

Ari Leskinen

List of Publications by Year in descending order

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42
papers

1,334
citations

361413

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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. Tellus, Series B: Chemical and Physical Meteorology, 2022, 71, 1565030.	1.6	11
2	Fine and ultrafine airborne PM influence inflammation response of young adults and toxicological responses in vitro. Science of the Total Environment, 2022, 836, 155618.	8.0	13
3	Winter and spring variation in sources, chemical components and toxicological responses of urban air particulate matter samples in Guangzhou, China. Science of the Total Environment, 2022, 845, 157382.	8.0	6
4	Observations on aerosol optical properties and scavenging during cloud events. Atmospheric Chemistry and Physics, 2021, 21, 1683-1695.	4.9	3
5	Associations of Particulate Matter Sizes and Chemical Constituents with Blood Lipids: A Panel Study in Guangzhou, China. Environmental Science & Technology, 2021, 55, 5065-5075.	10.0	25
6	Short-Term Effects of Particle Size and Constituents on Blood Pressure in Healthy Young Adults in Guangzhou, China. Journal of the American Heart Association, 2021, 10, e019063.	3.7	17
7	Lidar depolarization ratio of atmospheric pollen at multiple wavelengths. Atmospheric Chemistry and Physics, 2021, 21, 7083-7097.	4.9	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. Atmospheric Measurement Techniques, 2021, 14, 6159-6179.	3.1	3
9	Greenness around schools associated with lower risk of hypertension among children: Findings from the Seven Northeastern Cities Study in China. Environmental Pollution, 2020, 256, 113422.	7.5	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. Environmental Pollution, 2020, 256, 113434.	7.5	20
11	Association between community greenness and obesity in urban-dwelling Chinese adults. Science of the Total Environment, 2020, 702, 135040.	8.0	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. Hypertension, 2020, 75, 347-355.	2.7	39
13	Modification of caesarean section on the associations between air pollution and childhood asthma in seven Chinese cities. Environmental Pollution, 2020, 267, 115443.	7.5	3
14	Evaluating atmospheric icing forecasts with ground-based ceilometer profiles. Meteorological Applications, 2020, 27, e1964.	2.1	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. Environmental Research, 2020, 187, 109624.	7.5	8
16	Air quality intervention during the Nanjing youth olympic games altered PM sources, chemical composition, and toxicological responses. Environmental Research, 2020, 185, 109360.	7.5	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. Particle and Fibre Toxicology, 2020, 17, 27.	6.2	38
18	Direct contribution of ammonia to α -pinene secondary organic aerosol formation. Atmospheric Chemistry and Physics, 2020, 20, 14393-14405.	4.9	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.	4.9	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, , .	2.1	4
21	Association of Breastfeeding and Air Pollution Exposure With Lung Function in Chinese Children. <i>JAMA Network Open</i> , 2019, 2, e194186.	5.9	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.	5.9	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.	4.9	16
24	A novel high-volume Photochemical Emission Aging flow tube Reactor (PEAR). <i>Aerosol Science and Technology</i> , 2019, 53, 276-294.	3.1	20
25	PM _{2.5} 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.	8.0	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.	10.0	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.	11.4	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.	4.1	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.	8.0	55
30	Is smaller worse? New insights about associations of PM ₁ and respiratory health in children and adolescents. <i>Environment International</i> , 2018, 120, 516-524.	10.0	68
31	Effect of Pellet Boiler Exhaust on Secondary Organic Aerosol Formation from Î±-Pinene. <i>Environmental Science & Technology</i> , 2017, 51, 1423-1432.	10.0	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.	4.9	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.	3.1	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.	4.9	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.	4.9	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.	6.2	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.	2.4	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.	10.0	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.	1.6	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.	2.1	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.	1.0	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.	4.1	59