William C Keene

List of Publications by Year
in descending order

34	4,100	230014	425179
papers	citations	27 h-index	34 g-index

35	35	35	4272
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ambient air quality in the Kathmandu Valley, Nepal, during the pre-monsoon: concentrations and sources of particulate matter and trace gases. Atmospheric Chemistry and Physics, 2020, 20, 2927-2951.	1.9	40
2	Properties of Seawater Surfactants Associated with Primary Marine Aerosol Particles Produced by Bursting Bubbles at a Model Airâ€“Sea Interface. Environmental Science & Technology, 2019, 53, 9407-9417.	4.6	28
3	Marine Aerosol Production via Detrainment of Bubble Plumes Generated in Natural Seawater With a Forcedâ€Air Venturi. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10931-10950.	1.2	9
4	Oceanic efflux of ancient marine dissolved organic carbon in primary marine aerosol. Science Advances, 2019, 5, eaax6535.	4.7	27
5	Global impact of nitrate photolysis in sea-salt aerosol on NO_{<i>x</i>}, OH, and O₃ in the marine boundary layer. Atmospheric Chemistry and Physics, 2018, 18, 11185-11203.	1.9	62
6	Factors That Modulate Properties of Primary Marine Aerosol Generated From Ambient Seawater on Ships at Sea. Journal of Geophysical Research D: Atmospheres, 2017, 122, 11,961.	1.2	22
7	Coupled oceanâ€atmosphere loss of marine refractory dissolved organic carbon. Geophysical Research Letters, 2016, 43, 2765-2772.	1.5	35
8	Atmospheric Wet Deposition in Remote Regions: Benchmarks for Environmental Change. Journals of the Atmospheric Sciences, 2015, 72, 2947-2978.	0.6	36
9	Understanding the role of the ground surface in HONO vertical structure: High resolution vertical profiles during NACHTTâ€11. Journal of Geophysical Research D: Atmospheres, 2013, 118, 10,155.	1.2	111
10	Phase partitioning of soluble trace gases with sizeâ€resolved aerosols in nearâ€surface continental air over northern Colorado, USA, during winter. Journal of Geophysical Research D: Atmospheres, 2013, 118, 9414-9427.	1.2	56
11	Jarvis L. Moyers (1943â€“2011). Eos, 2011, 92, 351-351.	0.1	0
12	Photochemical production of hydroxyl radical and hydroperoxides in water extracts of nascent marine aerosols produced by bursting bubbles from Sargasso seawater. Geophysical Research Letters, 2008, 35, .	1.5	45
13	Ammonia sources, transport, transformation, and deposition in coastal New England during summer. Journal of Geophysical Research, 2007, 112, .	3.3	56
14	Inorganic chlorine and bromine in coastal New England air during summer. Journal of Geophysical Research, 2007, 112, .	3.3	93
15	Chemical and physical characteristics of nascent aerosols produced by bursting bubbles at a model airâ€sea interface. Journal of Geophysical Research, 2007, 112, .	3.3	259
16	Emissions of major gaseous and particulate species during experimental burns of southern African biomass. Journal of Geophysical Research, 2006, 111, .	3.3	84
17	Comment on "Reactions at Interfaces As a Source of Sulfate Formation in Sea-Salt Particles" (I). Science, 2004, 303, 628b-628.	6.0	18
18	Closure evaluation of size-resolved aerosol pH in the New England coastal atmosphere during summer. Journal of Geophysical Research, 2004, 109, .	3.3	118

#	Article	IF	Citations
19	Concentrations, isotopic compositions, and sources of size-resolved, particulate organic carbon and oxalate in near-surface marine air at Bermuda during spring. Journal of Geophysical Research, 2003, 108, .	3.3	120
20	Phase partitioning and dry deposition of atmospheric nitrogen at the mid-Atlantic U.S. coast. Journal of Geophysical Research, 2003, 108, .	3.3	57
21	Marine biogenic and anthropogenic contributions to non-sea-salt sulfate in the marine boundary layer over the North Atlantic Ocean. Journal of Geophysical Research, 2002, 107, AAC 3-1.	3.3	119
22	Variation of marine aerosol acidity with particle size. Geophysical Research Letters, 2002, 29, 5-1.	1.5	74
23	Application of stable sulfur isotopes to differentiate sources of size-resolved Particulate sulfate in polluted marine air at Bermuda during spring. Geophysical Research Letters, 2001, 28, 1491-1494.	1.5	26
24	A general circulation model based calculation of HCl and ClNO2production from sea salt dechlorination: Reactive Chlorine Emissions Inventory. Journal of Geophysical Research, 1999, 104, 8347-8372.	3.3	111
25	Global chlorine emissions from biomass burning: Reactive Chlorine Emissions Inventory. Journal of Geophysical Research, 1999, 104, 8373-8389.	3.3	303
26	Composite global emissions of reactive chlorine from anthropogenic and natural sources: Reactive Chlorine Emissions Inventory. Journal of Geophysical Research, 1999, 104, 8429-8440.	3.3	311
27	Aerosol pH in the marine boundary layer. Journal of Aerosol Science, 1998, 29, 339-356.	1.8	246
28	The pH of deliquesced sea-salt aerosol in polluted marine air. Geophysical Research Letters, 1998, 25, 2181-2184.	1.5	106
29	Volatile inorganic Cl in surface air over eastern North America. Geophysical Research Letters, 1995, 22, 3513-3516.	1.5	29
30	Measurement technique for inorganic chlorine gases in the marine boundary layer. Environmental Science & Technology, 1993, 27, 866-874.	4.6	97
31	The geochemical cycling of reactive chlorine through the marine troposphere. Global Biogeochemical Cycles, 1990, 4, 407-430.	1.9	240
32	An intercomparison of measurement systems for vapor and particulate phase concentrations of formic and acetic acids. Journal of Geophysical Research, 1989, 94, 6457-6471.	3.3	96
33	Seaâ€salt corrections and interpretation of constituent ratios in marine precipitation. Journal of Geophysical Research, 1986, 91, 6647-6658.	3.3	671
34	Measurement of weak organic acidity in precipitation from remote areas of the world. Journal of Geophysical Research, 1983, 88, 5122-5130.	3.3	352