

Hye-Mi Kim

List of Publications by Year in descending order

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43
papers

2,739
citations

201575

27
h-index

254106

43
g-index

46
all docs

46
docs citations

46
times ranked

2739
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in the Prediction of MJO Teleconnections in the S2S Forecast Systems. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E1426-E1447.	1.7	17
2	Future Changes of PNA-like MJO Teleconnections in CMIP6 Models: Underlying Mechanisms and Uncertainty. <i>Journal of Climate</i> , 2022, 35, 3459-3478.	1.2	3
3	Subseasonal Earth System Prediction with CESM2. <i>Weather and Forecasting</i> , 2022, 37, 797-815.	0.5	18
4	Distinct Features of Atmospheric Rivers in the Early Versus Late East Asian Summer Monsoon and Their Impacts on Monsoon Rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033537.	1.2	26
5	Initialized Earth System prediction from subseasonal to decadal timescales. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 340-357.	12.2	85
6	Deep learning for bias correction of MJO prediction. <i>Nature Communications</i> , 2021, 12, 3087.	5.8	25
7	The influence of the quasi-biennial oscillation on the Madden-Julian oscillation. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 477-489.	12.2	50
8	Atmospheric River Lifecycle Responses to the Madden-Julian Oscillation. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090983.	1.5	20
9	MJO Teleconnections over the PNA Region in Climate Models. Part I: Performance- and Process-Based Skill Metrics. <i>Journal of Climate</i> , 2020, 33, 1051-1067.	1.2	17
10	MJO Teleconnections over the PNA Region in Climate Models. Part II: Impacts of the MJO and Basic State. <i>Journal of Climate</i> , 2020, 33, 5081-5101.	1.2	22
11	MJO Propagation Across the Maritime Continent: Are CMIP6 Models Better Than CMIP5 Models?. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087250.	1.5	77
12	The Lack of QBO-MJO Connection in CMIP6 Models. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087295.	1.5	34
13	Seasonal-to-interannual prediction of North American coastal marine ecosystems: Forecast methods, mechanisms of predictability, and priority developments. <i>Progress in Oceanography</i> , 2020, 183, 102307.	1.5	61
14	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
15	Subseasonal Prediction with and without a Well-Represented Stratosphere in CESM1. <i>Weather and Forecasting</i> , 2020, 35, 2589-2602.	0.5	10
16	Impact of soil moisture initialization on boreal summer subseasonal forecasts: mid-latitude surface air temperature and heat wave events. <i>Climate Dynamics</i> , 2019, 52, 1695-1709.	1.7	47
17	MJO Propagation Processes and Mean Biases in the SubX and S2S Reforecasts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 9314-9331.	1.2	51
18	The Subseasonal Experiment (SubX): A Multimodel Subseasonal Prediction Experiment. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 2043-2060.	1.7	153

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19	Impact of Distinct Origin Locations on the Life Cycles of Landfalling Atmospheric Rivers Over the U.S. West Coast. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11897-11909.	1.2	16
20	Subseasonal to Seasonal Prediction of Wintertime Northern Hemisphere Extratropical Cyclone Activity by S2S and NMME Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12057-12077.	1.2	17
21	Insignificant QBO-MJO Prediction Skill Relationship in the SubX and S2S Subseasonal Reforecasts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12655-12666.	1.2	27
22	Changes in atmospheric rivers and moisture transport over the Northeast Pacific and western North America in response to ENSO diversity. <i>Climate Dynamics</i> , 2019, 52, 7375-7388.	1.7	60
23	Interannual Modulation of Northern Hemisphere Winter Storm Tracks by the QBO. <i>Geophysical Research Letters</i> , 2018, 45, 2786-2794.	1.5	36
24	Prediction of atmospheric rivers over the North Pacific and its connection to ENSO in the North American multi-model ensemble (NMME). <i>Climate Dynamics</i> , 2018, 51, 1623-1637.	1.7	19
25	Modulation of the MJO and North Pacific Storm Track Relationship by the QBO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3976-3992.	1.2	45
26	Prediction of the Madden-Julian Oscillation: A Review. <i>Journal of Climate</i> , 2018, 31, 9425-9443.	1.2	117
27	Life Cycle of Atmospheric Rivers: Identification and Climatological Characteristics. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,715.	1.2	36
28	Impacts of the Madden-Julian Oscillation on Storm-Track Activity, Surface Air Temperature, and Precipitation over North America. <i>Journal of Climate</i> , 2018, 31, 6113-6134.	1.2	51
29	Changes in Northern Hemisphere Winter Storm Tracks under the Background of Arctic Amplification. <i>Journal of Climate</i> , 2017, 30, 3705-3724.	1.2	49
30	The impact of the mean moisture bias on the key physics of MJO propagation in the ECMWF reforecast. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7772-7784.	1.2	40
31	MJO Propagation across the Maritime Continent in the ECMWF Ensemble Prediction System. <i>Journal of Climate</i> , 2016, 29, 3973-3988.	1.2	62
32	Impacts of the North Atlantic Oscillation on sea surface temperature on the Northeast US Continental Shelf. <i>Continental Shelf Research</i> , 2015, 105, 60-66.	0.9	30
33	ENSO's Modulation of Water Vapor Transport over the Pacific-North American Region. <i>Journal of Climate</i> , 2015, 28, 3846-3856.	1.2	22
34	Boreal Winter MJO Teleconnection in the Community Atmosphere Model Version 5 with the Unified Convection Parameterization. <i>Journal of Climate</i> , 2015, 28, 8135-8150.	1.2	20
35	Predictability and Prediction Skill of the MJO in Two Operational Forecasting Systems. <i>Journal of Climate</i> , 2014, 27, 5364-5378.	1.2	125
36	Evaluation of short-term climate change prediction in multi-model CMIP5 decadal hindcasts. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	165

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37	Seasonal prediction skill of ECMWF System 4 and NCEP CFSv2 retrospective forecast for the Northern Hemisphere Winter. <i>Climate Dynamics</i> , 2012, 39, 2957-2973.	1.7	196
38	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
39	Modulation of North Pacific Tropical Cyclone Activity by Three Phases of ENSO. <i>Journal of Climate</i> , 2011, 24, 1839-1849.	1.2	211
40	Ocean-atmosphere coupling and the boreal winter MJO. <i>Climate Dynamics</i> , 2010, 35, 771-784.	1.7	36
41	Assessment of MJO Predictability for Boreal Winter with Various Statistical and Dynamical Models. <i>Journal of Climate</i> , 2010, 23, 2368-2378.	1.2	67
42	Extended-range seasonal hurricane forecasts for the North Atlantic with a hybrid dynamical-statistical model. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	36
43	Impact of Shifting Patterns of Pacific Ocean Warming on North Atlantic Tropical Cyclones. <i>Science</i> , 2009, 325, 77-80.	6.0	341