

# Ali Akherati

## List of Publications by Year in descending order

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

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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	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
2	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
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	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
5	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
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	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
8	Volatile chemical products emerging as largest petrochemical source of urban organic emissions. <i>Science</i> , 2018, 359, 760-764.	12.6	716
9	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
10	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
11	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