

# Huang-Hsiung Hsu

## List of Publications by Year in descending order

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147  
papers

5,127  
citations

94433

37  
h-index

102487

66  
g-index

151  
all docs

151  
docs citations

151  
times ranked

4524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rossby Wave Propagation and Teleconnection Patterns in the Austral Winter. <i>Journals of the Atmospheric Sciences</i> , 1995, 52, 3661-3672.	1.7	260
2	Global impacts of the 1980s regime shift. <i>Global Change Biology</i> , 2016, 22, 682-703.	9.5	225
3	Time Variation of 500 mb Height Fluctuations with Long, Intermediate and Short Time Scales as Deduced from Lag-Correlation Statistics. <i>Journals of the Atmospheric Sciences</i> , 1984, 41, 981-991.	1.7	168
4	The 1985/86 Intraseasonal Oscillation and the Role of the Extratropics. <i>Journals of the Atmospheric Sciences</i> , 1990, 47, 823-839.	1.7	167
5	The "Year" of Tropical Convection (May 2008"April 2010): Climate Variability and Weather Highlights. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, 1189-1218.	3.3	164
6	Linking Emergence of the Central Pacific El Niño to the Atlantic Multidecadal Oscillation. <i>Journal of Climate</i> , 2015, 28, 651-662.	3.2	163
7	Relationship between the Tibetan Plateau heating and East Asian summer monsoon rainfall. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	162
8	Northwestward Propagation of the Intraseasonal Oscillation in the Western North Pacific during the Boreal Summer: Structure and Mechanism. <i>Journal of Climate</i> , 2001, 14, 3834-3850.	3.2	149
9	Observed and projected climate change in Taiwan. <i>Meteorology and Atmospheric Physics</i> , 2002, 79, 87-104.	2.0	129
10	Asymmetry of the Tripole Rainfall Pattern during the East Asian Summer. <i>Journal of Climate</i> , 2007, 20, 4443-4458.	3.2	121
11	Compounding effects of warm sea surface temperature and reduced sea ice on the extreme circulation over the extratropical North Pacific and North America during the 2013"2014 boreal winter. <i>Geophysical Research Letters</i> , 2015, 42, 1612-1618.	4.0	121
12	Roles of European blocking and tropical-extratropical interaction in the 2010 Pakistan flooding. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	114
13	Enhanced relationship between the tropical Atlantic SST and the summertime western North Pacific subtropical high after the early 1980s. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3715-3722.	3.3	106
14	Topographic Influence on the MJO in the Maritime Continent. <i>Journal of Climate</i> , 2009, 22, 5433-5448.	3.2	103
15	Evolution of Large-Scale Circulation and Heating during the First Transition of Asian Summer Monsoon. <i>Journal of Climate</i> , 1999, 12, 793-810.	3.2	100
16	Vertical Structure of Wintertime Teleconnection Patterns. <i>Journals of the Atmospheric Sciences</i> , 1985, 42, 1693-1710.	1.7	97
17	Global Teleconnections in the 250-mb Streamfunction Field during the Northern Hemisphere Winter. <i>Monthly Weather Review</i> , 1992, 120, 1169-1190.	1.4	97
18	Topographic Effects on the Eastward Propagation and Initiation of the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2005, 18, 795-809.	3.2	96

