

Hidenori Matsukami

List of Publications by Year in descending order

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39
papers

1,039
citations

471061

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414034

32
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all docs

44
docs citations

44
times ranked

1126
citing authors

#	ARTICLE	IF	CITATIONS
1	Flame retardant emission from e-waste recycling operation in northern Vietnam: Environmental occurrence of emerging organophosphorus esters used as alternatives for PBDEs. <i>Science of the Total Environment</i> , 2015, 514, 492-499.	3.9	177
2	The strength in numbers: comprehensive characterization of house dust using complementary mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1957-1977.	1.9	84
3	Dietary Exposure to Short-Chain Chlorinated Paraffins Has Increased in Beijing, China. <i>Environmental Science & Technology</i> , 2011, 45, 7019-7027.	4.6	79
4	Concentrations of polybrominated diphenyl ethers and alternative flame retardants in surface soils and river sediments from an electronic waste-processing area in northern Vietnam, 2012-2014. <i>Chemosphere</i> , 2017, 167, 291-299.	4.2	76
5	Mechanical recycling of plastic waste as a point source of microplastic pollution. <i>Environmental Pollution</i> , 2022, 303, 119114.	3.7	61
6	Exposure assessment of heavy metals in an e-waste processing area in northern Vietnam. <i>Science of the Total Environment</i> , 2018, 621, 1115-1123.	3.9	55
7	Occurrence of emerging flame retardants from e-waste recycling activities in the northern part of Vietnam. <i>Emerging Contaminants</i> , 2016, 2, 58-65.	2.2	47
8	Compositional Analysis of Commercial Oligomeric Organophosphorus Flame Retardants Used as Alternatives for PBDEs: Concentrations and Potential Environmental Emissions of Oligomers and Impurities. <i>Environmental Science & Technology</i> , 2015, 49, 12913-12921.	4.6	38
9	Comprehensive evaluation of dioxins and dioxin-like compounds in surface soils and river sediments from e-waste-processing sites in a village in northern Vietnam: Heading towards the environmentally sound management of e-waste. <i>Emerging Contaminants</i> , 2016, 2, 98-108.	2.2	38
10	PCBs, PBDEs and dioxin-related compounds in floor dust from an informal end-of-life vehicle recycling site in northern Vietnam: contamination levels and implications for human exposure. <i>Journal of Material Cycles and Waste Management</i> , 2017, 19, 1333-1341.	1.6	34
11	Short- and Medium-Chain Chlorinated Paraffins in Polyvinylchloride and Rubber Consumer Products and Toys Purchased on the Belgian Market. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1069.	1.2	33
12	Hazardous metals emissions from e-waste-processing sites in a village in northern Vietnam. <i>Emerging Contaminants</i> , 2018, 4, 11-21.	2.2	28
13	Analysis of monomeric and oligomeric organophosphorus flame retardants in fish muscle tissues using liquid chromatography-electrospray ionization tandem mass spectrometry: Application to Nile tilapia (<i>Oreochromis niloticus</i>) from an e-waste processing area in northern Vietnam. <i>Emerging Contaminants</i> , 2016, 2, 89-97.	2.2	24
14	Validity of using a relative potency factor approach for the risk management of dioxin-like polychlorinated naphthalenes. <i>Chemosphere</i> , 2020, 244, 125448.	4.2	24
15	Bioaccessibility and exposure assessment of flame retardants via dust ingestion for workers in e-waste processing workshops in northern Vietnam. <i>Chemosphere</i> , 2020, 251, 126632.	4.2	23
16	Liquid chromatography-electrospray ionization-tandem mass spectrometry for the determination of short-chain chlorinated paraffins in mixed plastic wastes. <i>Chemosphere</i> , 2020, 244, 125531.	4.2	21
17	Emerging halogenated flame retardants and hexabromocyclododecanes in food samples from an e-waste processing area in Vietnam. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 361-370.	1.7	18
18	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.	0.3	17

