Great Lakes To Phase Out Flame Retardants

Chemical & Engineering News
81, 13
DOI: 10.1021/cen-v081n045.p013a

Citation Report

#	Article	IF	Citations
1	Nature or Petrochemistry?â€"Biologically Degradable Materials. Angewandte Chemie - International Edition, 2004, 43, 1078-1085.	7.2	531
3	Passive Sampling Survey of Polybrominated Diphenyl Ether Flame Retardants in Indoor and Outdoor Air in Ottawa, Canada:Â Implications for Sources and Exposure. Environmental Science & Technology, 2004, 38, 5312-5318.	4.6	288
4	Body Burdens of Polybrominated Diphenyl Ethers among Urban Anglers. Environmental Health Perspectives, 2005, 113, 1689-1692.	2.8	52
5	Polybrominated Diphenyl Ethers in Indoor Dust in Ottawa, Canada:Â Implications for Sources and Exposure. Environmental Science & Technology, 2005, 39, 7027-7035.	4.6	345
6	Catalytic and electrocatalytic hydrogenolysis of brominated diphenyl ethers. Chemosphere, 2005, 58, 961-967.	4.2	35
7	Deoxybenzoin-Based Polyarylates as Halogen-Free Fire-Resistant Polymers. Macromolecules, 2006, 39, 3553-3558.	2.2	96
8	In Vivo and In Vitro Debromination of Decabromodiphenyl Ether (BDE 209) by Juvenile Rainbow Trout and Common Carp. Environmental Science & Technology, 2006, 40, 4653-4658.	4.6	325
9	Instrumental methods and challenges in quantifying polybrominated diphenyl ethers in environmental extracts: a review. Analytical and Bioanalytical Chemistry, 2006, 386, 807-817.	1.9	141
10	Determination of HBCD, PBDEs and MeO-BDEs in California sea lions (Zalophus californianus) stranded between 1993 and 2003. Marine Pollution Bulletin, 2006, 52, 522-531.	2.3	141
11	Polybrominated diphenyl ether in sewage sludge in Germany. Chemosphere, 2007, 67, 1831-1837.	4.2	97
12	Dietary Exposure of Juvenile Rainbow Trout (Oncorhynchus mykiss) to 1,2-bis(2,4,6-tribromo-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 Science & Technology, 2007, 41, 4913-4918.	4.6	55
13	Determination of polybrominated diphenyl ethers in environmental standard reference materials. Analytical and Bioanalytical Chemistry, 2007, 387, 2365-2379.	1.9	56
14	Photodegradation of decabromodiphenyl ether in house dust by natural sunlight. Environmental Toxicology and Chemistry, 2008, 27, 306-312.	2.2	188
15	An overview of policies for managing polybrominated diphenyl ethers (PBDEs) in the Great Lakes basin. Environment International, 2008, 34, 1148-1156.	4.8	60
16	Pollution characterization and diurnal variation of PBDEs in the atmosphere of an E-waste dismantling region. Environmental Pollution, 2009, 157, 1051-1057.	3.7	168
17	Photodegradation Pathways of Nonabrominated Diphenyl Ethers, 2-Ethylhexyltetrabromobenzoate and Di(2-ethylhexyl)tetrabromophthalate: Identifying Potential Markers of Photodegradation. Environmental Science & Technology, 2009, 43, 5739-5746.	4.6	102
18	Contaminant pattern and bioaccumulation of legacy and emerging organhalogen pollutants in the aquatic biota from an eâ€waste recycling region in South China. Environmental Toxicology and Chemistry, 2010, 29, 852-859.	2.2	75
19	Application of mass spectrometry in the analysis of polybrominated diphenyl ethers. Mass Spectrometry Reviews, 2010, 29, 737-775.	2.8	30

