

# Hidenori Matsukami

## List of Publications by Citations

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39  
papers

639  
citations

13  
h-index

24  
g-index

44  
ext. papers

829  
ext. citations

7  
avg, IF

3.97  
L-index

#	Paper	IF	Citations
39	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> , <b>2015</b> , 514, 492-9	10.2	134
38	Dietary exposure to short-chain chlorinated paraffins has increased in Beijing, China. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 7019-27	10.3	69
37	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> , <b>2017</b> , 167, 291-299	8.4	49
36	The strength in numbers: comprehensive characterization of house dust using complementary mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 1957-1977	4.4	45
35	Exposure assessment of heavy metals in an e-waste processing area in northern Vietnam. <i>Science of the Total Environment</i> , <b>2018</b> , 621, 1115-1123	10.2	41
34	Occurrence of emerging flame retardants from e-waste recycling activities in the northern part of Vietnam. <i>Emerging Contaminants</i> , <b>2016</b> , 2, 58-65	5.8	35
33	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> , <b>2016</b> , 2, 98-108	5.8	32
32	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 &amp; Technology</i> , <b>2015</b> , 49, 12913-21	10.3	28
31	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> , <b>2017</b> , 19, 1333-1341	3.4	24
30	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> , <b>2016</b> , 2, 89-97	5.8	20
29	Hazardous metals emissions from e-waste-processing sites in a village in northern Vietnam. <i>Emerging Contaminants</i> , <b>2018</b> , 4, 11-21	5.8	18
28	Halogenated Polycyclic Aromatic Hydrocarbons in Soil and River Sediment from E-waste Recycling Sites in Vietnam. <i>Journal of Water and Environment Technology</i> , <b>2016</b> , 14, 166-176	1.1	16
27	Emerging halogenated flame retardants and hexabromocyclododecanes in food samples from an e-waste processing area in Vietnam. <i>Environmental Sciences: Processes and Impacts</i> , <b>2016</b> , 18, 361-70	4.3	13
26	Validity of using a relative potency factor approach for the risk management of dioxin-like polychlorinated naphthalenes. <i>Chemosphere</i> , <b>2020</b> , 244, 125448	8.4	13
25	Liquid chromatography-electrospray ionization-tandem mass spectrometry for the determination of short-chain chlorinated paraffins in mixed plastic wastes. <i>Chemosphere</i> , <b>2020</b> , 244, 125531	8.4	13
24	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> , <b>2014</b> , 493, 672-81	10.2	11
23	Bioaccessibility and exposure assessment of flame retardants via dust ingestion for workers in e-waste processing workshops in northern Vietnam. <i>Chemosphere</i> , <b>2020</b> , 251, 126632	8.4	9

22	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> , <b>2021</b> , 18,	4.6	8
21	Environmentally sound destruction of hexachlorobutadiene during waste incineration in commercial- and pilot-scale rotary kilns. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103464	6.8	7
20	Destruction behavior of short- and medium-chain chlorinated paraffins in solid waste at a pilot-scale incinerator. <i>Chemosphere</i> , <b>2019</b> , 230, 164-172	8.4	5
19	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> , <b>2021</b> , 760, 143862	10.2	5
18	Emission of Dioxin-like Compounds and Flame Retardants from Commercial Facilities Handling Deca-BDE and Their Downstream Sewage Treatment Plants. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 2324-2335	10.3	5
17	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> , <b>2018</b> , 38, 649-655	4.1	4
16	Determination of hydrogen ion by ion chromatography (IC) with sulfonated cation-exchange resin as the stationary phase and aqueous EDTA (ethylenediamine-N,N,N',N'-tetraacetic acid) solution as the mobile phase. <i>Fresenius Journal of Analytical Chemistry</i> , <b>2001</b> , 370, 48-51		4
15	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> , <b>2021</b> , 272, 115587	9.3	4
14	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> , <b>2021</b> , 276, 130085	8.4	4
13	Mechanical recycling of plastic waste as a point source of microplastic pollution.. <i>Environmental Pollution</i> , <b>2022</b> , 303, 119114	9.3	4
12	Recycling plastics containing decabromodiphenyl ether into new consumer products including children's toys purchased in Japan and seventeen other countries. <i>Chemosphere</i> , <b>2021</b> , 289, 133179	8.4	3
11	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> , <b>2021</b> , 791, 148233	10.2	3
10	Distribution characteristics of poly-brominated diphenyl ethers between water and dissolved organic carbon from anaerobic digestate: Effects of digestion conditions. <i>Chemosphere</i> , <b>2019</b> , 223, 358-365	8.4	2
9	Development and Interlaboratory Validation of Analytical Method for Phosphate Ester Flame Retardants. <i>Journal of Environmental Chemistry</i> , <b>2014</b> , 24, 41-49	0.3	2
8	Soil pollution by chlorobenzenes and polychlorinated biphenyls from an electronic waste recycling area in Northern Vietnam. <i>International Journal of Environment and Pollution</i> , <b>2018</b> , 63, 283	0.7	2
7	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> , <b>2021</b> , 277, 130301	8.4	2
6	Mutual and Public Support System for the Disposal of Garbage for Elderly People. <i>Journal of the Japan Society of Material Cycles and Waste Management</i> , <b>2015</b> , 26, 117-127	0.1	1
5	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. <i>Fresenius Journal of Analytical Chemistry</i> , <b>2001</b> , 370, 426-8		1

4	Congener-specific partition properties of chlorinated paraffins evaluated with COSMOtherm and gas chromatographic retention indices. <i>Scientific Reports</i> , <b>2021</b> , 11, 4426	4.9	1
3	Direct measurements and modeling of congener group specific vapor pressure for chlorinated paraffins. <i>Chemosphere</i> , <b>2021</b> , 281, 130909	8.4	1
2	Estrogenic action by tris(2,6-dimethylphenyl) phosphate impairs the development of female reproductive functions. <i>Environment International</i> , <b>2020</b> , 138, 105662	12.9	0
1	Current Status and Future Issues Surrounding Management of Waste Containing New/Candidate POPs (PCNs, HCB, HCBDD, and PFAS). <i>Material Cycles and Waste Management Research</i> , <b>2021</b> , 32, 8-16 <sup>o</sup>		