Feimeteor Liu

List of Publications by Year
in descending order

99 papers	2,373 citations	218677 26 h-index	243625 44 g-index
100 all docs	100 docs citations	100 times ranked	2516 citing authors

#	Article	IF	Citations
1	Cumulative positive contributions of propagating ISO to the quick low-level atmospheric response during El NiÃ±o developing years. Climate Dynamics, 2022, 58, 569-590.	3.8	5
2	A piecewise integration approach for model error-induced biases of greenhouse gas contribution to global warming. Climate Dynamics, 2022, 58, 3175-3186.	3.8	0
3	Origins of the Intraseasonal Variability of East Asian Summer Precipitation. Geophysical Research Letters, 2022, 49, .	4.0	7
4	Bidecadal Temperature Anomalies Over the Tibetan Plateau and Arctic in Response to the 1450s Volcanic Eruptions. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	2
5	Volcanoes and Climate: Sizing up the Impact of the Recent Hunga Tonga-Hunga Haâ€™apai Volcanic Eruption from a Historical Perspective. Advances in Atmospheric Sciences, 2022, 39, 1986-1993.	4.3	24
6	Intraseasonal variability of global land monsoon precipitation and its recent trend. Npj Climate and Atmospheric Science, 2022, 5, .	6.8	44
7	Features of climatological intraseasonal oscillation during Asian summer monsoon onset and their simulations in CMIP6 models. Climate Dynamics, 2022, 59, 3153-3166.	3.8	3
8	Western Pacific Premoistening for Eastward-Propagating BSISO and Its ENSO Modulation. Journal of Climate, 2022, 35, 4979-4996.	3.2	7
9	Climate Responses to Tamboraâ€Size Volcanic Eruption and the Impact of Warming Climate. Geophysical Research Letters, 2022, 49, .	4.0	10
10	Multidecadal Changes in Zonal Displacement of Tropical Pacific MJO Variability Modulated by North Atlantic SST. Journal of Climate, 2022, 35, 5951-5966.	3.2	1
11	Tropical volcanism enhanced the East Asian summer monsoon during the last millennium. Nature Communications, 2022, 13, .	12.8	27
12	Increased Indian Ocean-North Atlantic Ocean warming chain under greenhouse warming. Nature Communications, 2022, 13, .	12.8	8
13	NUIST ESM v3 Data Submission to CMIP6. Advances in Atmospheric Sciences, 2021, 38, 268-284.	4.3	5
14	The first detection of the Madden-Julian Oscillation signal in daily to hourly resolution proxy records derived from a natural archive of Giant Clam Shell (Tridacna spp.). Earth and Planetary Science Letters, 2021, 555, 116703.	4.4	8
15	Hydroclimatic anomalies in China during the post-Laki years and the role of concurring El NiÃ±o. Advances in Climate Change Research, 2021, 12, 187-198.	5.1	5
16	Diversity of intraseasonal oscillation over the western North Pacific. Climate Dynamics, 2021, 57, 1881-1893.	3.8	9
17	Role of cloud radiative feedback in the Maddenâ€“Julian oscillation dynamics: a trio-interaction model analysis. Theoretical and Applied Climatology, 2021, 145, 489-499.	2.8	2
18	Changes in polar amplification in response to increasing warming in CMIP6. Atmospheric and Oceanic Science Letters, 2021, 14, 100043.	1.3	16