#	Article	IF	Citations
20	New perspective on the determination of flame retardants in sewage sludge by using ultrahigh pressure liquid chromatographyâ€“tandem mass spectrometry with different ion sources. Journal of Chromatography A, 2010, 1217, 4601-4611.	1.8	60
21	Polybrominated Diphenyl Ethers Orally Administration to Mice Were Tansferred to Offspring during Gestation and Lactation with Disruptions on the Immune System. Immune Network, 2010, 10, 64.	1.6	9
22	Identification of Flame Retardants in Polyurethane Foam Collected from Baby Products. Environmental Science & Technology, 2011, 45, 5323-5331.	4.6	415
23	Phase partitioning, concentration variation and risk assessment of polybrominated diphenyl ethers (PBDEs) in the atmosphere of an e-waste recycling site. Chemosphere, 2011, 82, 1246-1252.	4.2	63
24	Effects of Chronic Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants on the Reproductive and Thyroid System in Adult Male Rats. Toxicological Sciences, 2012, 127, 496-507.	1.4	60
25	Serum PBDEs in a North Carolina Toddler Cohort: Associations with Handwipes, House Dust, and Socioeconomic Variables. Environmental Health Perspectives, 2012, 120, 1049-1054.	2.8	242
26	Early Zebrafish Embryogenesis Is Susceptible to Developmental TDCPP Exposure. Environmental Health Perspectives, 2012, 120, 1585-1591.	2.8	151
27	In Vitro Metabolism of the Brominated Flame Retardants 2-Ethylhexyl-2,3,4,5-Tetrabromobenzoate (TBB) and Bis(2-ethylhexyl) 2,3,4,5-Tetrabromophthalate (TBPH) in Human and Rat Tissues. Chemical Research in Toxicology, 2012, 25, 1435-1441.	1.7	75
28	Measurement of flame retardants and triclosan in municipal sewage sludge and biosolids. Environment International, 2012, 40, 1-7.	4.8	93
29	Novel and High Volume Use Flame Retardants in US Couches Reflective of the 2005 PentaBDE Phase Out. Environmental Science & Technology, 2012, 46, 13432-13439.	4.6	370
30	Experimental exposure of eggs to polybrominated diphenyl ethers BDEâ€47 and BDEâ€99 in redâ€eared sliders (Trachemys scripta elegans) and snapping turtles (Chelydra serpentina) and possible speciesâ€specific differences in debromination. Environmental Toxicology and Chemistry, 2013, 32, 393-400.	2.2	5
31	Predictors of serum concentrations of polybrominated flame retardants among healthy pregnant women in an urban environment: a cross-sectional study. Environmental Health, 2013, 12, 23.	1.7	37
32	Theoretical Study on the Photodegradation Mechanism of Nonaâ€BDEs in Methanol. ChemPhysChem, 2013, 14, 1264-1271.	1.0	13
33	Aryl Phosphate Esters Within a Major PentaBDE Replacement Product Induce Cardiotoxicity in Developing Zebrafish Embryos: Potential Role of the Aryl Hydrocarbon Receptor. Toxicological Sciences, 2013, 133, 144-156.	1.4	123
34	Exposure to an environmentally relevant mixture of brominated flame retardants affects fetal development in Sprague-Dawley rats. Toxicology, 2014, 320, 56-66.	2.0	32
35	Flame Retardant Applications in Camping Tents and Potential Exposure. Environmental Science and Technology Letters, 2014, 1, 152-155.	3.9	31
36	Mono-substituted isopropylated triaryl phosphate, a major component of Firemaster 550, is an AHR agonist that exhibits AHR-independent cardiotoxicity in zebrafish. Aquatic Toxicology, 2014, 154, 71-79.	1.9	35
37	Detection of halogenated flame retardants in polyurethane foam by particle induced X-ray emission. Nuclear Instruments & Methods in Physics Research B, 2015, 358, 21-25.	0.6	6

