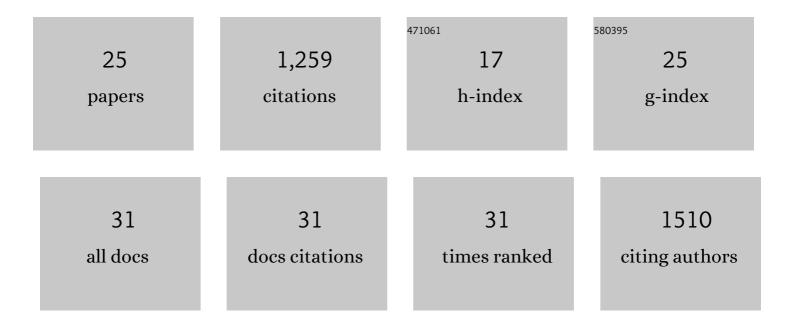
Christine A Shields

List of Publications by Year in descending order

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

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