

# Karri M Saarnio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4224765/publications.pdf>

Version: 2024-02-01

23  
papers

1,547  
citations

394286

19  
h-index

677027

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Black carbon toxicity dependence on particle coating: Measurements with a novel cell exposure method. <i>Science of the Total Environment</i> , 2022, 838, 156543.	3.9	16
2	Adaptation of Black Carbon Footprint Concept Would Accelerate Mitigation of Global Warming. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12153-12155.	4.6	14
3	Final report, on-going key comparison BIPM.QM-K1, ozone at ambient level, comparison with FMI, November 2017. <i>Metrologia</i> , 2018, 55, 08022-08022.	0.6	0
4	Physical and chemical characterization of urban winter-time aerosols by mobile measurements in Helsinki, Finland. <i>Atmospheric Environment</i> , 2017, 158, 60-75.	1.9	38
5	Characterization of trace metals on soot aerosol particles with the SP-AMS: detection and quantification. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 4803-4815.	1.2	26
6	Optical and Chemical Characterization of Aerosols Emitted from Coal, Heavy and Light Fuel Oil, and Small-Scale Wood Combustion. <i>Environmental Science &amp; Technology</i> , 2014, 48, 827-836.	4.6	15
7	Wintertime Aerosol Chemistry in Sub-Arctic Urban Air. <i>Aerosol Science and Technology</i> , 2014, 48, 313-323.	1.5	26
8	Chemical composition and size of particles in emissions of a coal-fired power plant with flue gas desulfurization. <i>Journal of Aerosol Science</i> , 2014, 73, 14-26.	1.8	58
9	Composition of PM <sub>2.5</sub> and PM <sub>10</sub> Collected at Urban Sites in Brazil. <i>Aerosol and Air Quality Research</i> , 2014, 14, 168-176.	0.9	60
10	Characteristics, sources and water-solubility of ambient submicron organic aerosol in springtime in Helsinki, Finland. <i>Journal of Aerosol Science</i> , 2013, 56, 61-77.	1.8	89
11	Online determination of levoglucosan in ambient aerosols with particle-into-liquid sampler and high-performance anion-exchange chromatography-mass spectrometry (PILS-HPAEC-MS). <i>Atmospheric Measurement Techniques</i> , 2013, 6, 2839-2849.	1.2	27
12	Biomass burning contributions to urban aerosols in a coastal Mediterranean City. <i>Science of the Total Environment</i> , 2012, 427-428, 175-190.	3.9	130
13	Carbonaceous aerosol at a forested and an urban background sites in Southern Finland. <i>Atmospheric Environment</i> , 2011, 45, 1394-1401.	1.9	31
14	Physicochemical characterization of fine particles from small-scale wood combustion. <i>Atmospheric Environment</i> , 2011, 45, 7635-7643.	1.9	168
15	High-performance anion-exchange chromatography-mass spectrometry method for determination of levoglucosan, mannosan, and galactosan in atmospheric fine particulate matter. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2253-2264.	1.9	69
16	Chemical composition of fine particles in fresh smoke plumes from boreal wild-land fires in Europe. <i>Science of the Total Environment</i> , 2010, 408, 2527-2542.	3.9	90
17	Determination of anthropogenic and biogenic compounds on atmospheric aerosol collected in urban, biomass burning and forest areas in São Paulo, Brazil. <i>Science of the Total Environment</i> , 2010, 408, 5836-5844.	3.9	71
18	High time-resolution chemical characterization of the water-soluble fraction of ambient aerosols with PILS-TOC-IC and AMS. <i>Atmospheric Measurement Techniques</i> , 2010, 3, 1063-1074.	1.2	51

#	ARTICLE	IF	CITATIONS
19	Impact of Biomass Combustion on Urban Fine Particulate Matter in Central and Northern Europe. <i>Water, Air, and Soil Pollution</i> , 2008, 191, 265-277.	1.1	70
20	Fine particle and gaseous emissions from normal and smouldering wood combustion in a conventional masonry heater. <i>Atmospheric Environment</i> , 2008, 42, 7862-7873.	1.9	183
21	Polycyclic aromatic hydrocarbons in size-segregated particulate matter from six urban sites in Europe. <i>Atmospheric Environment</i> , 2008, 42, 9087-9097.	1.9	97
22	Chemical composition of aerosols during a major biomass burning episode over northern Europe in spring 2006: Experimental and modelling assessments. <i>Atmospheric Environment</i> , 2007, 41, 3577-3589.	1.9	195
23	Particle Size Distribution and Gas-Particle Partition of Polycyclic Aromatic Hydrocarbons in Helsinki Urban Area. <i>Journal of Atmospheric Chemistry</i> , 2004, 47, 223-241.	1.4	23