

Christine A Shields

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,259
citations

471061

17
h-index

580395

25
g-index

31
all docs

31
docs citations

31
times ranked

1510
citing authors

#	ARTICLE	IF	CITATIONS
1	Increases in Future AR Count and Size: Overview of the ARTMIP Tier 2 CMIP5/6 Experiment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	35
2	An Overview of ARTMIP's Tier 2 Reanalysis Intercomparison: Uncertainty in the Detection of Atmospheric Rivers and Their Associated Precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	34
3	Global Changes in Terrestrial Vegetation and Continental Climate During the Paleocene–Eocene Thermal Maximum. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	16
4	Atmospheric rivers impacting western North America in a world with climate intervention. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	2
5	ClimateNet: an expert-labeled open dataset and deep learning architecture for enabling high-precision analyses of extreme weather. <i>Geoscientific Model Development</i> , 2021, 14, 107-124.	1.3	43
6	Atmospheric rivers in high-resolution simulations of the Paleocene Eocene Thermal Maximum (PETM). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 567, 110293.	1.0	19
7	Increased frequency of extreme precipitation events in the North Atlantic during the PETM: Observations and theory. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 568, 110289.	1.0	22
8	Simulated changes to tropical cyclones across the Paleocene-Eocene Thermal Maximum (PETM) boundary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 572, 110421.	1.0	13
9	Characteristics of Future Warmer Base States in CESM2. <i>Earth and Space Science</i> , 2020, 7, e2020EA001296.	1.1	14
10	Consensus and Disagreement in Atmospheric River Detection: ARTMIP Global Catalogues. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089302.	1.5	35
11	Responses and impacts of atmospheric rivers to climate change. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 143-157.	12.2	171
12	Intraseasonal, Seasonal, and Interannual Characteristics of Regional Monsoon Simulations in CESM2. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001962.	1.3	17
13	Detection Uncertainty Matters for Understanding Atmospheric Rivers. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E790-E796.	1.7	24
14	The Atmospheric River Tracking Method Intercomparison Project (ARTMIP): Quantifying Uncertainties in Atmospheric River Climatology. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13777-13802.	1.2	126
15	Effects of Model Resolution, Physics, and Coupling on Southern Hemisphere Storm Tracks in CESM1.3. <i>Geophysical Research Letters</i> , 2019, 46, 12408-12416.	1.5	39
16	Meridional Heat Transport During Atmospheric Rivers in High-Resolution CESM Climate Projections. <i>Geophysical Research Letters</i> , 2019, 46, 14702-14712.	1.5	16
17	Defining Uncertainties through Comparison of Atmospheric River Tracking Methods. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, ES93-ES96.	1.7	17
18	Systemic swings in end-Permian climate from Siberian Traps carbon and sulfur outgassing. <i>Nature Geoscience</i> , 2018, 11, 949-954.	5.4	85

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19	Atmospheric River Tracking Method Intercomparison Project (ARTMIP): project goals and experimental design. <i>Geoscientific Model Development</i> , 2018, 11, 2455-2474.	1.3	221
20	Greenhouse- and orbital-forced climate extremes during the early Eocene. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170085.	1.6	17
21	The DeepMIP contribution to PMIP4: experimental design for model simulations of the EECO, PETM, and pre-PETM (version 1.0). <i>Geoscientific Model Development</i> , 2017, 10, 889-901.	1.3	90
22	Future changes in regional precipitation simulated by a half-degree coupled climate model: Sensitivity to horizontal resolution. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 863-884.	1.3	31
23	Atmospheric river landfall latitude changes in future climate simulations. <i>Geophysical Research Letters</i> , 2016, 43, 8775-8782.	1.5	97
24	Simulating the Pineapple Express in the half degree Community Climate System Model, CCSM4. <i>Geophysical Research Letters</i> , 2016, 43, 7767-7773.	1.5	44
25	A paleogeographic approach to aerosol prescription in simulations of deep time climate. <i>Journal of Advances in Modeling Earth Systems</i> , 2012, 4, .	1.3	23