

# Isabel L Mccoy

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

486  
citations

1040056

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h-index

1125743

13  
g-index

27  
all docs

27  
docs citations

27  
times ranked

620  
citing authors

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