

Novel brominated flame retardants: A review of their an behaviour

Environment International

37, 532-556

DOI: [10.1016/j.envint.2010.11.007](https://doi.org/10.1016/j.envint.2010.11.007)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Atmospheric Deposition of Halogenated Flame Retardants at Urban, E-Waste, and Rural Locations in Southern China. <i>Environmental Science & Technology</i> , 2011, 45, 4696-4701.	4.6	52
3	Identification of a Fungi-Derived Terrestrial Halogenated Natural Product in Wild Boar (<i>Sus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 18	2.4	18
4	Identification of Tetrabromobisphenol A Diallyl Ether as an Emerging Neurotoxicant in Environmental Samples by Bioassay-Directed Fractionation and HPLC-APCI-MS/MS. <i>Environmental Science & Technology</i> , 2011, 45, 5009-5016.	4.6	69
5	Novel Methoxylated Polybrominated Diphenoxybenzene Congeners and Possible Sources in Herring Gull Eggs from the Laurentian Great Lakes of North America. <i>Environmental Science & Technology</i> , 2011, 45, 9523-9530.	4.6	40
6	Brominated Flame Retardants in the Atmosphere of E-Waste and Rural Sites in Southern China: Seasonal Variation, Temperature Dependence, and Gas-Particle Partitioning. <i>Environmental Science & Technology</i> , 2011, 45, 8819-8825.	4.6	133
7	Response to Comment on "Comparative Tissue Distribution, Biotransformation and Associated Biological Effects by Decabromodiphenyl Ethane and Decabrominated Diphenyl Ether in Male Rats after a 90-Day Oral Exposure Study" <i>Environmental Science & Technology</i> , 2011, 45, 5062-5063.	4.6	0
8	Polybrominated Diphenyl Ethers vs Alternate Brominated Flame Retardants and Dechloranes from East Asia to the Arctic. <i>Environmental Science & Technology</i> , 2011, 45, 6793-6799.	4.6	128
9	Discontinued and Alternative Brominated Flame Retardants in the Atmosphere and Precipitation from the Great Lakes Basin. <i>Environmental Science & Technology</i> , 2011, 45, 8698-8706.	4.6	86
10	Human Exposure and Health Risks to Emerging Organic Contaminants. <i>Handbook of Environmental Chemistry</i> , 2011, , 243-305.	0.2	5
11	Recent Advances in Environmental Analysis. <i>Analytical Chemistry</i> , 2011, 83, 4579-4613.	3.2	97
12	Frequency of use controls chemical leaching from drinking-water containers subject to disinfection. <i>Water Research</i> , 2011, 45, 6677-6687.	5.3	27
14	Classic and novel brominated flame retardants (BFRs) in common sole (<i>Solea solea</i> L.) from main nursery zones along the French coasts. <i>Science of the Total Environment</i> , 2011, 409, 4618-4627.	3.9	39
15	New Directions: What do we need to know about brominated flame retardants in indoor dust?. <i>Atmospheric Environment</i> , 2011, 45, 5652-5653.	1.9	6
16	"Novel" brominated flame retardants in Belgian and UK indoor dust: Implications for human exposure. <i>Chemosphere</i> , 2011, 83, 1360-1365.	4.2	189
17	Comprehensive two-dimensional gas chromatography" time-of-flight mass spectrometry for the identification of organobrominated compounds in bluefin tuna. <i>Journal of Chromatography A</i> , 2011, 1218, 6995-7002.	1.8	22
18	Analytical characteristics and determination of major novel brominated flame retardants (NBFRs) in indoor dust. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3073-3083.	1.9	74
19	Scientific Opinion on Brominated Flame Retardants (BFRs) in Food: Brominated Phenols and their Derivatives. <i>EFSA Journal</i> , 2012, 10, 2634.	0.9	38
20	Scientific Opinion on Emerging and Novel Brominated Flame Retardants (BFRs) in Food. <i>EFSA Journal</i> , 2012, 10, 2908.	0.9	69

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21	Combined 3D-QSAR, molecular docking and molecular dynamics study on thyroid hormone activity of hydroxylated polybrominated diphenyl ethers to thyroid receptors β . <i>Toxicology and Applied Pharmacology</i> , 2012, 265, 300-307.	1.3	46
22	Geographical distribution of non-PBDE-brominated flame retardants in mussels from Asian coastal waters. <i>Environmental Science and Pollution Research</i> , 2012, 19, 3107-3117.	2.7	27
23	Photolytic degradation of decabromodiphenyl ethane (DBDPE). <i>Chemosphere</i> , 2012, 89, 844-849.	4.2	45
24	Occurrence of brominated flame retardants in household and car dust from the Czech Republic. <i>Science of the Total Environment</i> , 2012, 441, 182-193.	3.9	91
25	In vitro assessment of the bioaccessibility of brominated flame retardants in indoor dust using a colon extended model of the human gastrointestinal tract. <i>Journal of Environmental Monitoring</i> , 2012, 14, 3276.	2.1	48
26	Flame retardants in eggs of American kestrels and European starlings from southern Lake Ontario region (North America). <i>Journal of Environmental Monitoring</i> , 2012, 14, 2870.	2.1	22
27	Novel Flame Retardants in Urban-Feeding Ring-Billed Gulls from the St. Lawrence River, Canada. <i>Environmental Science & Technology</i> , 2012, 46, 9735-9744.	4.6	93
28	Plant Uptake of Atmospheric Brominated Flame Retardants at an E-Waste Site in Southern China. <i>Environmental Science & Technology</i> , 2012, 46, 2708-2714.	4.6	63
29	Bromobenzene Flame Retardants in the Great Lakes Atmosphere. <i>Environmental Science & Technology</i> , 2012, 46, 8653-8660.	4.6	70
30	After the PBDE Phase-Out: A Broad Suite of Flame Retardants in Repeat House Dust Samples from California. <i>Environmental Science & Technology</i> , 2012, 46, 13056-13066.	4.6	482
31	The Flame Retardant β -1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane: Fate, Fertility, and Reproductive Success in American Kestrels (<i>Falco sparverius</i>). <i>Environmental Science & Technology</i> , 2012, 46, 8440-8447.	4.6	35
32	Alpha and Beta Isomers of Tetrabromoethylcyclohexane (TBECH) Flame Retardant: Depletion and Metabolite Formation In Vitro Using a Model Rat Microsomal Assay. <i>Environmental Science & Technology</i> , 2012, 46, 10263-10270.	4.6	23
33	Fate of Brominated Flame Retardants and Organochlorine Pesticides in Urban Soil: Volatility and Degradation. <i>Environmental Science & Technology</i> , 2012, 46, 2668-2674.	4.6	58
34	RoHS regulated Substances in Mixed Plastics from Waste Electrical and Electronic Equipment. <i>Environmental Science & Technology</i> , 2012, 46, 628-635.	4.6	125
35	Emerging Brominated Flame Retardants in the Sediment of the Great Lakes. <i>Environmental Science & Technology</i> , 2012, 46, 3119-3126.	4.6	112
36	Tribromophenoxy Flame Retardants in the Great Lakes Atmosphere. <i>Environmental Science & Technology</i> , 2012, 46, 13112-13117.	4.6	43
37	Brominated Flame Retardants and Dechlorane Plus in the Marine Atmosphere from Southeast Asia toward Antarctica. <i>Environmental Science & Technology</i> , 2012, 46, 3141-3148.	4.6	84
38	American Dippers Indicate Contaminant Biotransport by Pacific Salmon. <i>Environmental Science & Technology</i> , 2012, 46, 1153-1162.	4.6	13

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39	Newly Discovered Methoxylated Polybrominated Diphenoxybenzenes Have Been Contaminants in the Great Lakes Herring Gull Eggs for Thirty Years. <i>Environmental Science & Technology</i> , 2012, 46, 9456-9463.	4.6	14
40	Screening for PBT Chemicals among the "Existing" and "New" Chemicals of the EU. <i>Environmental Science & Technology</i> , 2012, 46, 5680-5687.	4.6	125
41	The flame retardancy and thermal stability properties of poly (ethylene terephthalate)/hexakis (4-nitrophenoxy) cyclotriphosphazene systems. <i>Polymer Degradation and Stability</i> , 2012, 97, 1504-1510.	2.7	52
42	PBDEs in environmental samples: Sampling and analysis. <i>Talanta</i> , 2012, 93, 1-17.	2.9	105
43	Modulation of human $\alpha 4\beta 2$ nicotinic acetylcholine receptors by brominated and halogen-free flame retardants as a measure for in vitro neurotoxicity. <i>Toxicology Letters</i> , 2012, 213, 266-274.	0.4	12
44	Polybrominated diphenyl ethers in food and human dietary exposure: A review of the recent scientific literature. <i>Food and Chemical Toxicology</i> , 2012, 50, 238-249.	1.8	160
45	Behavioral effects of oral subacute exposure to BDE-209 in young adult mice: A preliminary study. <i>Food and Chemical Toxicology</i> , 2012, 50, 707-712.	1.8	16
46	Determination of polybrominated diphenyl ethers in house dust using standard addition method and gas chromatography with electron capture and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2012, 1249, 201-214.	1.8	25
47	Co-leaching of brominated compounds and antimony from bottled water. <i>Environment International</i> , 2012, 38, 45-53.	4.8	47
48	Halogenated flame retardants in home-produced eggs from an electronic waste recycling region in South China: Levels, composition profiles, and human dietary exposure assessment. <i>Environment International</i> , 2012, 45, 122-128.	4.8	87
49	Hydroxylated and methoxylated polybrominated diphenyl ethers in blood plasma of humans in Hong Kong. <i>Environment International</i> , 2012, 47, 66-72.	4.8	69
50	Brominated and chlorinated flame retardants in San Francisco Bay sediments and wildlife. <i>Environment International</i> , 2012, 47, 56-65.	4.8	129
52	Emerging and Persistent Environmental Compound Analysis. , 2012, , 647-677.		1
53	Rodent Thyroid, Liver, and Fetal Testis Toxicity of the Monoester Metabolite of Bis-(2-ethylhexyl) Tetrabromophthalate (TBPH), a Novel Brominated Flame Retardant Present in Indoor Dust. <i>Environmental Health Perspectives</i> , 2012, 120, 1711-1719.	2.8	66
54	Country specific comparison for profile of chlorinated, brominated and phosphate organic contaminants in indoor dust. Case study for Eastern Romania, 2010. <i>Environment International</i> , 2012, 49, 1-8.	4.8	131
55	A novel abbreviation standard for organobromine, organochlorine and organophosphorus flame retardants and some characteristics of the chemicals. <i>Environment International</i> , 2012, 49, 57-82.	4.8	369
56	Preparation of halogen-free flame retardant hybrid paraffin composites as thermal energy storage materials by in-situ sol-gel process. <i>Solar Energy Materials and Solar Cells</i> , 2012, 107, 13-19.	3.0	22
57	Preparation and Characterization of Flame-Retardant Aluminum Hypophosphite/Poly(Vinyl Alcohol) Composite. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 14065-14075.	1.8	50

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58	Characterization of Environmental Exposure: Measuring Versus Modeling. Handbook of Environmental Chemistry, 2012, , 25-46.	0.2	0
59	Identification and determination of the dechlorination products of Dechlorane 602 in Great Lakes fish and Arctic beluga whales by gas chromatography–high resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 404, 2737-2748.	1.9	35
61	In Situ Accumulation of HBCD, PBDEs, and Several Alternative Flame-Retardants in the Bivalve (<i>Corbicula fluminea</i>) and Gastropod (<i>Elimia proxima</i>). Environmental Science & Technology, 2012, 46, 5798-5805.	4.6	87
62	PCDD/Fs, PBDD/Fs, and PBDEs in the air of an e-waste recycling area (Taizhou) in China: current levels, composition profiles, and potential cancer risks. Journal of Environmental Monitoring, 2012, 14, 3156.	2.1	48
63	Organohalogen contaminants of emerging concern in Great Lakes fish: a review. Analytical and Bioanalytical Chemistry, 2012, 404, 2639-2658.	1.9	35
64	Prioritization of chemicals in the aquatic environment based on risk assessment: Analytical, modeling and regulatory perspective. Science of the Total Environment, 2012, 440, 236-252.	3.9	99
65	Bioaccumulation of polybrominated diphenyl ethers, decabromodiphenyl ethane, and 1,2-bis(2,4,6-tribromophenoxy) ethane flame retardants in kingfishers (<i>Alcedo atthis</i>) from an electronic waste–recycling site in South China. Environmental Toxicology and Chemistry, 2012, 31, 2153-2158.	2.2	39
66	New developments in the trace analysis of organic water pollutants. Applied Microbiology and Biotechnology, 2012, 94, 11-28.	1.7	50
67	Assessment of human exposure to indoor organic contaminants via dust ingestion in Pakistan. Indoor Air, 2012, 22, 200-211.	2.0	109
68	Polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), dioxin-like polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in waterbird eggs of Hong Kong, China. Chemosphere, 2012, 86, 242-247.	4.2	16
69	Comparisons of polybrominated diphenyl ethers levels in paired South Korean cord blood, maternal blood, and breast milk samples. Chemosphere, 2012, 87, 97-104.	4.2	56
70	Aerobic degradation of tetrabromobisphenol-A by microbes in river sediment. Chemosphere, 2012, 87, 535-541.	4.2	59
71	Occurrence of alternative flame retardants in indoor dust from New Zealand: Indoor sources and human exposure assessment. Chemosphere, 2012, 88, 1276-1282.	4.2	293
72	A review of the analysis of novel brominated flame retardants. Journal of Chromatography A, 2012, 1219, 15-28.	1.8	119
73	Gas chromatography/mass spectrometry comprehensive analysis of organophosphorus, brominated flame retardants, by-products and formulation intermediates in water. Journal of Chromatography A, 2012, 1241, 1-12.	1.8	65
74	Long term trends in PBDE concentrations in gannet (<i>Morus bassanus</i>) eggs from two UK colonies. Environmental Pollution, 2012, 161, 93-100.	3.7	43
75	Legacy and current-use flame retardants in house dust from Vancouver, Canada. Environmental Pollution, 2012, 169, 175-182.	3.7	110
76	Flame retardants in eggs of four gull species (<i>Laridae</i>) from breeding sites spanning Atlantic to Pacific Canada. Environmental Pollution, 2012, 168, 1-9.	3.7	91

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77	Polybrominated diphenyl ethers (PBDEs) in the indoor and outdoor environments – A review on occurrence and human exposure. <i>Environmental Pollution</i> , 2012, 169, 217-229.	3.7	281
78	Occurrence and air-seawater exchange of brominated flame retardants and Dechlorane Plus in the North Sea. <i>Atmospheric Environment</i> , 2012, 46, 346-353.	1.9	50
79	Biodegradation kinetics and mechanism of 2,4,6-tribromophenol by <i>Bacillus</i> sp. GZT: A phenomenon of xenobiotic methylation during debromination. <i>Bioresource Technology</i> , 2012, 110, 153-159.	4.8	34
80	A review of polybrominated diphenyl ethers and alternative brominated flame retardants in wildlife from China: Levels, trends, and bioaccumulation characteristics. <i>Journal of Environmental Sciences</i> , 2012, 24, 183-194.	3.2	71
81	Hexabromocyclododecane (HBCD) and tetrabromobisphenol A (TBBPA) in riverine and estuarine sediments of the Pearl River Delta in southern China, with emphasis on spatial variability in diastereoisomer- and enantiomer-specific distribution of HBCD. <i>Marine Pollution Bulletin</i> , 2012, 64, 919-925.	2.3	135
82	Bioaccumulation of polybrominated diphenyl ethers and decabromodiphenyl ethane in fish from a river system in a highly industrialized area, South China. <i>Science of the Total Environment</i> , 2012, 419, 109-115.	3.9	118
83	Analysis of emerging organic contaminants in environmental solid samples. <i>Open Chemistry</i> , 2012, 10, 480-520.	1.0	32
84	Flame retardancy and thermal stability of polyhedral oligomeric silsesquioxane nanocomposites. <i>Fire and Materials</i> , 2013, 37, 1-16.	0.9	38
85	Environmental Mass Spectrometry in the North American Great Lakes Fish Monitoring and Surveillance Program. <i>Australian Journal of Chemistry</i> , 2013, 66, 798.	0.5	9
86	Widespread occurrence of polyhalogenated compounds in fat from kitchen hoods. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7485-7496.	1.9	41
87	Matrix solid-phase dispersion combined with gas chromatography–mass spectrometry for the determination of fifteen halogenated flame retardants in mollusks. <i>Journal of Chromatography A</i> , 2013, 1300, 85-94.	1.8	36
88	Occurrence and behavior of natural and anthropogenic (emerging and historical) halogenated compounds in marine biota from the Coast of Concepcion (Chile). <i>Science of the Total Environment</i> , 2013, 461-462, 258-264.	3.9	32
89	Brominated flame retardants in textile wastewater: reducing Deca-BDE using best available techniques. <i>Journal of Cleaner Production</i> , 2013, 53, 167-175.	4.6	37
90	Evaluating legacy contaminants and emerging chemicals in marine environments using adverse outcome pathways and biological effects-directed analysis. <i>Marine Pollution Bulletin</i> , 2013, 74, 517-525.	2.3	66
91	Priority and emerging flame retardants in rivers: Occurrence in water and sediment, <i>Daphnia magna</i> toxicity and risk assessment. <i>Environment International</i> , 2013, 59, 232-243.	4.8	262
92	Determination of Polyparameter Linear Free Energy Relationship (pp-LFER) Substance Descriptors for Established and Alternative Flame Retardants. <i>Environmental Science & Technology</i> , 2013, 47, 130125075250002.	4.6	13
93	Morphology, spatial distribution, and concentration of flame retardants in consumer products and environmental dusts using scanning electron microscopy and Raman micro-spectroscopy. <i>Environment International</i> , 2013, 59, 16-26.	4.8	29
94	Investigating a Novel Flame Retardant Known as V6: Measurements in Baby Products, House Dust, and Car Dust. <i>Environmental Science & Technology</i> , 2013, 47, 4449-4454.	4.6	83

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95	Simultaneous determination of brominated phenols in soils. <i>Journal of Environmental Sciences</i> , 2013, 25, 2306-2312.	3.2	20
96	Determination of PBDEs, HBB, PBEB, DBDPE, HBCD, TBBPA and related compounds in sewage sludge from Catalonia (Spain). <i>Science of the Total Environment</i> , 2013, 444, 51-59.	3.9	149
97	Distribution of persistent organic pollutants in two different fat compartments from obese individuals. <i>Environment International</i> , 2013, 55, 33-42.	4.8	74
98	Emerging and historical halogenated flame retardants in fish samples from Iberian rivers. <i>Journal of Hazardous Materials</i> , 2013, 263, 116-121.	6.5	37
99	Development and validation of a multiresidue method for the analysis of polybrominated diphenyl ethers, new brominated and organophosphorus flame retardants in sediment, sludge and dust. <i>Journal of Chromatography A</i> , 2013, 1305, 267-275.	1.8	108
100	Multi-class, multi-residue analysis of pesticides, polychlorinated biphenyls, polycyclic aromatic hydrocarbons, polybrominated diphenyl ethers and novel flame retardants in fish using fast, low-pressure gas chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 758, 80-92.	2.6	191
102	Advances in the sample preparation of brominated flame retardants and other brominated compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 189-203.	5.8	36
103	ENVIRONMENTAL FATE OF THREE NOVEL BROMINATED FLAME RETARDANTS IN AQUATIC MESOCOSMS. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1060-1068.	2.2	31
104	The brominated flame retardant TBEC activates the zebrafish (<i>Danio rerio</i>) androgen receptor, alters gene transcription and causes developmental disturbances. <i>Aquatic Toxicology</i> , 2013, 142-143, 63-72.	1.9	50
105	Thermochemical Factors Affecting the Dehalogenation of Aromatics. <i>Environmental Science & Technology</i> , 2013, 47, 14194-14203.	4.6	28
106	Poly(dopamine) coated gold nanocluster functionalized electrochemical immunosensor for brominated flame retardants using multienzyme-labeling carbon hollow nanochains as signal amplifiers. <i>Biosensors and Bioelectronics</i> , 2013, 45, 82-88.	5.3	27
107	Accumulation of brominated flame retardants and polychlorinated biphenyls in human breast milk and scalp hair from the Philippines: Levels, distribution and profiles. <i>Science of the Total Environment</i> , 2013, 442, 366-379.	3.9	72
108	Mass spectrometric characterization of halogenated flame retardants. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1437-1449.	0.7	3
109	Effects of HO-/MeO-PBDEs on Androgen Receptor: In Vitro Investigation and Helix 12-Involved MD Simulation. <i>Environmental Science & Technology</i> , 2013, 47, 11802-11809.	4.6	34
110	Has the Phase-Out of PBDEs Affected Their Atmospheric Levels? Trends of PBDEs and Their Replacements in the Great Lakes Atmosphere. <i>Environmental Science & Technology</i> , 2013, 47, 11457-11464.	4.6	103
111	Wet deposition of brominated flame retardants to the Great Lakes basin - Status and trends. <i>Environmental Pollution</i> , 2013, 182, 299-306.	3.7	13
112	Application of a unique miniature MBR for screening the biodegradation of brominated flame retardants. <i>Desalination and Water Treatment</i> , 2013, 51, 5909-5917.	1.0	4
113	Isotopic dilution determination of emerging flame retardants in marine sediments by HPLC-APCI-MS/MS. <i>Analytical Methods</i> , 2013, 5, 1771.	1.3	19

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114	Correlated Raman micro-spectroscopy and scanning electron microscopy analyses of flame retardants in environmental samples: a micro-analytical tool for probing chemical composition, origin and spatial distribution. <i>Analyst</i> , The, 2013, 138, 3836.	1.7	16
115	Alternative flame retardants, Dechlorane Plus and BDEs in the blubber of harbour porpoises (<i>Phocoena phocoena</i>) stranded or bycaught in the UK during 2008. <i>Environment International</i> , 2013, 60, 81-88.	4.8	27
116	Conventional and emerging halogenated flame retardants (HFRs) in sediment of Yangtze River Delta (YRD) region, East China. <i>Chemosphere</i> , 2013, 93, 555-560.	4.2	67
117	Bioaccumulation of polybrominated diphenyl ethers and several alternative halogenated flame retardants in a small herbivorous food chain. <i>Environmental Pollution</i> , 2013, 174, 164-170.	3.7	57
118	In vitro endocrine disruption and TCDD-like effects of three novel brominated flame retardants: TBPH, TBB, & TBCO. <i>Toxicology Letters</i> , 2013, 223, 252-259.	0.4	71
119	Occurrence and risk assessment of organophosphorus and brominated flame retardants in the River Aire (UK). <i>Environmental Pollution</i> , 2013, 179, 194-200.	3.7	219
120	Current levels and composition profiles of PBDEs and alternative flame retardants in surface sediments from the Pearl River Delta, southern China: Comparison with historical data. <i>Science of the Total Environment</i> , 2013, 444, 205-211.	3.9	123
121	High throughput sample preparation in combination with gas chromatography coupled to triple quadrupole tandem mass spectrometry (GC-MS/MS): A smart procedure for (ultra)trace analysis of brominated flame retardants in fish. <i>Talanta</i> , 2013, 105, 109-116.	2.9	50
122	Is the bone tissue of ring-billed gulls breeding in a pollution hotspot in the St. Lawrence River, Canada, impacted by halogenated flame retardant exposure?. <i>Chemosphere</i> , 2013, 93, 2333-2340.	4.2	12
123	Serum concentrations of polybrominated diphenyl ethers (PBDEs) and a polybrominated biphenyl (PBB) in men from Greenland, Poland and Ukraine. <i>Environment International</i> , 2013, 61, 8-16.	4.8	34
124	Determination of emerging halogenated flame retardants and polybrominated diphenyl ethers in serum by gas chromatography mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1310, 126-132.	1.8	43
125	Levels and profiles of organochlorines and flame retardants in car and house dust from Kuwait and Pakistan: Implication for human exposure via dust ingestion. <i>Environment International</i> , 2013, 55, 62-70.	4.8	222
126	Organohalogenated contaminants (OHCs) in the serum and hair of pet cats and dogs: Biosentinels of indoor pollution. <i>Science of the Total Environment</i> , 2013, 449, 29-36.	3.9	84
127	Application of polydimethylsiloxane rod extraction to the determination of sixteen halogenated flame retardants in water samples. <i>Analytica Chimica Acta</i> , 2013, 770, 85-93.	2.6	12
128	Environmental occurrence of emerging and legacy brominated flame retardants near suspected sources in Norway. <i>Science of the Total Environment</i> , 2013, 443, 307-314.	3.9	67
129	Identification of Tetrabromobisphenol A Allyl Ether and Tetrabromobisphenol A 2,3-Dibromopropyl Ether in the Ambient Environment near a Manufacturing Site and in Mollusks at a Coastal Region. <i>Environmental Science & Technology</i> , 2013, 47, 4760-4767.	4.6	69
130	Using the kingfisher (<i>Alcedo atthis</i>) as a bioindicator of PCBs and PBDEs in the dinghushan biosphere reserve, China. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1655-1662.	2.2	14
131	Analytical chemistry of the persistent organic pollutants identified in the Stockholm Convention: A review. <i>Analytica Chimica Acta</i> , 2013, 790, 1-13.	2.6	183