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19	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.	3.2	83
20	Global View of the intraseasonal Oscillation during Northern Winter. <i>Journal of Climate</i> , 1996, 9, 2386-2406.	3.2	80
21	Rainfall variations in central Indo-Pacific over the past 2,700 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17201-17206.	7.1	73
22	Influence of Tropical Cyclones on the Estimation of Climate Variability in the Tropical Western North Pacific. <i>Journal of Climate</i> , 2008, 21, 2960-2975.	3.2	71
23	East Asian, Indochina and Western North Pacific Summer Monsoon - An update. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 45-68.	2.3	70
24	Asian Summer Monsoon in CMIP5 Projections: A Link between the Change in Extreme Precipitation and Monsoon Dynamics. <i>Journal of Climate</i> , 2015, 28, 1477-1493.	3.2	68
25	Evaluation and comparison of CMIP6 and CMIP5 model performance in simulating the seasonal extreme precipitation in the Western North Pacific and East Asia. <i>Weather and Climate Extremes</i> , 2021, 31, 100303.	4.1	65
26	Role of submonthly disturbance and 40–50 day ISO on the extreme rainfall event associated with Typhoon Morakot (2009) in Southern Taiwan. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	64
27	Taiwan Earth System Model Version 1: description and evaluation of mean state. <i>Geoscientific Model Development</i> , 2020, 13, 3887-3904.	3.6	64
28	Interannual mode of sea level in the South China Sea and the roles of El Niño and El Niño Modoki. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	60
29	Tidal fluctuations as seen in ECMWF data. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1989, 115, 247-264.	2.7	58
30	An evaluation of quantitative reconstruction of past precipitation records using coral skeletal Sr/Ca and $\delta^{18}O$ data. <i>Earth and Planetary Science Letters</i> , 2005, 237, 370-386.	4.4	57
31	ISO Modulation on the Submonthly Wave Pattern and Recurring Tropical Cyclones in the Tropical Western North Pacific. <i>Journal of Climate</i> , 2009, 22, 582-599.	3.2	57
32	Propagation of Low-Level Circulation Features in the Vicinity of Mountain Ranges. <i>Monthly Weather Review</i> , 1987, 115, 1864-1893.	1.4	56
33	Sub-Monthly Circulation Features Associated with Tropical Cyclone Tracks over the East Asian Monsoon Area during July-August Season. <i>Journal of the Meteorological Society of Japan</i> , 2006, 84, 871-889.	1.8	49
34	The Madden-Julian Oscillation in a warmer world. <i>Geophysical Research Letters</i> , 2015, 42, 6034-6042.	4.0	48
35	CMIP5 model simulations of the Pacific meridional mode and its connection to the two types of ENSO. <i>International Journal of Climatology</i> , 2015, 35, 2352-2358.	3.5	47
36	Role of the strengthened El Niño teleconnection in the May 2015 floods over the southern Great Plains. <i>Geophysical Research Letters</i> , 2015, 42, 8140-8146.	4.0	45

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37	Resolving the upper-ocean warm layer improves the simulation of the Madden-Julian oscillation. <i>Climate Dynamics</i> , 2015, 44, 1487-1503.	3.8	42
38	Enhanced Influences of Tropical Atlantic SST on WNP-NIO Atmosphere-Ocean Coupling since the Early 1980s. <i>Journal of Climate</i> , 2016, 29, 6509-6525.	3.2	40
39	Decadal oscillation of spring rain in northern Taiwan. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	37
40	Decadal relationship between the North Atlantic Oscillation and cold surge frequency in Taiwan. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	37
41	Change in the dominant decadal patterns and the late 1980s abrupt warming in the extratropical Northern Hemisphere. <i>Atmospheric Science Letters</i> , 2010, 11, 210-215.	1.9	36
42	Impacts of the triggering function of cumulus parameterization on warm-season diurnal rainfall cycles at the Atmospheric Radiation Measurement Southern Great Plains site. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 10,681-10,702.	3.3	36
43	Impact of an improved WRF urban canopy model on diurnal air temperature simulation over northern Taiwan. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1809-1822.	4.9	36
44	Tropical SST forcing on the anomalous WNP subtropical high during July-August 2010 and the record-high SST in the tropical Atlantic. <i>Climate Dynamics</i> , 2015, 45, 633-650.	3.8	33
45	Northward and Northwestward Propagation of 30-60 Day Oscillation in the Tropical and Extratropical Western North Pacific. <i>Journal of the Meteorological Society of Japan</i> , 2005, 83, 711-726.	1.8	33
46	The First Transition of the Asian Summer Monsoon, Intraseasonal Oscillation, and Taiwan Mei-yu. <i>Journal of Climate</i> , 2008, 21, 1552-1568.	3.2	31
47	Performance of the Taiwan Earth System Model in Simulating Climate Variability Compared With Observations and CMIP6 Model Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002353.	3.8	31
48	Potential impacts of wintertime soil moisture anomalies from agricultural irrigation at low latitudes on regional and global climates. <i>Geophysical Research Letters</i> , 2015, 42, 8605-8614.	4.0	29
49	MARITIME CONTINENT MONSOON: ANNUAL CYCLE AND BOREAL WINTER VARIABILITY. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2004, , 107-150.	0.2	28
50	Characteristics of Cloud Radiation Forcing over East China. <i>Journal of Climate</i> , 2004, 17, 845-853.	3.2	27
51	The Role of Multiscale Interaction in Synoptic-Scale Eddy Kinetic Energy over the Western North Pacific in Autumn. <i>Journal of Climate</i> , 2014, 27, 3750-3766.	3.2	26
52	Extratropical Forcing Triggered the 2015 Madden-Julian Oscillation-El Niño Event. <i>Scientific Reports</i> , 2017, 7, 46692.	3.3	26
53	Extreme Rainfall in Taiwan: Seasonal Statistics and Trends. <i>Journal of Climate</i> , 2021, 34, 4711-4731.	3.2	26
54	Decadal to bi-decadal rainfall variation in the western Pacific: A footprint of South Pacific decadal variability?. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	25

