# Feimeteor Liu

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Interdecadal modulation of El NiÃ±o amplitude during the past millennium. Nature Climate Change, 2011, 1, 114-118. | 18.8 | 287 |
| 2 | 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 |
| 3 | 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 |
| 4 | Global monsoon precipitation responses to large volcanic eruptions. Scientific Reports, 2016, 6, 24331. | 3.3 | 94 |
| 5 | A trio-interaction theory for Maddenâ€“Julian oscillation. Geoscience Letters, 2016, 3, . | 3.3 | 81 |
| 6 | Diversity of the Madden-Julian Oscillation. Science Advances, 2019, 5, eaax0220. | 10.3 | 81 |
| 7 | Modulation of Boreal Summer Intraseasonal Oscillations over the Western North Pacific by ENSO. Journal of Climate, 2016, 29, 7189-7201. | 3.2 | 73 |
| 8 | The Longest 2020 Meiyu Season Over the Past 60ÂYears: Subseasonal Perspective and Its Predictions. Geophysical Research Letters, 2021, 48, e2021GL093596. | 4.0 | 72 |
| 9 | Seasonal evolution of the intraseasonal variability of China summer precipitation. Climate Dynamics, 2020, 54, 4641-4655. | 3.8 | 63 |
| 10 | 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 |
| 11 | 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 |
| 12 | Precise determination of triple Sr isotopes (Î´87Sr and Î´88Sr) using MC-ICP-MS. Talanta, 2012, 88, 338-344. | 5.5 | 50 |
| 13 | A Model for Scale Interaction in the Maddenâ€“Julian Oscillation*. Journals of the Atmospheric Sciences, 2011, 68, 2524-2536. | 1.7 | 49 |
| 14 | 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 |
| 15 | Divergent El NiÃ±o responses to volcanic eruptions at different latitudes over the past millennium. Climate Dynamics, 2018, 50, 3799-3812. | 3.8 | 48 |
| 16 | Effects of intraseasonal oscillation on South China Sea summer monsoon onset. Climate Dynamics, 2018, 51, 2543-2558. | 3.8 | 46 |
| 17 | Intraseasonal variability of global land monsoon precipitation and its recent trend. Npj Climate and Atmospheric Science, 2022, 5, . | 6.8 | 44 |
| 18 | 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 |

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|---|---|---|---|
| 19 | 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 |
| 20 | Relationship between SST anomalies and the intensity of intraseasonal variability. Theoretical and Applied Climatology, 2016, 124, 847-854. | 2.8 | 31 |
| 21 | 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 |
| 22 | 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 |
| 23 | A Frictional Skeleton Model for the Maddenâ€“Julian Oscillation*. Journals of the Atmospheric Sciences, 2012, 69, 2749-2758. | 1.7 | 28 |
| 24 | Mechanisms of Global Teleconnections Associated with the Asian Summer Monsoon: An Intermediate Model Analysis*. Journal of Climate, 2013, 26, 1791-1806. | 3.2 | 28 |
| 25 | A Mechanism for Explaining the Maximum Intraseasonal Oscillation Center over the Western North Pacific*. Journal of Climate, 2014, 27, 958-968. | 3.2 | 28 |
| 26 | 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 |
| 27 | 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 |
| 28 | Tropical volcanism enhanced the East Asian summer monsoon during the last millennium. Nature Communications, 2022, 13, . | 12.8 | 27 |
| 29 | 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 |
| 30 | An Airâ€“Sea Coupled Skeleton Model for the Maddenâ€“Julian Oscillation*. Journals of the Atmospheric Sciences, 2013, 70, 3147-3156. | 1.7 | 26 |
| 31 | Different responses of East Asian summer rainfall to El NiÃ±o decays. Climate Dynamics, 2019, 53, 1497-1515. | 3.8 | 26 |
| 32 | Central eastern China hydrological changes and ENSO-like variability over the past 1800 yr. Geology, 2021, 49, 1386-1390. | 4.4 | 26 |
| 33 | 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 |
| 34 | 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 |
| 35 | Roles of Barotropic Convective Momentum Transport in the Intraseasonal Oscillation*. Journal of Climate, 2015, 28, 4908-4920. | 3.2 | 22 |
| 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 | 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 |
| 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 | Combined effect of the QBO and ENSO on the MJO. Atmospheric and Oceanic Science Letters, 2019, 12, 170-176. | 1.3 | 18 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | Changes in polar amplification in response to increasing warming in CMIP6. Atmospheric and Oceanic Science Letters, 2021, 14, 100043. | 1.3 | 16 |
| 44 | 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 |
| 45 | Southern European rainfall reshapes the early-summer circumglobal teleconnection after the late 1970s. Climate Dynamics, 2017, 48, 3855-3868. | 3.8 | 15 |
| 46 | A robust equatorial Pacific westerly response to tropical volcanism in multiple models. Climate Dynamics, 2020, 55, 3413-3429. | 3.8 | 14 |
| 47 | 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 |
| 48 | A conceptual model for selfâ€sustained activeâ€break Indian summer monsoon. Geophysical Research Letters, 2012, 39, . | 4.0 | 13 |
| 49 | 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 |
| 50 | 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 |
| 51 | Fabrication of patterned boron carbide nanowires and their electrical, field emission, and flexibility properties. Nano Research, 2012, 5, 896-902. | 10.4 | 12 |
| 52 | Modulation of the Intraseasonal Variability of Pacific-Japan Pattern by ENSO. Journal of Meteorological Research, 2020, 34, 546-558. | 2.4 | 12 |
| 53 | Fabrication and field emission properties of boron nanowire bundles. Ultramicroscopy, 2009, 109, 447-450. | 1.9 | 11 |
| 54 | A simple SVS method for obtaining large-scale WO<sub>3</sub> nanowire cold cathode emitters at atmospheric pressure and low temperature. CrystEngComm, 2015, 17, 1065-1072. | 2.6 | 11 |