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132	Mechanisms influencing the BFR distribution patterns in office dust and implications for estimating human exposure. <i>Journal of Hazardous Materials</i> , 2013, 252-253, 11-18.	6.5	51
133	Cross-column prediction of gas-chromatographic retention of polybrominated diphenyl ethers. <i>Journal of Chromatography A</i> , 2013, 1298, 118-131.	1.8	23
134	Effects of TDCPP or TPP on gene transcriptions and hormones of HPG axis, and their consequences on reproduction in adult zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2013, 134-135, 104-111.	1.9	124
135	Tetradecabromodiphenoxybenzene Flame Retardant Undergoes Photolytic Debromination. <i>Environmental Science & Technology</i> , 2013, 47, 1373-1380.	4.6	20
136	Brominated and Chlorinated Flame Retardants in Tree Bark from Around the Globe. <i>Environmental Science & Technology</i> , 2013, 47, 349-354.	4.6	89
137	European Starlings (<i>Sturnus vulgaris</i>) Suggest That Landfills Are an Important Source of Bioaccumulative Flame Retardants to Canadian Terrestrial Ecosystems. <i>Environmental Science & Technology</i> , 2013, 47, 12238-12247.	4.6	54
138	Gridded Field Observations of Polybrominated Diphenyl Ethers and Decabromodiphenyl Ethane in the Atmosphere of North China. <i>Environmental Science & Technology</i> , 2013, 47, 130718124130004.	4.6	14
139	UV-Induced Formation of Bromophenols from Polybrominated Diphenyl Ethers. <i>Environmental Science & Technology</i> , 2013, 47, 3665-3670.	4.6	39
140	Brominated flame retardants in foods. , 2013, , 261-278.		1
141	Analytical Methodologies for the Determination of Endocrine Disrupting Compounds in Biological and Environmental Samples. <i>BioMed Research International</i> , 2013, 2013, 1-23.	0.9	71
142	Air-plant exchange of brominated flame retardants at a rural site: Influencing factor, interspecies difference, and forest scavenging. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1248-1253.	2.2	11
143	Emerging Food Chemical Contaminants from Industry Pollution. <i>European Journal of Risk Regulation</i> , 2013, 4, 76-80.	0.8	1
144	Analysis of Halogenated Flame Retardants by Gas Chromatography Coupled to LRMS, HRMS, MS-MS, and TOF-MS. <i>Comprehensive Analytical Chemistry</i> , 2013, , 373-401.	0.7	1
145	Emerging Persistent Organic Pollutants in Chinese Bohai Sea and Its Coastal Regions. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	0.8	7
146	Depositional characteristics of atmospheric polybrominated diphenyl ethers on tree barks. <i>Environmental Health and Toxicology</i> , 2014, 29, e2014003.	1.8	3
147	Contamination from Industrial Toxicants. , 2014, , 1-27.		0
148	Urinary Tetrabromobenzoic Acid (TBBA) as a Biomarker of Exposure to the Flame Retardant Mixture Firemaster [®] 550. <i>Environmental Health Perspectives</i> , 2014, 122, 963-969.	2.8	73
149	Advances in Instrumental Analysis of Brominated Flame Retardants: Current Status and Future Perspectives. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-21.	0.9	3

#	ARTICLE	IF	CITATIONS
150	Thermal Decomposition of 1,2-Bis(2,4,6-tribromophenoxy)ethane (BTBPE), a Novel Brominated Flame Retardant. <i>Environmental Science & Technology</i> , 2014, 48, 14335-14343.	4.6	51
151	PBDE, HBCD, and novel brominated flame retardant contamination in sediments from Lake Maggiore (Northern Italy). <i>Environmental Monitoring and Assessment</i> , 2014, 186, 7683-7692.	1.3	37
152	Halogenated flame retardants during egg formation and chicken embryo development: Maternal transfer, possible biotransformation, and tissue distribution. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1712-1719.	2.2	40
153	Environmental Drivers for Replacement of Halogenated Flame Retardants. , 2014, , 119-179.		35
154	Passive Sampling Technologies for the Monitoring of Organic and Inorganic Contaminants in Seawater. , 2014, , 217-237.		6
155	Long term temporal and spatial changes in the distribution of polychlorinated biphenyls and polybrominated diphenyl ethers in Scottish soils. <i>Science of the Total Environment</i> , 2014, 468-469, 158-164.	3.9	32
156	Disposition and kinetics of tetrabromobisphenol A in female Wistar Han rats. <i>Toxicology Reports</i> , 2014, 1, 214-223.	1.6	54
157	Hexabromocyclododecane in polystyrene based consumer products: An evidence of unregulated use. <i>Chemosphere</i> , 2014, 110, 111-119.	4.2	116
158	Brominated flame retardants and Dechloranes in European and American eels from glass to silver life stages. <i>Chemosphere</i> , 2014, 116, 104-111.	4.2	21
159	Assessing the persistence, bioaccumulation potential and toxicity of brominated flame retardants: Data availability and quality for 36 alternative brominated flame retardants. <i>Chemosphere</i> , 2014, 116, 118-123.	4.2	108
160	Differences in the seasonal variation of brominated and phosphorus flame retardants in office dust. <i>Environment International</i> , 2014, 65, 100-106.	4.8	97
161	Organohalogen contamination in passerine birds from three metropolises in China: Geographical variation and its implication for anthropogenic effects on urban environments. <i>Environmental Pollution</i> , 2014, 188, 118-123.	3.7	29
162	Determination of polybrominated diphenyl ethers in river water by combination of liquid-liquid extraction and gas chromatography-mass spectrometry. <i>Chinese Chemical Letters</i> , 2014, 25, 1225-1229.	4.8	5
163	Changes of accumulation profiles from PBDEs to brominated and chlorinated alternatives in marine mammals from the South China Sea. <i>Environment International</i> , 2014, 66, 65-70.	4.8	86
164	Species-specific accumulation of halogenated flame retardants in eggs of terrestrial birds from an ecological station in the Pearl River Delta, South China. <i>Chemosphere</i> , 2014, 95, 442-447.	4.2	17
165	Brominated and phosphorus flame retardants in White-tailed Eagle <i>Haliaeetus albicilla</i> nestlings: Bioaccumulation and associations with dietary proxies ($\delta^{13}C$, $\delta^{15}N$ and $\delta^{34}S$). <i>Science of the Total Environment</i> , 2014, 478, 48-57.	3.9	80
166	A comparison of the in vitro cyto- and neurotoxicity of brominated and halogen-free flame retardants: prioritization in search for safe(r) alternatives. <i>Archives of Toxicology</i> , 2014, 88, 857-869.	1.9	50
167	A review of strategies to monitor water and sediment quality for a sustainability assessment of marine environment. <i>Environmental Science and Pollution Research</i> , 2014, 21, 813-833.	2.7	77

#	ARTICLE	IF	CITATIONS
168	Formation of PBDD/F from PBDE in electronic waste in recycling processes and under simulated extruding conditions. <i>Chemosphere</i> , 2014, 116, 34-39.	4.2	28
169	Distribution, potential source and ecotoxicological risk of polychlorinated biphenyls and polybrominated diphenyl ethers in the surface water of the Three Gorges Dam region of the Yangtze River, China. <i>Ecotoxicology</i> , 2014, 23, 978-987.	1.1	29
170	Fathead minnow (<i>Pimephales promelas</i> Rafinesque) exposure to three novel brominated flame retardants in outdoor mesocosms: bioaccumulation and biotransformation. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1148-1155.	2.2	23
171	An overview of time trends in organic contaminant concentrations in marine mammals: Going up or down?. <i>Marine Pollution Bulletin</i> , 2014, 82, 7-10.	2.3	44
172	Bioaccumulation and biomagnification of emerging and classical flame retardants in bird eggs of 14 species from Doñana Natural Space and surrounding areas (South-western Spain). <i>Environment International</i> , 2014, 68, 118-126.	4.8	53
173	Current Environmental Issues and Challenges. , 2014, , .		10
174	HPLC-ED of low-molecular weight brominated phenols and tetrabromobisphenol A using pretreated carbon fiber microelectrode. <i>Talanta</i> , 2014, 122, 115-121.	2.9	8
175	Levels and trends of PBDEs and HBCDs in the global environment: Status at the end of 2012. <i>Environment International</i> , 2014, 65, 147-158.	4.8	346
176	Analytical Methodology of POPs. , 2014, , 59-139.		5
177	Atmospheric Fate and Behavior of POPs. , 2014, , 199-289.		15
178	A review of chamber experiments for determining specific emission rates and investigating migration pathways of flame retardants. <i>Atmospheric Environment</i> , 2014, 82, 44-55.	1.9	74
179	Levels of brominated flame retardants (BFRs) in honey samples from different geographic regions. <i>Science of the Total Environment</i> , 2014, 472, 741-745.	3.9	18
180	Development of carbon nanotubes/CoFe ₂ O ₄ magnetic hybrid material for removal of tetrabromobisphenol A and Pb(II). <i>Journal of Hazardous Materials</i> , 2014, 265, 104-114.	6.5	202
181	Occurrence, distribution and seasonal variations of polychlorinated biphenyls and polybrominated diphenyl ethers in surface waters of the East Lake, China. <i>Chemosphere</i> , 2014, 103, 256-262.	4.2	37
182	Current Levels and Composition Profiles of Emerging Halogenated Flame Retardants and Dehalogenated Products in Sewage Sludge from Municipal Wastewater Treatment Plants in China. <i>Environmental Science & Technology</i> , 2014, 48, 12586-12594.	4.6	72
183	Gas chromatography/tandem mass spectrometry method for the simultaneous analysis of 19 brominated compounds in environmental and biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7667-7676.	1.9	61
184	Particle Size Distribution of Halogenated Flame Retardants and Implications for Atmospheric Deposition and Transport. <i>Environmental Science & Technology</i> , 2014, 48, 14426-14434.	4.6	71
185	Evaluation and guidelines for using polyurethane foam (PUF) passive air samplers in double-dome chambers to assess semi-volatile organic compounds (SVOCs) in non-industrial indoor environments. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 2617-2626.	1.7	44

#	ARTICLE	IF	CITATIONS
186	Flame Retardant Transfers from U.S. Households (Dust and Laundry Wastewater) to the Aquatic Environment. <i>Environmental Science & Technology</i> , 2014, 48, 11575-11583.	4.6	231
187	Gas Chromatography Plasma-Assisted Reaction Chemical Ionization Mass Spectrometry for Quantitative Detection of Bromine in Organic Compounds. <i>Analytical Chemistry</i> , 2014, 86, 7954-7961.	3.2	12
188	Sources of halogenated brominated retardants in house dust in an industrial city in southern China and associated human exposure. <i>Environmental Research</i> , 2014, 135, 190-195.	3.7	24
189	Halogenated Flame Retardants in Baby Food from the United States and from China and the Estimated Dietary Intakes by Infants. <i>Environmental Science & Technology</i> , 2014, 48, 9812-9818.	4.6	18
190	Levels of non-polybrominated diphenyl ether brominated flame retardants in residential house dust samples and fire station dust samples in California. <i>Environmental Research</i> , 2014, 135, 9-14.	3.7	57
191	Organophosphate and Halogenated Flame Retardants in Atmospheric Particles from a European Arctic Site. <i>Environmental Science & Technology</i> , 2014, 48, 6133-6140.	4.6	246
192	Polybrominated Diphenyl Ethers and Alternative Flame Retardants in Air and Precipitation Samples from the Northern Lake Victoria Region, East Africa. <i>Environmental Science & Technology</i> , 2014, 48, 1458-1466.	4.6	46
193	Ecotoxicity and biodegradability of new brominated flame retardants: A review. <i>Ecotoxicology and Environmental Safety</i> , 2014, 110, 153-167.	2.9	112
194	TDS exposure project: Relevance of the Total Diet Study approach for different groups of substances. <i>Food and Chemical Toxicology</i> , 2014, 73, 21-34.	1.8	25
195	Distribution Patterns of Brominated, Chlorinated, and Phosphorus Flame Retardants with Particle Size in Indoor and Outdoor Dust and Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2014, 48, 8839-8846.	4.6	214
196	Concentrations in air of organobromine, organochlorine and organophosphate flame retardants in Toronto, Canada. <i>Atmospheric Environment</i> , 2014, 99, 140-147.	1.9	102
197	Organosilicon Compounds as Polymer Fire Retardants. , 2014, , 389-418.		9
198	Synthesis of \pm -tribromomethylamines via Mg-mediated addition of bromoform to imines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2769-2777.	1.5	5
199	Levels, distribution and human exposure of new non-BDE brominated flame retardants in the indoor dust of China. <i>Environmental Pollution</i> , 2014, 195, 1-8.	3.7	64
200	Identification and Occurrence of Analogues of Dechlorane 604 in Lake Ontario Sediment and their Accumulation in Fish. <i>Environmental Science & Technology</i> , 2014, 48, 11170-11177.	4.6	34
201	Levels and profile of several classes of organic contaminants in matched indoor dust and serum samples from occupational settings of Pakistan. <i>Environmental Pollution</i> , 2014, 193, 269-276.	3.7	53
202	Co-metabolic degradation of tetrabromobisphenol A by novel strains of <i>Pseudomonas</i> sp. and <i>Streptococcus</i> sp.. <i>Bioresource Technology</i> , 2014, 169, 271-276.	4.8	46
203	The Lipid Content of Serum Affects the Extraction Efficiencies of Highly Lipophilic Flame Retardants. <i>Environmental Science and Technology Letters</i> , 2014, 1, 82-86.	3.9	5

#	ARTICLE	IF	CITATIONS
204	Fast liquid chromatographic-tandem mass spectrometric method using mixed-mode phase chromatography and solid phase extraction for the determination of 12 mono-hydroxylated brominated diphenyl ethers in human serum. <i>Journal of Chromatography A</i> , 2014, 1356, 138-147.	1.8	11
205	Occurrence of Halogenated Flame Retardants in Sediment off an Urbanized Coastal Zone: Association with Urbanization and Industrialization. <i>Environmental Science & Technology</i> , 2014, 48, 8465-8473.	4.6	67
206	Occurrence of a Broad Range of Legacy and Emerging Flame Retardants in Indoor Environments in Norway. <i>Environmental Science & Technology</i> , 2014, 48, 6827-6835.	4.6	309
207	Human biomonitoring of emerging pollutants through non-invasive matrices: state of the art and future potential. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4063-4088.	1.9	128
208	Outdoor passive air monitoring of semi volatile organic compounds (SVOCs): a critical evaluation of performance and limitations of polyurethane foam (PUF) disks. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 433-444.	1.7	80
209	Occurrence and fate of four novel brominated flame retardants in wastewater treatment plants. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13394-13404.	2.7	26
210	Evaluation of spatial distribution and accumulation of novel brominated flame retardants, HBCD and PBDEs in an Italian subalpine lake using zebra mussel (<i>Dreissena polymorpha</i>). <i>Environmental Science and Pollution Research</i> , 2014, 21, 9655-9664.	2.7	20
211	Concentrations and relationships between classes of persistent halogenated organic compounds in pooled human serum samples and air from Laizhou Bay, China. <i>Science of the Total Environment</i> , 2014, 482-483, 276-282.	3.9	40
212	Advances in the Analysis of Challenging Food Contaminants. <i>Advances in Molecular Toxicology</i> , 2014, 8, 35-105.	0.4	16
213	Brominated Flame Retardants in Matched Serum Samples from Swedish First-Time Mothers and Their Toddlers. <i>Environmental Science & Technology</i> , 2014, 48, 7584-7592.	4.6	53
214	Occurrence of PBDEs and other alternative brominated flame retardants in sludge from wastewater treatment plants in Korea. <i>Science of the Total Environment</i> , 2014, 470-471, 1422-1429.	3.9	64
215	Effects of novel brominated flame retardants on steroidogenesis in primary porcine testicular cells. <i>Toxicology Letters</i> , 2014, 224, 141-146.	0.4	32
216	Concentrations and trophic interactions of novel brominated flame retardants, HBCD, and PBDEs in zooplankton and fish from Lake Maggiore (Northern Italy). <i>Science of the Total Environment</i> , 2014, 481, 401-408.	3.9	46
217	Brominated flame retardants in U.S. biosolids from the EPA national sewage sludge survey and chemical persistence in outdoor soil mesocosms. <i>Water Research</i> , 2014, 55, 133-142.	5.3	58
218	Novel brominated flame retardants and dechloranes in three fish species from the St. Lawrence River, Canada. <i>Science of the Total Environment</i> , 2014, 479-480, 48-56.	3.9	57
219	Reactive extractive electrospray ionization tandem mass spectrometry for sensitive detection of tetrabromobisphenol A derivatives. <i>Analytica Chimica Acta</i> , 2014, 814, 49-54.	2.6	48
220	Estimation of physicochemical properties of 52 non-PBDE brominated flame retardants and evaluation of their overall persistence and long-range transport potential. <i>Science of the Total Environment</i> , 2014, 491-492, 108-117.	3.9	24
221	Spectroscopic behavior of saytex 8010 under UV-visible light and comparative thermal study with some flame bromine retardant. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 275, 96-102.	2.0	18

#	ARTICLE	IF	CITATIONS
222	Occurrence of classic and emerging halogenated flame retardants in sediment and sludge from Ebro and Llobregat river basins (Spain). <i>Journal of Hazardous Materials</i> , 2014, 265, 288-295.	6.5	50
223	Focused ultrasound assisted extraction for the determination of PBDEs in vegetables and amended soil. <i>Talanta</i> , 2014, 119, 53-59.	2.9	14
224	Emissions and fate of brominated flame retardants in the indoor environment: A critical review of modelling approaches. <i>Science of the Total Environment</i> , 2014, 491-492, 87-99.	3.9	62
225	Emission of polybrominated diphenyl ethers (PBDEs) in use of electric/electronic equipment and recycling of e-waste in Korea. <i>Science of the Total Environment</i> , 2014, 470-471, 1414-1421.	3.9	38
226	Brominated flame retardants in the urban atmosphere of Northeast China: Concentrations, temperature dependence and gas-particle partitioning. <i>Science of the Total Environment</i> , 2014, 491-492, 60-66.	3.9	65
227	Surface Coating for Flame-Retardant Behavior of Cotton Fabric Using a Continuous Layer-by-Layer Process. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 3805-3812.	1.8	129
228	Flame retardancy of ethylene vinyl acetate (EVA) using new aluminum-based fillers. <i>Polymer Degradation and Stability</i> , 2014, 108, 56-67.	2.7	35
229	A review of new and current-use contaminants in the Arctic environment: Evidence of long-range transport and indications of bioaccumulation. <i>Chemosphere</i> , 2014, 111, 379-395.	4.2	151
230	Estrogenic and androgenic activities of TBBA and TBMEPH, metabolites of novel brominated flame retardants, and selected bisphenols, using the XenoScreen XL YES/YAS assay. <i>Chemosphere</i> , 2014, 112, 362-369.	4.2	58
231	Toxicity of TDCPP and TCEP on PC12 cell: Changes in CAMKII, GAP43, tubulin and NF-H gene and protein levels. <i>Toxicology Letters</i> , 2014, 227, 164-171.	0.4	112
234	The Toxicity of Persistent Organic Pollutants to Aquatic Organisms. <i>Comprehensive Analytical Chemistry</i> , 2015, , 587-613.	0.7	19
236	Characterization of Three Tetrabromobisphenol-S Derivatives in Mollusks from Chinese Bohai Sea: A Strategy for Novel Brominated Contaminants Identification. <i>Scientific Reports</i> , 2015, 5, 11741.	1.6	20
237	Development of methodology for the determination of carbon isotope ratios using gas chromatography/combustion/isotope ratio mass spectrometry and applications in the biodegradation of phenolic brominated flame retardants and their degradation products. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 54-60.	0.7	7
238	A review of the fate of micropollutants in wastewater treatment plants. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 457-487.	2.8	281
239	Circumpolar contamination in eggs of the high-Arctic ivory gull <i>Pagophila eburnea</i> . <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1552-1561.	2.2	25
240	Occurrence and Ecological Risk of Halogenated Flame Retardants (HFRs) in Coastal Zones. <i>Comprehensive Analytical Chemistry</i> , 2015, 67, 389-409.	0.7	4
241	Effective Strategies for Monitoring and Regulating Chemical Mixtures and Contaminants Sharing Pathways of Toxicity. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 10549-10557.	1.2	8
242	The Correlation between Polybrominated Diphenyl Ethers (PBDEs) and Thyroid Hormones in the General Population: A Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0126989.	1.1	50

#	ARTICLE	IF	CITATIONS
243	Electronic Waste. <i>Comprehensive Analytical Chemistry</i> , 2015, , 323-345.	0.7	0
244	Brominated Flame Retardants. <i>Handbook of Environmental Chemistry</i> , 2015, , 379-410.	0.2	2
245	Structure-Dependent Activity of Phthalate Esters and Phthalate Monoesters Binding to Human Constitutive Androstane Receptor. <i>Chemical Research in Toxicology</i> , 2015, 28, 1196-1204.	1.7	31
246	Levels, spatial distribution, and exposure risks of decabromodiphenylethane in soils of North China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13319-13327.	2.7	16
247	Chicago's Sanitary and Ship Canal sediment: Polycyclic aromatic hydrocarbons, polychlorinated biphenyls, brominated flame retardants, and organophosphate esters. <i>Chemosphere</i> , 2015, 134, 380-386.	4.2	67
248	Preliminary study on brominated dioxins/furans and hydroxylated/methoxylated PBDEs in Baltic cod (<i>Gadus morhua</i>) liver. Comparison to the levels of analogue chlorinated co-occurring pollutants. <i>Marine Pollution Bulletin</i> , 2015, 96, 165-175.	2.3	11
249	Porous lead(II)-based metal organic nanotubes as an adsorbent for dispersive solid-phase extraction of polybrominated diphenyl ethers from environmental water samples. <i>Journal of Chromatography A</i> , 2015, 1423, 31-38.	1.8	27
250	Elucidating toxicological mechanisms of current flame retardants using a bacterial gene profiling assay. <i>Toxicology in Vitro</i> , 2015, 29, 2124-2132.	1.1	14
251	Brominated flame retardants in food and environmental samples from a production area in China: concentrations and human exposure assessment. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 719.	1.3	37
252	Occurrence of legacy and emerging halogenated organic contaminants in marine shellfish along French coasts. <i>Chemosphere</i> , 2015, 118, 329-335.	4.2	48
253	Global trends of research on emerging contaminants in the environment and humans: a literature assimilation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 1635-1643.	2.7	48
254	Tracing endocrine disrupting chemicals in a coastal lagoon (Sacca di Goro, Italy): Sediment contamination and bioaccumulation in Manila clams. <i>Science of the Total Environment</i> , 2015, 511, 214-222.	3.9	52
255	Polybrominated diphenyl ethers in surface soils near the Changwengluozha Glacier of Central Tibetan Plateau, China. <i>Science of the Total Environment</i> , 2015, 511, 399-406.	3.9	18
256	Using performance reference compound-corrected polyethylene passive samplers and caged bivalves to measure hydrophobic contaminants of concern in urban coastal seawaters. <i>Chemosphere</i> , 2015, 127, 10-17.	4.2	28
257	Contaminant sources, gastrointestinal absorption, and tissue distribution of organohalogenated pollutants in chicken from an e-waste site. <i>Science of the Total Environment</i> , 2015, 505, 1003-1010.	3.9	44
258	Aryl organophosphate flame retardants induced cardiotoxicity during zebrafish embryogenesis: By disturbing expression of the transcriptional regulators. <i>Aquatic Toxicology</i> , 2015, 161, 25-32.	1.9	151
259	Flame retardants and organochlorines in indoor dust from several e-waste recycling sites in South China: Composition variations and implications for human exposure. <i>Environment International</i> , 2015, 78, 1-7.	4.8	178
260	Evaluation of a Fast and Simple Sample Preparation Method for Polybrominated Diphenyl Ether (PBDE) Flame Retardants and Dichlorodiphenyltrichloroethane (DDT) Pesticides in Fish for Analysis by ELISA Compared with GC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4429-4434.	2.4	36

#	ARTICLE	IF	CITATIONS
261	Spatial Distribution of Old and Emerging Flame Retardants in Chinese Forest Soils: Sources, Trends and Processes.. Environmental Science & Technology, 2015, 49, 2904-2911.	4.6	79
262	Congeners. , 2015, , 347-393.		6
263	The English Channel: Contamination status of its transitional and coastal waters. Marine Pollution Bulletin, 2015, 95, 529-550.	2.3	36
264	Brominated flame retardants in mangrove sediments of the Pearl River Estuary, South China: Spatial distribution, temporal trend and mass inventory. Chemosphere, 2015, 123, 26-32.	4.2	69
265	Recent advances for microencapsulation of flame retardant. Polymer Degradation and Stability, 2015, 113, 96-109.	2.7	97
266	Polybrominated diphenyl ethers in human placenta associated with neonatal physiological development at a typical e-waste recycling area in China. Environmental Pollution, 2015, 196, 414-422.	3.7	51
267	Changes of polybrominated diphenyl ether concentrations in ducks with background exposure level and time. Chemosphere, 2015, 118, 253-260.	4.2	9
268	Human exposure to PBDE and critical evaluation of health hazards. Archives of Toxicology, 2015, 89, 335-356.	1.9	289
269	Synergistic flame-retardant effects between aluminum hypophosphite and expandable graphite in silicone rubber composites. Journal of Thermal Analysis and Calorimetry, 2015, 120, 1819-1826.	2.0	61
270	Application of Dual Carbon-13 Bromine Isotope Analysis for Investigating Abiotic Transformations of Tribromoneopentyl Alcohol (TBNPA). Environmental Science & Technology, 2015, 49, 4433-4440.	4.6	24
271	Brominated flame retardants and seafood safety: A review. Environment International, 2015, 77, 116-131.	4.8	86
272	How to Improve Exposure Assessment. , 2015, , 77-102.		1
273	Bioaccumulation and biomagnification of halogenated organic pollutants in mangrove biota from the Pearl River Estuary, South China. Marine Pollution Bulletin, 2015, 99, 150-156.	2.3	44
274	Silver ion post-column derivatization electrospray ionization mass spectrometry for determination of tetrabromobisphenol A derivatives in water samples. RSC Advances, 2015, 5, 17474-17481.	1.7	30
275	Maternal transfer of emerging brominated and chlorinated flame retardants in European eels. Science of the Total Environment, 2015, 530-531, 209-218.	3.9	35
276	Photochemical and microbial transformation of emerging flame retardants: Cause for concern?. Environmental Toxicology and Chemistry, 2015, 34, 687-699.	2.2	44
277	Analysis of polybrominated diphenyl ethers and emerging halogenated and organophosphate flame retardants in human hair and nails. Journal of Chromatography A, 2015, 1406, 251-257.	1.8	81
278	Temporal trends in classical and alternative flame retardants in bird eggs from Doñana Natural Space and surrounding areas (south-western Spain) between 1999 and 2013. Chemosphere, 2015, 138, 316-323.	4.2	18

