

Mohamed Abou-Elwafa Abdallah

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92
papers

6,620
citations

37
h-index

81
g-index

95
ext. papers

7,599
ext. citations

8.5
avg, IF

6.44
L-index

#	Paper	IF	Citations
92	Novel brominated flame retardants: a review of their analysis, environmental fate and behaviour. <i>Environment International</i> , 2011 , 37, 532-56	12.9	1030
91	Pharmaceuticals and personal care products (PPCPs) in the freshwater aquatic environment. <i>Emerging Contaminants</i> , 2017 , 3, 1-16	5.8	931
90	Levels and trends of PBDEs and HBCDs in the global environment: status at the end of 2012. <i>Environment International</i> , 2014 , 65, 147-58	12.9	304
89	Analytical and environmental aspects of the flame retardant tetrabromobisphenol-A and its derivatives. <i>Journal of Chromatography A</i> , 2009 , 1216, 346-63	4.5	297
88	Hexabromocyclododecanes and tetrabromobisphenol-A in indoor air and dust in Birmingham, U.K: implications for human exposure. <i>Environmental Science & Technology</i> , 2008 , 42, 6855-61	10.3	244
87	Indoor contamination with hexabromocyclododecanes, polybrominated diphenyl ethers, and perfluoroalkyl compounds: an important exposure pathway for people?. <i>Environmental Science & Technology</i> , 2010 , 44, 3221-31	10.3	241
86	Concentrations of brominated flame retardants in dust from United Kingdom cars, homes, and offices: causes of variability and implications for human exposure. <i>Environment International</i> , 2008 , 34, 1170-5	12.9	233
85	Current-use brominated flame retardants in water, sediment, and fish from English lakes. <i>Environmental Science & Technology</i> , 2009 , 43, 9077-83	10.3	197
84	Identifying transfer mechanisms and sources of decabromodiphenyl ether (BDE 209) in indoor environments using environmental forensic microscopy. <i>Environmental Science & Technology</i> , 2009 , 43, 3067-72	10.3	176
83	Organophosphate flame retardants in indoor dust from Egypt: implications for human exposure. <i>Environmental Science & Technology</i> , 2014 , 48, 4782-9	10.3	159
82	Exposure to hexabromocyclododecanes (HBCDs) via dust ingestion, but not diet, correlates with concentrations in human serum: preliminary results. <i>Environmental Health Perspectives</i> , 2009 , 117, 1707-12	8.4	140
81	Tetrabromobisphenol-A, hexabromocyclododecane and its degradation products in UK human milk: relationship to external exposure. <i>Environment International</i> , 2011 , 37, 443-8	12.9	134
80	Causes of variability in concentrations and diastereomer patterns of hexabromocyclododecanes in indoor dust. <i>Environment International</i> , 2009 , 35, 573-9	12.9	128
79	Hexabromocyclododecanes in indoor dust from Canada, the United Kingdom, and the United States. <i>Environmental Science & Technology</i> , 2008 , 42, 459-64	10.3	123
78	Dust from U.K. primary school classrooms and daycare centers: the significance of dust as a pathway of exposure of young U.K. children to brominated flame retardants and polychlorinated biphenyls. <i>Environmental Science & Technology</i> , 2010 , 44, 4198-202	10.3	116
77	Human dermal absorption of chlorinated organophosphate flame retardants; implications for human exposure. <i>Toxicology and Applied Pharmacology</i> , 2016 , 291, 28-37	4.6	95
76	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	10.3	93