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19	Recycling plastics containing decabromodiphenyl ether into new consumer products including children's toys purchased in Japan and seventeen other countries. <i>Chemosphere</i> , 2022, 289, 133179.	4.2	17
20	Pilot-scale incineration of wastes with high content of chlorinated and non-halogenated organophosphorus flame retardants used as alternatives for PBDEs. <i>Science of the Total Environment</i> , 2014, 493, 672-681.	3.9	16
21	Inhalation bioaccessibility and health risk assessment of flame retardants in indoor dust from Vietnamese e-waste-dismantling workshops. <i>Science of the Total Environment</i> , 2021, 760, 143862.	3.9	15
22	Destruction behavior of short- and medium-chain chlorinated paraffins in solid waste at a pilot-scale incinerator. <i>Chemosphere</i> , 2019, 230, 164-172.	4.2	13
23	Emission of Dioxin-like Compounds and Flame Retardants from Commercial Facilities Handling Deca-BDE and Their Downstream Sewage Treatment Plants. <i>Environmental Science & Technology</i> , 2021, 55, 2324-2335.	4.6	13
24	Environmentally sound destruction of hexachlorobutadiene during waste incineration in commercial- and pilot-scale rotary kilns. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103464.	3.3	12
25	Use of comprehensive target analysis for determination of contaminants of emerging concern in a sediment core collected from Beppu Bay, Japan. <i>Environmental Pollution</i> , 2021, 272, 115587.	3.7	10
26	Comprehensive screening of polybromochlorodibenzo-p-dioxins, dibenzofurans as mixed halogenated compounds in wastewater samples from industrial facilities by GC/MS and post-data processing. <i>Chemosphere</i> , 2021, 276, 130085.	4.2	10
27	Early-life exposure to Tris(1,3-dichloroisopropyl) phosphate induces dose-dependent suppression of sexual behavior in male rats. <i>Journal of Applied Toxicology</i> , 2018, 38, 649-655.	1.4	8
28	Congener-specific partition properties of chlorinated paraffins evaluated with COSMOtherm and gas chromatographic retention indices. <i>Scientific Reports</i> , 2021, 11, 4426.	1.6	8
29	Simultaneous determination of polybrominated diphenyl ethers and hexabromocyclododecane in plastic waste by short-column gas-chromatography-quadrupole mass spectrometry and electron capture detector. <i>Chemosphere</i> , 2021, 277, 130301.	4.2	7
30	Direct measurements and modeling of congener group specific vapor pressure for chlorinated paraffins. <i>Chemosphere</i> , 2021, 281, 130909.	4.2	7
31	Investigation of novel brominated triazine-based flame retardant (TDBP-TAZTO) and its transformation products emitted from fire-retarded textile manufacturing facility and its downstream sewage treatment plant. <i>Science of the Total Environment</i> , 2021, 791, 148233.	3.9	5
32	Determination of hydrogen ion by ion chromatography (IC) with sulfonated cation-exchange resin as the stationary phase and aqueous EDTA (ethylenediamine- N , N , N -tri-, N -tetraacetic acid) solution as the mobile phase. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 370, 48-51.	1.5	4
33	Development and Interlaboratory Validation of Analytical Method for Phosphate Ester Flame Retardants. <i>Journal of Environmental Chemistry</i> , 2014, 24, 41-49.	0.1	4
34	Soil pollution by chlorobenzenes and polychlorinated biphenyls from an electronic waste recycling area in Northern Vietnam. <i>International Journal of Environment and Pollution</i> , 2018, 63, 283.	0.2	4
35	Distribution characteristics of poly-brominated diphenyl ethers between water and dissolved organic carbon from anaerobic digestate: Effects of digestion conditions. <i>Chemosphere</i> , 2019, 223, 358-365.	4.2	3
36	Estrogenic action by tris(2,6-dimethylphenyl) phosphate impairs the development of female reproductive functions. <i>Environment International</i> , 2020, 138, 105662.	4.8	3

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37	Use of zwitterionic micelles in the eluent II: a new approach to ion chromatographic analysis of inorganic cations in biological fluids with direct sample injection. Fresenius' Journal of Analytical Chemistry, 2001, 370, 426-428.	1.5	1
38	Mutual and Public Support System for the Disposal of Garbage for Elderly People. Journal of the Japan Society of Material Cycles and Waste Management, 2015, 26, 117-127.	0.1	1
39	Current Status and Future Issues Surrounding Management of Waste Containing New/Candidate POPs (PCNs, HCB, HBCDD, and PFAS). Material Cycles and Waste Management Research, 2021, 32, 8-16.	0.0	0