#	ARTICLE	IF	CITATIONS
279	Interlaboratory study of novel halogenated flame retardants: INTERFLAB. Analytical and Bioanalytical Chemistry, 2015, 407, 6759-6769.	1.9	18
280	Emerging and priority contaminants with endocrine active potentials in sediments and fish from the River Po (Italy). Environmental Science and Pollution Research, 2015, 22, 14050-14066.	2.7	65
281	Simultaneous determination of three alternative flame retardants (dechlorane plus,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 Td (1,2-bromochloroethane) by high resolution mass spectrometry. Talanta, 2015, 144, 1014-1020.	2.9	4
282	Multiyear Measurements of Flame Retardants and Organochlorine Pesticides in Air in Canada's Western Sub-Arctic. Environmental Science & Technology, 2015, 49, 8623-8630.	4.6	53
283	Concentration of novel brominated flame retardants and HBCD in leachates and sediments from selected municipal solid waste landfill sites in Gauteng Province, South Africa. Waste Management, 2015, 43, 300-306.	3.7	37
284	Bioaccumulation and Biotransformation of Brominated Flame Retardants. Comprehensive Analytical Chemistry, 2015, 67, 433-491.	0.7	12
285	Halogenated Natural Products in Dolphins: Brain's Blubber Distribution and Comparison with Halogenated Flame Retardants. Environmental Science & Technology, 2015, 49, 9073-9083.	4.6	36
286	Physical chemical properties and evaluative fate modelling of emerging and novel brominated and organophosphorus flame retardants in the indoor and outdoor environment. Science of the Total Environment, 2015, 524-525, 416-426.	3.9	73
287	Multiscreening determination of organic pollutants in molluscs using matrix solid phase dispersion. Journal of Chromatography A, 2015, 1391, 18-30.	1.8	31
288	In silico and biological analysis of anti-androgen activity of the brominated flame retardants ATE, BATE and DPTE in zebrafish. Chemico-Biological Interactions, 2015, 233, 35-45.	1.7	8
289	Contaminants of legacy and emerging concern in terrestrial passerines from a nature reserve in South China: Residue levels and inter-species differences in the accumulation. Environmental Pollution, 2015, 203, 7-14.	3.7	21
290	Bioaccumulation and biomagnification of classical flame retardants, related halogenated natural compounds and alternative flame retardants in three delphinids from Southern European waters. Environmental Pollution, 2015, 203, 107-115.	3.7	61
291	Multi-contaminant analysis of organophosphate and halogenated flame retardants in food matrices using ultrasonication and vacuum assisted extraction, multi-stage cleanup and gas chromatography-mass spectrometry. Journal of Chromatography A, 2015, 1401, 33-41.	1.8	78
292	Mechanism study on char formation of zinc acetylacetonate on ABS resin. Chinese Journal of Polymer Science (English Edition), 2015, 33, 772-782.	2.0	8
293	Estimated intakes of brominated flame retardants via diet and dust compared to internal concentrations in a Swedish mother-toddler cohort. International Journal of Hygiene and Environmental Health, 2015, 218, 422-432.	2.1	90
294	Polybrominated diphenyl ethers in thirteen shark species from offshore and coastal waters of Korea. Marine Pollution Bulletin, 2015, 95, 374-379.	2.3	9
295	Tracking the sources of polybrominated diphenyl ethers in birds: Foraging in waste management facilities results in higher DecaBDE exposure in males. Environmental Research, 2015, 138, 361-371.	3.7	38
296	Comparing the effects of tetrabromobisphenol A, bisphenol A, and their potential replacement alternatives, TBBPA-bis(2,3-dibromopropyl ether) and bisphenol S, on cell viability and messenger ribonucleic acid expression in chicken embryonic hepatocytes. Environmental Toxicology and Chemistry, 2015, 34, 391-401.	2.2	35

#	ARTICLE	IF	CITATIONS
297	Physical, chemical, biological and ecotoxicological properties of wastewater discharged from Davis Station, Antarctica. <i>Cold Regions Science and Technology</i> , 2015, 113, 52-62.	1.6	32
298	Aluminum hypophosphite microencapsulated to improve its safety and application to flame retardant polyamide 6. <i>Journal of Hazardous Materials</i> , 2015, 294, 186-194.	6.5	125
299	The effects of composite photosynthetic bacterial inoculant PS21 on the biochemical characteristics of wheat seedlings under tetrabromobisphenol A stress. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 289-298.	0.5	3
300	Bromine and water quality – Selected aspects and future perspectives. <i>Applied Geochemistry</i> , 2015, 63, 413-435.	1.4	54
301	Spatial and temporal comparisons of legacy and emerging flame retardants in herring gull eggs from colonies spanning the Laurentian Great Lakes of Canada and United States. <i>Environmental Research</i> , 2015, 142, 720-730.	3.7	64
302	Legacy and emerging halogenated organic pollutants in marine organisms from the Pearl River Estuary, South China. <i>Chemosphere</i> , 2015, 139, 565-571.	4.2	51
303	Air sampling of flame retardants based on the use of mixed-bed sorption tubes – a validation study. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18221-18229.	2.7	11
304	Fingerprint analysis of brominated flame retardants and Dechloranes in North Sea sediments. <i>Environmental Research</i> , 2015, 140, 569-578.	3.7	30
305	Review on the occurrence and profiles of polybrominated diphenyl ethers in the Philippines. <i>Environment International</i> , 2015, 85, 314-326.	4.8	24
306	New non-PBDE brominated flame retardants in sediment and plant samples from Jiaozhou Bay wetland. <i>Marine Pollution Bulletin</i> , 2015, 97, 512-517.	2.3	9
307	Responses of growth inhibition and antioxidant gene expression in earthworms (<i>Eisenia fetida</i>) exposed to tetrabromobisphenol A, hexabromocyclododecane and decabromodiphenyl ether. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 174-175, 32-38.	1.3	13
308	Selective damage to dopaminergic transporters following exposure to the brominated flame retardant, HBCDD. <i>Neurotoxicology and Teratology</i> , 2015, 52, 162-169.	1.2	17
309	Identification of two novel brominated contaminants in water samples by ultra-high performance liquid chromatography-Orbitrap Fusion Tribrid mass spectrometer. <i>Journal of Chromatography A</i> , 2015, 1377, 92-99.	1.8	62
310	Investigation on phosphorus halogen-free flame retardancy systems in short glass fiber-reinforced PC/ABS composites under rapid thermal cycle molding process condition. <i>Polymer Composites</i> , 2015, 36, 1653-1663.	2.3	9
311	Identification of a group of brominated flame retardants as novel androgen receptor antagonists and potential neuronal and endocrine disrupters. <i>Environment International</i> , 2015, 74, 60-70.	4.8	34
312	Hazard assessment of fluorinated alternatives to long-chain perfluoroalkyl acids (PFAAs) and their precursors: Status quo, ongoing challenges and possible solutions. <i>Environment International</i> , 2015, 75, 172-179.	4.8	420
313	Development and application of tetrabromobisphenol A imprinted electrochemical sensor based on graphene/carbon nanotubes three-dimensional nanocomposites modified carbon electrode. <i>Talanta</i> , 2015, 134, 435-442.	2.9	145
314	Human dietary intake of organohalogen contaminants at e-waste recycling sites in Eastern China. <i>Environment International</i> , 2015, 74, 209-220.	4.8	83

#	ARTICLE	IF	CITATIONS
315	A mixture of the novel brominated flame retardants TBPH and TBB affects fecundity and transcript profiles of the HPGL-axis in Japanese medaka. <i>Aquatic Toxicology</i> , 2015, 158, 14-21.	1.9	34
316	Endocrine disruptor activity of multiple environmental food chain contaminants. <i>Toxicology in Vitro</i> , 2015, 29, 211-220.	1.1	39
317	Novel brominated flame retardants and dechlorane plus in Greenland air and biota. <i>Environmental Pollution</i> , 2015, 196, 284-291.	3.7	107
318	Evaluation of in vitro vs. in vivo methods for assessment of dermal absorption of organic flame retardants: A review. <i>Environment International</i> , 2015, 74, 13-22.	4.8	81
319	Effect of PVDC on the Fire Performance of Ultra-Low Density Fiberboards (ULDFs). <i>BioResources</i> , 2016, 11, .	0.5	1
320	Microplastics in Aquatic Environments and Their Toxicological Implications for Fish. , 0, , .		18
321	2,4,6-Tribromophenol Interferes with the Thyroid Hormone System by Regulating Thyroid Hormones and the Responsible Genes in Mice. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 697.	1.2	20
322	Molecularly Imprinted Nanofiber Film for Sensitive Sensing 2,4,6-Tribromophenol. <i>Polymers</i> , 2016, 8, 222.	2.0	9
323	Melamine poly(zinc phosphate) as flame retardant in epoxy resin: Decomposition pathways, molecular mechanisms and morphology of fire residues. <i>Polymer Degradation and Stability</i> , 2016, 130, 307-319.	2.7	82
324	Organohalogen pollutants in surface particulates from workshop floors of four major e-waste recycling sites in China and implications for emission lists. <i>Science of the Total Environment</i> , 2016, 569-570, 982-989.	3.9	32
325	Synthesis of Bifunctional Monomers by the Palladium-Catalyzed Carbonylation of Cardanol and its Derivatives. <i>ChemCatChem</i> , 2016, 8, 751-757.	1.8	21
326	Advances in enantioselective analysis of chiral brominated flame retardants. Current status, limitations and future perspectives. <i>Science of the Total Environment</i> , 2016, 566-567, 1120-1130.	3.9	16
327	Polybrominated diphenyl ethers and new polybrominated flame retardants in tree bark from western areas of China. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1364-1370.	2.2	7
328	Brominated and organophosphate flame retardants in indoor dust of Jeddah, Kingdom of Saudi Arabia: Implications for human exposure. <i>Science of the Total Environment</i> , 2016, 569-570, 269-277.	3.9	107
329	In Vitro Metabolism of Photolytic Breakdown Products of Tetradecabromo-1,4-diphenoxybenzene Flame Retardant in Herring Gull and Rat Liver Microsomal Assays. <i>Environmental Science & Technology</i> , 2016, 50, 8335-8343.	4.6	7
330	Melamine poly(metal phosphates) as flame retardant in epoxy resin: Performance, modes of action, and synergy. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	55
331	Kinetics of Brominated Flame Retardant (BFR) Releases from Granules of Waste Plastics. <i>Environmental Science & Technology</i> , 2016, 50, 13419-13427.	4.6	50
332	Emerging Brominated Flame Retardants in Sediments and Soils: a Review. <i>Current Pollution Reports</i> , 2016, 2, 213-223.	3.1	27

#	ARTICLE	IF	CITATIONS
333	Persistent Toxic Substances in Vietnam: A Review of Environmental Contamination and Human Exposure. ACS Symposium Series, 2016, , 55-83.	0.5	2
336	Electroreductive Remediation of Halogenated Environmental Pollutants. Chemical Reviews, 2016, 116, 15198-15234.	23.0	160
337	Identification of Marbon in the Indiana Harbor and Ship Canal. Environmental Science & Technology, 2016, 50, 13232-13238.	4.6	8
338	Mechanochemical destruction of halogenated organic pollutants: A critical review. Journal of Hazardous Materials, 2016, 313, 85-102.	6.5	156
339	Distribution pattern of legacy and "novel" brominated flame retardants in different particle size fractions of indoor dust in Birmingham, United Kingdom. Chemosphere, 2016, 157, 124-131.	4.2	27
340	In vitro dioxin-like potencies of HO- and MeO-PBDEs and inter-species sensitivity variation in birds. Ecotoxicology and Environmental Safety, 2016, 126, 202-210.	2.9	14
341	Microbial degradation of the brominated flame retardant TBNPA by groundwater bacteria: laboratory and field study. Chemosphere, 2016, 156, 367-373.	4.2	14
342	Brominated flame retardants in the indoor environment " Comparative study of indoor contamination from three countries. Environment International, 2016, 94, 150-160.	4.8	124
343	Habitat- and species-dependent accumulation of organohalogen pollutants in home-produced eggs from an electronic waste recycling site in South China: Levels, profiles, and human dietary exposure. Environmental Pollution, 2016, 216, 64-70.	3.7	46
344	First insight into the levels and distribution of flame retardants in potable water in Pakistan: An underestimated problem with an associated health risk diagnosis. Science of the Total Environment, 2016, 565, 346-359.	3.9	45
345	Brominated flame retardants (BFRs) in indoor and outdoor air in a community in Guangzhou, a megacity of southern China. Environmental Pollution, 2016, 212, 457-463.	3.7	62
346	Characterization of anthropogenic impacts in a large urban center by examining the spatial distribution of halogenated flame retardants. Environmental Pollution, 2016, 215, 187-194.	3.7	18
347	Comparisons of indoor active and passive air sampling methods for emerging and legacy halogenated flame retardants in Beijing, China offices. Emerging Contaminants, 2016, 2, 80-88.	2.2	18
348	Statewide surveillance of halogenated flame retardants in fish in Illinois, USA. Environmental Pollution, 2016, 214, 627-634.	3.7	28
349	Evaluation of the Genotoxic and Physiological Effects of Decabromodiphenyl Ether (BDE-209) and Dechlorane Plus (DP) Flame Retardants in Marine Mussels (<i>Mytilus galloprovincialis</i>). Environmental Science & Technology, 2016, 50, 2700-2708.	4.6	31
350	Hydroxylated polybrominated diphenyl ethers (OH-PBDEs) in paired maternal and neonatal samples from South China: Placental transfer and potential risks. Environmental Research, 2016, 148, 72-78.	3.7	17
351	The potential neurotoxicity of emerging tetrabromobisphenol A derivatives based on rat pheochromocytoma cells. Chemosphere, 2016, 154, 194-203.	4.2	60
352	Photochemical transformation of five novel brominated flame retardants: Kinetics and photoproducts. Chemosphere, 2016, 150, 453-460.	4.2	24

#	ARTICLE	IF	CITATIONS
353	Plant selective uptake of halogenated flame retardants at an e-waste recycling site in southern China. <i>Environmental Pollution</i> , 2016, 214, 705-712.	3.7	30
354	Effects of tris(2-butoxyethyl) phosphate exposure on endocrine systems and reproduction of zebrafish (<i>Danio rerio</i>). <i>Environmental Pollution</i> , 2016, 214, 568-574.	3.7	50
355	A Novel Flame Retardant in the Great Lakes Atmosphere: 3,3,5,5-Tetrabromobisphenol A Bis(2,3-dibromopropyl) Ether. <i>Environmental Science and Technology Letters</i> , 2016, 3, 194-199.	3.9	28
356	Enhancement of flame-retardant performance of thermoplastic polyurethane with the incorporation of aluminum hypophosphite and iron-graphene. <i>Polymer Degradation and Stability</i> , 2016, 129, 275-285.	2.7	85
357	Bioavailability of classical and novel flame retardants: Effect of fullerene presence. <i>Science of the Total Environment</i> , 2016, 565, 299-305.	3.9	5
358	Non-PBDE halogenated flame retardants in Canadian indoor house dust: sampling, analysis, and occurrence. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7998-8007.	2.7	28
359	Applicability of Gas Chromatography (GC) Coupled to Triple-Quadrupole (QqQ) Tandem Mass Spectrometry (MS/MS) for Polybrominated Diphenyl Ether (PBDE) and Emerging Brominated Flame Retardant (BFR) Determinations in Functional Foods Enriched in Omega-3. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7265-7274.	2.4	12
360	Critical review of the analysis of brominated flame retardants and their environmental levels in Africa. <i>Chemosphere</i> , 2016, 164, 174-189.	4.2	51
361	Sources and fate of organic carbon and nitrogen from land to ocean: Identified by coupling stable isotopes with C/N ratio. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 181, 114-122.	0.9	62
362	Determination of novel brominated flame retardants and polybrominated diphenyl ethers in serum using gas chromatography-mass spectrometry with two simplified sample preparation procedures. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7835-7844.	1.9	30
363	Atmospheric chemical reactions of alternatives of polybrominated diphenyl ethers initiated by OH: A case study on triphenyl phosphate. <i>Science of the Total Environment</i> , 2016, 571, 1105-1114.	3.9	29
364	Estimation of human percutaneous bioavailability for two novel brominated flame retardants, 2-ethylhexyl 2,3,4,5-tetrabromobenzoate (EH-TBB) and bis(2-ethylhexyl) tetrabromophthalate (BEH-TEBP). <i>Toxicology and Applied Pharmacology</i> , 2016, 311, 117-127.	1.3	17
365	Multiparameter in vitro toxicity assessment of novel DOPO-derived organophosphorus flame retardants. <i>Toxicology Letters</i> , 2016, 258, S137.	0.4	0
366	Novel brominated flame retardants in food composites and human milk from the Chinese Total Diet Study in 2011: Concentrations and a dietary exposure assessment. <i>Environment International</i> , 2016, 96, 82-90.	4.8	77
367	Evaluation of Long-Range Transport Potential of Selected Brominated Flame Retardants with Measured 1-Octanol-Air Partition Coefficients. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1696-1702.	1.0	7
368	Tracking chemicals in products around the world: introduction of a dynamic substance flow analysis model and application to PCBs. <i>Environment International</i> , 2016, 94, 674-686.	4.8	47
369	Recent advances in the analysis of TBBPA/TBBPS, TBBPA/TBBPS derivatives and their transformation products. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 83, 14-24.	5.8	52
370	From Clothing to Laundry Water: Investigating the Fate of Phthalates, Brominated Flame Retardants, and Organophosphate Esters. <i>Environmental Science & Technology</i> , 2016, 50, 9289-9297.	4.6	77

#	ARTICLE	IF	CITATIONS
371	Spatial Distribution and Air–Water Exchange of Organic Flame Retardants in the Lower Great Lakes. <i>Environmental Science & Technology</i> , 2016, 50, 9133-9141.	4.6	34
372	Seasonality and indoor/outdoor relationships of flame retardants and PCBs in residential air. <i>Environmental Pollution</i> , 2016, 218, 392-401.	3.7	34
373	Occurrence and Concentrations of Halogenated Flame Retardants in the Atmospheric Fine Particles in Chinese Cities. <i>Environmental Science & Technology</i> , 2016, 50, 9846-9854.	4.6	97
374	Determination of Halogenated Flame Retardants Using Gas Chromatography with Atmospheric Pressure Chemical Ionization (APCI) and a High-Resolution Quadrupole Time-of-Flight Mass Spectrometer (HRqTOFMS). <i>Analytical Chemistry</i> , 2016, 88, 11406-11411.	3.2	38
375	Tissue-Specific Accumulation, Depuration, and Transformation of Triphenyl Phosphate (TPHP) in Adult Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2016, 50, 13555-13564.	4.6	109
376	Dermal uptake and percutaneous penetration of ten flame retardants in a human skin <i>ex vivo</i> model. <i>Chemosphere</i> , 2016, 162, 308-314.	4.2	36
377	Inhibitory effects of tributyl phosphate on algal growth, photosynthesis, and fatty acid synthesis in the marine diatom <i>Phaeodactylum tricornutum</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 24009-24018.	2.7	12
378	Environmental and safety aspects of tertiary amino-functionalized ILs™ use as efficient recyclable catalysts for direct α -bromination of cyclic conjugated enones. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 43, 20-27.	2.9	2
379	Multi-year air monitoring of legacy and current-use brominated flame retardants in an urban center in northeastern China. <i>Science of the Total Environment</i> , 2016, 571, 633-642.	3.9	35
380	Synergistic effects between [Emim]PF ₆ and aluminum hypophosphite on flame retardant thermoplastic polyurethane. <i>RSC Advances</i> , 2016, 6, 67409-67417.	1.7	28
381	Comparison of <i>in vitro</i> hormone activities of novel flame retardants TBB, TBPH and their metabolites TBBA and TBMEPH using reporter gene assays. <i>Chemosphere</i> , 2016, 160, 244-251.	4.2	25
382	Occurrence and fate of PBDEs and novel brominated flame retardants in a wastewater treatment plant in Harbin, China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19246-19256.	2.7	25
383	Selective pressurized liquid extraction of replacement and legacy brominated flame retardants from soil. <i>Journal of Chromatography A</i> , 2016, 1458, 118-125.	1.8	17
384	Fire behavior of polyamide 12 nanocomposites containing POSS and CNT. <i>Polymer Degradation and Stability</i> , 2016, 134, 151-156.	2.7	13
385	Mechanochemical conversion of brominated POPs into useful oxybromides: a greener approach. <i>Scientific Reports</i> , 2016, 6, 28394.	1.6	22
386	Degradation of Polymeric Brominated Flame Retardants: Development of an Analytical Approach Using PolyFR and UV Irradiation. <i>Environmental Science & Technology</i> , 2016, 50, 12912-12920.	4.6	23
387	Emerging and Legacy Flame Retardants in UK Indoor Air and Dust: Evidence for Replacement of PBDEs by Emerging Flame Retardants?. <i>Environmental Science & Technology</i> , 2016, 50, 13052-13061.	4.6	125
388	Polychlorinated Diphenyl Ethers (PCBDEs) in Surface Soils across Five Asian Countries: Levels, Spatial Distribution, and Source Contribution. <i>Environmental Science & Technology</i> , 2016, 50, 12779-12788.	4.6	91

#	ARTICLE	IF	CITATIONS
389	Novel phosphorus-containing polyhedral oligomeric silsesquioxane designed for high-performance flame-retardant bismaleimide resins. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	9
390	Thermal Degradation Study of Decabromodiphenyl Ether. Translating Thermo-Analytical Results into Optimal Chromatographic Conditions. <i>Acta Chemica Iasi</i> , 2016, 24, 76-87.	0.1	0
391	Development of an Electrochemical Immunoassay for the Detection of Polybrominated Diphenyl Ethers (PBDEs). <i>Electroanalysis</i> , 2016, 28, 1817-1823.	1.5	14
392	Sustainable improvement of the tetrabromoethylcyclohexane synthesis using Amino IIs as Catalysts in Water. A facile and environmentally-friendly procedure. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1274-1279.	1.6	8
393	The cytotoxicity of organophosphate flame retardants on HepG2, A549 and Caco-2 cells. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 980-988.	0.9	72
394	New insight into the levels, distribution and health risk diagnosis of indoor and outdoor dust-bound FRs in colder, rural and industrial zones of Pakistan. <i>Environmental Pollution</i> , 2016, 216, 662-674.	3.7	37
395	Organophosphate Flame Retardants and Plasticizers in Aqueous Solution: pH-Dependent Hydrolysis, Kinetics, and Pathways. <i>Environmental Science & Technology</i> , 2016, 50, 8103-8111.	4.6	130
396	Molecular perspectives and recent advances in microbial remediation of persistent organic pollutants. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16883-16903.	2.7	73
397	Exchange of organohalogen compounds between air and tree bark in the Yellow River region. <i>Chemosphere</i> , 2016, 153, 478-484.	4.2	17
398	Trends in the levels of halogenated flame retardants in the Great Lakes atmosphere over the period 2005-2013. <i>Environment International</i> , 2016, 92-93, 442-449.	4.8	72
399	Occurrence and sources of brominated and organophosphorus flame retardants in dust from different indoor environments in Barcelona, Spain. <i>Environmental Research</i> , 2016, 149, 66-76.	3.7	111
400	Phosphorus-containing flame-retardant bismaleimide resin with high mechanical properties. <i>Polymer Bulletin</i> , 2016, 73, 3547-3557.	1.7	16
401	Synergistic effects between iron-graphene and ammonium polyphosphate in flame-retardant thermoplastic polyurethane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 633-642.	2.0	50
402	Concentrations of legacy and emerging flame retardants in air and soil on a transect in the UK West Midlands. <i>Chemosphere</i> , 2016, 148, 195-203.	4.2	58
403	Are some "safer alternatives" hazardous as PBTs? The case study of new flame retardants. <i>Journal of Hazardous Materials</i> , 2016, 306, 237-246.	6.5	54
404	Graphene-based Janus micromotors for the dynamic removal of pollutants. <i>Journal of Materials Chemistry A</i> , 2016, 4, 3371-3378.	5.2	112
405	Biodegradation of brominated and organophosphorus flame retardants. <i>Current Opinion in Biotechnology</i> , 2016, 38, 14-23.	3.3	37
406	Contamination and distribution of heavy metals, polybrominated diphenyl ethers and alternative halogenated flame retardants in a pristine mangrove. <i>Marine Pollution Bulletin</i> , 2016, 103, 344-348.	2.3	25

#	ARTICLE	IF	CITATIONS
407	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
408	Use of the SPARC software program to calculate hydrolysis rate constants for the polymeric brominated flame retardants BC-58 and FR-1025. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 509-513.	0.9	2
409	Tetrabromobisphenol-A/S and Nine Novel Analogs in Biological Samples from the Chinese Bohai Sea: Implications for Trophic Transfer. <i>Environmental Science & Technology</i> , 2016, 50, 4203-4211.	4.6	95
410	Polybrominated diphenyl ethers (PBDEs) and alternative brominated flame retardants (aBFRs) in sediments from four bays of the Yellow Sea, North China. <i>Environmental Pollution</i> , 2016, 213, 386-394.	3.7	60
411	Single and 14-day repeated dose inhalation toxicity studies of hexabromocyclododecane in rats. <i>Food and Chemical Toxicology</i> , 2016, 91, 73-81.	1.8	3
412	Levels and profiles of brominated and chlorinated contaminants in human breast milk from Thessaloniki, Greece. <i>Science of the Total Environment</i> , 2016, 539, 350-358.	3.9	35
413	Retrospective analysis of "new" flame retardants in the global atmosphere under the GAPS Network. <i>Environmental Pollution</i> , 2016, 217, 62-69.	3.7	42
414	Persistent halogenated compounds in fish from rivers in the Pearl River Delta, South China: Geographical pattern and implications for anthropogenic effects on the environment. <i>Environmental Research</i> , 2016, 146, 371-378.	3.7	43
415	Assembling gold nanorods on a poly-cysteine modified glassy carbon electrode strongly enhance the electrochemical response to tetrabromobisphenol A. <i>Mikrochimica Acta</i> , 2016, 183, 689-696.	2.5	26
416	Adsorption-uptake-metabolism kinetic model on the removal of BDE-47 by a <i>Chlorella</i> isolate. <i>Environmental Pollution</i> , 2016, 212, 290-298.	3.7	27
417	Brominated flame retardants in the surrounding soil of two manufacturing plants in China: Occurrence, composition profiles and spatial distribution. <i>Environmental Pollution</i> , 2016, 213, 1-7.	3.7	48
418	Flame retardants: Dust " And not food " Might be the risk. <i>Chemosphere</i> , 2016, 150, 461-464.	4.2	45
419	Concentrations of polybrominated diphenyl ethers (PBDEs) and 2,4,6-tribromophenol in human placental tissues. <i>Environment International</i> , 2016, 88, 23-29.	4.8	90
420	Determination of halogenated flame retardants in food: Optimization and validation of a method based on a two-step clean-up and gas chromatography-mass spectrometry. <i>Food Control</i> , 2016, 65, 168-176.	2.8	28
421	Concentrations of "legacy" and novel brominated flame retardants in matched samples of UK kitchen and living room/bedroom dust. <i>Chemosphere</i> , 2016, 149, 224-230.	4.2	37
422	Sampling strategy for estimating human exposure pathways to consumer chemicals. <i>Emerging Contaminants</i> , 2016, 2, 26-36.	2.2	35
423	Hair and Nails as Noninvasive Biomarkers of Human Exposure to Brominated and Organophosphate Flame Retardants. <i>Environmental Science & Technology</i> , 2016, 50, 3065-3073.	4.6	139
424	Tracking pan-continental trends in environmental contamination "using sentinel raptors" what types of samples should we use?. <i>Ecotoxicology</i> , 2016, 25, 777-801.	1.1	149

