Taekyu Joo

List of Publications by Year in descending order

11 papers	245 citations	1039406 9 h-index	1281420 11 g-index
15 all docs	15 docs citations	15 times ranked	447 citing authors

#	Article	IF	Citations
1	Secondary Organic Aerosol Formation from Reaction of 3-Methylfuran with Nitrate Radicals. ACS Earth and Space Chemistry, 2019, 3, 922-934.	1.2	33
2	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.	3.9	33
3	An omnipresent diversity and variability in the chemical composition of atmospheric functionalized organic aerosol. Communications Chemistry, 2018, 1, .	2.0	25
4	Evaluation of particle filtration efficiency of commercially available materials for homemade face mask usage. Aerosol Science and Technology, 2021, 55, 930-942.	1.5	24
5	Effects of Molecular-Level Compositional Variability in Organic Aerosol on Phase State and Thermodynamic Mixing Behavior. Environmental Science & Technology, 2019, 53, 13009-13018.	4.6	22
6	Source signatures from combined isotopic analyses of PM2.5 carbonaceous and nitrogen aerosols at the peri-urban Taehwa Research Forest, South Korea in summer and fall. Science of the Total Environment, 2019, 655, 1505-1514.	3.9	17
7	Formation of Oxidized Gases and Secondary Organic Aerosol from a Commercial Oxidant-Generating Electronic Air Cleaner. Environmental Science and Technology Letters, 2021, 8, 691-698.	3.9	17
8	Evaluation of a New Aerosol Chemical Speciation Monitor (ACSM) System at an Urban Site in Atlanta, GA: The Use of Capture Vaporizer and PM_{2.5} Inlet. ACS Earth and Space Chemistry, 2021, 5, 2565-2576.	1.2	16
9	Prebiotic Phosphorylation of Uridine using Diamidophosphate in Aerosols. Scientific Reports, 2019, 9, 13527.	1.6	13
10	Quantifying organic matter and functional groups in particulate matter filter samples from the southeastern United States â€“ Part 2: Spatiotemporal trends. Atmospheric Measurement Techniques, 2021, 14, 4355-4374.	1.2	6
11	Inâ€flight particulate matter concentrations in commercial flights are likely lower than other indoor environments. Indoor Air, 2021, 31, 1484-1494.	2.0	3