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55	Distinct Influences of the ENSO-Like and PMM-Like SST Anomalies on the Mean TC Genesis Location in the Western North Pacific: The 2015 Summer as an Extreme Example. <i>Journal of Climate</i> , 2018, 31, 3049-3059.	3.2	25
56	Effect of the Arakan Mountains in the northwestern Indochina Peninsula on the late May Asian monsoon transition. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 10,769-10,779.	3.3	24
57	Altitudinal and latitudinal dependence of future warming in Taiwan simulated by WRF nested with ECHAM5/MPIOM. <i>International Journal of Climatology</i> , 2015, 35, 1800-1809.	3.5	24
58	Effects of Surface Orography and Land-Sea Contrast on the Madden-Julian Oscillation in the Maritime Continent: A Numerical Study Using ECHAM5-SIT. <i>Journal of Climate</i> , 2017, 30, 9725-9741.	3.2	24
59	Eddy Energy along the Tropical Storm Track in Association with ENSO. <i>Journal of the Meteorological Society of Japan</i> , 2009, 87, 687-704.	1.8	23
60	East Asian monsoon. , 2005, , 63-94.		22
61	Influence of ENSO on formation of tropical cloud clusters and their development into tropical cyclones in the western North Pacific. <i>Geophysical Research Letters</i> , 2014, 41, 9120-9126.	4.0	22
62	Dynamical downscaling simulation and future projection of summer rainfall in Taiwan: Contributions from different types of rain events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,973.	3.3	22
63	A global model simulation for 3-D radiative transfer impact on surface hydrology over the Sierra Nevada and Rocky Mountains. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5405-5413.	4.9	21
64	Driftsondes: Providing In Situ Long-Duration Dropsonde Observations over Remote Regions. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 1661-1674.	3.3	20
65	Seasonal precipitation change in the Western North Pacific and East Asia under global warming in two high-resolution AGCMs. <i>Climate Dynamics</i> , 2019, 53, 5583-5605.	3.8	19
66	Impact of 3D Radiation-Topography Interactions on Surface Temperature and Energy Budget Over the Tibetan Plateau in Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 1537-1549.	3.3	19
67	Occurrence of elves and lightning during El Niño and La Niña. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	18
68	Role of the Indochina Peninsula Narrow Mountains in Modulating the East Asian-Western North Pacific Summer Monsoon. <i>Journal of Climate</i> , 2016, 29, 4445-4459.	3.2	18
69	Relationship between tropical heating and global circulation: Interannual variability. <i>Journal of Geophysical Research</i> , 1994, 99, 10473.	3.3	17
70	Madden-Julian Oscillation and the Winter Rainfall in Taiwan. <i>Journal of Climate</i> , 2014, 27, 4521-4530.	3.2	17
71	Another look at the index cycle. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 37, 478.	1.7	16
72	Effects of atmosphere-ocean interaction on the interannual variability of winter temperature in Taiwan and East Asia. <i>Climate Dynamics</i> , 2001, 17, 305-316.	3.8	16