#	ARTICLE	IF	CITATIONS
425	Assessing in-vitro estrogenic effects of currently-used flame retardants. <i>Toxicology in Vitro</i> , 2016, 33, 153-162.	1.1	42
426	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
427	Waste-to-energy: Dehalogenation of plastic-containing wastes. <i>Waste Management</i> , 2016, 49, 287-303.	3.7	86
428	Brominated flame retardants (BFRs): A review on environmental contamination in China. <i>Chemosphere</i> , 2016, 150, 479-490.	4.2	200
429	Distributions and compositions of old and emerging flame retardants in the rhizosphere and non-rhizosphere soil in an e-waste contaminated area of South China. <i>Environmental Pollution</i> , 2016, 208, 619-625.	3.7	31
430	Polybrominated diphenyl ethers and novel brominated flame retardants in floor and elevated surface house dust from Iraq: Implications for human exposure assessment. <i>Emerging Contaminants</i> , 2016, 2, 7-13.	2.2	48
431	Novel flame retardants: Estimating the physical and chemical properties and environmental fate of 94 halogenated and organophosphate PBDE replacements. <i>Chemosphere</i> , 2016, 144, 2401-2407.	4.2	128
432	Flame-retardant fibrous materials in an aircraft. <i>Journal of Industrial Textiles</i> , 2016, 45, 1128-1169.	1.1	18
433	Degradation and debromination of bromophenols using a free-base porphyrin and metalloporphyrins as photosensitizers under conditions of visible light irradiation in the absence and presence of humic substances. <i>Applied Catalysis B: Environmental</i> , 2016, 183, 61-68.	10.8	29
434	Phosphate flame retardants and novel brominated flame retardants in home-produced eggs from an e-waste recycling region in China. <i>Chemosphere</i> , 2016, 150, 545-550.	4.2	52
435	Five-year trends of selected halogenated flame retardants in the atmosphere of Northeast China. <i>Science of the Total Environment</i> , 2016, 539, 286-293.	3.9	55
436	Brominated flame retardants – Exposure and risk assessment for the general population. <i>International Journal of Hygiene and Environmental Health</i> , 2016, 219, 1-23.	2.1	211
437	Multiparameter toxicity assessment of novel DOPO-derived organophosphorus flame retardants. <i>Archives of Toxicology</i> , 2017, 91, 407-425.	1.9	63
438	Exposure to a PBDE/OH-BDE mixture alters juvenile zebrafish (<i>Danio rerio</i>) development. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 36-48.	2.2	20
439	Effect of E-waste Recycling on Urinary Metabolites of Organophosphate Flame Retardants and Plasticizers and Their Association with Oxidative Stress. <i>Environmental Science & Technology</i> , 2017, 51, 2427-2437.	4.6	122
440	Characterization of PBDEs and novel brominated flame retardants in seawater near a coastal mariculture area of the Bohai Sea, China. <i>Science of the Total Environment</i> , 2017, 580, 1446-1452.	3.9	51
441	Occurrence of halogenated flame retardants in commercial seafood species available in European markets. <i>Food and Chemical Toxicology</i> , 2017, 104, 35-47.	1.8	101
442	Toxicologic effects of 28-day dietary exposure to the flame retardant 1,2-dibromo-4-(1,2-dibromoethyl)-cyclohexane (TBECH) in F344 rats. <i>Toxicology</i> , 2017, 377, 1-13.	2.0	28

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443	Preparation and evaluation of magnetic core-shell mesoporous molecularly imprinted polymers for selective adsorption of tetrabromobisphenol S. <i>Talanta</i> , 2017, 166, 300-305.	2.9	45
444	Atmospheric chemical reaction mechanism and kinetics of 1,2-bis(2,4,6-tribromophenoxy)ethane initiated by OH radical: a computational study. <i>RSC Advances</i> , 2017, 7, 9484-9494.	1.7	11
445	A review of brominated flame retardants in the environment with emphasis on atmospheric levels, knowledge and information gaps in the African continent. <i>Atmospheric Pollution Research</i> , 2017, 8, 767-780.	1.8	19
446	Synergistic effect between Fe and Bi ₂ O ₃ on enhanced mechanochemical treatment of decabromodiphenyl ether. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 915-923.	3.3	25
447	Contaminants of emerging concern in Caspian tern compared to herring gull eggs from Michigan colonies in the Great Lakes of North America. <i>Environmental Pollution</i> , 2017, 222, 154-164.	3.7	41
448	Blood clinical-chemical parameters and feeding history in growing Japanese quail (<i>Coturnix</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 ovo. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 938-952.	0.6	3
449	Occurrence of halogenated and organophosphate flame retardants in sediment and fish samples from three European river basins. <i>Science of the Total Environment</i> , 2017, 586, 782-791.	3.9	180
450	Impairment in the mesohippocampal dopamine circuit following exposure to the brominated flame retardant, HBCDD. <i>Environmental Toxicology and Pharmacology</i> , 2017, 50, 167-174.	2.0	11
451	Halogenated organic pollutants in marine biota from the Xuande Atoll, South China Sea: Levels, biomagnification and dietary exposure. <i>Marine Pollution Bulletin</i> , 2017, 118, 413-419.	2.3	42
452	Effects of food-borne exposure of juvenile rainbow trout (<i>Oncorhynchus mykiss</i>) to emerging brominated flame retardants 1,2-bis(2,4,6-tribromophenoxy)ethane and 2-ethylhexyl-2,3,4,5-tetrabromobenzoate. <i>Aquatic Toxicology</i> , 2017, 186, 40-49.	1.9	27
453	New halogenated flame retardants in the atmosphere of nine urban areas in China: Pollution characteristics, source analysis and variation trends. <i>Environmental Pollution</i> , 2017, 224, 679-688.	3.7	29
454	Polybrominated diphenyl ethers (PBDEs) and alternative flame retardants (NFRs) in indoor and outdoor air and indoor dust from Istanbul-Turkey: Levels and an assessment of human exposure. <i>Atmospheric Pollution Research</i> , 2017, 8, 801-815.	1.8	66
455	Detection of novel brominated flame retardants (NBFRs) in the urban soils of Melbourne, Australia. <i>Emerging Contaminants</i> , 2017, 3, 23-31.	2.2	47
456	Spatial and temporal trends of alternative flame retardants and polybrominated diphenyl ethers in ringed seals (<i>Phoca hispida</i>) across the Canadian Arctic. <i>Environmental Pollution</i> , 2017, 223, 266-276.	3.7	36
457	Research progress on aging of organic pollutants in geosorbents: a review. <i>Acta Geochimica</i> , 2017, 36, 27-43.	0.7	12
458	Organic contaminants and heavy metals in indoor dust from e-waste recycling, rural, and urban areas in South China: Spatial characteristics and implications for human exposure. <i>Ecotoxicology and Environmental Safety</i> , 2017, 140, 109-115.	2.9	77
459	Polyhalogenated compounds (chlorinated paraffins, novel and classic flame retardants, POPs) in dishcloths after their regular use in households. <i>Science of the Total Environment</i> , 2017, 595, 303-314.	3.9	37
460	Flame Retardant Chemicals in College Dormitories: Flammability Standards Influence Dust Concentrations. <i>Environmental Science & Technology</i> , 2017, 51, 4860-4869.	4.6	37

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461	New fluorescein dye derivatives and their use as an efficient photoinitiator using blue light LED. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 343, 112-118.	2.0	12
462	A colorimetric assay for detection of 6-OH-BDE-47 using 6-OH-BDE-47-specific aptamers and gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 298-304.	4.0	7
463	Historical trends and ecological risks of polybrominated diphenyl ethers (PBDEs) and alternative halogenated flame retardants (AHFRs) in a mangrove in South China. <i>Science of the Total Environment</i> , 2017, 599-600, 181-187.	3.9	31
464	A national survey of tetrabromobisphenol-A, hexabromocyclododecane and decabrominated diphenyl ether in human milk from China: Occurrence and exposure assessment. <i>Science of the Total Environment</i> , 2017, 599-600, 237-245.	3.9	50
465	Occurrence and source apportionment of halogenated flame retardants in the indoor air of Nepalese cities: Implication on human health. <i>Atmospheric Environment</i> , 2017, 161, 122-131.	1.9	28
466	Influence of co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium on the cellular characteristics of <i>Pycnoporus sanguineus</i> during their removal and reduction. <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 388-398.	2.9	18
467	Identification of Emerging Brominated Chemicals as the Transformation Products of Tetrabromobisphenol A (TBBPA) Derivatives in Soil. <i>Environmental Science & Technology</i> , 2017, 51, 5434-5444.	4.6	63
468	The first exposure assessment of legacy and unrestricted brominated flame retardants in predatory birds of Pakistan. <i>Environmental Pollution</i> , 2017, 220, 1208-1219.	3.7	12
469	Perinatal exposure to organohalogen pollutants decreases vasopressin content and its mRNA expression in magnocellular neuroendocrine cells activated by osmotic stress in adult rats. <i>Toxicology and Applied Pharmacology</i> , 2017, 329, 173-189.	1.3	10
470	Sensitive immunoassay for simultaneous determination of tetrabromobisphenol A bis(2-hydroxyethyl) ether and tetrabromobisphenol A mono(hydroxyethyl) ether: An effective and reliable strategy to estimate the typical tetrabromobisphenol A derivative and byproduct in aquatic environments. <i>Environmental Pollution</i> , 2017, 229, 431-438.	3.7	24
471	Currently used organophosphate and brominated flame retardants in the environment of China and other developing countries (2000-2016). <i>Environmental Science and Pollution Research</i> , 2017, 24, 18721-18741.	2.7	63
472	Simultaneous determination of dechloranes, polybrominated diphenyl ethers and novel brominated flame retardants in food and serum. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4507-4515.	1.9	17
473	A miniature bird-borne passive air sampler for monitoring halogenated flame retardants. <i>Science of the Total Environment</i> , 2017, 599-600, 1903-1911.	3.9	12
474	Impacts of Unregulated Novel Brominated Flame Retardants on Human Liver Thyroid Deiodination and Sulfotransferation. <i>Environmental Science & Technology</i> , 2017, 51, 7245-7253.	4.6	37
475	Brominated and phosphate flame retardants (FRs) in indoor dust from different microenvironments: Implications for human exposure via dust ingestion and dermal contact. <i>Chemosphere</i> , 2017, 184, 185-191.	4.2	53
476	Vehicles as outdoor BFR sources: Evidence from an investigation of BFR occurrence in road dust. <i>Chemosphere</i> , 2017, 179, 29-36.	4.2	34
477	Elevated Concentrations of 4-Bromobiphenyl and 1,3,5-Tribromobenzene Found in Deep Water of Lake Geneva Based on GC-MS-TOFMS and GC-MS-ECD. <i>ACS Omega</i> , 2017, 2, 641-652.	1.6	13
478	Flame retardants and their metabolites in the homes and urine of pregnant women residing in California (the CHAMACOS cohort). <i>Chemosphere</i> , 2017, 179, 159-166.	4.2	81

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479	Determination of tetrabromobisphenol-A/S and their main derivatives in water samples by high performance liquid chromatography coupled with inductively coupled plasma tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1497, 81-86.	1.8	55
480	Hydrodehalogenation of hexachloro- and hexabromobenzene by metallic calcium in ethanol, in the presence of Rh/C catalyst. <i>Environmental Science and Pollution Research</i> , 2017, 24, 591-597.	2.7	4
481	Current halogenated flame retardant concentrations in serum from residents of Shandong Province, China, and temporal changes in the concentrations. <i>Environmental Research</i> , 2017, 155, 116-122.	3.7	54
482	Which persistent organic pollutants in the rivers of the Bohai Region of China represent the greatest risk to the local ecosystem?. <i>Chemosphere</i> , 2017, 178, 11-18.	4.2	28
483	Halogen-free organophosphorus flame retardants caused oxidative stress and multixenobiotic resistance in Asian freshwater clams (<i>Corbicula fluminea</i>). <i>Environmental Pollution</i> , 2017, 225, 559-568.	3.7	47
484	Concentrations of organophosphorus, polybromobenzene, and polybrominated diphenyl ether flame retardants in human serum, and relationships between concentrations and donor ages. <i>Chemosphere</i> , 2017, 171, 654-660.	4.2	47
485	Comparative hepatotoxicity of 6:2 fluorotelomer carboxylic acid and 6:2 fluorotelomer sulfonic acid, two fluorinated alternatives to long-chain perfluoroalkyl acids, on adult male mice. <i>Archives of Toxicology</i> , 2017, 91, 2909-2919.	1.9	43
486	Advanced Analytical Techniques for Assessing the Chemical Compounds Related to Microplastics. <i>Comprehensive Analytical Chemistry</i> , 2017, 75, 209-240.	0.7	12
487	Halogenated flame retardants in bobcats from the midwestern United States. <i>Environmental Pollution</i> , 2017, 221, 191-198.	3.7	20
488	Development and comparison of gas chromatography-mass spectrometry techniques for analysis of flame retardants. <i>Journal of Chromatography A</i> , 2017, 1481, 116-126.	1.8	25
489	Tributylphosphate (TBP) and tris (2-butoxyethyl) phosphate (TBEP) induced apoptosis and cell cycle arrest in HepG2 cells. <i>Toxicology Research</i> , 2017, 6, 902-911.	0.9	15
490	Intake, distribution, and metabolism of decabromodiphenyl ether and its main metabolites in chickens and implications for human dietary exposure. <i>Environmental Pollution</i> , 2017, 231, 795-801.	3.7	19
491	Thin-layer chromatography coupled with high performance liquid chromatography for determining tetrabromobisphenol A/S and their derivatives in soils. <i>Journal of Chromatography A</i> , 2017, 1526, 151-156.	1.8	23
492	Legacy and alternative halogenated flame retardants in human milk in Europe: Implications for children's health. <i>Environment International</i> , 2017, 108, 137-145.	4.8	45
493	Emerging and legacy flame retardants in indoor dust from East China. <i>Chemosphere</i> , 2017, 186, 635-643.	4.2	70
494	Simultaneous liquid chromatography-mass spectrometry analysis of brominated flame retardants (tetrabromobisphenol A and hexabromocyclododecane diastereoisomers) in French breast milk. <i>Chemosphere</i> , 2017, 186, 762-769.	4.2	25
495	Biotransformation of the Flame Retardant 1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane (TBECH) in Vitro by Human Liver Microsomes. <i>Environmental Science & Technology</i> , 2017, 51, 10511-10518.	4.6	28
496	Recycling of plastic waste: Screening for brominated flame retardants (BFRs). <i>Waste Management</i> , 2017, 69, 101-109.	3.7	84

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497	Children's exposure to brominated flame retardants in indoor environments - A review. <i>Environment International</i> , 2017, 108, 146-169.	4.8	88
498	Brominated flame retardants (BFRs) in eggs from birds of prey from Southern Germany, 2014. <i>Environmental Pollution</i> , 2017, 231, 569-577.	3.7	28
499	Changes in Flame Retardant and Legacy Contaminant Concentrations in Indoor Air during Building Construction, Furnishing, and Use. <i>Environmental Science & Technology</i> , 2017, 51, 11891-11899.	4.6	34
500	Tetrabromoethylcyclohexane affects gonadal differentiation and development in the frog <i>Pelophylax nigromaculatus</i> . <i>Aquatic Toxicology</i> , 2017, 192, 40-47.	1.9	17
501	Occurrence and Source Effect of Novel Brominated Flame Retardants (NBFRs) in Soils from Five Asian Countries and Their Relationship with PBDEs. <i>Environmental Science & Technology</i> , 2017, 51, 11126-11135.	4.6	45
502	Critical review of soil contamination by polybrominated diphenyl ethers (PBDEs) and novel brominated flame retardants (NBFRs); concentrations, sources and congener profiles. <i>Environmental Pollution</i> , 2017, 230, 741-757.	3.7	159
503	Legacy and novel brominated flame retardants in interior car dust—Implications for human exposure. <i>Environmental Pollution</i> , 2017, 230, 871-881.	3.7	59
504	New insight into the distribution pattern, levels, and risk diagnosis of FRs in indoor and outdoor air at low- and high-altitude zones of Pakistan: Implications for sources and exposure. <i>Chemosphere</i> , 2017, 184, 1372-1387.	4.2	12
505	Legacy and emerging halogenated flame retardants in the middle and lower stream of the Yellow River. <i>Science of the Total Environment</i> , 2017, 601-602, 1619-1627.	3.9	19
506	Dietary exposure assessment of Chinese population to tetrabromobisphenol-A, hexabromocyclododecane and decabrominated diphenyl ether: Results of the 5th Chinese Total Diet Study. <i>Environmental Pollution</i> , 2017, 229, 539-547.	3.7	64
507	Flame retardants on the surface of phones and personal computers. <i>Science of the Total Environment</i> , 2017, 609, 541-545.	3.9	27
508	Airborne persistent toxic substances (PTSs) in China: occurrence and its implication associated with air pollution. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 983-999.	1.7	23
509	Biochar based removal of antibiotic sulfonamides and tetracyclines in aquatic environments: A critical review. <i>Bioresource Technology</i> , 2017, 246, 150-159.	4.8	440
510	Photodegradation of some brominated and phenolic micropollutants in raw hospital wastewater with CeO ₂ and TiO ₂ nanoparticles. <i>Water Science and Technology</i> , 2017, 76, 2603-2622.	1.2	14
511	Occurrence and source apportionment of atmospheric halogenated flame retardants in Lhasa City in the Tibetan Plateau, China. <i>Science of the Total Environment</i> , 2017, 607-608, 1109-1116.	3.9	21
512	Spatiotemporal analysis of human exposure to halogenated flame retardant chemicals. <i>Science of the Total Environment</i> , 2017, 609, 272-276.	3.9	6
513	ET&C Best Paper of 2016. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1693-1694.	2.2	0
514	Environmental exposure to a major urban wastewater effluent: Effects on the energy metabolism of northern pike. <i>Aquatic Toxicology</i> , 2017, 191, 131-140.	1.9	20

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515	Spatiotemporal patterns and relationships among the diet, biochemistry, and exposure to flame retardants in an apex avian predator, the peregrine falcon. <i>Environmental Research</i> , 2017, 158, 43-53.	3.7	35
516	Halogenated Flame Retardants in Predator and Prey Fish From the Laurentian Great Lakes: Age-Dependent Accumulation and Trophic Transfer. <i>Environmental Science & Technology</i> , 2017, 51, 8432-8441.	4.6	36
517	Chemical Contamination of Red Meat. , 2017, , 451-489.		3
518	Organohalogenated contaminants (OHCs) in high-altitude environments: A review and implication for a black carbon relationship. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 1143-1190.	6.6	6
519	Emerging contaminants related to the occurrence of forest fires in the Spanish Mediterranean. <i>Science of the Total Environment</i> , 2017, 603-604, 330-339.	3.9	23
520	Variability and predictors of urinary concentrations of organophosphate flame retardant metabolites among pregnant women in Rhode Island. <i>Environmental Health</i> , 2017, 16, 40.	1.7	74
521	PBDEs and Dechloranes in Raccoons in the Midwestern United States. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 758-762.	1.3	5
522	Estimation of human exposure to halogenated flame retardants through dermal adsorption by skin wipe. <i>Chemosphere</i> , 2017, 168, 272-278.	4.2	39
523	Analysis of brominated flame retardants and their derivatives by atmospheric pressure chemical ionization using gas chromatography coupled to tandem quadrupole mass spectrometry. <i>Talanta</i> , 2017, 162, 618-624.	2.9	24
524	Analysis of bromophenols in various aqueous samples using solid phase extraction followed by HPLC-MS/MS. <i>Talanta</i> , 2017, 164, 57-63.	2.9	29
526	Relationships between estimated flame retardant emissions and levels in indoor air and house dust. <i>Indoor Air</i> , 2017, 27, 650-657.	2.0	16
527	The biological fate of decabromodiphenyl ethane following oral, dermal or intravenous administration. <i>Xenobiotica</i> , 2017, 47, 894-902.	0.5	12
528	An effective clean-up technique for GC/EL-HRMS determination of developmental neurotoxicants in human breast milk. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1311-1322.	1.9	17
529	Contamination of ivory gulls (<i>Pagophila eburnea</i>) at four colonies in Svalbard in relation to their trophic behaviour. <i>Polar Biology</i> , 2017, 40, 917-929.	0.5	13
530	Polybrominated diphenyl ethers in plastic products, indoor dust, sediment and fish from informal e-waste recycling sites in Vietnam: a comprehensive assessment of contamination, accumulation pattern, emissions, and human exposure. <i>Environmental Geochemistry and Health</i> , 2017, 39, 935-954.	1.8	60
531	Review of emerging contaminants in aquatic biota from Latin America: 2002-2016. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1716-1727.	2.2	51
532	Legacy and emerging flame retardants (FRs) in the freshwater ecosystem: A review. <i>Environmental Research</i> , 2017, 152, 26-42.	3.7	113
533	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

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534	Morphology control of zinc hydroxystannate microcapsules by sol-gel method and their enhanced flame retardancy properties for polyvinyl chloride composites. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 442-451.	1.1	14
535	Perfluorinated alkylated substances and brominated flame retardants in serum of the Czech adult population. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 235-243.	2.1	39
536	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. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1323-1332.	1.9	84
537	Screening for halogenated flame retardants in European consumer products, building materials and wastes. <i>Chemosphere</i> , 2017, 168, 457-466.	4.2	54
538	Occurrence of PBDEs and alternative halogenated flame retardants in sewage sludge from the industrial city of Guangzhou, China. <i>Environmental Pollution</i> , 2017, 220, 63-71.	3.7	29
539	Brominated flame retardant: environmental and exposed individuals' health impact. <i>Annales De Biologie Clinique</i> , 2017, 75, 146-157.	0.2	3
540	Flame Retardants in Wild Bird Eggs and in Relation to Eggs in the Human Food Supply. , 2017, , 475-483.		0
541	Hypophosphite/Graphitic Carbon Nitride Hybrids: Preparation and Flame-Retardant Application in Thermoplastic Polyurethane. <i>Nanomaterials</i> , 2017, 7, 259.	1.9	67
542	Distribution of Polybrominated Diphenyl Ethers in Sewage Sludge, Sediments, and Fish from Latvia. <i>Environments - MDPI</i> , 2017, 4, 12.	1.5	6
543	Rubber Materials Development in Hydraulic Hose. <i>Nippon Gomu Kyokaishi</i> , 2017, 90, 439-443.	0.0	0
544	Screening of organic flame retardants in Swedish river water. <i>Science of the Total Environment</i> , 2018, 625, 1046-1055.	3.9	72
545	Alternative Flame Retardant, 2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine, in an E-waste Recycling Facility and House Dust in North America. <i>Environmental Science & Technology</i> , 2018, 52, 3599-3607.	4.6	30
546	PBDEs and Dechlorane Plus in the environment of Guiyu, Southeast China: A historical location for E-waste recycling (2004, 2014). <i>Chemosphere</i> , 2018, 199, 603-611.	4.2	30
547	Traditional and novel halogenated flame retardants in urban ambient air: Gas-particle partitioning, size distribution and health implications. <i>Science of the Total Environment</i> , 2018, 630, 154-163.	3.9	47
548	Polybrominated diphenyl ethers (PBDEs) levels in blood samples from children living in the metropolitan area of Guadalajara, Jalisco, Mexico. <i>International Journal of Environmental Health Research</i> , 2018, 28, 90-101.	1.3	7
549	A review on computer waste with its special insight to toxic elements, segregation and recycling techniques. <i>Chemical Engineering Research and Design</i> , 2018, 116, 477-493.	2.7	41
550	Human exposure to brominated flame retardants through dust in different indoor environments: Identifying the sources of concentration differences in hair from men and women. <i>Chemosphere</i> , 2018, 205, 71-79.	4.2	26
551	Halogenated flame retardants (HFRs) and water-soluble ions (WSIs) in fine particulate matter (PM _{2.5}) in three regions of South China. <i>Environmental Pollution</i> , 2018, 238, 823-832.	3.7	22

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552	Preparation of modified fly ash hollow glass microspheres using ionic liquids and its flame retardancy in thermoplastic polyurethane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 1471-1480.	2.0	18
553	Temporal trends of halogenated flame retardants in the atmosphere of the Canadian Great Lakes Basin (2005–2014). <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 469-479.	1.7	19
554	Semivolatile Organic Compounds (SOCs) in Fine Particulate Matter (PM _{2.5}) during Clear, Fog, and Haze Episodes in Winter in Beijing, China. <i>Environmental Science & Technology</i> , 2018, 52, 5199-5207.	4.6	39
555	Theoretical study on the reactions of a series of polybromobenzenes with OH radicals: mechanism, kinetics, and QSAR. <i>Canadian Journal of Chemistry</i> , 2018, 96, 436-446.	0.6	0
556	Deca-BDE and alternative halogenated flame retardants in a wastewater treatment plant in Harbin (2009–2016): Occurrence, temporal trends, seasonal variation, and fate. <i>Science of the Total Environment</i> , 2018, 625, 1156-1163.	3.9	29
557	Analytical challenges to determine emerging persistent organic pollutants in aquatic ecosystems. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 137-155.	5.8	95
558	Level changes and human dietary exposure assessment of halogenated flame retardant levels in free-range chicken eggs: A case study of a former e-waste recycling site, South China. <i>Science of the Total Environment</i> , 2018, 634, 509-515.	3.9	33
559	Bioaccumulation of Persistent Halogenated Organic Pollutants in Insects: Common Alterations to the Pollutant Pattern for Different Insects during Metamorphosis. <i>Environmental Science & Technology</i> , 2018, 52, 5145-5153.	4.6	35
560	Levels, occurrence and human exposure to novel brominated flame retardants (NBFRs) and Dechlorane Plus (DP) in dust from different indoor environments in Hangzhou, China. <i>Science of the Total Environment</i> , 2018, 631-632, 1212-1220.	3.9	30
561	Household Dust as a Repository of Chemical Accumulation: New Insights from a Comprehensive High-Resolution Mass Spectrometric Study. <i>Environmental Science & Technology</i> , 2018, 52, 2878-2887.	4.6	88
562	Legacy and emerging brominated flame retardants in China: A review on food and human milk contamination, human dietary exposure and risk assessment. <i>Chemosphere</i> , 2018, 198, 522-536.	4.2	97
563	Sorption and bioaccumulation behavior of multi-class hydrophobic organic contaminants in a tropical marine food web. <i>Chemosphere</i> , 2018, 199, 44-53.	4.2	43
564	Concentrations of legacy and novel brominated flame retardants in indoor dust in Melbourne, Australia: An assessment of human exposure. <i>Environment International</i> , 2018, 113, 191-201.	4.8	68
565	Global Atmospheric Concentrations of Brominated and Chlorinated Flame Retardants and Organophosphate Esters. <i>Environmental Science & Technology</i> , 2018, 52, 2777-2789.	4.6	104
566	Trends in bond dissociation energies of brominated flame retardants from density functional theory. <i>Structural Chemistry</i> , 2018, 29, 921-927.	1.0	7
567	Ultrasensitive determination of highly polar trimethyl phosphate in environmental water by molecularly imprinted polymeric fiber headspace solid-phase microextraction. <i>Journal of Separation Science</i> , 2018, 41, 1104-1111.	1.3	18
568	Exposure to polybrominated diphenyl ethers (PBDEs) and child behavior: Current findings and future directions. <i>Hormones and Behavior</i> , 2018, 101, 94-104.	1.0	95
569	Determination of legacy and novel brominated flame retardants in dust from end of life office equipment and furniture from Pretoria, South Africa. <i>Science of the Total Environment</i> , 2018, 622-623, 275-281.	3.9	16

