Fumikazu Ikemori

List of Publications by Year
in descending order

36	1,110	430843 18	395678 33
papers	citations	h-index	g-index

36	36	36	1369
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulfate Aerosol as a Potential Transport Medium of Radiocesium from the Fukushima Nuclear Accident. Environmental Science & Technology, 2012, 46, 5720-5726.	10.0	208
2	Light Absorption and Excitationâ€“Emission Fluorescence of Urban Organic Aerosol Components and Their Relationship to Chemical Structure. Environmental Science & Technology, 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. Environmental Science & Technology, 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. Environmental Pollution, 2019, 247, 238-247.	7.5	86
5	Properties of lightâ€absorbing aerosols in the Nagoya urban area, Japan, in August 2011 and January 2012: Contributions of brown carbon and lensing effect. Journal of Geophysical Research D: Atmospheres, 2014, 119, 12,721.	3.3	57
6	Health effects of PM2.5 sources on children's allergic and respiratory symptoms in Fukuoka, Japan. Science of the Total Environment, 2020, 709, 136023.	8.0	50
7	Structural and Light-Absorption Characteristics of Complex Water-Insoluble Organic Mixtures in Urban Submicrometer Aerosols. Environmental Science & Technology, 2017, 51, 8293-8303.	10.0	49
8	Impact of field biomass burning on local pollution and long-range transport of PM2.5 in Northeast Asia. Environmental Pollution, 2019, 244, 414-422.	7.5	46
9	Associations Between Fine Particulate Matter Components and Daily Mortality in Nagoya, Japan. Journal of Epidemiology, 2016, 26, 249-257.	2.4	41
10	Distributions and multiple sources of chlorinated polycyclic aromatic hydrocarbons in the air over Japan. Science of the Total Environment, 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. Journal of Hazardous Materials, 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. Atmospheric Environment, 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. Atmospheric Environment, 2017, 166, 166-181.	4.1	21
14	Influence of contemporary carbon originating from the 2003 Siberian forest fire on organic carbon in PM 2.5 in Nagoya, Japan. Science of the Total Environment, 2015, 530-531, 403-410.	8.0	19
15	Source apportionment in PM2.5 in central Japan using positive matrix factorization focusing on small-scale local biomass burning. Atmospheric Pollution Research, 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. International Journal of Environmental Analytical Chemistry, 2015, 95, 1157-1168.	3.3	18
17	Source apportionment of chlorinated polycyclic aromatic hydrocarbons associated with ambient particles in a Japanese megacity. Scientific Reports, 2016, 6, 38358.	3.3	18
18	Traffic source impacts on chlorinated polycyclic aromatic hydrocarbons in PM2.5 by short-range transport. Atmospheric Environment, 2019, 216, 116944.	4.1	18

#	Article	IF	Citations
19	Decreasing trend of elemental carbon concentration with changes in major sources at Mega city Nagoya, Central Japan. Atmospheric Environment, 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. Atmospheric Pollution Research, 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. Science of the Total Environment, 2021, 750, 142183.	8.0	16
22	Weak size dependence of resuspended radiocesium adsorbed on soil particles collected after the Fukushima nuclear accident. Journal of Environmental Radioactivity, 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. Atmosphere, 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. Atmosphere, 2021, 12, 1441.	2.3	12
25	Evaluation of the genotoxicity of PM2.5 collected by a high-volume air sampler with impactor. Genes and Environment, 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. Atmosphere, 2021, 12, 579.	2.3	9
27	A Cascade Air Sampler with Multi-nozzle Inertial Filters for PM0.1. Aerosol and Air Quality Research, 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. Atmosphere, 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. Genes and Environment, 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. Biological and Pharmaceutical Bulletin, 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. Chromatographia, 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. Asian Journal of Atmospheric Environment, 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. Scientific Reports, 2020, 10, 4520.	3.3	1
35	Spatial correlativity of atmospheric particulate components simultaneously collected in Japan. Environmental Monitoring and Assessment, 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. Atmospheric Environment: X, 2022, , 100169.	1.4	0