Haihan Chen

List of Publications by Year
in descending order

19	1,727	471061 17	752256 20
papers	citations	h-index	g-index

21	21	21	3104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vertically resolved concentration and liquid water content of atmospheric nanoparticles at the US DOE Southern Great Plains site. Atmospheric Chemistry and Physics, 2018, 18, 311-326.	1.9	31
2	Size resolved chemical composition of nanoparticles from reactions of sulfuric acid with ammonia and dimethylamine. Aerosol Science and Technology, 2018, 52, 1120-1133.	1.5	26
3	New Particle Formation from Methanesulfonic Acid and Amines/Ammonia as a Function of Temperature. Environmental Science & Technology, 2017, 51, 243-252.	4.6	76
4	Reactions of Methanesulfonic Acid with Amines and Ammonia as a Source of New Particles in Air. Journal of Physical Chemistry B, 2016, 120, 1526-1536.	1.2	115
5	New particle formation and growth from methanesulfonic acid, trimethylamine and water. Physical Chemistry Chemical Physics, 2015, 17, 13699-13709.	1.3	88
6	Iron oxide nanoparticles induce Pseudomonas aeruginosa growth, induce biofilm formation, and inhibit antimicrobial peptide function. Environmental Science: Nano, 2014, 1, 123.	2.2	96
7	Aerosol fast flow reactor for laboratory studies of new particle formation. Journal of Aerosol Science, 2014, 78, 30-40.	1.8	21
8	Chemical imaging analysis of environmental particles using the focused ion beam/scanning electron microscopy technique: microanalysis insights into atmospheric chemistry of fly ash. Analyst, The, 2013, 138, 451-460.	1.7	18
9	Iron Dissolution of Dust Source Materials during Simulated Acidic Processing: The Effect of Sulfuric, Acetic, and Oxalic Acids. Environmental Science & Technology, 2013, 47, 10312-10321.	4.6	98
10	Coal Fly Ash Impairs Airway Antimicrobial Peptides and Increases Bacterial Growth. PLoS ONE, 2013, 8, e57673.	1.1	27
11	Titanium Dioxide Photocatalysis in Atmospheric Chemistry. Chemical Reviews, 2012, 112, 5919-5948.	23.0	710
12	Coal Fly Ash as a Source of Iron in Atmospheric Dust. Environmental Science & Technology, 2012, 46, 2112-2120.	4.6	129
13	Heterogeneous Atmospheric Chemistry of Lead Oxide Particles with Nitrogen Dioxide Increases Lead Solubility: Environmental and Health Implications. Environmental Science & Technology, 2012, 46, 12806-12813.	4.6	50
14	Heterogeneous Photochemistry of Trace Atmospheric Gases with Components of Mineral Dust Aerosol. Journal of Physical Chemistry A, 2011, 115, 490-499.	1.1	61
15	A Kinetic Study of Ozone Decomposition on Illuminated Oxide Surfaces. Journal of Physical Chemistry A, 2011, 115, 11979-11987.	1.1	55
16	A comparative evaluation of water uptake on several mineral dust sources. Environmental Chemistry, 2010, 7, 162.	0.7	27
17	Synthesis of small crystal zeolite beta in a biphasic H2Oâ€“CTABâ€“alcohol system. Materials Letters, 2009, 63, 343-345.	1.3	15
18	Mesoporous bismuth titanate with visible-light photocatalytic activity. Chemical Communications, 2008, , 4977.	2.2	51

#	Article	IF	Citations
19	Heterogeneous Uptake of Carbonyl Sulfide on Hematite and Hematiteâˆ’NaCl Mixtures. Environmental Science & Technology, 2007, 41, 6484-6490.	4.6	30