

Simonas Kecorius

List of Publications by Year in descending order

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Version: 2024-02-01

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	Contributions of nitrated aromatic compounds to the light absorption of water-soluble and particulate brown carbon in different atmospheric environments in Germany and China. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 1653-1672.	4.9	150
2	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. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14959-14977.	4.9	146
3	The Arctic Cloud Puzzle: Using ALOUD/PASCAL Multiplatform Observations to Unravel the Role of Clouds and Aerosol Particles in Arctic Amplification. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 841-871.	3.3	145
4	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. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1833-1843.	3.1	71
5	First Quantification of Imidazoles in Ambient Aerosol Particles: Potential Photosensitizers, Brown Carbon Constituents, and Hazardous Components. <i>Environmental Science & Technology</i> , 2016, 50, 1166-1173.	10.0	70
6	Heterogeneous N ₂ O ₅ uptake coefficient and production yield of ClNO ₂ in polluted northern China: roles of aerosol water content and chemical composition. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13155-13171.	4.9	67
7	Variation of CCN activity during new particle formation events in the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8593-8607.	4.9	64
8	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
9	Aerosol particle mixing state, refractory particle number size distributions and emission factors in a polluted urban environment: Case study of Metro Manila, Philippines. <i>Atmospheric Environment</i> , 2017, 170, 169-183.	4.1	39
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. <i>Aerosol and Air Quality Research</i> , 2018, 18, 2301-2317.	2.1	38
11	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. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 14339-14364.	4.9	29
12	Terrestrial or marine “ indications towards the origin of ice-nucleating particles during melt season in the European Arctic up to 83.7°N. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11613-11636.	4.9	25
13	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. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,778.	3.3	24
14	Respiratory tract deposition of inhaled roadside ultrafine refractory particles in a polluted megacity of South-East Asia. <i>Science of the Total Environment</i> , 2019, 663, 265-274.	8.0	21
15	Aerosol Particle and Black Carbon Emission Factors of Vehicular Fleet in Manila, Philippines. <i>Atmosphere</i> , 2019, 10, 603.	2.3	19
16	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
17	Influence of biomass burning on mixing state of sub-micron aerosol particles in the North China Plain. <i>Atmospheric Environment</i> , 2017, 164, 259-269.	4.1	15
18	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

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19	Nocturnal aerosol particle formation in the North China Plain. Lithuanian Journal of Physics, 2015, 55, .	0.4	13
20	A new method to measure real-world respiratory tract deposition of inhaled ambient black carbon. Environmental Pollution, 2019, 248, 295-303.	7.5	12
21	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
22	Characterization of aerosol particles over the southern and South-Eastern Baltic Sea. Marine Chemistry, 2017, 190, 13-27.	2.3	6
23	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