Qifan Liu

List of Publications by Year
in descending order

12 papers	370 citations	840585 11 h-index	1199470 12 g-index
12 all docs	12 docs citations	12 times ranked	470 citing authors

#	Article	IF	Citations
1	Uncovering global-scale risks from commercial chemicals in air. Nature, 2021, 600, 456-461.	13.7	83
2	Heterogeneous reactions of NO₂ with CaCO₃â€“(NH₄)<sub>2</ mixtures at different relative humidities. Atmospheric Chemistry and Physics, 2016, 16, 8081-8093.	1.8	52
3	Atmospheric OH Oxidation Chemistry of Particulate Liquid Crystal Monomers: An Emerging Persistent Organic Pollutant in Air. Environmental Science and Technology Letters, 2020, 7, 646-652.	3.9	43
4	Hygroscopicity of internally mixed multi-component aerosol particles of atmospheric relevance. Atmospheric Environment, 2016, 125, 69-77.	1.9	42
5	Secondary organic aerosol formation from <i>Î±</i>-pinene, alkanes, and oil-sands-related precursors in a new oxidation flow reactor. Atmospheric Chemistry and Physics, 2019, 19, 9715-9731.	1.9	29
6	Liquid crystal display screens as a source for indoor volatile organic compounds. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	26
7	Experimental Study of OH-Initiated Heterogeneous Oxidation of Organophosphate Flame Retardants: Kinetics, Mechanism, and Toxicity. Environmental Science & Technology, 2019, 53, 14398-14408.	4.6	25
8	Understanding the Impact of Relative Humidity and Coexisting Soluble Iron on the OH-Initiated Heterogeneous Oxidation of Organophosphate Flame Retardants. Environmental Science & Technology, 2019, 53, 6794-6803.	4.6	21
9	Understanding the Impact of High-NO_{<i>x</i>} Conditions on the Formation of Secondary Organic Aerosol in the Photooxidation of Oil Sand-Related Precursors. Environmental Science & Technology, 2019, 53, 14420-14429.	4.6	18
10	Oxidative and Toxicological Evolution of Engineered Nanoparticles with Atmospherically Relevant Coatings. Environmental Science & Technology, 2019, 53, 3058-3066.	4.6	14
11	Understanding the Key Role of Atmospheric Processing in Determining the Oxidative Potential of Airborne Engineered Nanoparticles. Environmental Science and Technology Letters, 2020, 7, 7-13.	3.9	12
12	Evolution of Atmospheric Total Organic Carbon from Petrochemical Mixtures. Environmental Science & Technology, 2021, 55, 12841-12851.	4.6	3