

# Qifan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7197210/publications.pdf>

Version: 2024-02-01

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  | 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        |
| 2  | Evolution of Atmospheric Total Organic Carbon from Petrochemical Mixtures. Environmental Science & Technology, 2021, 55, 12841-12851.  | 4.6  | 3         |
| 3  | Uncovering global-scale risks from commercial chemicals in air. Nature, 2021, 600, 456-461.  | 13.7 | 83        |
| 4  | 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        |
| 5  | 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        |
| 6  | Secondary organic aerosol formation from $\alpha$ -pinene, alkanes, and oil-sands-related precursors in a new oxidation flow reactor. Atmospheric Chemistry and Physics, 2019, 19, 9715-9731.                              | 1.9  | 29        |
| 7  | 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        |
| 8  | Oxidative and Toxicological Evolution of Engineered Nanoparticles with Atmospherically Relevant Coatings. Environmental Science & Technology, 2019, 53, 3058-3066.   | 4.6  | 14        |
| 9  | 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        |
| 10 | Understanding the Impact of High-NO <sub>x</sub> 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        |
| 11 | Heterogeneous reactions of NO <sub>2</sub> with CaCO <sub>3</sub> •(NH <sub>4</sub> ) <sub>2</sub> mixtures at different relative humidities. Atmospheric Chemistry and Physics, 2016, 16, 8081-8093.                      | 1.9  | 24        |
| 12 | Hygroscopicity of internally mixed multi-component aerosol particles of atmospheric relevance. Atmospheric Environment, 2016, 125, 69-77.  | 1.9  | 42        |