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73	Orbital control of the western North Pacific summer monsoon. <i>Climate Dynamics</i> , 2016, 46, 897-911.	3.8	16
74	Decadal phytoplankton dynamics in response to episodic climatic disturbances in a subtropical deep freshwater ecosystem. <i>Water Research</i> , 2017, 109, 102-113.	11.3	16
75	Ultra-Long Waves and Two-Dimensional Rossby Waves. <i>Journals of the Atmospheric Sciences</i> , 1983, 40, 2211-2219.	1.7	15
76	Propagation and Maintenance Mechanism of the TC/Submonthly Wave Pattern and TC Feedback in the Western North Pacific. <i>Journal of Climate</i> , 2012, 25, 8591-8610.	3.2	15
77	Simulation of the 1998 East Asian Summer Monsoon using the Purdue Regional Model. <i>Journal of the Meteorological Society of Japan</i> , 2004, 82, 1715-1733.	1.8	15
78	Assessments of surface latent heat flux associated with the Madden-Julian Oscillation in reanalyses. <i>Climate Dynamics</i> , 2016, 47, 1755-1774.	3.8	14
79	Another look at the index cycle. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 1985, 37A, 478-486.	1.7	13
80	Large-scale control of the Arabian Sea monsoon inversion in August. <i>Climate Dynamics</i> , 2018, 51, 2581-2592.	3.8	13
81	Extreme Snow Events along the Coast of the Northeast United States: Potential Changes due to Global Warming. <i>Journal of Climate</i> , 2021, 34, 2337-2353.	3.2	13
82	Processes Leading to Double Intertropical Convergence Zone Bias in CESM1/CAM5. <i>Journal of Climate</i> , 2015, 28, 2900-2915.	3.2	12
83	The influence of obliquity in the early Holocene Asian summer monsoon. <i>Geophysical Research Letters</i> , 2016, 43, 4524-4530.	4.0	12
84	Dynamics of upwelling annual cycle in the equatorial Atlantic Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 3737-3743.	4.0	12
85	East Asian presummer precipitation in the <sc>CMIP5</sc> at high versus low horizontal resolution. <i>International Journal of Climatology</i> , 2017, 37, 4158-4170.	3.5	12
86	Intraseasonal variability of the atmosphere-ocean climate system: East Asian monsoon. , 2012, , 73-110.		12
87	Summer Convective Afternoon Rainfall Simulation and Projection Using WRF Driven by Global Climate Model. Part I: Over Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2016, 27, 659-671.	0.6	12
88	The early 1950s regime shift in temperature in Taiwan and East Asia. <i>Climate Dynamics</i> , 2008, 31, 449-461.	3.8	11
89	Interannual variability of the subtropical countercurrent eddies in the North Pacific associated with the Western-Pacific teleconnection pattern. <i>Continental Shelf Research</i> , 2017, 143, 175-184.	1.8	11
90	East Asian climate under global warming: understanding and projection. <i>Climate Dynamics</i> , 2018, 51, 3969-3972.	3.8	11

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91	Future Changes in Tropical Cyclone Intensity and Frequency over the Western North Pacific Based on 20-km HiRAM and MRI Models. <i>Journal of Climate</i> , 2021, 34, 2235-2251.	3.2	11
92	A study on drought features of the Indian summer monsoon 2002. <i>Meteorology and Atmospheric Physics</i> , 2010, 108, 43-55.	2.0	10
93	Super-ensemble of three RCMs for climate projection over East Asia and Taiwan. <i>Theoretical and Applied Climatology</i> , 2011, 103, 265-278.	2.8	10
94	Identification of the Eurasianâ€œNorth Pacific Multidecadal Oscillation and Its Relationship to the AMO. <i>Journal of Climate</i> , 2013, 26, 8139-8153.	3.2	10
95	Intraseasonal oscillation enhancing C5 typhoon occurrence over the tropical western North Pacific. <i>Geophysical Research Letters</i> , 2017, 44, 3339-3345.	4.0	10
96	Tropical Cloud Cluster Environments and Their Importance for Tropical Cyclone Formation. <i>Journal of Climate</i> , 2019, 32, 4069-4088.	3.2	10
97	Future Changes in the Frequency and Destructiveness of Landfalling Tropical Cyclones Over East Asia Projected by High-Resolution AGCMs. <i>Earth's Future</i> , 2021, 9, e2020EF001888.	6.3	10
98	Impact of atmospheric changes on the low-frequency variations of convective afternoon rainfall activity over Taiwan. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8743-8758.	3.3	9
99	Compounding factors causing the unusual absence of tropical cyclones in the western North Pacific during August 2014. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9964-9976.	3.3	9
100	Variability of hydrological extreme events in East Asia and their dynamical control: a comparison between observations and two high-resolution global climate models. <i>Climate Dynamics</i> , 2017, 48, 745-766.	3.8	9
101	Dynamical Downscaling Simulation and Future Projection of Extreme Precipitation Activities in Taiwan during the Mei-Yu Seasons. <i>Journal of the Meteorological Society of Japan</i> , 2019, 97, 481-499.	1.8	9
102	A Study of East Asian Cold Surges during the 2004/05 Winter: Impact of East Asian Jet Stream and Subtropical Upper-Level Rossby Wave Trains. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2009, 20, 333.	0.6	8
103	A tropical cyclone removal technique based on potential vorticity inversion to better quantify tropical cyclone contribution to the background circulation. <i>Climate Dynamics</i> , 2020, 54, 3201-3226.	3.8	8
104	GTS v1.0: a macrophysics scheme for climate models based on a probability density function. <i>Geoscientific Model Development</i> , 2021, 14, 177-204.	3.6	8
105	Large-Scale Environmental Influences on Tropical Cyclone Formation Processes and Development Time. <i>Journal of Climate</i> , 2020, 33, 9763-9782.	3.2	8
106	Decadal Variation of the East Asian Winter Monsoon and Pacific Decadal Oscillation. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2016, 27, 617-624.	0.6	8
107	Future change in extreme precipitation in East Asian spring and Mei-yu seasons in two high-resolution AGCMs. <i>Weather and Climate Extremes</i> , 2022, 35, 100408.	4.1	8
108	Examination of selected atmospheric and orographic effects on monthly precipitation of Taiwan using the ASOAdEK model. <i>International Journal of Climatology</i> , 2009, 29, 1171-1181.	3.5	7

