

Takashi Amagai

List of Publications by Year in descending order

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papers

947
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516710

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908
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate and ultrasensitive determination of 72 parent and halogenated polycyclic aromatic hydrocarbons in a variety of environmental samples via gas chromatography–triple quadrupole mass spectrometry. <i>Chemosphere</i> , 2021, 271, 129535.	8.2	21
2	Occurrence, potential source, and cancer risk of PM2.5-bound polycyclic aromatic hydrocarbons and their halogenated derivatives in Shizuoka, Japan, and Dhaka, Bangladesh. <i>Environmental Research</i> , 2021, 196, 110909.	7.5	15
3	Polycyclic Aromatic Hydrocarbons and Their Halogenated Derivatives in a Traditional Smoke-Dried Fish Product in Japan: Occurrence and Countermeasures. <i>ACS Food Science & Technology</i> , 2021, 1, 960-966.	2.7	6
4	Optimization of method for extracting 46 volatile organic compounds (VOCs) from an activated carbon–silica gel active sampler to evaluate indoor work environments. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 1341-1348.	3.3	4
5	Probabilistic exposure assessment of aggregate rates of dermal exposure of Japanese women and children to parabens in personal care products. <i>Chemosphere</i> , 2020, 239, 124704.	8.2	16
6	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. <i>Analytical Sciences</i> , 2020, 36, 1105-1111.	1.6	2
7	Risk assessment of polycyclic aromatic hydrocarbons and their chlorinated derivatives produced during cooking and released in exhaust gas. <i>Ecotoxicology and Environmental Safety</i> , 2020, 197, 110592.	6.0	28
8	Simultaneous determination of polycyclic aromatic hydrocarbons and their chlorinated derivatives in grilled foods. <i>Ecotoxicology and Environmental Safety</i> , 2019, 178, 188-194.	6.0	50
9	Dermal exposure to plasticizers in nail polishes: An alternative major exposure pathway of phosphorus-based compounds. <i>Chemosphere</i> , 2019, 226, 316-320.	8.2	9
10	Comparison of rates of direct and indirect migration of phosphorus flame retardants from flame-retardant-treated polyester curtains to indoor dust. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 464-469.	6.0	15
11	Effects of characteristics of waste incinerator on emission rate of halogenated polycyclic aromatic hydrocarbon into environments. <i>Science of the Total Environment</i> , 2018, 625, 633-639.	8.0	23
12	Methods for the analysis of organophosphorus flame retardants—Comparison of GC-EI-MS, GC-NCI-MS, LC-ESI-MS/MS, and LC-APCI-MS/MS. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 475-481.	1.7	10
13	Identification of Novel Phosphorus-Based Flame Retardants in Curtains Purchased in Japan Using Orbitrap Mass Spectrometry. <i>Environmental Science and Technology Letters</i> , 2018, 5, 448-455.	8.7	17
14	Determination of hexavalent chromium concentration in industrial waste incinerator stack gas by using a modified ion chromatography with post-column derivatization method. <i>Journal of Chromatography A</i> , 2017, 1502, 24-29.	3.7	21
15	Comparison of the volatile organic compound recovery rates of commercial active samplers for evaluation of indoor air quality in work environments. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 737-746.	3.3	10
16	Rate of hexabromocyclododecane decomposition and production of brominated polycyclic aromatic hydrocarbons during combustion in a pilot-scale incinerator. <i>Journal of Environmental Sciences</i> , 2017, 61, 91-96.	6.1	10
17	Mechanism of Formation of Chlorinated Pyrene during Combustion of Polyvinyl Chloride. <i>Environmental Science & Technology</i> , 2017, 51, 14100-14106.	10.0	31
18	Simultaneous determination of brominated and phosphate flame retardants in flame-retarded polyester curtains by a novel extraction method. <i>Science of the Total Environment</i> , 2017, 601-602, 1333-1339.	8.0	42

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19	Halogenated Polycyclic Aromatic Hydrocarbons in Soil and River Sediment from E-waste Recycling Sites in Vietnam. <i>Journal of Water and Environment Technology</i> , 2016, 14, 166-176.	0.7	17
20	A simple method for screening emission sources of carbonyl compounds in indoor air. <i>Journal of Hazardous Materials</i> , 2010, 178, 370-376.	12.4	21
21	Comparative study on indoor air quality in Japan and China: Characteristics of residential indoor and outdoor VOCs. <i>Atmospheric Environment</i> , 2009, 43, 6352-6359.	4.1	133
22	Discovery of Novel Halogenated Polycyclic Aromatic Hydrocarbons in Urban Particulate Matters: Occurrence, Photostability, and AhR Activity. <i>Environmental Science & Technology</i> , 2009, 43, 2269-2275.	10.0	117
23	Aryl Hydrocarbon Receptor-Mediated Effects of Chlorinated Polycyclic Aromatic Hydrocarbons. <i>Chemical Research in Toxicology</i> , 2007, 20, 1237-1241.	3.3	144
24	Seasonal and spatial trends of suspended-particle associated polycyclic aromatic hydrocarbons in urban Shizuoka, Japan. <i>Journal of Hazardous Materials</i> , 2007, 144, 513-521.	12.4	53
25	Occurrence, Profiles, and Photostabilities of Chlorinated Polycyclic Aromatic Hydrocarbons Associated with Particulates in Urban Air. <i>Environmental Science & Technology</i> , 2005, 39, 85-91.	10.0	103
26	Seasonal variability of 1-chloropyrene on atmospheric particles and photostability in toluene. <i>Chemosphere</i> , 2004, 57, 831-837.	8.2	27
27	Gas chromatographic/mass spectrometric determination of benzene and its alkyl derivatives in indoor and outdoor air in Fuji, Japan. <i>Journal of AOAC INTERNATIONAL</i> , 2002, 85, 203-11.	1.5	2