

Luke Ziemba

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

159
citations

9
h-index

12
g-index

16
ext. papers

236
ext. citations

4.4
avg, IF

2.18
L-index

#	Paper	IF	Citations
15	Cold Air Outbreaks Promote New Particle Formation Off the U.S. East Coast. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	0
14	Machine Learning Uncovers Aerosol Size Information From Chemistry and Meteorology to Quantify Potential Cloud-Forming Particles. <i>Geophysical Research Letters</i> , 2021 , 48,	4.9	1
13	Particulate Oxalate-To-Sulfate Ratio as an Aqueous Processing Marker: Similarity Across Field Campaigns and Limitations.. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL096520	4.9	0
12	On Assessing ERA5 and MERRA2 Representations of Cold-Air Outbreaks Across the Gulf Stream. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094364	4.9	2
11	Atmospheric Research Over the Western North Atlantic Ocean Region and North American East Coast: A Review of Past Work and Challenges Ahead. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD031626	4.4	19
10	Observations of Aerosol-Cloud Interactions During the North Atlantic Aerosol and Marine Ecosystem Study. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL085851	4.9	3
9	High Temporal Resolution Satellite Observations of Fire Radiative Power Reveal Link Between Fire Behavior and Aerosol and Gas Emissions. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL090707	4.9	11
8	Coupling an online ion conductivity measurement with the particle-into-liquid sampler: Evaluation and modeling using laboratory and field aerosol data. <i>Aerosol Science and Technology</i> , 2020 , 54, 1542-1555	3.4	1
7	Retrievals of Aerosol Size Distribution, Spherical Fraction, and Complex Refractive Index From Airborne In Situ Angular Light Scattering and Absorption Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 7997-8024	4.4	16
6	An intercomparison of aerosol absorption measurements conducted during the SEAC4RS campaign. <i>Aerosol Science and Technology</i> , 2018 , 52, 1012-1027	3.4	14
5	Characterization of the Real Part of Dry Aerosol Refractive Index Over North America From the Surface to 12km. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 8283	4.4	18
4	Aircraft measurements of black carbon vertical profiles show upper tropospheric variability and stability. <i>Geophysical Research Letters</i> , 2017 , 44, 1132-1140	4.9	29
3	Contrasting aerosol refractive index and hygroscopicity in the inflow and outflow of deep convective storms: Analysis of airborne data from DC3. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 4565-4577	4.4	9
2	In situ measurements of water uptake by black carbon-containing aerosol in wildfire plumes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 1086-1097	4.4	15
1	Ambient observations of sub-1.0 hygroscopic growth factor and (RH) values: Case studies from surface and airborne measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 661-674	4.4	18