

Xiaoning Xie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3289483/publications.pdf>

Version: 2024-02-01

30
papers

438
citations

687220

13
h-index

752573

20
g-index

45
all docs

45
docs citations

45
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	A modeling study of the effects of aerosols on clouds and precipitation over East Asia. <i>Theoretical and Applied Climatology</i> , 2011, 106, 343-354.	1.3	61
2	Modeling East Asian Dust and Its Radiative Feedbacks in CAM4-BAM. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1079-1096.	1.2	33
3	Distinct effects of anthropogenic aerosols on the East Asian summer monsoon between multidecadal strong and weak monsoon stages. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7026-7040.	1.2	29
4	Numerical simulation of clouds and precipitation depending on different relationships between aerosol and cloud droplet spectral dispersion. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 65, 19054.	0.8	27
5	Radiative feedbacks of dust in snow over eastern Asia in CAM4-BAM. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12683-12698.	1.9	27
6	Sensitivity study of cloud parameterizations with relative dispersion in CAM5.1: impacts on aerosol indirect effects. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5877-5892.	1.9	24
7	Snow-darkening versus direct radiative effects of mineral dust aerosol on the Indian summer monsoon onset: role of temperature change over dust sources. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1605-1622.	1.9	24
8	Analytical three-moment autoconversion parameterization based on generalized gamma distribution. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	19
9	Radiative Effect of Mineral Dust on East Asian Summer Monsoon During the Last Glacial Maximum: Role of Snow-Albedo Feedback. <i>Geophysical Research Letters</i> , 2019, 46, 10901-10909.	1.5	19
10	Effect of marginal topography around the Tibetan Plateau on the evolution of central Asian arid climate: Yunnan-Guizhou and Mongolian Plateaux as examples. <i>Climate Dynamics</i> , 2019, 53, 4433-4445.	1.7	18
11	Aerosol-cloud-precipitation interactions in WRF model: Sensitivity to autoconversion parameterization. <i>Journal of Meteorological Research</i> , 2015, 29, 72-81.	0.9	17
12	Distinct Holocene precipitation trends over arid Central Asia and linkages to westerlies and Asian monsoon. <i>Quaternary Science Reviews</i> , 2021, 266, 107055.	1.4	16
13	Distinct responses of Asian summer monsoon to black carbon aerosols and greenhouse gases. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11823-11839.	1.9	15
14	Effects of spectral dispersion on clouds and precipitation in mesoscale convective systems. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	14
15	On the Robustness of the Weakening Effect of Anthropogenic Aerosols on the East Asian Summer Monsoon with Multimodel Results. <i>Advances in Meteorology</i> , 2015, 2015, 1-8.	0.6	12
16	Effects of Aerosols on Radiative Forcing and Climate Over East Asia With Different SO ₂ Emissions. <i>Atmosphere</i> , 2016, 7, 99.	1.0	12
17	Analytical studies of the cloud droplet spectral dispersion influence on the first indirect aerosol effect. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1313-1319.	1.9	11
18	Distinct effects of winter monsoon and westerly circulation on dust aerosol transport over East Asia. <i>Theoretical and Applied Climatology</i> , 2021, 144, 1031-1042.	1.3	11

#	ARTICLE	IF	CITATIONS
19	Seasonal Variation of the Westerly Jet over Asia in the Last Glacial Maximum: Role of the Tibetan Plateau Heating. <i>Journal of Climate</i> , 2021, 34, 2723-2740.	1.2	10
20	Understanding Cloud Droplet Spectral Dispersion Effect Using Empirical and Semi-Analytical Parameterizations in NCAR CAM5.3. <i>Earth and Space Science</i> , 2020, 7, e2020EA001276.	1.1	9
21	Impact of East Asian summer monsoon circulation on the regional aerosol distribution in observations and models. <i>Theoretical and Applied Climatology</i> , 2018, 133, 377-384.	1.3	6
22	Role of microphysical parameterizations with droplet relative dispersion in IAP AGCM 4.1. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 248-259.	1.9	4
23	Effects of dust-in-snow forcing over the Tibetan Plateau on the East Asian dust cycle during the Last Glacial Maximum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 542, 109442.	1.0	4
24	Modeling Dust Direct Radiative Feedbacks in East Asia During the Last Glacial Maximum. <i>Atmosphere</i> , 2019, 10, 146.	1.0	3
25	A teleconnection between sea surface temperature in the central and eastern Pacific and wintertime haze variations in southern China. <i>Theoretical and Applied Climatology</i> , 2021, 143, 349-359.	1.3	3
26	Modulation of springtime surface sensible heating over the Tibetan Plateau on the interannual variability of East Asian dust cycle. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11143-11159.	1.9	3
27	Direct Radiative Effect (DRE) of Dust Aerosols on West African and East Asian Monsoon: The Role of Ocean-Atmosphere Interactions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
28	Differing responses of precipitation in Northern Hemisphere mid-latitudes to increased black carbon aerosols and carbon dioxide. <i>Environmental Research</i> , 2022, 210, 112938.	3.7	1
29	Attribution of Last Glacial Maximum precipitation change in Northern Hemisphere monsoon and arid regions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 599, 111053.	1.0	1
30	Fast and Slow Responses of the Indian Summer Monsoon to the Direct Radiative Effect of West Asian Dust Aerosols. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0