1.7	0
2210	Dynamic Downscaling Simulation and Projection of Precipitation Extremes Over China Under a Shared Socioeconomic Pathway Scenario. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	1
2211	Investigating ocean deoxygenation and the oxygen minimum zone in the Central Indo Pacific region based on the hindcast datasets. Environmental Monitoring and Assessment, 2023, 195, .	1.3	1
2212	Benchmark worst droughts during the summer monsoon in India. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	1.6	3
2213	The indian monsoon variability during the last two millennia and links to the tropical equatorial Pacific. Climate Dynamics, 2023, 60, 3645-3660.	1.7	1
2215	Drivers of Late Miocene Tropical Sea Surface Cooling: A New Perspective From the Equatorial Indian Ocean. Paleoceanography and Paleoclimatology, 2022, 37, .	1.3	6
2216	A synthesis of monsoon exploration in the Asian marginal seas. Scientific Drilling, 0, 31, 1-29.	1.0	11
2217	Characteristics of southwest and northeast monsoon over a few locations in India. , 2022, , .		0
2218	Distinct effects of Tibetan Plateau growth and global cooling on the eastern and central Asian climates during the Cenozoic. Global and Planetary Change, 2022, 218, 103969.	1.6	5
2219	Dynamic Downscaling the South Asian Summer Monsoon from a Global Reanalysis using a Regional Coupled Ocean-Atmosphere Model. Journal of Geophysical Research D: Atmospheres, 0, , .	1.2	2
2220	How did sediments disperse and accumulate in the oceanic basin, South China Sea. Marine and Petroleum Geology, 2023, 147, 105979.	1.5	5
2221	Multiple forcing on Late Miocene East Asian Summer Monsoon Precipitation Variability in NE Tibetan Plateau. Catena, 2023, 221, 106752.	2.2	4
2222	Impact of Southern Oscillation and Indian Ocean Dipole on rainfall variability over India: trends and interlinkages during 1871-2017. Meteorology and Atmospheric Physics, 2022, 134, .	0.9	5
2223	Role of Land Surface Vegetation in the March of Indian Monsoon Onset Isochrones in a Coupled Model. Quarterly Journal of the Royal Meteorological Society, 0, , .	1.0	3
2224	Interactions of the Westerlies and Asian Summer Monsoon Since the Last Deglaciation in the Northeastern Qinghai-Tibet Plateau. Paleoceanography and Paleoclimatology, 2022, 37, .	1.3	10
2226	Non-linear intensification of monsoon low-pressure systems by the BSISO. Weather and Climate Dynamics, 2022, 3, 1341-1358.	1.2	2
2227	A predictable prospect of the South Asian summer monsoon. Nature Communications, 2022, 13, .	5.8	5

#	ARTICLE	IF	CITATIONS
2228	Variability of thermocline temperature in the Bay of Bengal and its response to solar insolation and Indian monsoon over the last 15 kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 610, 111361.	1.0	2
2229	Link between the Landâ€“Sea Thermal Contrast and the Asian Summer Monsoon. <i>Journal of Climate</i> , 2023, 36, 213-225.	1.2	0
2230	Current status of aerosol-cloud interactions and their impact over the Northern Indian Ocean: A comprehensive review. <i>Atmospheric Research</i> , 2023, 283, 106555.	1.8	2
2231	Assessment of extreme seasonal rainfall over India in current seasonal coupled models during the recent period. <i>Climate Dynamics</i> , 2023, 61, 461-487.	1.7	2
2232	Spatial and temporal evolution characteristics of meteorological drought in the Northwest of Yellow River Basin and its response to large-scale climatic factors. <i>Journal of Water and Climate Change</i> , 2022, 13, 4283-4301.	1.2	1
2233	Subseasonal Warming of Surface Soil Enhances Precipitation Over the Eastern Tibetan Plateau in Early Summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	2
2234	Diversity of Northwest Pacific atmospheric circulation anomalies during post-ENSO summer. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	1
2235	South Asian summer rainfall from CMIP3 to CMIP6 models: biases and improvements. <i>Climate Dynamics</i> , 0, , .	1.7	2
