

Joseph Ching

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

463
citations

840776

11
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying the effects of mixing state on aerosol optical properties. Atmospheric Chemistry and Physics, 2022, 22, 9265-9282.	4.9	9
2	Comparison of three aerosol representations of NHM-Chem (v1.0) for the simulations of air quality and climate-relevant variables. Geoscientific Model Development, 2021, 14, 2235-2264.	3.6	16
3	Rethinking Air Quality and Climate Change after COVID-19. International Journal of Environmental Research and Public Health, 2020, 17, 5167.	2.6	57
4	Resolving aerosol mixing state increases accuracy of black carbon respiratory deposition estimates. One Earth, 2020, 3, 763-776.	6.8	3
5	Aerosol mixing state revealed by transmission electron microscopy pertaining to cloud formation and human airway deposition. Npj Climate and Atmospheric Science, 2019, 2, .	6.8	22
6	NHM-Chem, the Japan Meteorological Agency's Regional Meteorology " Chemistry Model: Model Evaluations toward the Consistent Predictions of the Chemical, Physical, and Optical Properties of Aerosols. Journal of the Meteorological Society of Japan, 2019, 97, 337-374.	1.8	37
7	Urban pollution greatly enhances formation of natural aerosols over the Amazon rainforest. Nature Communications, 2019, 10, 1046.	12.8	131
8	Aerosol mixing state matters for particles deposition in human respiratory system. Scientific Reports, 2018, 8, 8864.	3.3	45
9	Quantifying Impacts of Aerosol Mixing State on Nucleation-Scavenging of Black Carbon Aerosol Particles. Atmosphere, 2018, 9, 17.	2.3	17
10	Metrics to quantify the importance of mixing state for CCN activity. Atmospheric Chemistry and Physics, 2017, 17, 7445-7458.	4.9	33
11	Black carbon mixing state impacts on cloud microphysical properties: Effects of aerosol plume and environmental conditions. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5990-6013.	3.3	22
12	A three-dimensional sectional representation of aerosol mixing state for simulating optical properties and cloud condensation nuclei. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5912-5929.	3.3	21
13	Impacts of black carbon mixing state on black carbon nucleation scavenging: Insights from a particle-resolved model. Journal of Geophysical Research, 2012, 117, .	3.3	36
14	In-cloud turbulence structure of marine stratocumulus. Geophysical Research Letters, 2010, 37, .	4.0	3