#	ARTICLE	IF	CITATIONS
571	Global occurrence of polybrominated diphenyl ethers and their hydroxylated and methoxylated structural analogues in an important animal feed (fishmeal). <i>Environmental Pollution</i> , 2018, 234, 620-629.	3.7	32
572	Urinary metabolites of organophosphate esters in children in South China: Concentrations, profiles and estimated daily intake. <i>Environmental Pollution</i> , 2018, 235, 358-364.	3.7	67
573	Impact of particle size on distribution and human exposure of flame retardants in indoor dust. <i>Environmental Research</i> , 2018, 162, 166-172.	3.7	54
574	Enhanced effects of ionic liquid and gold nanoballs on the photoelectrochemical sensing performance of WS2 nanosheets towards 2,4,6-tribromophenol. <i>Electrochimica Acta</i> , 2018, 271, 551-559.	2.6	15
575	Halogenated flame retardants in building and decoration materials in China: Implications for human exposure via inhalation and dust ingestion. <i>Chemosphere</i> , 2018, 203, 291-299.	4.2	18
576	Metabolites of organophosphate ester flame retardants in urine from Shanghai, China. <i>Environmental Research</i> , 2018, 164, 507-515.	3.7	54
577	Trophodynamics of Emerging Brominated Flame Retardants in the Aquatic Food Web of Lake Taihu: Relationship with Organism Metabolism across Trophic Levels. <i>Environmental Science & Technology</i> , 2018, 52, 4632-4640.	4.6	71
578	Bioremediation of triphenyl phosphate by <i>Brevibacillus brevis</i> : Degradation characteristics and role of cytochrome P450 monooxygenase. <i>Science of the Total Environment</i> , 2018, 627, 1389-1395.	3.9	57
579	Association between serum polybrominated diphenyl ethers, new flame retardants and thyroid hormone levels for school students near a petrochemical complex, South China. <i>Chemosphere</i> , 2018, 202, 476-482.	4.2	38
580	An ultrasensitive competitive immunosensor using silica nanoparticles as an enzyme carrier for simultaneous impedimetric detection of tetrabromobisphenol A bis(2-hydroxyethyl) ether and tetrabromobisphenol A mono(hydroxyethyl) ether. <i>Biosensors and Bioelectronics</i> , 2018, 105, 77-80.	5.3	26
581	Brominated Flame Retardants and Organophosphate Esters in Preschool Dust and Children's Hand Wipes. <i>Environmental Science & Technology</i> , 2018, 52, 4878-4888.	4.6	91
582	Currently used organophosphate flame retardants determined in the settled dust of masjids and hotels of Saudi Arabia, a new insight into human health implications of dust exposure. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 798-805.	1.7	9
583	Polychlorinated biphenyls (PCBs) and halogenated flame retardants (HFRs) in multi-matrices from an electronic waste (e-waste) recycling site in Northern China. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 80-90.	1.6	47
584	Brominated flame retardants and dechlorane plus on a remote high mountain of the eastern Tibetan Plateau: implications for regional sources and environmental behaviors. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1887-1897.	1.8	17
585	From headwaters to estuary: Distribution and fate of halogenated flame retardants (HFRs) in a river basin near the largest HFR manufacturing base in China. <i>Science of the Total Environment</i> , 2018, 621, 1370-1377.	3.9	40
586	TBBPA disposition and kinetics in pregnant and nursing Wistar Han IGS rats. <i>Chemosphere</i> , 2018, 192, 5-13.	4.2	31
587	High levels of medium-chain chlorinated paraffins and polybrominated diphenyl ethers on the inside of several household baking oven doors. <i>Science of the Total Environment</i> , 2018, 615, 1019-1027.	3.9	44
588	Functionalized graphene with DOPO based organic/inorganic flame retardants: Preparation and its reinforcements on the flame retardancy of polyurea composites. <i>Polymer Composites</i> , 2018, 39, 4637-4645.	2.3	6

#	ARTICLE	IF	CITATIONS
589	Improving the Flame Retardancy and Smoke Suppression Properties of Polyurethane Foams with SiO ₂ Microcapsule and its Flame-Retardant Mechanism. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 1139-1149.	1.9	13
590	Synthesis of microencapsulated zinc stannate and its application in flame-retardant poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 11	0.9	13
591	Halogenated and organophosphorus flame retardants in European aquaculture samples. <i>Science of the Total Environment</i> , 2018, 612, 492-500.	3.9	82
592	Mechanism insights into the oxidative degradation of decabromodiphenyl ethane by potassium permanganate in acidic conditions. <i>Chemical Engineering Journal</i> , 2018, 332, 267-276.	6.6	50
593	Legacy and novel brominated flame retardants in indoor dust from Beijing, China: Occurrence, human exposure assessment and evidence for PBDEs replacement. <i>Science of the Total Environment</i> , 2018, 618, 48-59.	3.9	84
594	Photolysis of highly brominated flame retardants leads to time-dependent dioxin-responsive mRNA expression in chicken embryonic hepatocytes. <i>Chemosphere</i> , 2018, 194, 352-359.	4.2	13
595	Fast trace determination of nine odorant and estrogenic chloro- and bromo-phenolic compounds in real water samples through automated solid-phase extraction coupled with liquid chromatography tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3813-3822.	2.7	34
596	Determination of halogenated flame retardants by GC-API-MS/MS and GC-EI-MS: a multi-compound multi-matrix method. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1375-1387.	1.9	17
597	Bioaccumulation of persistent and emerging pollutants in wild sea urchin <i>Paracentrotus lividus</i> . <i>Environmental Research</i> , 2018, 161, 354-363.	3.7	47
598	Regulated and Unregulated Halogenated Flame Retardants in Peregrine Falcon Eggs from Greenland. <i>Environmental Science & Technology</i> , 2018, 52, 474-483.	4.6	18
599	Occurrence of selected halogenated flame retardants in Belgian foodstuff. <i>Chemosphere</i> , 2018, 194, 256-265.	4.2	36
600	Legacy and emerging organohalogenated contaminants in wild edible aquatic organisms: Implications for bioaccumulation and human exposure. <i>Science of the Total Environment</i> , 2018, 616-617, 38-45.	3.9	27
601	Environmental concentration and atmospheric deposition of halogenated flame retardants in soil from Nepal: Source apportionment and soil-air partitioning. <i>Environmental Pollution</i> , 2018, 233, 642-654.	3.7	29
602	Exposure to organophosphate flame retardant chemicals in the U.S. general population: Data from the 2013-2014 National Health and Nutrition Examination Survey. <i>Environment International</i> , 2018, 110, 32-41.	4.8	165
603	Halogenated flame retardants (HFRs) in surface sediment from the Pearl River Delta region and Mirs Bay, South China. <i>Marine Pollution Bulletin</i> , 2018, 129, 899-904.	2.3	29
604	Biotin-streptavidin system-based real-time immuno-polymerase chain reaction for sensitive detection of 2,2,4,4-tetrabromodiphenyl ether in marine fish. <i>Food and Agricultural Immunology</i> , 2018, 29, 1012-1027.	0.7	0
605	Synthetic Musk: A Class of Commercial Fragrance Additives in Personal Care Products (PCPs) Causing Concern as Emerging Contaminants. <i>Advances in Marine Biology</i> , 2018, 81, 213-280.	0.7	16
606	Catalytic de-halogenation of alkyl halides by copper surfaces. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 7214-7224.	3.3	5

#	ARTICLE	IF	CITATIONS
607	Brominated Flame Retardants, Microplastics, and Biocides in the Marine Environment: Recent Updates of Occurrence, Analysis, and Impacts. <i>Advances in Marine Biology</i> , 2018, 81, 167-211.	0.7	15
608	Variability of release rate of flame retardants in wastewater treatment plants. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34740-34752.	2.7	4
609	Mass defect filtering for suspect screening of halogenated environmental chemicals: A case study of chlorinated organophosphate flame retardants. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 503-519.	0.7	5
610	Removal of a potentially hazardous chemical, tetrakis (hydroxymethyl) phosphonium chloride from water using biochar as a medium of adsorption. <i>Environmental Technology and Innovation</i> , 2018, 12, 196-210.	3.0	21
611	Determination of polybrominated diphenyl ethers and novel brominated flame retardants in human serum by gas chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1099, 64-72.	1.2	19
612	Hexabromocyclododecane: concentrations and isomer profiles from sources to environmental sinks. <i>Environmental Science and Pollution Research</i> , 2018, 25, 36624-36635.	2.7	13
613	Human Sex Hormone Disrupting Effects of New Flame Retardants and Their Interactions with Polychlorinated Biphenyls, Polybrominated Diphenyl Ethers, a Case Study in South China. <i>Environmental Science & Technology</i> , 2018, 52, 13935-13941.	4.6	31
614	Analysis of halogenated flame retardants in Canadian wastewater treatment plants using gas chromatography-tandem mass spectrometry (GC-MS/MS). <i>Water Quality Research Journal of Canada</i> , 2018, 53, 167-180.	1.2	5
615	Theoretical investigation of the mechanism for the reductive dehalogenation of methyl halides mediated by the CoI-based compounds cobalamin and cobaloxime. <i>Journal of Molecular Modeling</i> , 2018, 24, 316.	0.8	8
616	Perinatal exposure to low-dose decabromodiphenyl ethane increased the risk of obesity in male mice offspring. <i>Environmental Pollution</i> , 2018, 243, 553-562.	3.7	27
617	Evaluating the Use of Silicone Wristbands To Measure Personal Exposure to Brominated Flame Retardants. <i>Environmental Science & Technology</i> , 2018, 52, 11875-11885.	4.6	58
618	Combined toxicity of organophosphate flame retardants and cadmium to <i>Corbicula fluminea</i> in aquatic sediments. <i>Environmental Pollution</i> , 2018, 243, 645-653.	3.7	38
619	Maternal Transfer of Flame Retardants in Sharks from the Western North Atlantic Ocean. <i>Environmental Science & Technology</i> , 2018, 52, 12978-12986.	4.6	17
620	Enantioselectivity in biotransformation and bioaccumulation processes of typical chiral contaminants. <i>Environmental Pollution</i> , 2018, 243, 1274-1286.	3.7	34
621	Dispersive solid-phase extraction based on MoS ₂ /carbon dot composite combined with HPLC to determine brominated flame retardants in water. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7337-7346.	1.9	34
622	Phototransformation of Plastic Containing Brominated Flame Retardants: Enhanced Fragmentation and Release of Photoproducts to Water and Air. <i>Environmental Science & Technology</i> , 2018, 52, 11123-11131.	4.6	74
623	Occurrence of legacy and novel brominated flame retardants in food and feed in France for the period 2014 to 2016. <i>Chemosphere</i> , 2018, 207, 497-506.	4.2	40
624	Unusually high Deca-BDE concentrations and new flame retardants in a Canadian Arctic top predator, the glaucous gull. <i>Science of the Total Environment</i> , 2018, 639, 977-987.	3.9	42

#	ARTICLE	IF	CITATIONS
625	Brominated flame retardants: Recommendation for different listing under the Hong Kong Convention. <i>Science of the Total Environment</i> , 2018, 636, 919-926.	3.9	7
626	Effect of the flame retardant tris (1,3-dichloro-2-propyl) phosphate (TDCPP) on Na ⁺ -K ⁺ -ATPase and Cl ⁻ transport in HeLa cells. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 599-606.	1.3	4
627	Small-scale spatial variability of flame retardants in indoor dust and implications for dust sampling. <i>Chemosphere</i> , 2018, 206, 132-141.	4.2	22
628	Atmospheric Concentrations of New Persistent Organic Pollutants and Emerging Chemicals of Concern in the Group of Latin America and Caribbean (GRULAC) Region. <i>Environmental Science & Technology</i> , 2018, 52, 7240-7249.	4.6	40
629	Halogenated organic pollutants in aquatic, amphibious, and terrestrial organisms from an e-waste site: Habitat-dependent accumulation and maternal transfer in watersnake. <i>Environmental Pollution</i> , 2018, 241, 1063-1070.	3.7	41
630	Challenges in the Analysis of Novel Flame Retardants in Indoor Dust: Results of the INTERFLAB 2 Interlaboratory Evaluation. <i>Environmental Science & Technology</i> , 2018, 52, 9295-9303.	4.6	11
631	Sex-specific responses in neuroanatomy of hatchling American kestrels in response to embryonic exposure to the flame retardants bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate and 2-ethylhexyl-2,3,4,5-tetrabromobenzoate. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 3032-3040.	2.2	18
632	Multigenerational Effects and Demographic Responses of Zebrafish (<i>Danio rerio</i>) Exposed to Organo-Bromine Compounds. <i>Environmental Science & Technology</i> , 2018, 52, 8764-8773.	4.6	14
633	Spatial Distribution of Novel and Legacy Brominated Flame Retardants in Soils Surrounding Two Australian Electronic Waste Recycling Facilities. <i>Environmental Science & Technology</i> , 2018, 52, 8194-8204.	4.6	65
634	Flame Inhibition Chemistry: Rate Coefficients of the Reactions of HBr with CH ₃ and OH Radicals at High Temperatures Determined by Quasiclassical Trajectory Calculations. <i>Energy & Fuels</i> , 2018, 32, 10100-10105.	2.5	15
635	Genomic instability in adult men involved in processing electronic waste in Northern China. <i>Environment International</i> , 2018, 117, 69-81.	4.8	38
636	Potential of wheat (<i>Triticum aestivum</i> L.) and pea (<i>Pisum sativum</i>) for remediation of soils contaminated with bromides and PAHs. <i>International Journal of Phytoremediation</i> , 2018, 20, 560-566.	1.7	12
637	The occurrence of brominated flame retardants in the atmosphere of Gauteng Province, South Africa using polyurethane foam passive air samplers and assessment of human exposure. <i>Environmental Pollution</i> , 2018, 242, 1894-1903.	3.7	17
638	Estimation of Exposure to Organic Flame Retardants via Hand Wipe, Surface Wipe, and Dust: Comparability of Different Assessment Strategies. <i>Environmental Science & Technology</i> , 2018, 52, 9946-9953.	4.6	52
639	Phototransformation of 2,3-Dibromopropyl-2,4,6-tribromophenyl ether (DPTE) in Natural Waters: Important Roles of Dissolved Organic Matter and Chloride Ion. <i>Environmental Science & Technology</i> , 2018, 52, 10490-10499.	4.6	73
640	Changes in thyroid axis responses in two ring-billed gull sub-populations differentially exposed to halogenated flame retardants. <i>Chemosphere</i> , 2018, 211, 844-854.	4.2	8
641	Simple and fast method for the measurement of legacy and novel brominated flame retardants in human serum. <i>Chemosphere</i> , 2018, 211, 918-925.	4.2	15
642	Bioaccumulation and effects of dietary exposure to the alternative flame retardant, bis(2-ethylhexyl) tetrabromophthalate (TBPH), in the Atlantic killifish, <i>Fundulus heteroclitus</i> . <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2350-2360.	2.2	7

#	ARTICLE	IF	CITATIONS
643	Emissions of selected brominated flame retardants from consumer materials: the effects of content, temperature, and timescale. <i>Environmental Science and Pollution Research</i> , 2018, 25, 24201-24209.	2.7	16
644	A novel and sensitive chemiluminescence immunoassay based on AuNCs@pepsin@luminol for simultaneous detection of tetrabromobisphenol A bis(2-hydroxyethyl) ether and tetrabromobisphenol A mono(hydroxyethyl) ether. <i>Analytica Chimica Acta</i> , 2018, 1035, 168-174.	2.6	21
645	White-tailed eagle (<i>Haliaeetus albicilla</i>) feathers from Norway are suitable for monitoring of legacy, but not emerging contaminants. <i>Science of the Total Environment</i> , 2019, 647, 525-533.	3.9	40
646	Brominated and organophosphate flame retardants along a sediment transect encompassing the Guiyu, China e-waste recycling zone. <i>Science of the Total Environment</i> , 2019, 646, 58-67.	3.9	113
647	Flame retardancy and thermal degradation properties of polypropylene/wood flour composite modified with aluminum hypophosphite/melamine cyanurate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 3085-3093.	2.0	31
648	Thyroid function disruptors: from nature to chemicals. <i>Journal of Molecular Endocrinology</i> , 2019, 62, R1-R19.	1.1	35
649	Abiotic Methylation of Tetrabromobisphenol A (TBBPA) with the Occurrence of Methyl Iodide in Aqueous Environments. <i>Environmental Science and Technology Letters</i> , 2019, 6, 558-564.	3.9	9
650	Tetrabromobisphenol-A-Bis(dibromopropyl ether) Flame Retardant in Eggs, Regurgitates, and Feces of Herring Gulls from Multiple North American Great Lakes Locations. <i>Environmental Science & Technology</i> , 2019, 53, 9564-9571.	4.6	11
651	Tetrabromobisphenol A: Disposition, kinetics and toxicity in animals and humans. <i>Environmental Pollution</i> , 2019, 253, 909-917.	3.7	72
652	Distribution of flame retardants in smartphones and identification of current-use organic chemicals including three novel aryl organophosphate esters. <i>Science of the Total Environment</i> , 2019, 693, 133654.	3.9	29
653	Fuzzy risk assessment of modified polychlorinated naphthalenes for enhanced degradation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 25142-25153.	2.7	7
654	Polybrominated diphenyl ethers and novel brominated flame retardants in human milk from the general population in Beijing, China: Occurrence, temporal trends, nursing infants' exposure and risk assessment. <i>Science of the Total Environment</i> , 2019, 689, 278-286.	3.9	43
655	Brominated and organophosphorus flame retardants in South African indoor dust and cat hair. <i>Environmental Pollution</i> , 2019, 253, 120-129.	3.7	38
656	Disruption of thyroid hormone regulated proteins and gene expression by polychlorinated biphenyls, polybrominated diphenyl ethers and new flame retardants in residents of an e-waste region. <i>Environmental Pollution</i> , 2019, 254, 112925.	3.7	20
657	Purification, molecular characterization and metabolic mechanism of an aerobic tetrabromobisphenol A dehalogenase, a key enzyme of halorespiration in <i>Ochrobactrum</i> sp. T. <i>Chemosphere</i> , 2019, 237, 124461.	4.2	11
658	Identifying further chemicals of emerging arctic concern based on <i>in silico</i> ™ screening of chemical inventories. <i>Emerging Contaminants</i> , 2019, 5, 201-210.	2.2	35
659	Current-use halogenated and organophosphorous flame retardants: A review of their presence in Arctic ecosystems. <i>Emerging Contaminants</i> , 2019, 5, 179-200.	2.2	41
660	Short- and medium-chain chlorinated paraffins in commercial rubber track products and raw materials. <i>Journal of Hazardous Materials</i> , 2019, 380, 120854.	6.5	32

#	ARTICLE	IF	CITATIONS
661	The occurrence of polybrominated diphenyl ether (PBDE) contamination in soil, water/sediment, and air. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23219-23241.	2.7	61
662	Halogenated Organic Pollutant Residuals in Human Bared and Clothing-Covered Skin Areas: Source Differentiation and Comprehensive Health Risk Assessment. <i>Environmental Science & Technology</i> , 2019, 53, 14700-14708.	4.6	31
663	Physiochemical Properties and Environmental Levels of Legacy and Novel Brominated Flame Retardants. , 2019, , .		2
664	Thyroid function and decabromodiphenyl ethane (DBDPE) exposure in Chinese adults from a DBDPE manufacturing area. <i>Environment International</i> , 2019, 133, 105179.	4.8	35
665	Emissions and Occupational Exposure Risk of Halogenated Flame Retardants from Primitive Recycling of E-Waste. <i>Environmental Science & Technology</i> , 2019, 53, 12495-12505.	4.6	31
666	Persistent organic pollutants (POPs) in oriental magpie-robins from e-waste, urban, and rural sites: Site-specific biomagnification of POPs. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109758.	2.9	13
667	A Review of Environmental Occurrence, Fate, and Toxicity of Novel Brominated Flame Retardants. <i>Environmental Science & Technology</i> , 2019, 53, 13551-13569.	4.6	205
668	Novel and legacy flame retardants in paired human fingernails and indoor dust samples. <i>Environment International</i> , 2019, 133, 105227.	4.8	26
669	Toxicological, gene expression and histopathological evaluations of environmentally realistic concentrations of polybrominated diphenyl ethers PBDE- 47, PBDE-99 and PBDE-209 on zebrafish embryos. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109566.	2.9	45
670	Review on soft polyurethane flame retardant. <i>Construction and Building Materials</i> , 2019, 227, 116673.	3.2	62
671	Prioritization of hazards of novel flame retardants using the mechanistic toxicology information from ToxCast and Adverse Outcome Pathways. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	43
672	Assess flame retardants with careâ€™Response. <i>Science</i> , 2019, 365, 993-993.	6.0	4
673	A novel non-covalent functionalized multi-walled carbon nanotubes for the microextraction of bromophenols in kelp and seaweed. <i>Microchemical Journal</i> , 2019, 151, 104205.	2.3	14
674	Integrated exposure assessment of northern goshawk (<i>Accipiter gentilis</i>) nestlings to legacy and emerging organic pollutants using non-destructive samples. <i>Environmental Research</i> , 2019, 178, 108678.	3.7	25
675	Fast gas chromatography-atmospheric pressure (photo)ionization mass spectrometry of polybrominated diphenylether flame retardants. <i>Analytica Chimica Acta</i> , 2019, 1056, 70-78.	2.6	23
676	Spatial and Temporal Trends (2004â€™2016) of Selected Alternative Flame Retardants in Fish of the Laurentian Great Lakes. <i>Environmental Science & Technology</i> , 2019, 53, 1786-1796.	4.6	12
677	Natural Keratin and Coconut Fibres from Industrial Wastes in Flame Retarded Thermoplastic Starch Biocomposites. <i>Materials</i> , 2019, 12, 344.	1.3	40
678	Flame-retarding nanoparticles as the compatibilizers for immiscible polymer blends: simultaneously enhanced mechanical performance and flame retardancy. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4903-4912.	5.2	61

#	ARTICLE	IF	CITATIONS
679	Concentration, uptake and human dietary intake of novel brominated flame retardants in greenhouse and conventional vegetables. <i>Environment International</i> , 2019, 123, 436-443.	4.8	32
680	The role of analytical chemistry in exposure science: Focus on the aquatic environment. <i>Chemosphere</i> , 2019, 222, 564-583.	4.2	87
681	Organohalogenated Flame Retardants and Organophosphate Esters in Office Air and Dust from Sweden. <i>Environmental Science & Technology</i> , 2019, 53, 2124-2133.	4.6	58
682	Legacy PBDEs and NBRs in sediments of the tidal River Thames using liquid chromatography coupled to a high resolution accurate mass Orbitrap mass spectrometer. <i>Science of the Total Environment</i> , 2019, 658, 1355-1366.	3.9	36
683	Levels, distributions, and ecological risk assessments of polybrominated diphenyl ethers and alternative flame retardants in river sediments from Vaal River, South Africa. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7156-7163.	2.7	28
684	Occurrence, levels and profiles of brominated flame retardants in daily-use consumer products on the Chinese market. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 446-455.	1.7	16
685	Associations between organohalogen exposure and thyroid- and steroid-related gene responses in St. Lawrence Estuary belugas and minke whales. <i>Marine Pollution Bulletin</i> , 2019, 145, 174-184.	2.3	22
686	A novel phosphorus/nitrogen-containing polycarboxylic acid endowing epoxy resin with excellent flame retardance and mechanical properties. <i>Chemical Engineering Journal</i> , 2019, 375, 121916.	6.6	160
687	Organophosphate flame retardants (OPFRs) induce genotoxicity in vivo: A survey on apoptosis, DNA methylation, DNA oxidative damage, liver metabolites, and transcriptomics. <i>Environment International</i> , 2019, 130, 104914.	4.8	74
688	A Review of a Class of Emerging Contaminants: The Classification, Distribution, Intensity of Consumption, Synthesis Routes, Environmental Effects and Expectation of Pollution Abatement to Organophosphate Flame Retardants (OPFRs). <i>International Journal of Molecular Sciences</i> , 2019, 20, 2874.	1.8	139
689	Solid-phase extraction of seventeen alternative flame retardants in water as determined by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1602, 64-73.	1.8	22
690	Occupational exposure to polybrominated diphenyl ethers or decabromodiphenyl ethane during chemical manufacturing: Occurrence and health risk assessment. <i>Chemosphere</i> , 2019, 231, 385-392.	4.2	31
691	Occurrence of legacy and emerging organic pollutants in whitemouth croakers from Southeastern Brazil. <i>Science of the Total Environment</i> , 2019, 682, 719-728.	3.9	10
692	Lightweight, Elastomeric, and Flame-Retardant Foams from Expanded Chlorinated Polymers. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900145.	1.7	9
693	Bioconcentration, Biotransformation, and Thyroid Endocrine Disruption of Decabromodiphenyl Ethane (Dbdpe), A Novel Brominated Flame Retardant, in Zebrafish Larvae. <i>Environmental Science & Technology</i> , 2019, 53, 8437-8446.	4.6	98
694	Photolytic Transformation Products of Decabromodiphenyl Ethane (DBDPE). <i>Environmental Science & Technology</i> , 2019, 53, 6302-6309.	4.6	17
695	Thermal Degradation and Combustion Behaviors of Polyethylene/Alumina Trihydrate/Graphene Nanoplatelets. <i>Polymers</i> , 2019, 11, 772.	2.0	12
696	Thermal decomposition tandem mass spectrometry for rapid detection of tetrabromobisphenol A bis(allyl ether) in soils. <i>Talanta</i> , 2019, 200, 373-377.	2.9	4