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109	Relative Contribution of Trend and Interannually Varying SST Anomalies to the 2018 Heat Waves in the Extratropical Northern Hemisphere. <i>Journal of Climate</i> , 2021, 34, 6319-6333.	3.2	7
110	Stratospheric Antarctic Intraseasonal Oscillation during the Austral Winter.. <i>Journal of the Meteorological Society of Japan</i> , 2002, 80, 1029-1050.	1.8	7
111	Convective Structure Changes over the Equatorial Pacific with Highly Increased Precipitation under Global Warming Simulated in the HiRAM. <i>Scientific Online Letters on the Atmosphere</i> , 2019, 15, 119-124.	1.4	7
112	Summer Convective Afternoon Rainfall Simulation and Projection Using WRF Driven by Global Climate Model. Part II: Over South China and Luzon. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2016, 27, 673-685.	0.6	7
113	Aerosol effects on summer monsoon over Asia during 1980s and 1990s. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,761.	3.3	6
114	Falling Snow Radiative Effects Enhance the Global Warming Response of the Tropical Pacific Atmosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 10,109.	3.3	6
115	Extreme Snow Events along the Coast of the Northeast United States: Analysis of Observations and HiRAM Simulations. <i>Journal of Climate</i> , 2019, 32, 7561-7574.	3.2	6
116	Maddenâ€™s Julian Oscillation Enhances Phytoplankton Biomass in the Maritime Continent. <i>Scientific Reports</i> , 2019, 9, 5421.	3.3	6
117	Improving diurnal rainfall phase over the Southern Great Plains in warm seasons by using a convective triggering design. <i>International Journal of Climatology</i> , 2019, 39, 5181-5190.	3.5	6
118	Downstream Development of the Summertime Tropical Cyclone/Submonthly Wave Pattern in the Extratropical North Pacific. <i>Journal of Climate</i> , 2010, 23, 2223-2229.	3.2	5
119	Typhoon effects on phytoplankton responses in a semi-closed freshwater ecosystem. <i>Marine and Freshwater Research</i> , 2016, 67, 546.	1.3	5
120	Effect of ISOâ€™s Interaction on Accelerating the TS to Severe TS Development in the WNP Since the Late 1990s. <i>Geophysical Research Letters</i> , 2018, 45, 12,008.	4.0	5
121	Remote effect of a tropical cyclone in the Bay of Bengal on a heavy-rainfall event in subtropical East Asia. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	6.8	5
122	Coupling of the Intraseasonal Oscillation with the Tropical Cyclone in the Western North Pacific during the 2004 Typhoon Season. , 2008, , 49-65.		5
123	Typhoon Morakot meteorological analyses. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2014, 37, 595-610.	1.1	4
124	Changes in tropical cyclone activity offset the ocean surface warming in northwest Pacific: 1981â€™2014. <i>Atmospheric Science Letters</i> , 2016, 17, 251-257.	1.9	4
125	Projection in snowfall characteristics over the European Alps and its sensitivity to the <sc>SST</sc> changes: results from a 50â€™km resolution <sc>AGCM</sc>. <i>Atmospheric Science Letters</i> , 2017, 18, 261-267.	1.9	4
126	Simulation and Projection of Circulations Associated with Atmospheric Rivers along the North American Northeast Coast. <i>Journal of Climate</i> , 2020, 33, 5673-5695.	3.2	4



