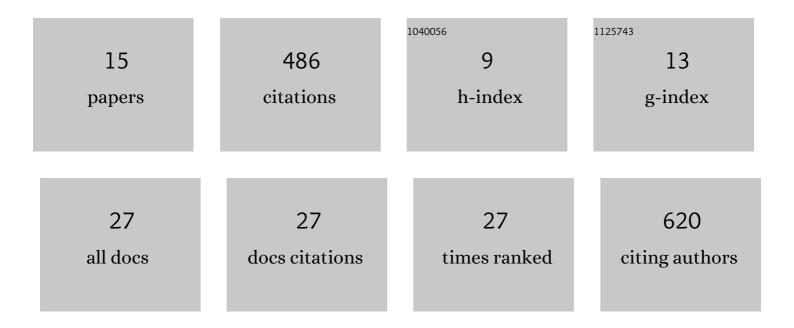
Isabel L Mccoy

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Observations of Clouds, Aerosols, Precipitation, and Surface Radiation over the Southern Ocean: An Overview of CAPRICORN, MARCUS, MICRE, and SOCRATES. Bulletin of the American Meteorological Society, 2021, 102, E894-E928.	3.3	103
2	Climatology of stratocumulus cloud morphologies: microphysical properties and radiative effects. Atmospheric Chemistry and Physics, 2014, 14, 6695-6716.	4.9	93
3	Identifying Meteorological Controls on Open and Closed Mesoscale Cellular Convection Associated with Marine Cold Air Outbreaks. Journal of Geophysical Research D: Atmospheres, 2017, 122, 11,678.	3.3	52
4	The hemispheric contrast in cloud microphysical properties constrains aerosol forcing. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18998-19006.	7.1	51
5	New particle formation in the remote marine boundary layer. Nature Communications, 2021, 12, 527.	12.8	45
6	Opportunistic experiments to constrain aerosol effective radiative forcing. Atmospheric Chemistry and Physics, 2022, 22, 641-674.	4.9	44
7	Influences of Recent Particle Formation on Southern Ocean Aerosol Variability and Low Cloud Properties. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033529.	3.3	32
8	Cloud, Aerosol, and Boundary Layer Structure across the Northeast Pacific Stratocumulus–Cumulus Transition as Observed during CSET. Monthly Weather Review, 2019, 147, 2083-2103.	1.4	17
9	Coalescence Scavenging Drives Droplet Number Concentration in Southern Ocean Low Clouds. Geophysical Research Letters, 2022, 49, .	4.0	12
10	Evaluation of Cloud and Precipitation Simulations in CAM6 and AM4 Using Observations Over the Southern Ocean. Earth and Space Science, 2021, 8, e2020EA001241.	2.6	10
11	Environmental and Internal Controls on Lagrangian Transitions from Closed Cell Mesoscale Cellular Convection over Subtropical Oceans. Journals of the Atmospheric Sciences, 2021, 78, 2367-2383.	1.7	9
12	Absorbing Aerosol Choices Influences Precipitation Changes Across Future Scenarios. Geophysical Research Letters, 2022, 49, .	4.0	6
13	Wavelet Analysis of Properties of Marine Boundary Layer Mesoscale Cells Observed From AMSRâ€E. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034666.	3.3	3
14	High freeâ€tropospheric Aitkenâ€mode aerosol concentrations buffer cloud droplet concentrations in largeâ€eddy simulations of precipitating stratocumulus. Journal of Advances in Modeling Earth Systems, 0, , .	3.8	3
15	Wintertime Observations of Tropical Northwest Atlantic Aerosol Properties during ATOMIC: Varying Mixtures of Dust and Biomass Burning. Journal of Geophysical Research D: Atmospheres, 0, , .	3.3	1