

Ari Leskinen

List of Publications by Year in descending order

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42
papers

1,334
citations

361045

20
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360668

35
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all docs

43
docs citations

43
times ranked

2268
citing authors

#	ARTICLE	IF	CITATIONS
1	Methane budget estimates in Finland from the CarbonTracker Europe-CH ₄ data assimilation system. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 71, 1565030.	0.8	11
2	Fine and ultrafine airborne PM influence inflammation response of young adults and toxicological responses in vitro. <i>Science of the Total Environment</i> , 2022, 836, 155618.	3.9	13
3	Winter and spring variation in sources, chemical components and toxicological responses of urban air particulate matter samples in Guangzhou, China. <i>Science of the Total Environment</i> , 2022, 845, 157382.	3.9	6
4	Observations on aerosol optical properties and scavenging during cloud events. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1683-1695.	1.9	3
5	Associations of Particulate Matter Sizes and Chemical Constituents with Blood Lipids: A Panel Study in Guangzhou, China. <i>Environmental Science & Technology</i> , 2021, 55, 5065-5075.	4.6	25
6	Short-Term Effects of Particle Size and Constituents on Blood Pressure in Healthy Young Adults in Guangzhou, China. <i>Journal of the American Heart Association</i> , 2021, 10, e019063.	1.6	17
7	Lidar depolarization ratio of atmospheric pollen at multiple wavelengths. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7083-7097.	1.9	18
8	Mass concentration estimates of long-range-transported Canadian biomass burning aerosols from a multi-wavelength Raman polarization lidar and a ceilometer in Finland. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 6159-6179.	1.2	3
9	Greenness around schools associated with lower risk of hypertension among children: Findings from the Seven Northeastern Cities Study in China. <i>Environmental Pollution</i> , 2020, 256, 113422.	3.7	42
10	Benefits of influenza vaccination on the associations between ambient air pollution and allergic respiratory diseases in children and adolescents: New insights from the Seven Northeastern Cities study in China. <i>Environmental Pollution</i> , 2020, 256, 113434.	3.7	20
11	Association between community greenness and obesity in urban-dwelling Chinese adults. <i>Science of the Total Environment</i> , 2020, 702, 135040.	3.9	75
12	Ambient Airborne Particulates of Diameter $\leq 1 \mu\text{m}$, a Leading Contributor to the Association Between Ambient Airborne Particulates of Diameter $\leq 2.5 \mu\text{m}$ and Children's Blood Pressure. <i>Hypertension</i> , 2020, 75, 347-355.	1.3	39
13	Modification of caesarean section on the associations between air pollution and childhood asthma in seven Chinese cities. <i>Environmental Pollution</i> , 2020, 267, 115443.	3.7	3
14	Evaluating atmospheric icing forecasts with ground-based ceilometer profiles. <i>Meteorological Applications</i> , 2020, 27, e1964.	0.9	1
15	The role of influenza vaccination in mitigating the adverse impact of ambient air pollution on lung function in children: New insights from the Seven Northeastern Cities Study in China. <i>Environmental Research</i> , 2020, 187, 109624.	3.7	8
16	Air quality intervention during the Nanjing youth olympic games altered PM sources, chemical composition, and toxicological responses. <i>Environmental Research</i> , 2020, 185, 109360.	3.7	14
17	Influence of wood species on toxicity of log-wood stove combustion aerosols: a parallel animal and air-liquid interface cell exposure study on spruce and pine smoke. <i>Particle and Fibre Toxicology</i> , 2020, 17, 27.	2.8	38
18	Direct contribution of ammonia to NH_4^+ -pinene secondary organic aerosol formation. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14393-14405.	1.9	17