#	ARTICLE	IF	CITATIONS
697	A preliminary screening of HBCD enantiomers transported by microplastics in wastewater treatment plants. <i>Science of the Total Environment</i> , 2019, 674, 171-178.	3.9	73
698	Stereoisomer-specific occurrence, distribution, and fate of chiral brominated flame retardants in different wastewater treatment systems in Hong Kong. <i>Journal of Hazardous Materials</i> , 2019, 374, 211-218.	6.5	23
699	Contaminant and Environmental Influences on Thyroid Hormone Action in Amphibian Metamorphosis. <i>Frontiers in Endocrinology</i> , 2019, 10, 276.	1.5	54
700	In ovo exposure to brominated flame retardants Part I: Assessment of effects of TBBPA-BDBPE on survival, morphometric and physiological endpoints in zebra finches. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 104-110.	2.9	4
701	In ovo exposure to brominated flame retardants Part II: Assessment of effects of TBBPA-BDBPE and BTBPE on hatching success, morphometric and physiological endpoints in American kestrels. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 151-159.	2.9	17
702	Linking Molecular Structure via Functional Group to Chemical Literature for Establishing a Reaction Lineage for Application to Alternatives Assessment. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7630-7641.	3.2	3
703	Bioconcentration and biotransformation of organophosphorus flame retardants (PFRs) in common carp (<i>Cyprinus carpio</i>). <i>Environment International</i> , 2019, 126, 512-522.	4.8	47
704	Screening analysis of RoHS directive hazardous substances (phthalate esters and bromodiphenyl) Tj ETQq1 1 0.784314 rgBT 3 Overload 1.1	1.1	3
705	Impact of organic matter and meteorological factors on the long-term trend, seasonality, and gas/particle partitioning behavior of atmospheric PBDEs. <i>Science of the Total Environment</i> , 2019, 659, 1058-1070.	3.9	8
706	Facile Preparation of Novel Ion-Imprinted Polymers for Selective Extraction of Br(I) Ions from Aqueous Solution. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 6670-6678.	1.8	15
707	Seasonal variation and human exposure assessment of legacy and novel brominated flame retardants in PM _{2.5} in different microenvironments in Beijing, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 526-534.	2.9	22
708	Assessment of Occupational Exposure to Organic Flame Retardants: A Systematic Review. <i>Annals of Work Exposures and Health</i> , 2019, 63, 386-406.	0.6	12
709	Pine needles as biomonitors of polybrominated diphenyl ethers and emerging flame retardants in the atmosphere of Shanghai, China: occurrence, spatial distributions, and possible sources. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12171-12180.	2.7	4
710	Evaluation of analytical performance of gas chromatography coupled with atmospheric pressure chemical ionization Fourier transform ion cyclotron resonance mass spectrometry (GC-APCI-FT-ICR-MS) in the target and non-targeted analysis of brominated and chlorinated flame retardants in food. <i>Chemosphere</i> , 2019, 225, 368-377.	4.2	15
711	Air monitoring of polychlorinated biphenyls, polybrominated diphenyl ethers and organochlorine pesticides in West Antarctica during 2011-2017: Concentrations, temporal trends and potential sources. <i>Environmental Pollution</i> , 2019, 249, 381-389.	3.7	50
712	An efficient flame-retardant and smoke-suppressant agent by coated hollow glass microspheres with ammonium molybdophosphate for thermoplastic polyurethane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 1579-1589.	2.0	10
713	Halogenated and organophosphorus flame retardants in cetaceans from the southwestern Indian Ocean. <i>Chemosphere</i> , 2019, 226, 791-799.	4.2	51
714	Degradation of brominated polymeric flame retardants and effects of generated decomposition products. <i>Chemosphere</i> , 2019, 227, 329-333.	4.2	18

#	ARTICLE	IF	CITATIONS
715	Biomagnification of PBDEs and alternative brominated flame retardants in a predatory fish: Using fatty acid signature as a primer. <i>Environment International</i> , 2019, 127, 226-232.	4.8	62
716	Novel brominated flame retardants in house dust from Shanghai, China: levels, temporal variation, and human exposure. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	24
717	Recent electrochemical methods in electrochemical degradation of halogenated organics: a review. <i>Environmental Science and Pollution Research</i> , 2019, 26, 10457-10486.	2.7	75
718	Photodegradation of novel brominated flame retardants (NBFRs) in a liquid system: Kinetics and photoproducts. <i>Chemical Engineering Journal</i> , 2019, 362, 938-946.	6.6	30
719	Temporal variations of PM2.5-bound organophosphate flame retardants in different microenvironments in Beijing, China, and implications for human exposure. <i>Science of the Total Environment</i> , 2019, 666, 226-234.	3.9	27
720	Flame retardant concentrations and profiles in wild birds associated with landfill: A critical review. <i>Environmental Pollution</i> , 2019, 248, 646-658.	3.7	39
721	Persistent and emerging pollutants assessment on aquaculture oysters (<i>Crassostrea gigas</i>) from NW Portuguese coast (Ria De Aveiro). <i>Science of the Total Environment</i> , 2019, 666, 731-742.	3.9	59
722	Synthesis of a novel intumescent flame retardant based on phosphorus, nitrogen, and silicone, and application in VMQ. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 137, 1549-1557.	2.0	18
723	Framework toward More Sustainable Chemical Synthesis Design—A Case Study of Organophosphates. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6744-6757.	3.2	14
724	Enhanced emissions of brominated flame retardants from indoor sources by direct contact with dust. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 170.	1.3	13
726	Bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate Affects Lipid Metabolism in Zebrafish Larvae via DNA Methylation Modification. <i>Environmental Science & Technology</i> , 2020, 54, 355-363.	4.6	43
727	Identifying and Prioritizing Chemicals with Uncertain Burden of Exposure: Opportunities for Biomonitoring and Health-Related Research. <i>Environmental Health Perspectives</i> , 2019, 127, 126001.	2.8	56
728	Persistent, bioaccumulative, and toxic properties of liquid crystal monomers and their detection in indoor residential dust. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26450-26458.	3.3	76
729	Novel brominated flame retardant (NBFR) concentrations and spatial distributions in global fishmeal. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 306-313.	2.9	22
730	Identification of transformation/degradation products of tetrabromobisphenol A and its derivatives. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 111, 85-99.	5.8	25
731	Evaluation of the bioaccumulation potential of selected alternative brominated flame retardants in marine fish using in vitro metabolic transformation rates. <i>Science of the Total Environment</i> , 2019, 653, 1333-1342.	3.9	16
732	Ecotoxicological characterization of possible degradation products of the polymeric flame retardant —Polymeric FR—using algae and <i>Daphnia</i> OECD tests. <i>Science of the Total Environment</i> , 2019, 656, 101-107.	3.9	15
733	Temporal trends of decabromodiphenyl ether and emerging brominated flame retardants in dust, air and window surfaces of newly built low-energy preschools. <i>Indoor Air</i> , 2019, 29, 263-275.	2.0	10

#	ARTICLE	IF	CITATIONS
734	Polybrominated diphenyl ethers and novel brominated flame retardants in indoor dust of different microenvironments in Beijing, China. <i>Environment International</i> , 2019, 122, 159-167.	4.8	46
735	Decabromodiphenyl ether exacerbates hyperglycemia in diet-induced obese mice. <i>Toxicology</i> , 2019, 412, 12-18.	2.0	9
736	Trace metals in e-waste lead to serious health risk through consumption of rice growing near an abandoned e-waste recycling site: Comparisons with PBDEs and AHFRs. <i>Environmental Pollution</i> , 2019, 247, 46-54.	3.7	51
737	Degradation of the Polymeric Brominated Flame Retardant "Polymeric FR" by Heat and UV Exposure. <i>Environmental Science & Technology</i> , 2019, 53, 1453-1462.	4.6	21
738	Brominated flame retardants in atmospheric fine particles in the Beijing-Tianjin-Hebei region, China: Spatial and temporal distribution and human exposure assessment. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 181-189.	2.9	24
739	Halogenated organic pollutants in sediments and organisms from mangrove wetlands of the Jiulong River Estuary, South China. <i>Environmental Research</i> , 2019, 171, 145-152.	3.7	33
740	Occurrence of flame retardants in landfills: A case study in Brazil. <i>Environmental Research</i> , 2019, 168, 420-427.	3.7	53
741	Characterization of brominated, chlorinated, and phosphate flame retardants in San Francisco Bay, an urban estuary. <i>Science of the Total Environment</i> , 2019, 652, 212-223.	3.9	87
742	Temporal variations and potential sources of organophosphate esters in PM2.5 in Xinxiang, North China. <i>Chemosphere</i> , 2019, 215, 500-506.	4.2	28
743	Thermal decomposition of brominated flame retardants (BFRs): Products and mechanisms. <i>Progress in Energy and Combustion Science</i> , 2019, 70, 212-259.	15.8	168
744	Measurement of legacy and emerging flame retardants in indoor dust from a rural village (Kopawa) in Nepal: Implication for source apportionment and health risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 304-314.	2.9	40
745	Grain size distribution and exposure evaluation of organophosphorus and brominated flame retardants in indoor and outdoor dust and PM10 from Chengdu, China. <i>Journal of Hazardous Materials</i> , 2019, 365, 280-288.	6.5	45
746	Unraveling the Exposome. , 2019, , .		9
747	The Dust Exposome. , 2019, , 247-254.		4
748	High-performance thin-layer chromatography coupled with HPLC-DAD/HPLC-MS/MS for simultaneous determination of bisphenol A and nine brominated analogs in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 725-734.	1.9	12
749	Release and Transformation of BTBPE During the Thermal Treatment of Flame Retardant ABS Plastics. <i>Environmental Science & Technology</i> , 2019, 53, 185-193.	4.6	40
750	Firefighter hood contamination: Efficiency of laundering to remove PAHs and FRs. <i>Journal of Occupational and Environmental Hygiene</i> , 2019, 16, 129-140.	0.4	41
751	Children's Car Seats Contain Legacy and Novel Flame Retardants. <i>Environmental Science and Technology Letters</i> , 2019, 6, 14-20.	3.9	37

#	ARTICLE	IF	CITATIONS
752	Legacy and alternative flame retardants in house dust and hand wipes from South China. <i>Science of the Total Environment</i> , 2019, 656, 1-8.	3.9	35
753	Size-dependent concentrations and bioaccessibility of organophosphate esters (OPEs) in indoor dust: A comparative study from a megacity and an e-waste recycling site. <i>Science of the Total Environment</i> , 2019, 650, 1954-1960.	3.9	17
754	Is the urban-adapted ring-billed gull a biovector for flame retardants?. <i>Environmental Pollution</i> , 2019, 244, 109-117.	3.7	15
755	Particle-phase concentrations and sources of legacy and novel flame retardants in outdoor and indoor environments across Spain. <i>Science of the Total Environment</i> , 2019, 649, 1541-1552.	3.9	24
756	Environmentally friendly polychlorinated naphthalenes (PCNs) derivatives designed using 3D-QSAR and screened using molecular docking, density functional theory and health-based risk assessment. <i>Journal of Hazardous Materials</i> , 2019, 363, 316-327.	6.5	47
757	Preliminary study of long-range transport of halogenated flame retardants using Antarctic marine mammals. <i>Science of the Total Environment</i> , 2019, 650, 1889-1897.	3.9	24
758	Current trends in analytical strategies for determination of polybrominated diphenyl ethers (PBDEs) in samples with different matrix compositions – Part 1.: Screening of new developments in sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 115255.	5.8	9
759	Organophosphate compounds, polybrominated diphenyl ethers and novel brominated flame retardants in European indoor house dust: Use, evidence for replacements and assessment of human exposure. <i>Journal of Hazardous Materials</i> , 2020, 382, 121009.	6.5	90
760	Modeling the Fate of Chemicals in Products. Springer Theses, 2020, , .	0.0	3
761	Effect of organic grafting expandable graphite on combustion behaviors and thermal stability of low-density polyethylene composites. <i>Polymer Composites</i> , 2020, 41, 719-728.	2.3	10
762	Method optimisation for the simultaneous determination of legacy and emerging halogenated flame retardants in particulate matter collected in an electronic waste recycling facility. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 1479-1496.	1.8	13
763	Evaluation of the QuEChERS and magnetic micro dispersive solid-phase extraction of brominated flame retardants in red fruits with determination by GC/MS. <i>Food Chemistry</i> , 2020, 309, 125572.	4.2	14
764	Concentrations and loadings of organophosphate and replacement brominated flame retardants in house dust from the home study during the PBDE phase-out. <i>Chemosphere</i> , 2020, 239, 124701.	4.2	46
765	Embryonic exposure to pentabromobenzene inhibited the inflation of posterior swim bladder in zebrafish larvae. <i>Environmental Pollution</i> , 2020, 259, 113923.	3.7	7
766	Transcriptomic and Proteomic Responses of the Organohalide-Respiring Bacterium <i>Desulfoluna spongiiphila</i> to Growth with 2,6-Dibromophenol as the Electron Acceptor. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	13
767	Traditional and emerging organophosphate esters (OPEs) in indoor dust of Nanjing, eastern China: Occurrence, human exposure, and risk assessment. <i>Science of the Total Environment</i> , 2020, 712, 136494.	3.9	56
768	Influence of overwinter distribution on exposure to persistent organic pollutants (POPs) in seabirds, ancient murrelets (<i>Synthliboramphus antiquus</i>), breeding on the Pacific coast of Canada. <i>Environmental Pollution</i> , 2020, 259, 113842.	3.7	11
769	Alternative halogenated flame retardants (AHFRs) in green mussels from the south China sea. <i>Environmental Research</i> , 2020, 182, 109082.	3.7	7

#	ARTICLE	IF	CITATIONS
770	Emission characteristics and health risk assessment of VOCs from a food waste anaerobic digestion plant: A case study of Suzhou, China. <i>Environmental Pollution</i> , 2020, 257, 113546.	3.7	38
771	Knowledge and attitudes regarding exposure to brominated flame retardants: a survey of Croatian health care providers. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7683-7692.	2.7	7
772	Polybrominated diphenyl ethers and organophosphate esters flame retardants in play mats from China and the exposure risks for children. <i>Environment International</i> , 2020, 135, 105348.	4.8	30
773	Emerging indoor pollutants. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 224, 113423.	2.1	73
774	Tetrabromobisphenol A and hexabromocyclododecane isomers in breast milk from the general population in Beijing, China: Contamination levels, temporal trends, nursing infant's daily intake, and risk assessment. <i>Chemosphere</i> , 2020, 244, 125524.	4.2	37
775	Bioaccumulation characteristics of PBDEs and alternative brominated flame retardants in a wild frog-eating snake. <i>Environmental Pollution</i> , 2020, 258, 113661.	3.7	18
776	Characteristics of halogenated flame retardants in the atmosphere of Dalian, China. <i>Atmospheric Environment</i> , 2020, 223, 117219.	1.9	5
777	Landfills represent significant atmospheric sources of exposure to halogenated flame retardants for urban-adapted gulls. <i>Environment International</i> , 2020, 135, 105387.	4.8	31
778	Development and application of a novel electrochemical sensor based on AuNPS and difunctional monomer-MIPs for the selective determination of Tetrabromobisphenol-S in water samples. <i>Microchemical Journal</i> , 2020, 154, 104526.	2.3	26
779	Palladium/iron nanoparticles stimulate tetrabromobisphenol a microbial reductive debromination and further mineralization in sediment. <i>Environment International</i> , 2020, 135, 105353.	4.8	26
780	Dietary intake of legacy and emerging halogenated flame retardants using food market basket estimations in Nanjing, eastern China. <i>Environmental Pollution</i> , 2020, 258, 113737.	3.7	23
781	Cytotoxic and genotoxic effects of the flame retardants (PBDE-47, PBDE-99 and PBDE-209) in human bronchial epithelial cells. <i>Chemosphere</i> , 2020, 245, 125600.	4.2	56
782	Worker exposure to flame retardants in manufacturing, construction and service industries. <i>Environment International</i> , 2020, 135, 105349.	4.8	32
783	Investigation of the heterogeneity of bromine in plastic components as an indicator for brominated flame retardants in waste electrical and electronic equipment with regard to recyclability. <i>Journal of Hazardous Materials</i> , 2020, 390, 121899.	6.5	19
784	Occurrence and mass balance of emerging brominated flame retardants in a municipal wastewater treatment plant. <i>Water Research</i> , 2020, 185, 116298.	5.3	24
785	Tannic acid-based prepolymer systems for enhanced intumescence in epoxy thermosets. <i>Green Materials</i> , 2020, 8, 150-161.	1.1	8
786	Aerobic degradation and the effect of hexabromocyclododecane by soil microbial communities in Taiwan. <i>Environment International</i> , 2020, 145, 106128.	4.8	14
787	Brominated flame retardants in home dust and its contribution to brominated flame retardants bioaccumulation in children hair. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 1528-1533.	0.9	2

#	ARTICLE	IF	CITATIONS
788	Structural studies on the endocrine-disrupting role of polybrominated diphenyl ethers (PBDEs) in thyroid diseases. <i>Environmental Science and Pollution Research</i> , 2020, 27, 37866-37876.	2.7	19
789	Occurrence and partitioning of brominated flame retardants (BFRs) in indoor air and dust: a 15-month case study in a test home. <i>Environmental Science and Pollution Research</i> , 2020, 27, 35126-35136.	2.7	8
790	Advanced flame-retardant agents for protective textiles and clothing. , 2020, , 397-414.		3
791	Ecotoxicity assessment and bioconcentration of a highly brominated organophosphate ester flame retardant in two amphibian species. <i>Chemosphere</i> , 2020, 260, 127631.	4.2	6
792	Inevitable human exposure to emissions of polybrominated diphenyl ethers: A perspective on potential health risks. <i>Environmental Pollution</i> , 2020, 266, 115240.	3.7	31
793	Legacy and novel flame retardants in water and sediment from highly industrialized bays of Korea: Occurrence, source tracking, decadal time trend, and ecological risks. <i>Marine Pollution Bulletin</i> , 2020, 160, 111639.	2.3	31
794	BDE-47 exposure modulates cellular responses, oxidative stress and biotransformation related-genes in <i>Mytilus galloprovincialis</i> . <i>Fish and Shellfish Immunology</i> , 2020, 107, 537-546.	1.6	16
795	Developing interim water quality criteria for emerging chemicals of concern for protecting marine life in the Greater Bay Area of South China. <i>Marine Pollution Bulletin</i> , 2020, 161, 111792.	2.3	9
797	Screening of brominated pyrolysis products of tetrabromobisphenol a by integrating controllable heating device with ambient mass spectrometry. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 150, 104896.	2.6	2
798	Tetrabromobisphenol A, terabromobisphenol S and other bromophenolic flame retardants cause cytotoxic effects and induce oxidative stress in human peripheral blood mononuclear cells (in Vitro) Tj ETQq1 1 0.784314 rgBT /Overlo		
799	Brominated flame retardants (BFRs) in Western Australian biosolids and implications for land application. <i>Chemosphere</i> , 2020, 260, 127601.	4.2	12
800	A baseline for POPs contamination in Australian seabirds: little penguins vs. short-tailed shearwaters. <i>Marine Pollution Bulletin</i> , 2020, 159, 111488.	2.3	9
801	Binding and Activity of Tetrabromobisphenol A Mono-Ether Structural Analogs to Thyroid Hormone Transport Proteins and Receptors. <i>Environmental Health Perspectives</i> , 2020, 128, 107008.	2.8	30
802	Reactive and Additive Modifications of Styrenic Polymers with Phosphorus-Containing Compounds and Their Effects on Fire Retardance. <i>Molecules</i> , 2020, 25, 3779.	1.7	14
803	Pentabromoethylbenzene Exposure Induces Transcriptome Aberration and Thyroid Dysfunction: <i>In Vitro</i> , <i>In Silico</i> , and <i>In Vivo</i> Investigations. <i>Environmental Science & Technology</i> , 2020, 54, 12335-12344.	4.6	45
804	Synthesis and Toxicity of Halogenated Bisphenol Monosubstituted Ethers: Establishing a Library for Potential Environmental Transformation Products of Emerging Contaminant. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000481.	1.0	1
805	Organohalogen compounds of emerging concern in Baltic Sea biota: Levels, biomagnification potential and comparisons with legacy contaminants. <i>Environment International</i> , 2020, 144, 106037.	4.8	57
806	Introduction of emerging halogenated flame retardants in the environment. <i>Comprehensive Analytical Chemistry</i> , 2020, 88, 1-39.	0.7	22

#	ARTICLE	IF	CITATIONS
807	Exploring the environmental fate of novel brominated flame retardants in a sediment-water-mudsnail system: Enrichment, removal, metabolism and structural damage. <i>Environmental Pollution</i> , 2020, 265, 114924.	3.7	19
808	Photodegradation of 1,3,5-Tris-(2,3-dibromopropyl)-1,3,5-triazine-2,4,6-trione and decabromodiphenyl ethane flame retardants: Kinetics, Main products, and environmental implications. <i>Journal of Hazardous Materials</i> , 2020, 398, 122983.	6.5	9
809	Use of integrated biomarker response for evaluating antioxidant stress and DNA damage of earthworms (<i>Eisenia fetida</i>) in decabromodiphenyl ethane-contaminated soil. <i>Environmental Pollution</i> , 2020, 264, 114706.	3.7	33
810	TBBPA stimulated cell migration of endometrial cancer via the contribution of NOX-generated ROS in lieu of energy metabolism. <i>Journal of Hazardous Materials</i> , 2020, 400, 123204.	6.5	18
811	Spatial and seasonal occurrence of semi-volatile organic compounds (SVOCs) in fish influenced by snowmelt and municipal effluent discharge. <i>Science of the Total Environment</i> , 2020, 737, 140222.	3.9	0
812	Organic contaminants formed during fire extinguishing using different firefighting methods assessed by nontarget analysis. <i>Environmental Pollution</i> , 2020, 265, 114834.	3.7	9
813	Phosphorization of exfoliated graphite for developing flame retardant ethylene vinyl acetate composites. <i>Journal of Materials Research and Technology</i> , 2020, 9, 7341-7353.	2.6	14
814	Effect of silicon-containing nitrogen and phosphorus flame-retardant system on the mechanical properties and thermal and flame-retardant behaviors of corrugated cardboard. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 2321-2334.	2.0	12
815	Occurrence of Halogenated Pollutants in Domestic and Occupational Indoor Dust. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3813.	1.2	19
816	Are We Exposed to Halogenated Flame Retardants from both Primary and Secondary Sources?. <i>Environmental Science and Technology Letters</i> , 2020, 7, 585-593.	3.9	16
817	Insight into the transplacental transport mechanism of methoxylated polybrominated diphenyl ethers using a BeWo cell monolayer model. <i>Environmental Pollution</i> , 2020, 265, 114836.	3.7	7
818	Legacy and novel brominated flame-retardants in different fish types from inland freshwaters of South Africa: levels, distribution and implications for human health. <i>International Journal of Environmental Health Research</i> , 2022, 32, 321-331.	1.3	7
819	Practical synthesis of phosphonium salts with orthoformates and their application as flame retardants in polycarbonate. <i>Tetrahedron</i> , 2020, 76, 131107.	1.0	6
820	Study on the char-forming and synergistic flame retardant performance of SEBS/HIPS/PPO composites applied for cable. <i>Plastics, Rubber and Composites</i> , 2020, 49, 222-229.	0.9	12
821	Measuring exposure of e-waste dismantlers in Dhaka Bangladesh to organophosphate esters and halogenated flame retardants using silicone wristbands and T-shirts. <i>Science of the Total Environment</i> , 2020, 720, 137480.	3.9	34
822	Effects of brominated and organophosphate ester flame retardants on male reproduction. <i>Andrology</i> , 2020, 8, 915-923.	1.9	40
823	Chemicals of emerging concern in marine specimens of the German Environmental Specimen Bank. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	14
824	Concentrations and distribution of novel brominated flame retardants in the atmosphere and soil of Ny-Ålesund and London Island, Svalbard, Arctic. <i>Journal of Environmental Sciences</i> , 2020, 97, 180-185.	3.2	15

#	ARTICLE	IF	CITATIONS
825	Co-pyrolysis of polyethylene with products from thermal decomposition of brominated flame retardants. <i>Chemosphere</i> , 2020, 254, 126766.	4.2	8
826	Legacy and novel halogenated flame retardants in seawater and atmosphere of the Bohai Sea: Spatial trends, seasonal variations, and influencing factors. <i>Water Research</i> , 2020, 184, 116117.	5.3	28
827	Substrate-oriented selectivity in the Mg-mediated conjugate addition of bromoform to electron-deficient alkenes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5697-5707.	1.5	3
828	Novel trends in the thermo-chemical recycling of plastics from WEEE containing brominated flame retardants. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59190-59213.	2.7	36
829	High-efficient removal of tetrabromobisphenol A in aqueous by dielectric barrier discharge: Performance and degradation pathways. <i>Separation and Purification Technology</i> , 2020, 240, 116615.	3.9	26
830	Adelie penguin colonies as indicators of brominated flame retardants (BFRs) in East Antarctica. <i>Chemosphere</i> , 2020, 250, 126320.	4.2	7
831	Novel brominated flame retardants in West Antarctic atmosphere (2011–2018): Temporal trends, sources and chiral signature. <i>Science of the Total Environment</i> , 2020, 720, 137557.	3.9	29
832	Occurrence, composition and biological risk of organophosphate esters (OPEs) in water of the Pearl River Estuary, South China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14852-14862.	2.7	61
833	Photodecomposition properties of brominated flame retardants (BFRs). <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110272.	2.9	15
834	Metabolomic profiles of the endangered St. Lawrence Estuary beluga population and associations with organohalogen contaminants. <i>Science of the Total Environment</i> , 2020, 717, 137204.	3.9	17
835	Improved QuEChERS for Analysis of Polybrominated Diphenyl Ethers and Novel Brominated Flame Retardants in <i>Capsicum</i> Cultivars Using Gas Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3260-3266.	2.4	18
836	Halogenated flame retardants in atmospheric particles from a North African coastal city (Bizerte, Tunisia). <i>Environmental Science and Pollution Research</i> , 2020, 27, 831-840.	1.8	7
837	Opportunities for evaluating chemical exposures and child health in the United States: the Environmental influences on Child Health Outcomes (ECHO) Program. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 397-419.	1.8	44
838	Accurate Prediction of Gas Chromatographic Retention Times via Density Functional Theory Calculations: A Case Study Using Brominated Flame Retardants. <i>ChemistrySelect</i> , 2020, 5, 2476-2481.	0.7	1
839	Human exposure to legacy and emerging flame retardants in indoor dust: A multiple-exposure assessment of PBDEs. <i>Science of the Total Environment</i> , 2020, 719, 137386.	3.9	58
840	Polybrominated diphenyl ethers and alternative halogenated flame retardants in mangrove plants from Futian National Nature Reserve of Shenzhen City, South China. <i>Environmental Pollution</i> , 2020, 260, 114087.	3.7	24
841	Legacy and Emerging Brominated Flame Retardants in Bizerte Lagoon Murex (<i>Hexaplex Trunculus</i>): Levels and Human Health Risk Assessment. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 78, 337-349.	2.1	9
842	Indoor polybrominated diphenyl ethers in urban China: An exposure and risk assessment based on settled dust from selected urban regions. <i>Science of the Total Environment</i> , 2020, 714, 136808.	3.9	15

