Ari Leskinen

List of Publications by Year
in descending order

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42 papers	1,334 citations	361296 20 h-index	360920 35 g-index
43 all docs	43 docs citations	43 times ranked	2268 citing authors

#	Article	IF	Citations
1	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. Lancet Planetary Health, The, 2018, 2, e64-e73.	5.1	164
2	Association of Long-term Exposure to Ambient Air Pollutants With Risk Factors for Cardiovascular Disease in China. JAMA Network Open, 2019, 2, e190318.	2.8	143
3	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. Atmospheric Chemistry and Physics, 2016, 16, 13251-13269.	1.9	76
4	Association between community greenness and obesity in urban-dwelling Chinese adults. Science of the Total Environment, 2020, 702, 135040.	3.9	75
5	Is smaller worse? New insights about associations of PM1 and respiratory health in children and adolescents. Environment International, 2018, 120, 516-524.	4.8	68
6	Measurements and modelling of PM2.5 concentrations near a major road in Kuopio, Finland. Atmospheric Environment, 2002, 36, 4057-4068.	1.9	59
7	Volatile Organic Compounds from Logwood Combustion: Emissions and Transformation under Dark and Photochemical Aging Conditions in a Smog Chamber. Environmental Science & Technology, 2018, 52, 4979-4988.	4.6	57
8	Emissions and atmospheric processes influence the chemical composition and toxicological properties of urban air particulate matter in Nanjing, China. Science of the Total Environment, 2018, 639, 1290-1310.	3.9	55
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.	3.7	42
10	Aerosol Chemical Composition in Cloud Events by High Resolution Time-of-Flight Aerosol Mass Spectrometry. Environmental Science & Technology, 2013, 47, 2645-2653.	4.6	40
11	Ambient Airborne Particulates of Diameter â‰¤1 Î¼m, a Leading Contributor to the Association Between Ambient Airborne Particulates of Diameter â‰¤2.5 Î¼m and Childrenâ€™s Blood Pressure. Hypertension, 2020, 75, 347-355.	1.3	39
12	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.	2.8	38
13	Seasonal variation in the toxicological properties of size-segregated indoor and outdoor air particulate matter. Toxicology in Vitro, 2013, 27, 1550-1561.	1.1	35
14	Association of Breastfeeding and Air Pollution Exposure With Lung Function in Chinese Children. JAMA Network Open, 2019, 2, e194186.	2.8	33
15	Role of microbial and chemical composition in toxicological properties of indoor and outdoor air particulate matter. Particle and Fibre Toxicology, 2014, 11, 60.	2.8	32
16	Long-term measurements of cloud droplet concentrations and aerosolâ€“cloud interactions in continental boundary layer clouds. Tellus, Series B: Chemical and Physical Meteorology, 2013, 65, 20138.	0.8	30
17	PM2.5 concentration and composition in the urban air of Nanjing, China: Effects of emission control measures applied during the 2014 Youth Olympic Games. Science of the Total Environment, 2019, 652, 1-18.	3.9	26
18	Associations of Particulate Matter Sizes and Chemical Constituents with Blood Lipids: A Panel Study in Guangzhou, China. Environmental Science & Technology, 2021, 55, 5065-5075.	4.6	25

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19	In-cloud measurements highlight the role of aerosol hygroscopicity in cloud droplet formation. Atmospheric Chemistry and Physics, 2016, 16, 10385-10398.	1.9	24
20	Optical characterization of pure pollen types using a multi-wavelength Raman polarization lidar. Atmospheric Chemistry and Physics, 2020, 20, 15323-15339.	1.9	21
21	A novel high-volume Photochemical Emission Aging flow tube Reactor (PEAR). Aerosol Science and Technology, 2019, 53, 276-294.	1.5	20
22	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.	3.7	20
23	Laboratory and Field Testing of Sampling Methods for Inhalable and Respirable Dust. Journal of Occupational and Environmental Hygiene, 2007, 5, 28-35.	0.4	19
24	Lidar depolarization ratio of atmospheric pollen at multiple wavelengths. Atmospheric Chemistry and Physics, 2021, 21, 7083-7097.	1.9	18
25	Profiling water vapor mixing ratios in Finland by means of aÂRaman lidar, aÂsatellite and aÂmodel. Atmospheric Measurement Techniques, 2017, 10, 4303-4316.	1.2	17
26	Shortâ€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.	1.6	17
27	Direct contribution of ammonia to <i>Î±</i>-pinene secondary organic aerosol formation. Atmospheric Chemistry and Physics, 2020, 20, 14393-14405.	1.9	17
28	A panel study of airborne particulate matter concentration and impaired cardiopulmonary function in young adults by two different exposure measurement. Atmospheric Environment, 2018, 180, 103-109.	1.9	16
29	Potential dual effect of anthropogenic emissions on the formation of biogenic secondary organic aerosol (BSOA). Atmospheric Chemistry and Physics, 2019, 19, 15651-15671.	1.9	16
30	Characterization of Chemical and Microbial Species from Size-Segregated Indoor and Outdoor Particulate Samples. Aerosol and Air Quality Research, 2013, 13, 1212-1230.	0.9	16
31	Air quality intervention during the Nanjing youth olympic games altered PM sources, chemical composition, and toxicological responses. Environmental Research, 2020, 185, 109360.	3.7	14
32	Fine and ultrafine airborne PM influence inflammation response of young adults and toxicological responses in vitro. Science of the Total Environment, 2022, 836, 155618.	3.9	13
33	Methane budget estimates in Finland from the CarbonTracker Europe-CH₄ data assimilation system. Tellus, Series B: Chemical and Physical Meteorology, 2022, 71, 1565030.	0.8	11
34	Effect of Pellet Boiler Exhaust on Secondary Organic Aerosol Formation from Î±-Pinene. Environmental Science & Technology, 2017, 51, 1423-1432.	4.6	9
35	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.	3.7	8
36	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.	3.9	6

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37	The Contribution of Black Carbon and Non-BC Absorbers on Aerosol Absorption Coefficient in Nanjing, China. Aerosol and Air Quality Research, 2020, , .	0.9	4
38	Modification of caesarean section on the associations between air pollution and childhood asthma in seven Chinese cities. Environmental Pollution, 2020, 267, 115443.	3.7	3
39	Observations on aerosol optical properties and scavenging during cloud events. Atmospheric Chemistry and Physics, 2021, 21, 1683-1695.	1.9	3
40	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.	1.2	3
41	Estimation of atmospheric particle formation rates through an analytical formula: validation and application in HyytiÃlÃ and Puijo, Finland. Atmospheric Chemistry and Physics, 2017, 17, 13361-13371.	1.9	1
42	Evaluating atmospheric icing forecasts with groundâ€based ceilometer profiles. Meteorological Applications, 2020, 27, e1964.	0.9	1