

# Taekyu Joo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6344478/publications.pdf>

Version: 2024-02-01

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  | In-flight particulate matter concentrations in commercial flights are likely lower than other indoor environments. <i>Indoor Air</i> , 2021, 31, 1484-1494.   | 2.0 | 3         |
| 2  | Evaluation of particle filtration efficiency of commercially available materials for homemade face mask usage. <i>Aerosol Science and Technology</i> , 2021, 55, 930-942.   | 1.5 | 24        |
| 3  | Quantifying organic matter and functional groups in particulate matter filter samples from the southeastern United States – Part 2: Spatiotemporal trends. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 4355-4374.                         | 1.2 | 6         |
| 4  | Formation of Oxidized Gases and Secondary Organic Aerosol from a Commercial Oxidant-Generating Electronic Air Cleaner. <i>Environmental Science and Technology Letters</i> , 2021, 8, 691-698.  | 3.9 | 17        |
| 5  | Evaluation of a New Aerosol Chemical Speciation Monitor (ACSM) System at an Urban Site in Atlanta, GA: The Use of Capture Vaporizer and PM <sub>2.5</sub> Inlet. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2565-2576.                         | 1.2 | 16        |
| 6  | Nontargeted Tandem Mass Spectrometry Analysis Reveals Diversity and Variability in Aerosol Functional Groups across Multiple Sites, Seasons, and Times of Day. <i>Environmental Science and Technology Letters</i> , 2020, 7, 60-69.                | 3.9 | 33        |
| 7  | Effects of Molecular-Level Compositional Variability in Organic Aerosol on Phase State and Thermodynamic Mixing Behavior. <i>Environmental Science &amp; Technology</i> , 2019, 53, 13009-13018.  | 4.6 | 22        |
| 8  | Prebiotic Phosphorylation of Uridine using Diamidophosphate in Aerosols. <i>Scientific Reports</i> , 2019, 9, 13527.  | 1.6 | 13        |
| 9  | Secondary Organic Aerosol Formation from Reaction of 3-Methylfuran with Nitrate Radicals. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 922-934.  | 1.2 | 33        |
| 10 | Source signatures from combined isotopic analyses of PM <sub>2.5</sub> carbonaceous and nitrogen aerosols at the peri-urban Taehwa Research Forest, South Korea in summer and fall. <i>Science of the Total Environment</i> , 2019, 655, 1505-1514. | 3.9 | 17        |
| 11 | An omnipresent diversity and variability in the chemical composition of atmospheric functionalized organic aerosol. <i>Communications Chemistry</i> , 2018, 1, .  | 2.0 | 25        |