2236	Fidelity of the latest high-resolution CORDEX-CORE regional climate model simulations in the representation of the Indian summer monsoon precipitation characteristics. <i>Climate Dynamics</i> , 0, , .	1.7	3
2237	Impacts of El NiÃ±oâ€“Southern Oscillation on tropical precipitation via triggering anomaly water vapour transport from ocean to land. <i>International Journal of Climatology</i> , 2023, 43, 1839-1852.	1.5	1
2238	Spatio-temporal analysis of rainfall in relation to monsoon teleconnections and agriculture at Regional Scale in Haryana, India. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0
2240	Relationship of height and intensity of low-level jet stream with Indian summer monsoon rainfall. <i>Theoretical and Applied Climatology</i> , 2023, 151, 785-799.	1.3	1
2241	An assessment of the simulation of East-Asia precipitation in the high-resolution community earth system model. <i>Climate Dynamics</i> , 2023, 61, 745-763.	1.7	1
2242	Research on Glacier Elevation Variability in the Qilian Mountains of the Qinghai-Tibet Plateau Based on Topographic Correction by Pyramid Registration. <i>Remote Sensing</i> , 2023, 15, 62.	1.8	1
2243	Comprehensive effects of interdecadal change of sea surface temperature increase in the Indo-Pacific Ocean on the warming-wetting of the Qinghaiâ€“Tibet Plateau. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
2244	Evaluation of five high-resolution global model rainfall forecasts over India during monsoon 2020. <i>Journal of Earth System Science</i> , 2022, 131, .	0.6	1
2245	Northward propagation of convection over the Indian region in multiphysics multimodel ensemble. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2023, 149, 231-246.	1.0	1
2246	Tropospheric features associated with the onset and cessation of the rainy season in Iran. <i>Acta Geophysica</i> , 2023, 71, 1063-1084.	1.0	4

#	ARTICLE	IF	CITATIONS
2247	Secular Changes of the Decadal Relationship Between the Northern Hemisphere Land Monsoon Rainfall and Sea Surface Temperature Over the Past Millennium in Climate Model Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	5
2248	Operational Seasonal Forecasting of the Southwest Monsoon Rainfall. , 2023, , 31-48.		0
2249	Revisiting the variations of precipitation and water vapour budget over the Tibetan Plateau. <i>Advances in Climate Change Research</i> , 2023, 14, 77-84.	2.1	6
2250	Impacts of the Indian Summer Monsoon on the Southern Boundary Water Vapor Transport and Precipitation over the Tibetan Plateau. <i>Atmosphere</i> , 2023, 14, 20.	1.0	1
2251	Climate Variability and Its Causal Mechanisms Over the Northeastern Indian Himalaya. <i>Society of Earth Scientists Series</i> , 2022, , 83-110.	0.2	0
2252	CloudSat inferred contrasting monsoon intra-seasonal variation in the cloud vertical structure over Indian regions. <i>Climate Dynamics</i> , 2023, 61, 1567-1589.	1.7	1
2254	Intensification of "river in the sea" along the western Bay of Bengal Coast during two consecutive La Niña events of 2020 and 2021 based on SMAP satellite observations. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	1
2255	Centennial-scale variability of the Indian Summer Monsoon during the middle to late Holocene and its links with ENSO activity. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 612, 111380.	1.0	4
2256	Changing Convection in Central Asia during the Seasonal Transitional Period and Region to Its West before and after 1999: Role of Upper Vertical Thermal Contrast. <i>Atmosphere</i> , 2023, 14, 59.	1.0	0
2257	El Nino/La Nina and IOD impact on Kharif season crops over western agro-climatic zones of India. <i>Theoretical and Applied Climatology</i> , 2023, 151, 1355-1368.	1.3	2
2258	Variability and long-term change in Australian monsoon rainfall: A review. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2023, 14, .	3.6	8