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| 55 | 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 |
| 56 | Modulation of decadal ENSO-like variation by effective solar radiation. Dynamics of Atmospheres and Oceans, 2015, 72, 52-61. | 1.8 | 10 |
| 57 | Roles of the Moisture and Wave Feedbacks in Shaping the Maddenâ€“Julian Oscillation. Journal of Climate, 2017, 30, 10275-10291. | 3.2 | 10 |
| 58 | Climate Responses to Tamboraâ€Size Volcanic Eruption and the Impact of Warming Climate. Geophysical Research Letters, 2022, 49, . | 4.0 | 10 |
| 59 | Boreal Winter Surface Air Temperature Responses to Large Tropical Volcanic Eruptions in CMIP5 Models. Journal of Climate, 2020, 33, 2407-2426. | 3.2 | 9 |
| 60 | Diversity of intraseasonal oscillation over the western North Pacific. Climate Dynamics, 2021, 57, 1881-1893. | 3.8 | 9 |
| 61 | 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 |
| 62 | Increased Indian Ocean-North Atlantic Ocean warming chain under greenhouse warming. Nature Communications, 2022, 13, . | 12.8 | 8 |
| 63 | Modeling of surface flux in Tongyu using the Simple Biosphere Model 2 (SiB2). Journal of Forestry Research, 2010, 21, 183-188. | 3.6 | 7 |
| 64 | 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 |
| 65 | Ocean Sensitivity to Periodic and Constant Volcanism. Scientific Reports, 2020, 10, 293. | 3.3 | 7 |
| 66 | Improving the Accuracy of Subseasonal Forecasting of China Precipitation With a Machine Learning Approach. Frontiers in Earth Science, 2021, 9, . | 1.8 | 7 |
| 67 | Origins of the Intraseasonal Variability of East Asian Summer Precipitation. Geophysical Research Letters, 2022, 49, . | 4.0 | 7 |
| 68 | Western Pacific Premoistening for Eastward-Propagating BSISO and Its ENSO Modulation. Journal of Climate, 2022, 35, 4979-4996. | 3.2 | 7 |
| 69 | 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 |
| 70 | 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 |
| 71 | Diversity of East China Summer Rainfall Change in Post-El NiÃ±o Summers. Frontiers in Earth Science, 2020, 8, . | 1.8 | 5 |
| 72 | NUIST ESM v3 Data Submission to CMIP6. Advances in Atmospheric Sciences, 2021, 38, 268-284. | 4.3 | 5 |

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| 73 | 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 |
| 74 | 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 |
| 75 | Why do 2-day waves propagate westward?. Theoretical and Applied Climatology, 2011, 106, 443-448. | 2.8 | 4 |
| 76 | A semi-analytical model for the propagation of Rossby waves in slowly varying flow. Science Bulletin, 2011, 56, 2727-2731. | 1.7 | 3 |
| 77 | 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 |
| 78 | 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 |
| 79 | Role of delayed deep convection in the Madden-Julian oscillation. Theoretical and Applied Climatology, 2016, 126, 313-321. | 2.8 | 3 |
| 80 | 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 |
| 81 | 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 |
| 82 | 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 |
| 83 | Effect of Spatial Variation of Convective Adjustment Time on the Maddenâ€“Julian Oscillation: A Theoretical Model Analysis. Atmosphere, 2017, 8, 204. | 2.3 | 2 |
| 84 | Enhanced Global Monsoon in Present Warm Period Due to Natural and Anthropogenic Forcings. Atmosphere, 2018, 9, 136. | 2.3 | 2 |
| 85 | 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 |
| 86 | Decadal changes of the intraseasonal oscillation during 1979â€“2016. Advances in Climate Change Research, 2021, 12, 772-782. | 5.1 | 2 |
| 87 | 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 |
| 88 | Multiple equilibria of cross-equatorial Inertial jets. Science in China Series D: Earth Sciences, 2007, 50, 153-160. | 0.9 | 1 |
| 89 | 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 |
| 90 | Low temperature growth of vertically aligned AlN nanocone arrays without catalysts and investigation on their field emission behaviors. , 2009, , . | | 0 |

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|---|---|---|---|
| 91 | 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 |
| 92 | Phosphoric acid processing time has effects on the field emission property of W<inf>18</inf>O<inf>49</inf> nanowires. , 2010, , . | | 0 |
| 93 | Fabrication of patterned aligned W<inf>18</inf>O<inf>49</inf> nanowire arrays with high field emission performances. , 2010, , . | | 0 |
| 94 | P2–24: Controlled growth of ultra-long AlN nanowire arrays in different density and investigation of their emission behaviors. , 2010, , . | | 0 |
| 95 | P1–8: Low temperature gowth and field emission properties of patterned tungsten oxide nanowire arrays by using cceramic template. , 2010, , . | | 0 |
| 96 | P2–17: The study of W<inf>18</inf>O<inf>49</inf> nanoneedle emitters. , 2010, , . | | 0 |
| 97 | Study of the working performance of WO<inf>2</inf> nanowire arrays in gated field emission display devices. , 2012, , . | | 0 |
| 98 | Synthesis of WO<inf>2</inf> nanowire arrays on glass substrate for field emission application. , 2013, , . | | 0 |
| 99 | 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 |