Karri M Saarnio

List of Publications by Year
in descending order

23	1,547	394286	677027
papers	citations	19 h-index	22 g-index

26	26	26	2147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical composition of aerosols during a major biomass burning episode over northern Europe in spring 2006: Experimental and modelling assessments. Atmospheric Environment, 2007, 41, 3577-3589.	1.9	195
2	Fine particle and gaseous emissions from normal and smouldering wood combustion in a conventional masonry heater. Atmospheric Environment, 2008, 42, 7862-7873.	1.9	183
3	Physicochemical characterization of fine particles from small-scale wood combustion. Atmospheric Environment, 2011, 45, 7635-7643.	1.9	168
4	Biomass burning contributions to urban aerosols in a coastal Mediterranean City. Science of the Total Environment, 2012, 427-428, 175-190.	3.9	130
5	Polycyclic aromatic hydrocarbons in size-segregated particulate matter from six urban sites in Europe. Atmospheric Environment, 2008, 42, 9087-9097.	1.9	97
6	Chemical composition of fine particles in fresh smoke plumes from boreal wild-land fires in Europe. Science of the Total Environment, 2010, 408, 2527-2542.	3.9	90
7	Characteristics, sources and water-solubility of ambient submicron organic aerosol in springtime in Helsinki, Finland. Journal of Aerosol Science, 2013, 56, 61-77.	1.8	89
8	Determination of anthropogenic and biogenic compounds on atmospheric aerosol collected in urban, biomass burning and forest areas in SÃ£o Paulo, Brazil. Science of the Total Environment, 2010, 408, 5836-5844.	3.9	71
9	Impact of Biomass Combustion on Urban Fine Particulate Matter in Central and Northern Europe. Water, Air, and Soil Pollution, 2008, 191, 265-277.	1.1	70
10	High-performance anion-exchange chromatographyâ€“mass spectrometry method for determination of levoglucosan, mannosan, and galactosan in atmospheric fine particulate matter. Analytical and Bioanalytical Chemistry, 2010, 398, 2253-2264.	1.9	69
11	Composition of PM2.5 and PM10 Collected at Urban Sites in Brazil. Aerosol and Air Quality Research, 2014, 14, 168-176.	0.9	60
12	Chemical composition and size of particles in emissions of a coal-fired power plant with flue gas desulfurization. Journal of Aerosol Science, 2014, 73, 14-26.	1.8	58
13	High time-resolution chemical characterization of the water-soluble fraction of ambient aerosols with PILS-TOC-IC and AMS. Atmospheric Measurement Techniques, 2010, 3, 1063-1074.	1.2	51
14	Physical and chemical characterization of urban winter-time aerosols by mobile measurements in Helsinki, Finland. Atmospheric Environment, 2017, 158, 60-75.	1.9	38
15	Carbonaceous aerosol at a forested and an urban background sites in Southern Finland. Atmospheric Environment, 2011, 45, 1394-1401.	1.9	31
16	Online determination of levoglucosan in ambient aerosols with particle-into-liquid sampler â€“ high-performance anion-exchange chromatography â€“ mass spectrometry (PILSâ€“HPAECâ€“MS). Atmospheric Measurement Techniques, 2013, 6, 2839-2849.	1.2	27
17	Wintertime Aerosol Chemistry in Sub-Arctic Urban Air. Aerosol Science and Technology, 2014, 48, 313-323.	1.5	26
18	Characterization of trace metals on soot aerosol particles with the SP-AMS: detection and quantification. Atmospheric Measurement Techniques, 2015, 8, 4803-4815.	1.2	26

#	Article	IF	Citations
19	Particle Size Distribution and Gas-Particle Partition of Polycyclic Aromatic Hydrocarbons in Helsinki Urban Area. Journal of Atmospheric Chemistry, 2004, 47, 223-241.	1.4	23
20	Black carbon toxicity dependence on particle coating: Measurements with a novel cell exposure method. Science of the Total Environment, 2022, 838, 156543.	3.9	16
21	Optical and Chemical Characterization of Aerosols Emitted from Coal, Heavy and Light Fuel Oil, and Small-Scale Wood Combustion. Environmental Science & Technology, 2014, 48, 827-836.	4.6	15
22	Adaptation of Black Carbon Footprint Concept Would Accelerate Mitigation of Global Warming. Environmental Science & Technology, 2019, 53, 12153-12155.	4.6	14
23	Final report, on-going key comparison BIPM.QM-K1, ozone at ambient level, comparison with FMI, November 2017. Metrologia, 2018, 55, 08022-08022.	0.6	0