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843	Multi-exposures to suspected endocrine disruptors in electronic waste recycling workers: Associations with thyroid and reproductive hormones. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 225, 113445.	2.1	35
844	Airborne brominated, chlorinated and organophosphate ester flame retardants inside the buildings of the Indian state of Bihar: Exploration of source and human exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110212.	2.9	18
845	Wastewater Treatment Lagoons: Local Pathways of Perfluoroalkyl Acids and Brominated Flame Retardants to the Arctic Environment. <i>Environmental Science & Technology</i> , 2020, 54, 6053-6062.	4.6	9
846	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
847	Ratiometric fluorescence immunoassay based on FAM-DNA- α -functionalized CdSe/ZnS QDs for the sensitive detection of tetrabromobisphenol A in foodstuff and the environment. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3605-3613.	1.9	12
848	Current trends in analytical strategies for the determination of polybrominated diphenyl ethers (PBDEs) in samples with different matrix compositions α Part 2: New approaches to PBDEs determination. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 115889.	5.8	3
849	Emission of volatile organic compounds from a small-scale municipal solid waste transfer station: Ozone-formation potential and health risk assessment. <i>Waste Management</i> , 2020, 106, 193-202.	3.7	38
850	Novel brominated flame retardants - A review of their occurrence in indoor air, dust, consumer goods and food. <i>Chemosphere</i> , 2020, 255, 126816.	4.2	95
851	Children's exposure to hazardous brominated flame retardants in plastic toys. <i>Science of the Total Environment</i> , 2020, 720, 137623.	3.9	38
852	Species-specific biomagnification and habitat-dependent trophic transfer of halogenated organic pollutants in insect-dominated food webs from an e-waste recycling site. <i>Environment International</i> , 2020, 138, 105674.	4.8	30
853	Effects of novel brominated flame retardants and metabolites on cytotoxicity in human umbilical vein endothelial cells. <i>Chemosphere</i> , 2020, 253, 126653.	4.2	7
854	Halogenated and organophosphorous flame retardants in surface soils from an e-waste dismantling park and its surrounding area: Distributions, sources, and human health risks. <i>Environment International</i> , 2020, 139, 105741.	4.8	73
855	Concentrations and Long-Term Temporal Trends of Hexabromocyclododecanes (HBCDD) in Lake Trout and Walleye from the Great Lakes. <i>Environmental Science & Technology</i> , 2020, 54, 6134-6141.	4.6	9
856	Distribution and leaching behavior of organophosphorus and brominated flame retardants in soil in Chengdu. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1295-1305.	1.7	17
857	Binding and Metabolism of Brominated Flame Retardant $\hat{1}^2$ -1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane in Human Microsomal P450 Enzymes: Insights from Computational Studies. <i>Chemical Research in Toxicology</i> , 2020, 33, 1487-1496.	1.7	10
858	Sex-Specific Bioamplification of Halogenated Organic Pollutants during Silkworm (<i>Bombyx mori</i>) Larval Development. <i>Environmental Science & Technology</i> , 2020, 54, 8167-8176.	4.6	9
859	Analysis of polybrominated diphenyl ethers, hexabromocyclododecanes, and legacy and emerging phosphorus flame retardants in human hair. <i>Chemosphere</i> , 2021, 262, 127807.	4.2	16
860	Suspect screening analysis in house dust from Belgium using high resolution mass spectrometry; prioritization list and newly identified chemicals. <i>Chemosphere</i> , 2021, 263, 127817.	4.2	28

#	ARTICLE	IF	CITATIONS
861	Tissue distribution and bioaccumulation of organophosphate esters in wild marine fish from Laizhou Bay, North China: Implications of human exposure via fish consumption. <i>Journal of Hazardous Materials</i> , 2021, 401, 123410.	6.5	52
862	Determinants of flame retardants in non-occupationally exposed individuals – A review. <i>Chemosphere</i> , 2021, 263, 127923.	4.2	9
863	Facile synthesis of tubular magnetic fluorinated covalent organic frameworks for efficient enrichment of ultratrace polybrominated diphenyl ethers from environmental samples. <i>Talanta</i> , 2021, 221, 121651.	2.9	34
864	Legacy and novel flame retardants from indoor dust in Antarctica: Sources and human exposure. <i>Environmental Research</i> , 2021, 196, 110344.	3.7	15
865	The potential connections of adverse outcome pathways with the hazard identifications of typical organophosphate esters based on toxicity mechanisms. <i>Chemosphere</i> , 2021, 266, 128989.	4.2	37
866	Pollution of plastic debris and halogenated flame retardants (HFRs) in soil from an abandoned e-waste recycling site: Do plastics contribute to (HFRs) in soil?. <i>Journal of Hazardous Materials</i> , 2021, 410, 124649.	6.5	30
867	A review of 1,2-dibromo-4-(1,2-dibromoethyl)cyclohexane in the environment and assessment of its persistence, bioaccumulation and toxicity. <i>Environmental Research</i> , 2021, 195, 110497.	3.7	13
868	New understanding of novel brominated flame retardants (NBFRs): Neuro(endocrine) toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111570.	2.9	55
869	Novel phosphorus/nitrogen/boron-containing carboxylic acid as co-curing agent for fire safety of epoxy resin with enhanced mechanical properties. <i>Journal of Hazardous Materials</i> , 2021, 402, 123769.	6.5	61
870	Temporal trends of halogenated and organophosphate contaminants in striped dolphins from the Mediterranean Sea. <i>Science of the Total Environment</i> , 2021, 753, 142205.	3.9	23
871	Chlorinated and brominated persistent compounds in hard coral, soft coral, and parrotfish from remote Mascarene islands. <i>Chemosphere</i> , 2021, 267, 129316.	4.2	8
872	Contamination levels and temporal trends of legacy and current-use brominated flame retardants in a dated sediment core from Beppu Bay, southwestern Japan. <i>Chemosphere</i> , 2021, 266, 129180.	4.2	18
873	Biomarkers, matrices and analytical methods targeting human exposure to chemicals selected for a European human biomonitoring initiative. <i>Environment International</i> , 2021, 146, 106082.	4.8	83
874	Legacy and alternative flame retardants in typical freshwater cultured fish ponds of South China: Implications for evolving industry and pollution control. <i>Science of the Total Environment</i> , 2021, 763, 143016.	3.9	3
875	Microplastics generated under simulated fire scenarios: Characteristics, antimony leaching, and toxicity. <i>Environmental Pollution</i> , 2021, 269, 115905.	3.7	36
876	Endocrine-disrupting potential of polybrominated diphenyl ethers (PBDEs) on androgen receptor signaling: a structural insight. <i>Structural Chemistry</i> , 2021, 32, 887-897.	1.0	7
877	Brominated and phosphate flame retardants from interior and surface dust of personal computers: insights into sources for human dermal exposure. <i>Environmental Science and Pollution Research</i> , 2021, 28, 12566-12575.	2.7	12
878	Bioconcentration and developmental neurotoxicity of novel brominated flame retardants, hexabromobenzene and pentabromobenzene in zebrafish. <i>Environmental Pollution</i> , 2021, 268, 115895.	3.7	29

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879	Photochemical origin of reactive radicals and halogenated organic substances in natural waters: A review. <i>Journal of Hazardous Materials</i> , 2021, 401, 123884.	6.5	37
880	Interspecies comparisons of brominated flame retardants in relation to foraging ecology and behaviour of gulls frequenting a UK landfill. <i>Science of the Total Environment</i> , 2021, 764, 142890.	3.9	8
881	Gas chromatographic analysis of emerging and persistent environmental contaminants. , 2021, , 835-864.		2
882	On-line spectroscopic study of brominated flame retardant extraction in supercritical CO ₂ . <i>Chemosphere</i> , 2021, 263, 128282.	4.2	10
883	Endocrine disrupting chemicals in the pathogenesis of hypospadias; developmental and toxicological perspectives. <i>Current Research in Toxicology</i> , 2021, 2, 179-191.	1.3	25
884	Brominated flame retardants (BFRs) in PM _{2.5} associated with various source sectors in southern China. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 179-187.	1.7	4
885	Microbial Degradation of Organic Constituents for Sustainable Development. , 2021, , 103-117.		0
886	Effects of B ₁₅ P and TBBPA on multixenobiotic resistance (MXR) related efflux transporter activity and gene expressions in gill cells of scallop <i>Chlamys farreri</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 21110-21118.	2.7	2
887	Accumulation and influencing factors of novel brominated flame retardants in soil and vegetation from Fildes Peninsula, Antarctica. <i>Science of the Total Environment</i> , 2021, 756, 144088.	3.9	12
888	Gulls foraging in landfills: Does atmospheric exposure to halogenated flame retardants result in bioaccumulation?. <i>Environment International</i> , 2021, 147, 106369.	4.8	10
889	Spatial and temporal variations of halogenated flame retardants and organophosphate esters in landfill air: Potential linkages with gull exposure. <i>Environmental Pollution</i> , 2021, 271, 116396.	3.7	13
890	Occurrence and spatial distribution of legacy and novel brominated flame retardants in seawater and sediment of the South China sea. <i>Environmental Pollution</i> , 2021, 271, 116324.	3.7	31
891	Rate Constant of the Reaction of OH Radicals with HBr over the Temperature Range 235–960 K. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1754-1759.	1.1	3
892	Liquid Crystal Monomers (LCMs) in Sediments: Method Validation and Detection in Sediment Samples from Three Typical Areas. <i>Environmental Science & Technology</i> , 2021, 55, 2336-2345.	4.6	58
893	A low-volume air sampling method for legacy and novel brominated flame retardants in indoor environment using a newly developed sorbent mixture. <i>Ecotoxicology and Environmental Safety</i> , 2021, 210, 111837.	2.9	1
894	Sorption of tetrabromobisphenol A onto microplastics: Behavior, mechanisms, and the effects of sorbent and environmental factors. <i>Ecotoxicology and Environmental Safety</i> , 2021, 210, 111842.	2.9	49
895	Newly Emerging Airborne Pollutants: Current Knowledge of Health Impact of Micro and Nanoplastics. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2997.	1.2	61
896	Two Typical Glycosylated Metabolites of Tetrabromobisphenol A Formed in Plants: Excretion and Deglycosylation in Plant Root Zones. <i>Environmental Science and Technology Letters</i> , 2021, 8, 313-319.	3.9	18

#	ARTICLE	IF	CITATIONS
897	Long-Term Field Study on Fate, Transformation, and Vertical Transport of Tetrabromobisphenol A in Soil-Plant Systems. <i>Environmental Science & Technology</i> , 2021, 55, 4607-4615.	4.6	5
898	Halogenated flame retardants in surface sediments from fourteen estuaries, South China. <i>Marine Pollution Bulletin</i> , 2021, 164, 112099.	2.3	9
899	A hybrid monolithic column based on flower-shaped zeolitic imidazolate framework for efficient capillary microextraction of brominated flame retardants. <i>Chinese Chemical Letters</i> , 2021, 32, 3199-3201.	4.8	4
900	Probing Legacy and Alternative Flame Retardants in the Air of Chinese Cities. <i>Environmental Science & Technology</i> , 2021, 55, 9450-9459.	4.6	23
901	Effects of the brominated flame retardant, TBCO, on development of zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2021, 266, 129195.	4.2	7
902	Investigation on Sex Hormone-Disruption Effects of Two Novel Brominated Flame Retardants (DBDPE) Tj ETQq1 1 0.784314 rgBT /Over Sciences (Switzerland), 2021, 11, 3837.	1.3	6
903	Semi-Volatile Organic Compounds in Car Dust: A Pilot Study in Jeddah, Saudi Arabia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4803.	1.2	5
904	Use of polarizability to correct the group-contributed normal boiling points of perfluorinated compounds. <i>Fluid Phase Equilibria</i> , 2021, 533, 112950.	1.4	1
905	In vitro metabolic kinetics of cresyl diphenyl phosphate (CDP) in liver microsomes of crucian carp (<i>Carassius carassius</i>). <i>Environmental Pollution</i> , 2021, 274, 116586.	3.7	13
906	Investigation of Different Types of Biochar on the Thermal Stability and Fire Retardance of Ethylene-Vinyl Acetate Copolymers. <i>Polymers</i> , 2021, 13, 1256.	2.0	13
907	Polybrominated diphenyl ethers in the environmental systems: a review. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1229-1247.	1.4	26
908	Contamination status, emission sources, and human health risk of brominated flame retardants in urban indoor dust from Hanoi, Vietnam: the replacement of legacy polybrominated diphenyl ether mixtures by alternative formulations. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43885-43896.	2.7	8
909	Unraveling Halogen Effects in Supramolecular Polymerization. <i>Journal of the American Chemical Society</i> , 2021, 143, 7164-7175.	6.6	39
911	GÃ¼tÃ¼rluk Apresinin Denim KumaÅŸ Performans Å–zelliklerine Etkisinin AraÅŸtÄ±rÄ±lmasÄ±. <i>Northwestern Medical Journal</i> , 0, , 43-53.	0.0	1
912	Nonalcoholic Fatty Liver Disease Development in Zebrafish upon Exposure to Bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate, a Novel Brominated Flame Retardant. <i>Environmental Science & Technology</i> , 2021, 55, 6926-6935.	4.6	27
913	A review on the characteristics of microplastics in wastewater treatment plants: A source for toxic chemicals. <i>Journal of Cleaner Production</i> , 2021, 295, 126480.	4.6	138
914	Core-shell ammonium polyphosphate@nanoscopic aluminum hydroxide microcapsules: Preparation, characterization, and its flame retardancy performance on wood pulp paper. <i>Chemical Engineering Journal Advances</i> , 2021, 6, 100096.	2.4	6
915	Temporal trends of legacy and novel brominated flame retardants in sediments along the RhÃªne River corridor in France. <i>Chemosphere</i> , 2021, 271, 129889.	4.2	19

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916	Assessment of polybrominated diphenyl ethers and emerging brominated flame retardants in Pheretima (a Traditional Chinese Medicine): Occurrence, residue profiles, and potential health risks. <i>Environmental Pollution</i> , 2021, 276, 116680.	3.7	8
917	Decabromodiphenyl Ether versus Decabromodiphenyl Ethane: Source, Fate, and Influencing Factors in a Coastal Sea Nearing Source Region. <i>Environmental Science & Technology</i> , 2021, 55, 7376-7385.	4.6	20
918	Brominated Flame Retardants in Children's Room: Concentration, Composition, and Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6421.	1.2	7
919	Comprehensive determination of polychlorinated biphenyls and brominated flame retardants in surface sediment samples from Hanoi urban area, Vietnam: Contamination status, accumulation profiles, and potential ecological risks. <i>Environmental Research</i> , 2021, 197, 111158.	3.7	15
920	Transgenerational effects of BDE-209 on male reproduction in F3 offspring rats. <i>Chemosphere</i> , 2021, 272, 129829.	4.2	13
921	Brominated flame retardants (BFRs) in marine food webs from Bohai Sea, China. <i>Science of the Total Environment</i> , 2021, 772, 145036.	3.9	23
922	The brominated flame retardants TBEC and DPTE alter prostate growth, histology and gene expression patterns in the mouse. <i>Reproductive Toxicology</i> , 2021, 102, 43-55.	1.3	4
923	Occurrence, bioaccumulation, fate, and risk assessment of novel brominated flame retardants (NBFRs) in aquatic environments – A critical review. <i>Water Research</i> , 2021, 198, 117168.	5.3	90
924	Detecting and Quantifying Polyhaloaromatic Environmental Pollutants by Chemiluminescence-Based Analytical Method. <i>Molecules</i> , 2021, 26, 3365.	1.7	4
925	Determination of tetrabromobisphenol-A/S and their eight derivatives in abiotic (soil/dust) samples using ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1647, 462152.	1.8	13
926	Toxicity of Tetrabromobisphenol A and Its Derivative in the Mouse Liver Following Oral Exposure at Environmentally Relevant Levels. <i>Environmental Science & Technology</i> , 2021, 55, 8191-8202.	4.6	30
927	Temporal trends of novel brominated flame retardants in mollusks from the Chinese Bohai Sea (2011–2018). <i>Science of the Total Environment</i> , 2021, 777, 146101.	3.9	12
928	Phosphorus Ester Containing Mesoporous Silica as Novel High-Effective Flame Retardant in Polyurethane and Polyester Coatings. <i>ChemistrySelect</i> , 2021, 6, 6541-6547.	0.7	8
929	Kinetics, pathways and toxicity of hexabromocyclododecane biodegradation: Isolation of the novel bacterium <i>Citrobacter</i> sp. Y3. <i>Chemosphere</i> , 2021, 274, 129929.	4.2	10
930	Anaerobic digestion: An alternative resource treatment option for food waste in China. <i>Science of the Total Environment</i> , 2021, 779, 146397.	3.9	167
931	Critical review of analytical methods for the determination of flame retardants in human matrices. <i>Analytica Chimica Acta</i> , 2022, 1193, 338828.	2.6	9
932	Oxidative degradation of 2,4,6-tribromophenol by SBA-15 supported metal tetrakis(1-methylpyridinium-4-yl)porphyrins in the presence of humic substances. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 992-1006.	0.9	1
933	Different co-culture models reveal the pivotal role of TBBPA-promoted M2 macrophage polarization in the deterioration of endometrial cancer. <i>Journal of Hazardous Materials</i> , 2021, 413, 125337.	6.5	13

#	ARTICLE	IF	CITATIONS
934	Clays as Inhibitors of Polyurethane Foams TM Flammability. <i>Materials</i> , 2021, 14, 4826.	1.3	15
935	Catalyst-free \hat{I}^2 -hydroxy phosphate ester exchange for robust fire-proof vitrimers. <i>Chemical Engineering Journal</i> , 2021, 417, 129132.	6.6	73
936	Endocrine disrupting potential of replacement flame retardants – Review of current knowledge for nuclear receptors associated with reproductive outcomes. <i>Environment International</i> , 2021, 153, 106550.	4.8	26
937	Risk Characterization and Benefit – Risk Assessment of Brominated Flame Retardant in Commercially Exploited Freshwater Fishes and Crayfish of Lake Trasimeno, Italy. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8763.	1.2	8
938	A review of the success and challenges in characterizing human dermal exposure to flame retardants. <i>Archives of Toxicology</i> , 2021, 95, 3459-3473.	1.9	3
939	Toxic effects of Decabromodiphenyl ether (BDE-209) on thyroid of broiler chicks by transcriptome profile analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 219, 112305.	2.9	11
940	Modeling of Flame Retardants in Typical Urban Indoor Environments in China during 2010–2030: Influence of Policy and Decoration and Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2021, 55, 11745-11755.	4.6	18
941	Determination of low-density polyethylene – water partition coefficients for novel halogenated flame retardants with the large volume model and co-solvent model. <i>Chemosphere</i> , 2021, 277, 130235.	4.2	2
942	Impact of Textile Product Emissions: Toxicological Considerations in Assessing Indoor Air Quality and Human Health. , 2022, , 505-541.		10
943	Spatio-temporal variations and input patterns on the legacy and novel brominated flame retardants (BFRs) in coastal rivers of North China. <i>Environmental Pollution</i> , 2021, 283, 117093.	3.7	25
944	Halogenated flame retardants in wild, prey-sized mud carp from an e-waste recycling site in South China, 2006–2016: Residue dynamics and ecological risk assessment. <i>Environmental Pollution</i> , 2021, 291, 118270.	3.7	4
945	Biodegradation and metabolism of tetrabromobisphenol A in microbial fuel cell: Behaviors, dynamic pathway and the molecular ecological mechanism. <i>Journal of Hazardous Materials</i> , 2021, 417, 126104.	6.5	27
946	Potential environmental fate and risk based on the hydroxyl radical-initiated transformation of atmospheric 1,2-dibromo-4-(1,2-dibromoethyl)cyclohexane stereoisomers. <i>Journal of Hazardous Materials</i> , 2021, 417, 126031.	6.5	3
947	Severe contamination and time trends of legacy and novel halogenated flame retardants in multiple environmental media from Lake Shihwa, Korea: Effectiveness of regulatory action. <i>Chemosphere</i> , 2021, 279, 130620.	4.2	12
948	Health toxicity effects of brominated flame retardants: From environmental to human exposure. <i>Environmental Pollution</i> , 2021, 285, 117475.	3.7	90
949	Determination of brominated flame retardants including polybrominated diphenyl ethers, pentabromoethylbenzene, hexabromobiphenyl, and decabromodiphenyl ethane in sediment samples: Validation of a rapid and efficient clean-up method and application to a sediment core from Lake Biwa, Japan. <i>Chemosphere</i> . 2021. 281. 130867.	4.2	4
950	Accelerated oxidation of the emerging brominated flame retardant tetrabromobisphenol S by unactivated peroxymonosulfate: The role of bromine catalysis and formation of disinfection byproducts. <i>Water Research</i> , 2021, 204, 117584.	5.3	22
951	Maize plant (<i>Zea mays</i>) uptake of organophosphorus and novel brominated flame retardants from hydroponic cultures. <i>Chemosphere</i> , 2022, 287, 132456.	4.2	12

#	ARTICLE	IF	CITATIONS
952	Bioaccumulation, elimination and metabolism in earthworms and microbial indices responses after exposure to decabromodiphenyl ethane in a soil-earthworm-microbe system. <i>Environmental Pollution</i> , 2021, 289, 117965.	3.7	20
953	Plant accumulation and transformation of brominated and organophosphate flame retardants: A review. <i>Environmental Pollution</i> , 2021, 288, 117742.	3.7	34
954	Chemical contaminant exposures assessed using silicone wristbands among occupants in office buildings in the USA, UK, China, and India. <i>Environment International</i> , 2021, 156, 106727.	4.8	19
955	Characteristics of legacy and novel brominated flame retardants in water and sediment surrounding two e-waste dismantling regions in Taizhou, eastern China. <i>Science of the Total Environment</i> , 2021, 794, 148744.	3.9	37
956	Legacy brominated flame retardants in human milk from the general population in Beijing, China: Biomonitoring, temporal trends from 2011 to 2018, and nursing infant's exposure assessment. <i>Chemosphere</i> , 2021, 285, 131533.	4.2	11
957	Thyroid disruption and oxidative stress in American kestrels following embryonic exposure to the alternative flame retardants, EHTBB and TBPH. <i>Environment International</i> , 2021, 157, 106826.	4.8	7
958	In situ localization of tris(2,3-dibromopropyl) isocyanurate in mouse organs by MALDI-HMS with auxiliary matrix strategy. <i>Talanta</i> , 2021, 235, 122723.	2.9	8
959	Bis(2-ethylhexyl)-tetrabromophthalate induces zebrafish obesity by altering the brain-gut axis and intestinal microbial composition. <i>Environmental Pollution</i> , 2021, 290, 118127.	3.7	10
960	Oxidative stress and endoplasmic reticulum stress contributed to hepatotoxicity of decabromodiphenyl ethane (DBDPE) in L-02 cells. <i>Chemosphere</i> , 2022, 286, 131550.	4.2	18
961	Composition changes, releases, and potential exposure risk of PBDEs from typical E-waste plastics. <i>Journal of Hazardous Materials</i> , 2022, 424, 127227.	6.5	6
962	Application of 96-well plate SPE method for analysis of persistent organic pollutants in low volume blood serum samples. <i>Chemosphere</i> , 2022, 287, 132300.	4.2	9
963	Current pollution status, spatial features, and health risks of legacy and emerging halogenated flame retardants in agricultural soils across China. <i>Science of the Total Environment</i> , 2022, 803, 150043.	3.9	22
964	Atmospheric concentrations of polychlorinated biphenyls, brominated flame retardants, and novel flame retardants in Lagos, Nigeria indicate substantial local sources. <i>Environmental Research</i> , 2022, 204, 112091.	3.7	5
965	Biota Debromination in Aqueous Media. , 2021, , 137-185.		0
966	Effect of dermal phthalate levels on lung function tests in residential area near a petrochemical complex. <i>Environmental Science and Pollution Research</i> , 2021, 28, 27333-27344.	2.7	6
967	Concentrations of halogenated flame retardants and polychlorinated biphenyls in house dust from Lagos, Nigeria. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1696-1705.	1.7	8
968	Contamination from Industrial Toxicants. , 2015, , 719-751.		3
969	An Efficient Strategy Based on Hyperspectral Imaging for Brominated Plastic Waste Sorting in a Circular Economy Perspective. , 2020, , 14-27.		4

#	ARTICLE	IF	CITATIONS
970	Emerging halogenated flame retardants in the indoor environment. <i>Comprehensive Analytical Chemistry</i> , 2020, 88, 107-140.	0.7	5
971	Food contamination on flame retardants. <i>Comprehensive Analytical Chemistry</i> , 2020, , 141-189.	0.7	5
972	Flame retardants in UK furniture increase smoke toxicity more than they reduce fire growth rate. <i>Chemosphere</i> , 2018, 196, 429-439.	4.2	42
973	Polybrominated diphenyl ethers, decabromodiphenyl ethane and dechlorane plus in aquatic products from the Yellow River Delta, China. <i>Marine Pollution Bulletin</i> , 2020, 161, 111733.	2.3	12
974	Measurement of Vapor Pressures and Melting Properties of Five Polybrominated Aromatic Flame Retardants. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 2578-2585.	1.0	4
975	Seasonal distribution, gas-particle partitioning and inhalation exposure of brominated flame retardants (BFRs) in gas and particle phases. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	9
976	Flame Retardants in Indoor Dust - A Review on the Levels of Polybrominated Diphenyl Ethers and Hexabromocyclododecanes. <i>Current Organic Chemistry</i> , 2014, 18, 2218-2230.	0.9	20
977	Organophosphorus Flame Retardants: A Global Review of Indoor Contamination and Human Exposure in Europe and Epidemiological Evidence. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6713.	1.2	57
978	Human biological monitoring of suspected endocrine-disrupting compounds. <i>Asian Journal of Andrology</i> , 2014, 16, 5.	0.8	43
979	Organophosphate esters in indoor and outdoor dust from Iraq: Implications for human exposure. <i>Emerging Contaminants</i> , 2021, 7, 204-212.	2.2	11
980	Comparative effects of oral exposure to 2, 4, 6-tribromophenol and decabromodiphenyl ether in Nile tilapia. <i>Environmental Science and Pollution Research</i> , 2022, 29, 17087-17102.	2.7	4
981	Environmental Deterioration Due to Existing and Emerging Persistent Organic Pollutants: An Overview. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2022, , 59-89.	0.4	6
982	Binding and activity of bisphenol analogues to human peroxisome proliferator-activated receptor α . <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112849.	2.9	8
983	A Perspective on Human Exposures to Plastics Additives in Water-Packaging Materials. <i>Journal of Water Resource and Protection</i> , 2013, 05, 25-33.	0.3	1
984	Depositional Characteristics of Atmospheric PBDEs on Pine Needles, Bark and Soil. <i>Korean Journal of Environmental Health Sciences</i> , 2014, 40, 215-224.	0.1	1
985	Characteristics of Atmospheric Polybrominated Diphenyl Ethers (PBDEs) Deposited on Pine Needles by Age. <i>Korean Journal of Environmental Health Sciences</i> , 2014, 40, 313-321.	0.1	1
986	Flame Retardant and Mechanical Properties of Modified Paper Using Inorganic Salts for Packaging Applications. <i>Journal of Research Updates in Polymer Science</i> , 2015, 3, 227-236-227-236.	0.3	0
987	Deactivation of Polybrominated Flame Retardants by Ultraviolet Radiation. <i>Springer Proceedings in Energy</i> , 2017, , 117-122.	0.2	0

