

# Fumikazu Ikemori

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,110  
citations

430874

18  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfate Aerosol as a Potential Transport Medium of Radiocesium from the Fukushima Nuclear Accident. <i>Environmental Science &amp; Technology</i> , 2012, 46, 5720-5726.	10.0	208
2	Light Absorption and Excitation–Emission Fluorescence of Urban Organic Aerosol Components and Their Relationship to Chemical Structure. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10859-10868.	10.0	138
3	Chemical Structural Characteristics of HULIS and Other Fractionated Organic Matter in Urban Aerosols: Results from Mass Spectral and FT-IR Analysis. <i>Environmental Science &amp; Technology</i> , 2016, 50, 1721-1730.	10.0	92
4	The influence of the open burning of agricultural biomass and forest fires in Thailand on the carbonaceous components in size-fractionated particles. <i>Environmental Pollution</i> , 2019, 247, 238-247.	7.5	86
5	Properties of light-absorbing aerosols in the Nagoya urban area, Japan, in August 2011 and January 2012: Contributions of brown carbon and lensing effect. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 12,721.	3.3	57
6	Health effects of PM <sub>2.5</sub> sources on children's allergic and respiratory symptoms in Fukuoka, Japan. <i>Science of the Total Environment</i> , 2020, 709, 136023.	8.0	50
7	Structural and Light-Absorption Characteristics of Complex Water-Insoluble Organic Mixtures in Urban Submicrometer Aerosols. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8293-8303.	10.0	49
8	Impact of field biomass burning on local pollution and long-range transport of PM <sub>2.5</sub> in Northeast Asia. <i>Environmental Pollution</i> , 2019, 244, 414-422.	7.5	46
9	Associations Between Fine Particulate Matter Components and Daily Mortality in Nagoya, Japan. <i>Journal of Epidemiology</i> , 2016, 26, 249-257.	2.4	41
10	Distributions and multiple sources of chlorinated polycyclic aromatic hydrocarbons in the air over Japan. <i>Science of the Total Environment</i> , 2019, 649, 364-371.	8.0	29
11	Local and seasonal variations in concentrations of chlorinated polycyclic aromatic hydrocarbons associated with particles in a Japanese megacity. <i>Journal of Hazardous Materials</i> , 2016, 312, 254-261.	12.4	24
12	Characterization and possible sources of nitrated mono- and di-aromatic hydrocarbons containing hydroxyl and/or carboxyl functional groups in ambient particles in Nagoya, Japan. <i>Atmospheric Environment</i> , 2019, 211, 91-102.	4.1	24
13	Identification of biased sectors in emission data using a combination of chemical transport model and receptor model. <i>Atmospheric Environment</i> , 2017, 166, 166-181.	4.1	21
14	Influence of contemporary carbon originating from the 2003 Siberian forest fire on organic carbon in PM <sub>2.5</sub> in Nagoya, Japan. <i>Science of the Total Environment</i> , 2015, 530-531, 403-410.	8.0	19
15	Source apportionment in PM <sub>2.5</sub> in central Japan using positive matrix factorization focusing on small-scale local biomass burning. <i>Atmospheric Pollution Research</i> , 2021, 12, 162-172.	3.8	19
16	Optimisation of pre-treatment and ionisation for GC/MS analysis for the determination of chlorinated PAHs in atmospheric particulate samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 1157-1168.	3.3	18
17	Source apportionment of chlorinated polycyclic aromatic hydrocarbons associated with ambient particles in a Japanese megacity. <i>Scientific Reports</i> , 2016, 6, 38358.	3.3	18
18	Traffic source impacts on chlorinated polycyclic aromatic hydrocarbons in PM <sub>2.5</sub> by short-range transport. <i>Atmospheric Environment</i> , 2019, 216, 116944.	4.1	18

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19	Decreasing trend of elemental carbon concentration with changes in major sources at Mega city Nagoya, Central Japan. <i>Atmospheric Environment</i> , 2019, 199, 155-163.	4.1	18
20	Site-specific variation in mass concentration and chemical components in ambient nanoparticles (PM0.1) in North Sumatra Province-Indonesia. <i>Atmospheric Pollution Research</i> , 2021, 12, 101062.	3.8	18
21	Time-resolved characterization of organic compounds in PM2.5 collected at Oki Island, Japan, affected by transboundary pollution of biomass and non-biomass burning from Northeast China. <i>Science of the Total Environment</i> , 2021, 750, 142183.	8.0	16
22	Weak size dependence of resuspended radiocesium adsorbed on soil particles collected after the Fukushima nuclear accident. <i>Journal of Environmental Radioactivity</i> , 2017, 172, 122-129.	1.7	15
23	Trends in PM2.5 Concentration in Nagoya, Japan, from 2003 to 2018 and Impacts of PM2.5 Countermeasures. <i>Atmosphere</i> , 2021, 12, 590.	2.3	13
24	Size-Segregated Particulate Matter Down to PM0.1 and Carbon Content during the Rainy and Dry Seasons in Sumatra Island, Indonesia. <i>Atmosphere</i> , 2021, 12, 1441.	2.3	12
25	Evaluation of the genotoxicity of PM2.5 collected by a high-volume air sampler with impactor. <i>Genes and Environment</i> , 2019, 41, 7.	2.1	11
26	Organic Molecular Tracers in PM2.5 at Urban Sites during Spring and Summer in Japan: Impact of Secondary Organic Aerosols on Water-Soluble Organic Carbon. <i>Atmosphere</i> , 2021, 12, 579.	2.3	9
27	A Cascade Air Sampler with Multi-nozzle Inertial Filters for PM0.1. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1666-1677.	2.1	9
28	Four- and Five-Carbon Dicarboxylic Acids Present in Secondary Organic Aerosol Produced from Anthropogenic and Biogenic Volatile Organic Compounds. <i>Atmosphere</i> , 2021, 12, 1703.	2.3	9
29	Air Pollution with Particulate Matter and Mutagens: Relevance of Asian Dust to Mutagenicity of Airborne Particles in Japan. <i>Genes and Environment</i> , 2014, 36, 120-136.	2.1	8
30	Comparison of Air Pollution in Metropolises in China (Beijing) and Japan (Osaka and Nagoya) on the Basis of the Levels of Contaminants and Mutagenicity. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 415-422.	1.4	6
31	Development of an Analytical Method for Strong Mutagens/Carcinogens, 3,9-Dinitrofluoranthene and Dinitropyrene Isomers, in the Environment and Their Particle-Size Distribution in Airborne Particles. <i>Chromatographia</i> , 2015, 78, 55-63.	1.3	5
32	Estimating Mass Concentration Using a Low-cost Portable Particle Counter Based on Full-year Observations: Issues to Obtain Reliable Atmospheric PM2.5 Data. <i>Asian Journal of Atmospheric Environment</i> , 2020, 14, 155-169.	1.1	2
33	Analysis of Halogenated Polycyclic Aromatic Hydrocarbons in the Air. , 0, , .		1
34	A twenty-year deposition record of elemental carbon in Northern Japan retrieved from archived filters. <i>Scientific Reports</i> , 2020, 10, 4520.	3.3	1
35	Spatial correlativity of atmospheric particulate components simultaneously collected in Japan. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 85.	2.7	0
36	Formation of secondary organic aerosol tracers from anthropogenic and biogenic volatile organic compounds under varied NO and oxidant conditions. <i>Atmospheric Environment: X</i> , 2022, , 100169.	1.4	0