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19	Improving the Accuracy of Subseasonal Forecasting of China Precipitation With a Machine Learning Approach. Frontiers in Earth Science, 2021, 9, .	1.8	7
20	The Longest 2020 Meiyu Season Over the Past 60ÂYears: Subseasonal Perspective and Its Predictions. Geophysical Research Letters, 2021, 48, e2021GL093596.	4.0	72
21	Central eastern China hydrological changes and ENSO-like variability over the past 1800 yr. Geology, 2021, 49, 1386-1390.	4.4	26
22	Decadal changes of the intraseasonal oscillation during 1979â€“2016. Advances in Climate Change Research, 2021, 12, 772-782.	5.1	2
23	Boreal Winter Surface Air Temperature Responses to Large Tropical Volcanic Eruptions in CMIP5 Models. Journal of Climate, 2020, 33, 2407-2426.	3.2	9
24	Intraseasonal variability of summer monsoon rainfall over the lower reaches of the Yangtze River basin. Atmospheric and Oceanic Science Letters, 2020, 13, 323-329.	1.3	6
25	Modulation of the Intraseasonal Variability of Pacific-Japan Pattern by ENSO. Journal of Meteorological Research, 2020, 34, 546-558.	2.4	12
26	A robust equatorial Pacific westerly response to tropical volcanism in multiple models. Climate Dynamics, 2020, 55, 3413-3429.	3.8	14
27	Diversity of East China Summer Rainfall Change in Post-El NiÃ±o Summers. Frontiers in Earth Science, 2020, 8, .	1.8	5
28	Could the Recent Taal Volcano Eruption Trigger an El NiÃ±o and Lead to Eurasian Warming?. Advances in Atmospheric Sciences, 2020, 37, 663-670.	4.3	14
29	Ocean Sensitivity to Periodic and Constant Volcanism. Scientific Reports, 2020, 10, 293.	3.3	7
30	Seasonal evolution of the intraseasonal variability of China summer precipitation. Climate Dynamics, 2020, 54, 4641-4655.	3.8	63
31	Diversity of the Madden-Julian Oscillation. Science Advances, 2019, 5, eaax0220.	10.3	81
32	Combined effect of the QBO and ENSO on the MJO. Atmospheric and Oceanic Science Letters, 2019, 12, 170-176.	1.3	18
33	Inter-Annual Variability of Boreal Summer Intra-Seasonal Oscillation Propagation from the Indian Ocean to the Western Pacific. Atmosphere, 2019, 10, 596.	2.3	7
34	Decadalâ€“Multidecadal Variations of Asian Summer Rainfall from the Little Ice Age to the Present. Journal of Climate, 2019, 32, 7663-7674.	3.2	11
35	Different responses of East Asian summer rainfall to El NiÃ±o decays. Climate Dynamics, 2019, 53, 1497-1515.	3.8	26
36	Simulated ENSO's impact on tropical cyclone genesis over the western North Pacific in CMIP5 models and its changes under global warming. International Journal of Climatology, 2019, 39, 3668-3678.	3.5	21

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37	A â€œLa NiÃ±a-likeâ€•state occurring in the second year after large tropical volcanic eruptions during the past 1500Âyears. Climate Dynamics, 2019, 52, 7495-7509.	3.8	29
38	Different Global Precipitation Responses to Solar, Volcanic, and Greenhouse Gas Forcings. Journal of Geophysical Research D: Atmospheres, 2018, 123, 4060-4072.	3.3	20
39	Effects of intraseasonal oscillation on South China Sea summer monsoon onset. Climate Dynamics, 2018, 51, 2543-2558.	3.8	46
40	The role of shallow convection in promoting the northward propagation of boreal summer intraseasonal oscillation. Theoretical and Applied Climatology, 2018, 131, 1387-1395.	2.8	6
41	Planetary scale selection of the Maddenâ€“Julian Oscillation in an air-sea coupled dynamic moisture model. Climate Dynamics, 2018, 50, 3441-3456.	3.8	13
42	Divergent El NiÃ±o responses to volcanic eruptions at different latitudes over the past millennium. Climate Dynamics, 2018, 50, 3799-3812.	3.8	48
43	How Do Tropical, Northern Hemispheric, and Southern Hemispheric Volcanic Eruptions Affect ENSO Under Different Initial Ocean Conditions?. Geophysical Research Letters, 2018, 45, 13,041.	4.0	16
44	On the Causative Strokes of Halos Observed by ISUAL in the Vicinity of North America. Geophysical Research Letters, 2018, 45, 10,781.	4.0	16
45	The 10â€“30-day oscillation of winter zonal wind in the entrance region of the East Asian subtropical jet and its relationship with precipitation in southern China. Dynamics of Atmospheres and Oceans, 2018, 82, 76-88.	1.8	3
46	Asian Summer Precipitation over the Past 544 Years Reconstructed by Merging Tree Rings and Historical Documentary Records. Journal of Climate, 2018, 31, 7845-7861.	3.2	56
47	Enhanced Global Monsoon in Present Warm Period Due to Natural and Anthropogenic Forcings. Atmosphere, 2018, 9, 136.	2.3	2
48	Effects of moisture feedback in a frictional coupled Kelvinâ€“Rossby wave model and implication in the Maddenâ€“Julian oscillation dynamics. Climate Dynamics, 2017, 48, 513-522.	3.8	28
49	Roles of the Moisture and Wave Feedbacks in Shaping the Maddenâ€“Julian Oscillation. Journal of Climate, 2017, 30, 10275-10291.	3.2	10
50	Continued obliquity pacing of East Asian summer precipitation after the mid-Pleistocene transition. Earth and Planetary Science Letters, 2017, 457, 181-190.	4.4	54
51	Southern European rainfall reshapes the early-summer circumglobal teleconnection after the late 1970s. Climate Dynamics, 2017, 48, 3855-3868.	3.8	15
52	Effect of Spatial Variation of Convective Adjustment Time on the Maddenâ€“Julian Oscillation: A Theoretical Model Analysis. Atmosphere, 2017, 8, 204.	2.3	2
53	Analysis of lightning strokes associated with sprites observed by ISUAL in the vicinity of North America. Terrestrial, Atmospheric and Oceanic Sciences, 2017, 28, 583-595.	0.6	17
54	A trio-interaction theory for Maddenâ€“Julian oscillation. Geoscience Letters, 2016, 3, .	3.3	81

