Takashi Amagai

List of Publications by Year
in descending order

27 papers	947 citations	516710 16 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	908 citing authors

#	Article	IF	Citations
1	Aryl Hydrocarbon Receptor-Mediated Effects of Chlorinated Polycyclic Aromatic Hydrocarbons. Chemical Research in Toxicology, 2007, 20, 1237-1241.	3.3	144
2	Comparative study on indoor air quality in Japan and China: Characteristics of residential indoor and outdoor VOCs. Atmospheric Environment, 2009, 43, 6352-6359.	4.1	133
3	Discovery of Novel Halogenated Polycyclic Aromatic Hydrocarbons in Urban Particulate Matters: Occurrence, Photostability, and AhR Activity. Environmental Science & Technology, 2009, 43, 2269-2275.	10.0	117
4	Occurrence, Profiles, and Photostabilities of Chlorinated Polycyclic Aromatic Hydrocarbons Associated with Particulates in Urban Air. Environmental Science & Technology, 2005, 39, 85-91.	10.0	103
5	Seasonal and spatial trends of suspended-particle associated polycyclic aromatic hydrocarbons in urban Shizuoka, Japan. Journal of Hazardous Materials, 2007, 144, 513-521.	12.4	53
6	Simultaneous determination of polycyclic aromatic hydrocarbons and their chlorinated derivatives in grilled foods. Ecotoxicology and Environmental Safety, 2019, 178, 188-194.	6.0	50
7	Simultaneous determination of brominated and phosphate flame retardants in flame-retarded polyester curtains by a novel extraction method. Science of the Total Environment, 2017, 601-602, 1333-1339.	8.0	42
8	Mechanism of Formation of Chlorinated Pyrene during Combustion of Polyvinyl Chloride. Environmental Science & Technology, 2017, 51, 14100-14106.	10.0	31
9	Risk assessment of polycyclic aromatic hydrocarbons and their chlorinated derivatives produced during cooking and released in exhaust gas. Ecotoxicology and Environmental Safety, 2020, 197, 110592.	6.0	28
10	Seasonal variability of 1-chloropyrene on atmospheric particles and photostability in toluene. Chemosphere, 2004, 57, 831-837.	8.2	27
11	Effects of characteristics of waste incinerator on emission rate of halogenated polycyclic aromatic hydrocarbon into environments. Science of the Total Environment, 2018, 625, 633-639.	8.0	23
12	A simple method for screening emission sources of carbonyl compounds in indoor air. Journal of Hazardous Materials, 2010, 178, 370-376.	12.4	21
13	Determination of hexavalent chromium concentration in industrial waste incinerator stack gas by using a modified ion chromatography with post-column derivatization method. Journal of Chromatography A, 2017, 1502, 24-29.	3.7	21
14	Accurate and ultrasensitive determination of 72 parent and halogenated polycyclic aromatic hydrocarbons in a variety of environmental samples via gas chromatographyâ€“triple quadrupole mass spectrometry. Chemosphere, 2021, 271, 129535.	8.2	21
15	Halogenated Polycyclic Aromatic Hydrocarbons in Soil and River Sediment from E-waste Recycling Sites in Vietnam. Journal of Water and Environment Technology, 2016, 14, 166-176.	0.7	17
16	Identification of Novel Phosphorus-Based Flame Retardants in Curtains Purchased in Japan Using Orbitrap Mass Spectrometry. Environmental Science and Technology Letters, 2018, 5, 448-455.	8.7	17
17	Probabilistic exposure assessment of aggregate rates of dermal exposure of Japanese women and children to parabens in personal care products. Chemosphere, 2020, 239, 124704.	8.2	16
18	Comparison of rates of direct and indirect migration of phosphorus flame retardants from flame-retardant-treated polyester curtains to indoor dust. Ecotoxicology and Environmental Safety, 2019, 169, 464-469.	6.0	15

#	Article	IF	Citations
19	Occurrence, potential source, and cancer risk of PM2.5-bound polycyclic aromatic hydrocarbons and their halogenated derivatives in Shizuoka, Japan, and Dhaka, Bangladesh. Environmental Research, 2021, 196, 110909.	7.5	15
20	Comparison of the volatile organic compound recovery rates of commercial active samplers for evaluation of indoor air quality in work environments. Air Quality, Atmosphere and Health, 2017, 10, 737-746.	3.3	10
21	Rate of hexabromocyclododecane decomposition and production of brominated polycyclic aromatic hydrocarbons during combustion in a pilot-scale incinerator. Journal of Environmental Sciences, 2017, 61, 91-96.	6.1	10
22	Methods for the analysis of organophosphorus flame retardantsâ€"Comparison of GC-EI-MS, GC-NCI-MS, LC-ESI-MS/MS, and LC-APCI-MS/MS. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 475-481.	1.7	10
23	Dermal exposure to plasticizers in nail polishes: An alternative major exposure pathway of phosphorus-based compounds. Chemosphere, 2019, 226, 316-320.	8.2	9
24	Polycyclic Aromatic Hydrocarbons and Their Halogenated Derivatives in a Traditional Smoke-Dried Fish Product in Japan: Occurrence and Countermeasures. ACS Food Science & Technology, 2021, 1, 960-966.	2.7	6
25	Optimization of method for extracting 46 volatile organic compounds (VOCs) from an activated carbonâ€"silica gel active sampler to evaluate indoor work environments. Air Quality, Atmosphere and Health, 2021, 14, 1341-1348.	3.3	4
26	Quantification of Brominated Polycyclic Aromatic Hydrocarbons in Environmental Samples by Liquid Chromatography Tandem Mass Spectrometry with Atmospheric Pressure Photoionization and Post-column Infusion of Dopant. Analytical Sciences, 2020, 36, 1105-1111.	1.6	2
27	Gas chromatographic/mass spectrometric determination of benzene and its alkyl derivatives in indoor and outdoor air in Fuji, Japan. Journal of AOAC INTERNATIONAL, 2002, 85, 203-11.	1.5	2