

# Simonas Kecorius

## List of Publications by Year in descending order

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23  
papers

1,057  
citations

567281

15  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Terrestrial or marine “ indications towards the origin of ice-nucleating particles during melt season in the European Arctic up to 83.7°N. Atmospheric Chemistry and Physics, 2021, 21, 11613-11636.	4.9	25
2	From Transfer to Knowledge Co-Production: A Transdisciplinary Research Approach to Reduce Black Carbon Emissions in Metro Manila, Philippines. Sustainability, 2020, 12, 10043.	3.2	2
3	Aerosol Particle and Black Carbon Emission Factors of Vehicular Fleet in Manila, Philippines. Atmosphere, 2019, 10, 603.	2.3	19
4	Respiratory tract deposition of inhaled roadside ultrafine refractory particles in a polluted megacity of South-East Asia. Science of the Total Environment, 2019, 663, 265-274.	8.0	21
5	A new method to measure real-world respiratory tract deposition of inhaled ambient black carbon. Environmental Pollution, 2019, 248, 295-303.	7.5	12
6	New particle formation and its effect on cloud condensation nuclei abundance in the summer Arctic: a case study in the Fram Strait and Barents Sea. Atmospheric Chemistry and Physics, 2019, 19, 14339-14364.	4.9	29
7	The Arctic Cloud Puzzle: Using ALOUD/PASCAL Multiplatform Observations to Unravel the Role of Clouds and Aerosol Particles in Arctic Amplification. Bulletin of the American Meteorological Society, 2019, 100, 841-871.	3.3	145
8	Heterogeneous N <sub>2</sub> O <sub>5</sub> uptake coefficient and production yield of ClNO <sub>2</sub> in polluted northern China: roles of aerosol water content and chemical composition. Atmospheric Chemistry and Physics, 2018, 18, 13155-13171.	4.9	67
9	Sizing of Ambient Particles From a Single Particle Soot Photometer Measurement to Retrieve Mixing State of Black Carbon at a Regional Site of the North China Plain. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,778.	3.3	24
10	Spatial Characterization of Black Carbon Mass Concentration in the Atmosphere of a Southeast Asian Megacity: An Air Quality Case Study for Metro Manila, Philippines. Aerosol and Air Quality Research, 2018, 18, 2301-2317.	2.1	38
11	Activity Pattern of School/University Tenants and their Family Members in Metro Manila “ Philippines. Aerosol and Air Quality Research, 2018, 18, 2412-2419.	2.1	10
12	Characterization of aerosol particles over the southern and South-Eastern Baltic Sea. Marine Chemistry, 2017, 190, 13-27.	2.3	6
13	Influence of biomass burning on mixing state of sub-micron aerosol particles in the North China Plain. Atmospheric Environment, 2017, 164, 259-269.	4.1	15
14	Aerosol particle mixing state, refractory particle number size distributions and emission factors in a polluted urban environment: Case study of Metro Manila, Philippines. Atmospheric Environment, 2017, 170, 169-183.	4.1	39
15	Contributions of nitrated aromatic compounds to the light absorption of water-soluble and particulate brown carbon in different atmospheric environments in Germany and China. Atmospheric Chemistry and Physics, 2017, 17, 1653-1672.	4.9	150
16	Significant concentrations of nitryl chloride sustained in the morning: investigations of the causes and impacts on ozone production in a polluted region of northern China. Atmospheric Chemistry and Physics, 2016, 16, 14959-14977.	4.9	146
17	Measuring the morphology and density of internally mixed black carbon with SP2 and VTDMA: new insight into the absorption enhancement of black carbon in the atmosphere. Atmospheric Measurement Techniques, 2016, 9, 1833-1843.	3.1	71
18	Variation of CCN activity during new particle formation events in the North China Plain. Atmospheric Chemistry and Physics, 2016, 16, 8593-8607.	4.9	64

#	ARTICLE	IF	CITATIONS
19	Significant increase of aerosol number concentrations in air masses crossing a densely trafficked sea area. <i>Oceanologia</i> , 2016, 58, 1-12.	2.2	14
20	First Quantification of Imidazoles in Ambient Aerosol Particles: Potential Photosensitizers, Brown Carbon Constituents, and Hazardous Components. <i>Environmental Science &amp; Technology</i> , 2016, 50, 1166-1173.	10.0	70
21	Nocturnal aerosol particle formation in the North China Plain. <i>Lithuanian Journal of Physics</i> , 2015, 55, .	0.4	13
22	Characteristics of black carbon aerosol mass concentration over the East Baltic region from two-year measurements. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1027.	2.1	18
23	Characterization of pollution events in the East Baltic region affected by regional biomass fire emissions. <i>Atmospheric Research</i> , 2010, 98, 190-200.	4.1	53