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55	Modulation of Boreal Summer Intraseasonal Oscillations over the Western North Pacific by ENSO. Journal of Climate, 2016, 29, 7189-7201.	3.2	73
56	Role of Horizontal Advection of Seasonal-Mean Moisture in the Maddenâ€“Julian Oscillation: A Theoretical Model Analysis. Journal of Climate, 2016, 29, 6277-6293.	3.2	20
57	Global monsoon precipitation responses to large volcanic eruptions. Scientific Reports, 2016, 6, 24331.	3.3	94
58	Role of delayed deep convection in the Madden-Julian oscillation. Theoretical and Applied Climatology, 2016, 126, 313-321.	2.8	3
59	Relationship between SST anomalies and the intensity of intraseasonal variability. Theoretical and Applied Climatology, 2016, 124, 847-854.	2.8	31
60	Role of SST meridional structure in coupling the Kelvin and Rossby waves of the intraseasonal oscillation. Theoretical and Applied Climatology, 2015, 121, 623-629.	2.8	3
61	Roles of Barotropic Convective Momentum Transport in the Intraseasonal Oscillation*. Journal of Climate, 2015, 28, 4908-4920.	3.2	22
62	Modulation of decadal ENSO-like variation by effective solar radiation. Dynamics of Atmospheres and Oceans, 2015, 72, 52-61.	1.8	10
63	A simple SVS method for obtaining large-scale WO₃ nanowire cold cathode emitters at atmospheric pressure and low temperature. CrystEngComm, 2015, 17, 1065-1072.	2.6	11
64	A Mechanism for Explaining the Maximum Intraseasonal Oscillation Center over the Western North Pacific*. Journal of Climate, 2014, 27, 958-968.	3.2	28
65	Growth of Largeâ€Scale Boron Nanowire Patterns with Identical Baseâ€Up Mode and In Situ Field Emission Studies of Individual Boron Nanowire. Small, 2014, 10, 685-693.	10.0	29
66	Cheap, Gram-Scale Fabrication of BN Nanosheets via Substitution Reaction of Graphite Powders and Their Use for Mechanical Reinforcement of Polymers. Scientific Reports, 2014, 4, 4211.	3.3	39
67	Mechanisms of Global Teleconnections Associated with the Asian Summer Monsoon: An Intermediate Model Analysis*. Journal of Climate, 2013, 26, 1791-1806.	3.2	28
68	Synthesis of WO<inf>2</inf> nanowire arrays on glass substrate for field emission application. , 2013, , .		0
69	Controlled synthesis of patterned W18O49 nanowire vertical-arrays and improved field emission performance by in situ plasma treatment. Journal of Materials Chemistry C, 2013, 1, 3217.	5.5	15
70	Impacts of upscale heat and momentum transfer by moist Kelvin waves on the Maddenâ€“Julian oscillation: a theoretical model study. Climate Dynamics, 2013, 40, 213-224.	3.8	24
71	Graphene: Controlled Synthesis of Largeâ€Scale, Uniform, Vertically Standing Graphene for Highâ€Performance Field Emitters (Adv. Mater. 2/2013). Advanced Materials, 2013, 25, 292-292.	21.0	3
72	An Airâ€“Sea Coupled Skeleton Model for the Maddenâ€“Julian Oscillation*. Journals of the Atmospheric Sciences, 2013, 70, 3147-3156.	1.7	26