#	ARTICLE	IF	CITATIONS
988	Instrumental Analysis of Brominated Flame Retardants. <i>Chromatographic Science</i> , 2017, , 515-536.	0.1	0
989	Effects of Flame Retardants on Vital Organs of Body. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
990	New Brominated Flame Retardants in the Environment of Developing Countries. <i>Soil Biology</i> , 2019, , 21-36.	0.6	0
991	Materials Used in Manufacturing Electrical and Electronic Products. <i>Issues in Environmental Science and Technology</i> , 2019, , 33-65.	0.4	3
992	Introduction: Modeling the Fate of Chemicals in Products in the Total Environment. <i>Springer Theses</i> , 2020, , 3-25.	0.0	1
993	Toward Halogen-Free Flame Retardants for Polystyrene Thermal Insulation Boards. <i>Green Energy and Technology</i> , 2020, , 665-694.	0.4	0
994	Approach to Predicting the Size-Dependent Inhalation Intake of Particulate Novel Brominated Flame Retardants. <i>Environmental Science & Technology</i> , 2021, 55, 15236-15245.	4.6	11
995	Analysis of emerging halogenated flame retardants in environment. <i>Comprehensive Analytical Chemistry</i> , 2020, , 41-70.	0.7	0
996	Data-Independent Identification of Suspected Organic Pollutants Using Gas Chromatography-Atmospheric Pressure Chemical Ionization-Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 1498-1506.	3.2	8
997	Photochemical degradation and debromination of bromophenols: Overlooked role of hydrated electron. <i>Separation and Purification Technology</i> , 2022, 280, 119862.	3.9	7
998	Biotransformation of 2,4,6-tris(2,4,6-tribromophenoxy)-1,3,5-triazine (TTBP-TAZ) can contribute to high levels of 2,4,6-tribromophenol (2,4,6-TBP) in humans. <i>Environment International</i> , 2022, 158, 106943.	4.8	3
999	Human exposure to emerging halogenated flame retardants. <i>Comprehensive Analytical Chemistry</i> , 2020, , 215-251.	0.7	3
1000	Pollution in the Pearl River Estuary. <i>Estuaries of the World</i> , 2020, , 13-35.	0.1	8
1001	Persistence and bioaccumulation potential of alternative brominated flame retardants. <i>Comprehensive Analytical Chemistry</i> , 2020, , 191-214.	0.7	0
1003	Impact of brominated flame retardants on lipid metabolism: An in vitro approach. <i>Environmental Pollution</i> , 2022, 294, 118639.	3.7	15
1004	Brominated Flame Retardants (Bfrs) in Sediment from a Typical E-Waste Dismantling Region in Southern China: Occurrence, Spatial Distribution, Composition Profiles, and Ecological Risks. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1005	Low-Level Alternative Halogenated Flame Retardants (Ahfrs) in Indoor Dust from Adelaide, South Australia Decades Since National Legislative Control on Polybrominated Diphenyl Ethers (Pbdes). <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1006	Design Novel Environmentally-friendly Flame Retardants. <i>Combustion Science and Technology</i> , 2023, 195, 2474-2490.	1.2	0

#	ARTICLE	IF	CITATIONS
1007	Defunctionalization of sp ³ C-Heteroatom and sp ³ C Bonds Enabled by Photoexcited Triplet Ketone Catalysts. <i>ACS Catalysis</i> , 2022, 12, 1031-1036.	5.5	14
1008	Mechanism insights into activation of hydroxylamines for generation of multiple reactive species in photochemical degradation of bromophenols. <i>Separation and Purification Technology</i> , 2022, 285, 120282.	3.9	4
1009	Methods for the analysis of endocrine disrupting chemicals in selected environmental matrixes. <i>Environmental Research</i> , 2022, 206, 112616.	3.7	12
1010	Gas-particle partition and size-segregated distribution of flame retardants in indoor and outdoor air: Reevaluation on the role of fine particles in human exposure. <i>Chemosphere</i> , 2022, 292, 133414.	4.2	11
1011	Review of the environmental occurrence, analytical techniques, degradation and toxicity of TBBPA and its derivatives. <i>Environmental Research</i> , 2022, 206, 112594.	3.7	59
1012	An introduction to the sources, fate, occurrence and effects of endocrine disrupting chemicals released into the environment. <i>Environmental Research</i> , 2022, 207, 112658.	3.7	81
1013	Recent Advances in the Development of Fire-Resistant Biocomposites—A Review. <i>Polymers</i> , 2022, 14, 362.	2.0	47
1014	A Furan-based Phosphaphenanthrene-containing Derivative as a Highly Efficient Flame-retardant Agent for Epoxy Thermosets without Deteriorating Thermomechanical Performances. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2022, 40, 233-240.	2.0	16
1015	Preparation of the Intrinsic Flame-Retardant Curing Agent of Inorganic Epoxy Resin Containing Nitrogen and Phosphorus. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 412-422.	1.9	3
1016	Effects of nano-TiO ₂ on the bioavailability and toxicity of bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate (TBPH) in developing zebrafish. <i>Chemosphere</i> , 2022, 295, 133862.	4.2	8
1017	Integrated assessment of endocrine disrupting potential of four novel brominated flame retardants. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113206.	2.9	7
1018	Efficient biodegradation of tetrabromobisphenol A by the novel strain <i>Enterobacter</i> sp. T2 with good environmental adaptation: Kinetics, pathways and genomic characteristics. <i>Journal of Hazardous Materials</i> , 2022, 429, 128335.	6.5	16
1019	Metabolic transformation of environmentally-relevant brominated flame retardants in Fauna: A review. <i>Environment International</i> , 2022, 161, 107097.	4.8	12
1020	Habitat-dependent trophic transfer of legacy and emerging halogenated flame retardants in estuarine and coastal food webs near a source region. <i>Environmental Pollution</i> , 2022, 300, 118987.	3.7	7
1021	Occurrence of Organohalogenated Flame Retardants and Organophosphate Esters in Dust from Homes and Preschools in Sweden. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1022	Novel Brominated Flame Retardants (NBFRs) in a Tropical Marine Food Web from the South China Sea: The Influence of Hydrophobicity and Biotransformation on Structure-Related Trophodynamics. <i>Environmental Science & Technology</i> , 2022, 56, 3147-3158.	4.6	32
1023	Evaluating the Effects of BPA and TBBPA Exposure on Pregnancy Loss and Maternal Fetal Immune Cells in Mice. <i>Environmental Health Perspectives</i> , 2022, 130, 37010.	2.8	13
1024	Study on Fire Behavior, Thermal Stability and Degradation Kinetics of Thiol-Ene with Poly(aminopropyl/phenyl)silsesquioxane. <i>Polymers</i> , 2022, 14, 1142.	2.0	3

#	ARTICLE	IF	CITATIONS
1025	Synthesis of the effective flame retardant <i>via</i> modification of epoxy resin with phenylboronic acid. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2022, 59, 411-420.	1.2	11
1026	Applications, treatments, and reuse of plastics from electrical and electronic equipment. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 110, 84-99.	2.9	21
1027	Nano-TiO ₂ Adsorbed Decabromodiphenyl Ethane and Changed Its Bioavailability, Biotransformation and Biototoxicity in Zebrafish Embryos/Larvae. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	3
1028	Temporal Trends of Alternative Halogenated Flame Retardants in Humpback Dolphins from the South China Sea. <i>Environmental Science & Technology</i> , 2022, 56, 5037-5048.	4.6	13
1029	Low-level alternative halogenated flame retardants (AHFRs) in indoor dust from Adelaide, South Australia decades since national legislative control on polybrominated diphenyl ethers (PBDEs). <i>Science of the Total Environment</i> , 2022, 826, 154123.	3.9	9
1030	Brominated flame retardants (BFRs) in sediment from a typical e-waste dismantling region in Southern China: Occurrence, spatial distribution, composition profiles, and ecological risks. <i>Science of the Total Environment</i> , 2022, 824, 153813.	3.9	18
1031	Diastereomer- and enantiomer-selective accumulation and depuration of 1,2-dibromo-4-(1,2-dibromoethyl) cyclohexanes (DBE-DBCHs) and 1,2,5,6-tetrabromocyclooctanes (TBCOs) in earthworms (<i>Eisenia fetida</i>). <i>Science of the Total Environment</i> , 2022, 826, 154145.	3.9	2
1032	Historical record of legacy and alternative halogenated flame retardants in dated sediment from a highly industrialized saltwater lake in Korea. <i>Chemosphere</i> , 2022, 297, 134264.	4.2	11
1033	Legacy and emerging flame retardants in sharks from the Western North Atlantic Ocean. <i>Science of the Total Environment</i> , 2022, 829, 154330.	3.9	3
1034	Full Characterization of the UV Hydrodebromination Products of the Current-Use Brominated Flame Retardants Hexabromobenzene, Pentabromotoluene, and Pentabromoethylbenzene. <i>Environmental Science & Technology</i> , 2021, 55, 16607-16616.	4.6	6
1035	Decabromodiphenyl Ethane Mainly Affected the Muscle Contraction and Reproductive Endocrine System in Female Adult Zebrafish. <i>Environmental Science & Technology</i> , 2022, 56, 470-479.	4.6	27
1036	Organophosphate and Organohalogen Flame-Retardant Exposure and Thyroid Hormone Disruption in a Cross-Sectional Study of Female Firefighters and Office Workers from San Francisco. <i>Environmental Science & Technology</i> , 2022, 56, 440-450.	4.6	17
1037	Aggregation of Fe ₂ O ₃ nanoparticle in the presence of organophosphate esters (OPEs). <i>Water Science and Technology</i> , 2022, 85, 2423-2431.	1.2	0
1038	Spatiotemporal Trends of Legacy and Alternative Flame Retardants in Harbor Seals from the Coasts of California, the Gulf of Maine, and Sweden. <i>Environmental Science & Technology</i> , 2022, 56, 5714-5723.	4.6	3
1039	E-plastics in a circular economy: A comprehensive regulatory review. <i>Journal of Cleaner Production</i> , 2022, , 131711.	4.6	3
1041	The interaction mechanisms of co-existing polybrominated diphenyl ethers and engineered nanoparticles in environmental waters: A critical review. <i>Journal of Environmental Sciences</i> , 2023, 124, 227-252.	3.2	17
1042	Citric Acid Can Enhance the Uptake and Accumulation of Organophosphate Esters (Opes) in Suaeda Salsa Rhizosphere: Potential for Phytoremediation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1043	Enrichment and Removal of Five Brominated Flame Retardants in the Presence of Co-Exposure in a Soil-Earthworm System. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
1044	Environmentally Relevant Concentrations of Tris(1,3-dichloro-2-propyl) Phosphate Induced a Female-Biased Osteotoxicity in Crucian Carp (<i>Carassius auratus</i>). <i>Environmental Science and Technology Letters</i> , 2022, 9, 439-445.	3.9	2
1045	Legacy and emerging flame retardants in indoor and outdoor dust from Indo-Gangetic Region (Patna) of India: implication for source apportionment and health risk exposure. <i>Environmental Science and Pollution Research</i> , 2022, 29, 68216-68231.	2.7	8
1046	Environmentally relevant exposure to TBBPA and its analogues may not drastically affect human early cardiac development. <i>Environmental Pollution</i> , 2022, 306, 119467.	3.7	8
1047	A Large Diversity of Organohalogen Contaminants Reach the Meso- and Bathypelagic Organisms in the Bay of Biscay (Northeast Atlantic). <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1048	Exploring the potential of hematite as a debromination agent for 2,4,6-tribromophenol. <i>Chemical Engineering Journal Advances</i> , 2022, 11, 100334.	2.4	10
1049	Exposure to tris(2-butoxyethyl) phosphate induces abnormal sperm morphology and testicular histopathology in male rats. <i>Ecotoxicology and Environmental Safety</i> , 2022, 241, 113718.	2.9	4
1050	Thyroid-disrupting effects caused by exposure to alternative flame retardants from groundwater contamination in rural central China. <i>Science of the Total Environment</i> , 2022, 839, 156300.	3.9	2
1051	Halogen-Based Flame Retardants in Polyurethanes. <i>ACS Symposium Series</i> , 0, , 141-171.	0.5	0
1052	Industrial Flame Retardants for Polyurethanes. <i>ACS Symposium Series</i> , 0, , 239-264.	0.5	3
1053	Distribution, Metabolism, Excretion, and Lactational Transfer to Pups of Tetrabromobisphenol A and Its Metabolites in C57BL/6 Mice. <i>BPB Reports</i> , 2022, 5, 50-58.	0.1	1
1054	Determination of BFRs in food contact articles: An analytical approach using DART-HRMS, XFR and HPLC-MS/MS. <i>Food Packaging and Shelf Life</i> , 2022, 33, 100883.	3.3	4
1055	In utero exposure to decabromodiphenyl ethane causes rapid growth in mice cubs by activating glycogenolysis and lipid synthesis. <i>Toxicology Letters</i> , 2022, 366, 72-80.	0.4	2
1056	Cross-linkable phosphorus/nitrogen-containing aromatic ethylenediamine endowing epoxy resin with excellent flame retardancy and mechanical properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 162, 107145.	3.8	17
1057	Occurrence, emission sources, and risk assessment of polybrominated diphenyl ethers and current-use brominated flame retardants in settled dust from end-of-life vehicle processing, urban, and rural areas, northern Vietnam. <i>Environmental Science and Pollution Research</i> , 2023, 30, 2061-2074.	2.7	3
1058	Integration of wastewater treatment units and optimization of waste residue pyrolysis conditions in the brominated phenol flame retardant industry. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 115, 183-192.	2.9	1
1059	Novel brominated and organophosphate flame retardants in the atmosphere of Fildes Peninsula, West Antarctica: Continuous observations from 2011 to 2020. <i>Journal of Hazardous Materials</i> , 2022, 440, 129776.	6.5	11
1060	Decabromodiphenyl ethane induces locomotion neurotoxicity and potential Alzheimer's disease risks through intensifying amyloid-beta deposition by inhibiting transthyretin/transthyretin-like proteins. <i>Environment International</i> , 2022, 168, 107482.	4.8	4
1061	Enrichment and removal of five brominated flame retardants in the presence of co-exposure in a soil-earthworm system. <i>Environmental Pollution</i> , 2022, 310, 119877.	3.7	2

#	ARTICLE	IF	CITATIONS
1062	Accumulative levels, temporal and spatial distribution of common chemical pollutants in the blood of Chinese adults. <i>Environmental Pollution</i> , 2022, 311, 119980.	3.7	17
1063	An updated review on environmental occurrence, scientific assessment and removal of brominated flame retardants by engineered nanomaterials. <i>Journal of Environmental Management</i> , 2022, 321, 115998.	3.8	22
1064	Decabromodiphenyl ethane induced hyperactivity in developing zebrafish at environmentally relevant concentrations. <i>Ecotoxicology and Environmental Safety</i> , 2022, 244, 114044.	2.9	9
1065	Distribution characteristics and risks assessment of brominated flame retardants in surface soil from both a legacy and a new e-waste dismantling site. <i>Journal of Cleaner Production</i> , 2022, 373, 133970.	4.6	9
1066	Silicone wristband- and handwipe-based assessment of exposure to flame retardants for informal electronic-waste and end-of-life-vehicle recycling workers and their children in Vietnam. <i>Science of the Total Environment</i> , 2022, 853, 158669.	3.9	3
1067	Dietary intake assessment of known and unknown organophosphate esters (OPEs) in foodstuffs via high-resolution mass spectrometry. <i>Science of the Total Environment</i> , 2023, 854, 158452.	3.9	9
1068	Catalyst-free dynamic transesterification towards a high-performance and fire-safe epoxy vitrimer and its carbon fiber composite. <i>Green Chemistry</i> , 2022, 24, 6980-6988.	4.6	26
1069	Profiling of phthalates, brominated, and organophosphate flame retardants in COVID-19 lockdown house dust; implication on the human health. <i>Science of the Total Environment</i> , 2023, 856, 158779.	3.9	3
1070	Understanding the Influence of Gypsum upon a Hybrid Flame Retardant Coating on Expanded Polystyrene Beads. <i>Polymers</i> , 2022, 14, 3570.	2.0	1
1071	Photodegradation Kinetics and Solvent Effect of New Brominated Flame Retardants (NBFRS) in Liquid Medium. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 11690.	1.2	1
1072	Photolytic degradation of novel polymeric and monomeric brominated flame retardants: Investigation of endocrine disruption, physiological and ecotoxicological effects. <i>Environmental Pollution</i> , 2022, , 120317.	3.7	0
1073	Treatment of PBDEs from Soil-Washing Effluent by Granular-Activated Carbon: Adsorption Behavior, Influencing Factors and Density Functional Theory Calculation. <i>Processes</i> , 2022, 10, 1815.	1.3	2
1074	The transfer and resulting negative effects of nano- and micro-plastics through the aquatic trophic web – A discreet threat to human health. , 2022, 1, 100080.		4
1075	Coming ecological risks of organochlorine pesticides and novel brominated flame retardants in the Yellow River Basin. <i>Science of the Total Environment</i> , 2023, 857, 159296.	3.9	5
1076	A large diversity of organohalogen contaminants reach the meso- and bathypelagic organisms in the Bay of Biscay (northeast Atlantic). <i>Marine Pollution Bulletin</i> , 2022, 184, 114180.	2.3	7
1077	Distribution of flame retardants among indoor dust, airborne particles and vapour phase from Beijing: spatial-temporal variation and human exposure characteristics. <i>Environment International</i> , 2022, 170, 107557.	4.8	7
1079	Improvement of Thermal Behavior of Rattan by Lignosulphonate Impregnation Treatment. <i>Forests</i> , 2022, 13, 1773.	0.9	6
1080	Occurrence and ecological risks of brominated flame retardants and dechlorane plus in sediments from the Pearl River Estuary and Daya Bay, South China. <i>Marine Pollution Bulletin</i> , 2022, 185, 114182.	2.3	4

#	ARTICLE	IF	CITATIONS
1081	Hazardous organic pollutants in indoor dust from elementary schools and kindergartens in Greece: Implications for children's health. <i>Chemosphere</i> , 2023, 310, 136750.	4.2	10
1082	Citric acid can enhance the uptake and accumulation of organophosphate esters (OPEs) in Suaeda salsa rhizosphere: Potential for phytoremediation. <i>Journal of Hazardous Materials</i> , 2023, 443, 130169.	6.5	3
1083	Halogenated organic pollutants (HOPs) in marine fish from the Beibu Gulf, South China Sea: Levels, distribution, and health risk assessment. <i>Marine Pollution Bulletin</i> , 2022, 185, 114374.	2.3	5
1084	Exposure to flame retardants in European children – Results from the HBM4EU aligned studies. <i>International Journal of Hygiene and Environmental Health</i> , 2023, 247, 114070.	2.1	15
1085	Identification and quantification of additive-derived chemicals in beached microplastics and macroplastics. <i>Marine Pollution Bulletin</i> , 2023, 186, 114438.	2.3	5
1086	The last 50 years of organic contamination of a highly anthropized tributary of the Po River (Italy). <i>Journal of Environmental Management</i> , 2023, 326, 116665.	3.8	6
1087	Plastic waste reprocessing for circular economy: A systematic scoping review of risks to occupational and public health from legacy substances and extrusion. <i>Science of the Total Environment</i> , 2023, 859, 160385.	3.9	4
1088	Occurrence, spatial distribution, and risk assessment of brominated flame retardants in farmland soils of typical provinces in China. <i>Chemosphere</i> , 2023, 313, 137356.	4.2	0
1089	Polylactic acid microplastics induce higher biotoxicity of decabromodiphenyl ethane on earthworms (<i>Eisenia fetida</i>) compared to polyethylene and polypropylene microplastics. <i>Science of the Total Environment</i> , 2023, 862, 160909.	3.9	9
1090	In vitro neurotoxic potential of emerging flame retardants on neuroblastoma cells in an acute exposure scenario. <i>Toxicology in Vitro</i> , 2023, 87, 105523.	1.1	2
1091	Temporal trends in concentrations of brominated flame retardants in UK foodstuffs suggest active impacts of global phase-out of PBDEs and HBCDD. <i>Science of the Total Environment</i> , 2023, 863, 160956.	3.9	6
1092	Sediment contamination with polybrominated diphenyl ethers and alternative brominated flame retardants: case study in urban lakes of Hanoi, Vietnam. <i>Environmental Science and Pollution Research</i> , 2023, 30, 31436-31445.	2.7	2
1093	Eradication of Emerging Contaminants like Brominated Flame Retardants by Green Nanomaterials. , 2023, , 1-32.		0
1094	Recycling of Plastic Waste: A Systematic Review Using Bibliometric Analysis. <i>Sustainability</i> , 2022, 14, 16340.	1.6	8
1095	New Insights into the Role of Nitrite in the Degradation of Tetrabromobisphenol S by Sulfate Radical Oxidation. <i>Environmental Science & Technology</i> , 2022, 56, 17743-17752.	4.6	7
1096	Exposure to Novel Brominated Flame Retardants and Organophosphate Esters and Associations with Thyroid Cancer Risk: A Case-Control Study in Eastern China. <i>Environmental Science & Technology</i> , 2022, 56, 17825-17835.	4.6	12
1097	Inevitable human exposure of flame retardants on the potential health risk and assessment of PBDEs in soils collected from Sulaibiya, Kuwait. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	3
1098	High cytotoxicity of a degraded TBBPA, dibromobisphenol A, through apoptotic and necrosis pathways. <i>Heliyon</i> , 2023, 9, e13003.	1.4	1

#	ARTICLE	IF	CITATIONS
1099	Novel Brominated Flame Retardants in Dust from E-Waste-Dismantling Workplace in Central China: Contamination Status and Human Exposure Assessment. <i>Toxics</i> , 2023, 11, 58.	1.6	4
1100	Addressing systemic problems with exposure assessments to protect the public's health. <i>Environmental Health</i> , 2023, 21, .	1.7	15
1101	An iron-based metal-organic framework as a novel dispersive solid-phase extraction sorbent for the efficient adsorption of tetrabromobisphenol A from environmental water samples. <i>Analytical Methods</i> , 2023, 15, 343-352.	1.3	2
1102	Environmental fate of five brominated flame retardants co-exposure in a water-sediment-zebrafish microcosm system: Enrichment, removal, and metabolism mechanisms. <i>Journal of Cleaner Production</i> , 2023, 387, 135916.	4.6	8
1103	Hormone receptor activities of complex mixtures of known and suspect chemicals in personal silicone wristband samplers worn in office buildings. <i>Chemosphere</i> , 2023, 315, 137705.	4.2	2
1104	Legacy and novel brominated flame retardants in agricultural soils of eastern China (2011-2021): Concentration level, temporal trend, and health risk assessment. <i>Journal of Hazardous Materials</i> , 2023, 446, 130631.	6.5	6
1105	TBBPA rather than its main derivatives enhanced growth of endometrial cancer via p53 ubiquitination. <i>Journal of Environmental Sciences</i> , 2024, 137, 82-95.	3.2	2
1106	Transfer of Microplastics in Terrestrial and Aquatic Food Webs: The Impact of E-Waste Debris and Ecological Traits. <i>Environmental Science & Technology</i> , 2023, 57, 1300-1308.	4.6	12
1107	Simultaneous Method for Selected PBDEs and HBCDDs in Foodstuffs Using Gas Chromatography-Tandem Mass Spectrometry and Liquid Chromatography-Tandem Mass Spectrometry. <i>Toxics</i> , 2023, 11, 15.	1.6	1
1108	Nanocomposite-based flame-retardant polyurethane foams. , 2023, , 543-569.		0
1110	Polybrominated diphenyl ethers and bromophenols in paired serum, hair, and urine samples of e-waste dismantlers: Insights into hair as an indicator of endogenous exposure. <i>Science of the Total Environment</i> , 2023, 871, 161980.	3.9	5
1111	Transcriptomic and metabolomic insights into the defense response to HFRs in Arabidopsis. <i>Ecotoxicology and Environmental Safety</i> , 2023, 254, 114736.	2.9	2
1112	Distribution, sources and dispersion of polybrominated diphenyl ethers in the water column of the Strait of Georgia, British Columbia, Canada. <i>Science of the Total Environment</i> , 2023, 873, 162174.	3.9	1
1113	An additional threat to populations predicted to collapse: Organobromine compounds of natural and anthropogenic sources in rough-toothed dolphins from the Southwestern Atlantic Ocean. <i>Chemosphere</i> , 2023, 323, 138237.	4.2	4
1114	Trends of legacy and emerging organic contaminants in a sediment core from Cienfuegos Bay, Cuba, from 1990 to 2015. <i>Chemosphere</i> , 2023, 328, 138571.	4.2	4
1115	Detrimental effects of individual versus combined exposure to tetrabromobisphenol A and polystyrene nanoplastics in fish cell lines. <i>Environmental Toxicology and Pharmacology</i> , 2023, 98, 104072.	2.0	6
1116	Occurrence and tissue-specific partitioning of alternative brominated flame retardants in northwest Atlantic harbor seal pups (<i>Phoca vitulina vitulina</i>). <i>Chemosphere</i> , 2023, 318, 137968.	4.2	2
1117	Biomonitoring of firefighting forces: a review on biomarkers of exposure to health-relevant pollutants released from fires. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2023, 26, 127-171.	2.9	8

#	ARTICLE	IF	CITATIONS
1118	First insight into accumulation of characteristics and tissue distribution of PCBs, PBDEs, and other BFRs in the living Indonesian coelacanth (<i>Latimeria menadoensis</i>). <i>Environmental Science and Pollution Research</i> , 2023, 30, 49368-49380.	2.7	1
1119	Multi- and Transgenerational Developmental Impairments Are Induced by Decabromodiphenyl Ethane (DBDPE) in Zebrafish Larvae. <i>Environmental Science & Technology</i> , 2023, 57, 2887-2897.	4.6	11
1120	Concentrations of Tetrabromobisphenol-A and hexabromocyclododecane in Thai child daycare centre dust and the exposure risk for young children. <i>Emerging Contaminants</i> , 2023, , 100229.	2.2	0
1124	Eradication of Emerging Contaminants like Brominated Flame Retardants by Green Nanomaterials. , 2023, , 881-912.		0
1151	Neuroendocrine effects of brominated flame retardants, focused on polybrominated diphenyl ethers. <i>Advances in Neurotoxicology</i> , 2023, , .	0.7	0
1171	Occurrence, Bioaccumulation and Effects of Legacy and Emerging Brominated Retardants in Earthworms. , 0, , .		0
1184	Graphene Nanoplatelets in Brief. <i>Springer Series in Materials Science</i> , 2024, , 7-25.	0.4	0