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127	Compound Effect of Local and Remote Sea Surface Temperatures on the Unusual 2018 Western North Pacific Summer Monsoon. <i>Journal of the Meteorological Society of Japan</i> , 2020, 98, 1369-1385.	1.8	4
128	meeting summary: Workshop on the Impacts of the 1997-99 ENSO. <i>Bulletin of the American Meteorological Society</i> , 2001, 82, 305-312.	3.3	3
129	Extreme Precipitation Events over East Asia: Evaluating the CMIP5 Model. , 2016, , .		3
130	Weather and Climate Research in Taiwan: Potential Application of GPS/MET Data. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2000, 11, 211.	0.6	3
131	Comparative Study of Performance of CMIP3 GCMs in Simulating the East Asian Monsoon Variability. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2012, 23, 377.	0.6	2
132	Extracting the tropospheric short-wave influences on subseasonal prediction of precipitation in the United States using CFSv2. <i>Climate Dynamics</i> , 2017, 48, 3967-3974.	3.8	2
133	Characteristics of Large-Scale Circulation Affecting the Inter-Annual Precipitation Variability in Northern Sumatra Island during Boreal Summer. <i>Atmosphere</i> , 2021, 12, 136.	2.3	2
134	Interdecadal changes of the ISO and the associated TC/submonthly Wave Pattern in the Western North Pacific. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2020, 31, 295-311.	0.6	2
135	Observed and Projected Frontal Activities in East Asia. <i>Journal of Climate</i> , 2021, , 1-46.	3.2	1
136	Distribution of Ozone and Related Compounds in the Marine Boundary Layer of the Northern South China Sea in 2010. <i>Aerosol and Air Quality Research</i> , 2015, 15, 1990-2008.	2.1	1
137	Impact of global warming on summertime submonthly wave patterns and tropical cyclone activity in the western North Pacific. <i>Climate Dynamics</i> , 2022, 59, 3535-3554.	3.8	1
138	2021 Texas cold snap: Manifestation of natural variability and a recent warming trend. <i>Weather and Climate Extremes</i> , 2022, 37, 100476.	4.1	1
139	Barotropic Interactions Between Summertime Tropical Cyclones/Sub-Monthly Wave Patterns and Intraseasonal Oscillations over the Western North Pacific. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2014, 25, 719.	0.6	0
140	Orographic effects on the propagation and rainfall modification associated with the 2007-08 Madden-Julian oscillation (MJO) past the New Guinea Highlands. <i>Meteorology and Atmospheric Physics</i> , 2021, 133, 359-378.	2.0	0
141	Preface to the Special Issue on "Climate Changes and Their Impacts in Taiwan". <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2016, 27, I-II.	0.6	0
142	The influence of single model ensemble on the simulated extratropical interannual variability. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2018, 29, 679-694.	0.6	0
143	Intensification of the decadal activity in Equatorial Rossby Waves and linkage to changing tropical circulation. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2019, 30, 563-574.	0.6	0
144	The role of falling ice radiative effects on climate projections over Arctic under global warming. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2020, 31, 633-648.	0.6	0

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145	Role of convectionâ€“circulation coupling in the propagation mechanism of the Maddenâ€“Julian Oscillation over the Maritime Continent in a climate model. <i>Climate Dynamics</i> , 0, , 1.	3.8	0
146	ENSEMBLE PROJECTION OF CLIMATE CHANGE IN EAST ASIA. , 0, , 135-147.		0
147	The role of airâ€“sea coupling on Novemberâ€“April intraseasonal rainfall variability over the South Pacific. <i>Climate Dynamics</i> , 2023, 60, 1121-1136.	3.8	0