

# Ali Akherati

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3793501/publications.pdf>

Version: 2024-02-01

11  
papers

1,084  
citations

1040056

9  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2054  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Volatile chemical products emerging as largest petrochemical source of urban organic emissions. <i>Science</i> , 2018, 359, 760-764.  | 12.6 | 716       |
| 2  | Aging Effects on Biomass Burning Aerosol Mass and Composition: A Critical Review of Field and Laboratory Studies. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10007-10022.  | 10.0 | 116       |
| 3  | Oxygenated Aromatic Compounds are Important Precursors of Secondary Organic Aerosol in Biomass-Burning Emissions. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8568-8579.  | 10.0 | 72        |
| 4  | Experimental study of ultrasonic radiation on growth kinetic of asphaltene aggregation and deposition. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 2202-2209.   | 1.7  | 38        |
| 5  | Investigating diesel engines as an atmospheric source of isocyanic acid in urban areas. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8959-8970.   | 4.9  | 32        |
| 6  | Simulating secondary organic aerosol in a regional air quality model using the statistical oxidation model – Part 3: Assessing the influence of semi-volatile and intermediate-volatility organic compounds and NO <sub>x</sub> . <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4561-4594. | 4.9  | 29        |
| 7  | Dilution impacts on smoke aging: evidence in Biomass Burning Observation Project (BBOP) data. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6839-6855.   | 4.9  | 23        |
| 8  | Particle Size Distribution Dynamics Can Help Constrain the Phase State of Secondary Organic Aerosol. <i>Environmental Science &amp; Technology</i> , 2021, 55, 1466-1476.   | 10.0 | 22        |
| 9  | Secondary organic aerosol formation from evaporated biofuels: comparison to gasoline and correction for vapor wall losses. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1461-1474.  | 3.5  | 15        |
| 10 | Simulation of mineral dust aerosols in southwestern iran through numerical prediction models. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 1380-1393.   | 2.3  | 9         |
| 11 | Health and Environmental Justice Implications of Retiring Two Coal-Fired Power Plants in the Southern Front Range Region of Colorado. <i>GeoHealth</i> , 2019, 3, 266-283.  | 4.0  | 9         |