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19	Optical characterization of pure pollen types using a multi-wavelength Raman polarization lidar. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15323-15339.	1.9	21
20	The Contribution of Black Carbon and Non-BC Absorbers on Aerosol Absorption Coefficient in Nanjing, China. <i>Aerosol and Air Quality Research</i> , 2020, , .	0.9	4
21	Association of Breastfeeding and Air Pollution Exposure With Lung Function in Chinese Children. <i>JAMA Network Open</i> , 2019, 2, e194186.	2.8	33
22	Association of Long-term Exposure to Ambient Air Pollutants With Risk Factors for Cardiovascular Disease in China. <i>JAMA Network Open</i> , 2019, 2, e190318.	2.8	143
23	Potential dual effect of anthropogenic emissions on the formation of biogenic secondary organic aerosol (BSOA). <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 15651-15671.	1.9	16
24	A novel high-volume Photochemical Emission Aging flow tube Reactor (PEAR). <i>Aerosol Science and Technology</i> , 2019, 53, 276-294.	1.5	20
25	PM2.5 concentration and composition in the urban air of Nanjing, China: Effects of emission control measures applied during the 2014 Youth Olympic Games. <i>Science of the Total Environment</i> , 2019, 652, 1-18.	3.9	26
26	Volatile Organic Compounds from Logwood Combustion: Emissions and Transformation under Dark and Photochemical Aging Conditions in a Smog Chamber. <i>Environmental Science & Technology</i> , 2018, 52, 4979-4988.	4.6	57
27	Ambient air pollution in relation to diabetes and glucose-homoeostasis markers in China: a cross-sectional study with findings from the 33 Communities Chinese Health Study. <i>Lancet Planetary Health</i> , The, 2018, 2, e64-e73.	5.1	164
28	A panel study of airborne particulate matter concentration and impaired cardiopulmonary function in young adults by two different exposure measurement. <i>Atmospheric Environment</i> , 2018, 180, 103-109.	1.9	16
29	Emissions and atmospheric processes influence the chemical composition and toxicological properties of urban air particulate matter in Nanjing, China. <i>Science of the Total Environment</i> , 2018, 639, 1290-1310.	3.9	55
30	Is smaller worse? New insights about associations of PM1 and respiratory health in children and adolescents. <i>Environment International</i> , 2018, 120, 516-524.	4.8	68
31	Effect of Pellet Boiler Exhaust on Secondary Organic Aerosol Formation from Î±-Pinene. <i>Environmental Science & Technology</i> , 2017, 51, 1423-1432.	4.6	9
32	Estimation of atmospheric particle formation rates through an analytical formula: validation and application in HyytiÄlä and Puijo, Finland. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13361-13371.	1.9	1
33	Profiling water vapor mixing ratios in Finland by means of a Raman lidar, a satellite and a model. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 4303-4316.	1.2	17
34	In-cloud measurements highlight the role of aerosol hygroscopicity in cloud droplet formation. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10385-10398.	1.9	24
35	Transformation of logwood combustion emissions in a smog chamber: formation of secondary organic aerosol and changes in the primary organic aerosol upon daytime and nighttime aging. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13251-13269.	1.9	76
36	Role of microbial and chemical composition in toxicological properties of indoor and outdoor air particulate matter. <i>Particle and Fibre Toxicology</i> , 2014, 11, 60.	2.8	32

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37	Seasonal variation in the toxicological properties of size-segregated indoor and outdoor air particulate matter. <i>Toxicology in Vitro</i> , 2013, 27, 1550-1561.	1.1	35
38	Aerosol Chemical Composition in Cloud Events by High Resolution Time-of-Flight Aerosol Mass Spectrometry. <i>Environmental Science & Technology</i> , 2013, 47, 2645-2653.	4.6	40
39	Long-term measurements of cloud droplet concentrations and aerosol-cloud interactions in continental boundary layer clouds. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2013, 65, 20138.	0.8	30
40	Characterization of Chemical and Microbial Species from Size-Segregated Indoor and Outdoor Particulate Samples. <i>Aerosol and Air Quality Research</i> , 2013, 13, 1212-1230.	0.9	16
41	Laboratory and Field Testing of Sampling Methods for Inhalable and Respirable Dust. <i>Journal of Occupational and Environmental Hygiene</i> , 2007, 5, 28-35.	0.4	19
42	Measurements and modelling of PM _{2.5} concentrations near a major road in Kuopio, Finland. <i>Atmospheric Environment</i> , 2002, 36, 4057-4068.	1.9	59