2259	Disappearance of Mountain Glaciers in East Asian Monsoon Region since Onset of the Last Glacial Period. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 1678.	1.3	0
2260	Middle Pleistocene re-organization of Australian Monsoon. <i>Nature Communications</i> , 2023, 14, .	5.8	1
2261	High-resolution records of sea surface temperature and salinity in the East China Sea over the past 14.2 kyr: Implication from alkenone and its hydrogen isotopes. <i>Global and Planetary Change</i> , 2023, 224, 104099.	1.6	1
2262	Orographic Effect and the Opposite Trend of Rainfall in Central Vietnam. <i>Advances in Meteorology</i> , 2023, 2023, 1-12.	0.6	0
2263	U-Pb ages of tuff from the Triassic Yanchang Formation in the Ordos Basin: Constraints on palaeoclimate and tectonics. <i>Marine and Petroleum Geology</i> , 2023, 150, 106128.	1.5	1
2264	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
2266	Long-term change of summer mean and extreme precipitations in Korea and East Asia. <i>International Journal of Climatology</i> , 0, , .	1.5	0

#	ARTICLE	IF	CITATIONS
2267	Experimental investigation on a compact fresh air humidification/dehumidification system based on desiccant coated heat pump. <i>International Journal of Refrigeration</i> , 2023, 150, 59-67.	1.8	4
2268	Impact of the uplift of the Central Asian Orogenic Belt and NE Tibetan Plateau on the East Asian climate since the late Miocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 615, 111451.	1.0	4
2269	Global footprints of Dansgaard-Oeschger oscillations in a GCM. <i>Quaternary Science Reviews</i> , 2023, 305, 108016.	1.4	3
2270	Deciphering the relationship between vegetation and Indian summer monsoon rainfall. <i>Environmental Research Letters</i> , 2023, 18, 044023.	2.2	1
2271	Dynamical Predictability of Leading Interannual Variability Modes of the Asian-Australian Monsoon in Climate Models. <i>Advances in Atmospheric Sciences</i> , 2023, 40, 1998-2012.	1.9	3
2272	Signals of northward propagating monsoon intraseasonal oscillations (MISOs) in the RegCM4.7 CORDEX-CORE simulation over South Asia domain. <i>Climate Dynamics</i> , 2023, 61, 3237-3251.	1.7	0
2273	Indian Summer Monsoon Rainfall in a changing climate: a review. <i>Journal of Water and Climate Change</i> , 2023, 14, 1061-1088.	1.2	2
2275	Abrupt Change of the Generalized Complementary Relationship of Evaporation Over Irrigated Double Cropping North China Plain With East Asian Monsoon. <i>Water Resources Research</i> , 2023, 59, .	1.7	1
2276	Soil moisture associated with freeze-thaw process modulated growing-season temperature rise in the Tibetan Plateau. <i>Climate Dynamics</i> , 2023, 61, 3619-3631.	1.7	1
2277	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
2278	Intraseasonal variability of subsurface ocean temperature anomalies in the Indian Ocean during the summer monsoon season. <i>Ocean Dynamics</i> , 2023, 73, 165-179.	0.9	0
2279	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
2280	Revisiting the East Asian summer monsoon structure: a combined effect of condensational heating and synoptic eddy activities. <i>Climate Dynamics</i> , 2023, 61, 3787-3803.	1.7	1
2281	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
2285	The Monsoon. <i>Springer Atmospheric Sciences</i> , 2023, , 15-45.	0.4	0
2316	A synthesis of paleomonsoon and associated processes from the unique deep center, Andaman Sea. <i>Geo-Marine Letters</i> , 2023, 43, .	0.5	0
2347	Soil C Sequestration in Himalayan Landscape: Impacts of Vegetation and Edaphic Interactions Under Changing Climate. , 2023, , 13-38.		0
2361	A catalogue of Quaternary diatoms from the Asian tropics with their environmental indication potential for paleolimnological applications. , 2024, , 311-391.		0

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------