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73	The Role of SST Structure in Convectively Coupled Kelvinâ€“Rossby Waves and Its Implications for MJO Formation. Journal of Climate, 2013, 26, 5915-5930.	3.2	48
74	A Frictional Skeleton Model for the Maddenâ€“Julian Oscillation*. Journals of the Atmospheric Sciences, 2012, 69, 2749-2758.	1.7	28
75	A Model for the Interaction between 2-Day Waves and Moist Kelvin Waves*. Journals of the Atmospheric Sciences, 2012, 69, 611-625.	1.7	26
76	Study of the working performance of WO<inf>2</inf> nanowire arrays in gated field emission display devices. , 2012, , .		0
77	Precise determination of triple Sr isotopes (Î´87Sr and Î´88Sr) using MC-ICP-MS. Talanta, 2012, 88, 338-344.	5.5	50
78	Fabrication of patterned boron carbide nanowires and their electrical, field emission, and flexibility properties. Nano Research, 2012, 5, 896-902.	10.4	12
79	A conceptual model for selfâ€sustained activeâ€break Indian summer monsoon. Geophysical Research Letters, 2012, 39, .	4.0	13
80	Critical roles of convective momentum transfer in sustaining the multi-scale Maddenâ€“Julian oscillation. Theoretical and Applied Climatology, 2012, 108, 471-477.	2.8	13
81	A novel lift-off method for fabricating patterned and vertically-aligned W18O49 nanowire arrays with good field emission performance. Nanoscale, 2011, 3, 1850.	5.6	31
82	Interdecadal modulation of El NiÃ±o amplitude during the past millennium. Nature Climate Change, 2011, 1, 114-118.	18.8	287
83	Controlled synthesis of ultra-long AlNnanowires in different densities and in situ investigation of the physical properties of an individual AlNnanowire. Nanoscale, 2011, 3, 610-618.	5.6	27
84	Why do 2-day waves propagate westward?. Theoretical and Applied Climatology, 2011, 106, 443-448.	2.8	4
85	A semi-analytical model for the propagation of Rossby waves in slowly varying flow. Science Bulletin, 2011, 56, 2727-2731.	1.7	3
86	A Model for Scale Interaction in the Maddenâ€“Julian Oscillation*. Journals of the Atmospheric Sciences, 2011, 68, 2524-2536.	1.7	49
87	Modeling of surface flux in Tongyu using the Simple Biosphere Model 2 (SiB2). Journal of Forestry Research, 2010, 21, 183-188.	3.6	7
88	The time of phosphoric acid processing has effects on the field emission property of W<inf>18</inf>O<inf>49</inf> nanowires. , 2010, , .		0
89	Phosphoric acid processing time has effects on the field emission property of W<inf>18</inf>O<inf>49</inf> nanowires. , 2010, , .		0
90	Fabrication of patterned aligned W<inf>18</inf>O<inf>49</inf> nanowire arrays with high field emission performances. , 2010, , .		0

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91	P2–24: Controlled growth of ultra-long AlN nanowire arrays in different density and investigation of their emission behaviors. , 2010, , .		0
92	P1–8: Low temperature gowth and field emission properties of patterned tungsten oxide nanowire arrays by using cceramic template. , 2010, , .		0
93	P2–17: The study of W<inf>18</inf>O<inf>49</inf> nanoneedle emitters. , 2010, , .		0
94	Metal-like single crystalline boron nanotubes: synthesis and in situ study on electric transport and field emission properties. Journal of Materials Chemistry, 2010, 20, 2197.	6.7	157
95	Semi-analytical analysis of the response of the air temperature over the land surface to the global vegetation distribution. Science Bulletin, 2009, 54, 2499-2505.	1.7	2
96	Fabrication and field emission properties of boron nanowire bundles. Ultramicroscopy, 2009, 109, 447-450.	1.9	11
97	Low temperature growth of vertically aligned AlN nanocone arrays without catalysts and investigation on their field emission behaviors. , 2009, , .		0
98	Fabrication of Vertically Aligned Singleâ€Crystalline Boron Nanowire Arrays and Investigation of Their Fieldâ€Emission Behavior. Advanced Materials, 2008, 20, 2609-2615.	21.0	99
99	Multiple equilibria of cross-equatorial Inertial jets. Science in China Series D: Earth Sciences, 2007, 50, 153-160.	0.9	1