Jonathan H Slade

List of Publications by Year
in descending order

15	844	840776 11	996975 15
papers	citations	h-index	g-index

17	17	17	1059
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Sea Spray Chemistry and Particle Evolution study (SeaSCAPE): overview and experimental methods. Environmental Sciences: Processes and Impacts, 2022, 24, 290-315.	3.5	11
2	Microplastics and nanoplastics in the marine-atmosphere environment. Nature Reviews Earth & Environment, 2022, 3, 393-405.	29.7	121
3	The production and hydrolysis of organic nitrates from OH radical oxidation of <i>Î²</i>-ocimene. Atmospheric Chemistry and Physics, 2021, 21, 129-145.	4.9	16
4	FORest Canopy Atmosphere Transfer (FORCAsT) 2.0: model updates and evaluation with observations at a mixed forest site. Geoscientific Model Development, 2021, 14, 6309-6329.	3.6	4
5	Evolution of Sea Spray Aerosol Particle Phase State Across a Phytoplankton Bloom. ACS Earth and Space Chemistry, 2021, 5, 2995-3007.	2.7	10
6	Nontargeted Tandem Mass Spectrometry Analysis Reveals Diversity and Variability in Aerosol Functional Groups across Multiple Sites, Seasons, and Times of Day. Environmental Science and Technology Letters, 2020, 7, 60-69.	8.7	33
7	Bouncier Particles at Night: Biogenic Secondary Organic Aerosol Chemistry and Sulfate Drive Diel Variations in the Aerosol Phase in a Mixed Forest. Environmental Science & Technology, 2019, 53, 4977-4987.	10.0	72
8	Lake Spray Aerosol Incorporated into Great Lakes Clouds. ACS Earth and Space Chemistry, 2019, 3, 2765-2774.	2.7	11
9	Cloud droplet activation through oxidation of organic aerosol influenced by temperature and particle phase state. Geophysical Research Letters, 2017, 44, 1583-1591.	4.0	53
10	Nitrate radical oxidation of <i>Î³</i>-terpinene: hydroxy nitrate, total organic nitrate, and secondary organic aerosol yields. Atmospheric Chemistry and Physics, 2017, 17, 8635-8650.	4.9	20
11	The acid-catalyzed hydrolysis of an <i>Î±</i>-pinene-derived organic nitrate: kinetics, products, reaction mechanisms, and atmospheric impact. Atmospheric Chemistry and Physics, 2016, 16, 15425-15432.	4.9	56
12	Multiphase Chemical Kinetics of OH Radical Uptake by Molecular Organic Markers of Biomass Burning Aerosols: Humidity and Temperature Dependence, Surface Reaction, and Bulk Diffusion. Journal of Physical Chemistry A, 2015, 119, 4533-4544.	2.5	101
13	Multiphase OH oxidation kinetics of organic aerosol: The role of particle phase state and relative humidity. Geophysical Research Letters, 2014, 41, 5297-5306.	4.0	130
14	Heterogeneous OH oxidation of biomass burning organic aerosol surrogate compounds: assessment of volatilisation products and the role of OH concentration on the reactive uptake kinetics. Physical Chemistry Chemical Physics, 2013, 15, 5898.	2.8	116
15	Heterogeneous oxidation kinetics of organic biomass burning aerosol surrogates by O3, NO2, N2O5, and NO3. Physical Chemistry Chemical Physics, 2011, 13, 21050.	2.8	90