#	Article	IF	Citations
38	Identification of Phthalate and Alternative Plasticizers, Flame Retardants, and Unreacted Isocyanates in Infant Crib Mattress Covers and Foam. Environmental Science and Technology Letters, 2015, 2, 89-94.	3.9	42
39	Associations of birth outcomes with maternal polybrominated diphenyl ethers and thyroid hormones during pregnancy. Environment International, 2015, 85, 244-253.	4.8	26
40	Results from Screening Polyurethane Foam Based Consumer Products for Flame Retardant Chemicals: Assessing Impacts on the Change in the Furniture Flammability Standards. Environmental Science & Technology, 2016, 50, 10653-10660.	4.6	113
41	Determination of PBDEs in e-waste polymers from two solid waste landfills in Mexico. Environmental Earth Sciences, 2016, 75, 1.	1.3	8
42	Analytical method development for determining polycyclic aromatic hydrocarbons and organophosphate esters in indoor dust based on solid phase extraction and gas chromatography/mass spectrometry. Analytical Methods, 2016, 8, 1690-1698.	1.3	3
43	Organophosphate Esters in Sediment of the Great Lakes. Environmental Science & Technology, 2017, 51, 1441-1449.	4.6	161
44	Review of contamination of sewage sludge and amended soils by polybrominated diphenyl ethers based on meta-analysis. Environmental Pollution, 2017, 220, 753-765.	3.7	32
45	Comparative Toxicogenomic Responses to the Flame Retardant mITP in Developing Zebrafish. Chemical Research in Toxicology, 2017, 30, 508-515.	1.7	10
46	Organophosphate esters in sediment cores from coastal Laizhou Bay of the Bohai Sea, China. Science of the Total Environment, 2017, 607-608, 103-108.	3.9	61
47	Quantification of three chlorinated dialkyl phosphates, diphenyl phosphate, 2,3,4,5-tetrabromobenzoic acid, and four other organophosphates in human urine by solid phase extraction-high performance liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2017, 409, 1323-1332.	1.9	84
48	Concentrations of legacy and novel brominated flame retardants in indoor dust in Melbourne, Australia: An assessment of human exposure. Environment International, 2018, 113, 191-201.	4.8	68
49	Exposure to organophosphate flame retardant chemicals in the U.S. general population: Data from the 2013â€“2014 National Health and Nutrition Examination Survey. Environment International, 2018, 110, 32-41.	4.8	165
50	Determination of selected endocrine disruptors in organic, free-range, and battery-produced hen eggs and risk assessment. Environmental Science and Pollution Research, 2018, 25, 35376-35386.	2.7	21
51	Quantification of 16 urinary biomarkers of exposure to flame retardants, plasticizers, and organophosphate insecticides for biomonitoring studies. Chemosphere, 2019, 235, 481-491.	4.2	45
52	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. Science of the Total Environment, 2019, 649, 99-110.	3.9	150
53	Effects of a Phosphorus Flame Retardant System on the Mechanical and Fire Behavior of Microcellular ABS. Polymers, 2019, 11, 30.	2.0	11
54	Presence and human exposure assessment of organophosphate flame retardants (OPEs) in indoor dust and air in Beijing, China. Ecotoxicology and Environmental Safety, 2019, 169, 383-391.	2.9	69
55	Brominated flame retardants (BFRs) in Western Australian biosolids and implications for land application. Chemosphere, 2020, 260, 127601.	4.2	12

#	Article	IF	Citations
56	Synergy between piperazine pyrophosphate and aluminum diethylphosphinate in flame retarded acrylonitrile-butadiene-styrene copolymer. Polymer Degradation and Stability, 2021, 190, 109639.	2.7	20
57	Presence of organophosphate flame retardants (OPEs) in different functional areas in residential homes in Beijing, China. Journal of Environmental Sciences, 2022, 115, 277-285.	3.2	7
58	Effects of 2-ethylhexyl diphenyl phosphate exposure on the glucolipid metabolism and cardiac developmental toxicity in larval zebrafish based on transcriptomic analysis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2023, 267, 109578.	1.3	5