75	Brominated flame retardants in dust from UK cars--within-vehicle spatial variability, evidence for degradation and exposure implications. <i>Chemosphere</i> , 2011 , 82, 1240-5	8.4	85
74	Factors influencing concentrations of polybrominated diphenyl ethers (PBDEs) in students from Antwerp, Belgium. <i>Environmental Science & Technology</i> , 2009 , 43, 3535-41	10.3	74
73	Predictors of tetrabromobisphenol-A (TBBP-A) and hexabromocyclododecanes (HBCD) in milk from Boston mothers. <i>Environmental Science & Technology</i> , 2012 , 46, 12146-53	10.3	73
72	Comparative evaluation of liquid chromatography-mass spectrometry versus gas chromatography-mass spectrometry for the determination of hexabromocyclododecanes and their degradation products in indoor dust. <i>Journal of Chromatography A</i> , 2008 , 1190, 333-41	4.5	73
71	Spectrofluorometric determination of certain quinolone antibacterials using metal chelation. <i>Talanta</i> , 2003 , 60, 1033-50	6.2	71
70	Human dietary intake of organohalogen contaminants at e-waste recycling sites in Eastern China. <i>Environment International</i> , 2015 , 74, 209-20	12.9	70
69	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	12.9	62
68	Modification and calibration of a passive air sampler for monitoring vapor and particulate phase brominated flame retardants in indoor air: application to car interiors. <i>Environmental Science & Technology</i> , 2010 , 44, 3059-65	10.3	61
67	Personal exposure to HBCDs and its degradation products via ingestion of indoor dust. <i>Environment International</i> , 2009 , 35, 870-6	12.9	60
66	Occurrence, seasonal variation and human exposure to pharmaceuticals and personal care products in surface water, groundwater and drinking water in Lagos State, Nigeria. <i>Emerging Contaminants</i> , 2020 , 6, 124-132	5.8	58
65	Environmental occurrence, analysis and human exposure to the flame retardant tetrabromobisphenol-A (TBBP-A)-A review. <i>Environment International</i> , 2016 , 94, 235-250	12.9	58
64	Isotope dilution method for determination of polybrominated diphenyl ethers using liquid chromatography coupled to negative ionization atmospheric pressure photoionization tandem mass spectrometry: validation and application to house dust. <i>Analytical Chemistry</i> , 2009 , 81, 7460-7	7.8	58
63	Polybrominated diphenyl ethers in UK human milk: implications for infant exposure and relationship to external exposure. <i>Environment International</i> , 2014 , 63, 130-6	12.9	56
62	Phasing-out of legacy brominated flame retardants: The UNEP Stockholm Convention and other legislative action worldwide. <i>Environment International</i> , 2020 , 144, 106041	12.9	54
61	Emerging and legacy flame retardants in UK human milk and food suggest slow response to restrictions on use of PBDEs and HBCDD. <i>Environment International</i> , 2017 , 105, 95-104	12.9	53
60	Effect of Bromine Substitution on Human Dermal Absorption of Polybrominated Diphenyl Ethers. <i>Environmental Science & Technology</i> , 2015 , 49, 10976-83	10.3	51
59	Enantioselective biotransformation of hexabromocyclododecane by in vitro rat and trout hepatic sub-cellular fractions. <i>Environmental Science & Technology</i> , 2014 , 48, 2732-40	10.3	51
58	Dermal bioaccessibility of flame retardants from indoor dust and the influence of topically applied cosmetics. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017 , 27, 100-105	6.7	47

57	A single run, rapid polarity switching method for determination of 30 pharmaceuticals and personal care products in waste water using Q-Exactive Orbitrap high resolution accurate mass spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1588, 68-76	4.5	46
56	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, 3276-83		39
55	Evaluation of 3D-human skin equivalents for assessment of human dermal absorption of some brominated flame retardants. <i>Environment International</i> , 2015 , 84, 64-70	12.9	36
54	Polybrominated diphenyl ethers and polychlorinated biphenyls in dust from cars, homes, and offices in Lagos, Nigeria. <i>Chemosphere</i> , 2016 , 146, 346-53	8.4	36
53	Advances in the sample preparation of brominated flame retardants and other brominated compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 43, 189-203	14.6	33
52	A one-step extraction/clean-up method for determination of PCBs, PBDEs and HBCDs in environmental solid matrices. <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 2279-87	4.3	33
51	Predictors of human PBDE body burdens for a UK cohort. <i>Chemosphere</i> , 2017 , 189, 186-197	8.4	31
50	Concentrations of Polybrominated Diphenyl Ethers, Hexabromocyclododecanes and Tetrabromobisphenol-A in Breast Milk from United Kingdom Women Do Not Decrease over Twelve Months of Lactation. <i>Environmental Science & Technology</i> , 2015 , 49, 13899-903	10.3	31
49	Hexabromocyclododecane in polystyrene packaging: A downside of recycling?. <i>Chemosphere</i> , 2018 , 199, 612-616	8.4	31
48	Brominated flame retardants in black plastic kitchen utensils: Concentrations and human exposure implications. <i>Science of the Total Environment</i> , 2018 , 610-611, 1138-1146	10.2	31
47	Concentrations of Brominated Flame Retardants in Indoor Air and Dust from Ireland Reveal Elevated Exposure to Decabromodiphenyl Ethane. <i>Environmental Science & Technology</i> , 2019 , 53, 9826-9836	10.3	31
46	Dermal contact with furniture fabrics is a significant pathway of human exposure to brominated flame retardants. <i>Environment International</i> , 2018 , 118, 26-33	12.9	31
45	Brominated flame retardants in Irish waste polymers: Concentrations, legislative compliance, and treatment options. <i>Science of the Total Environment</i> , 2018 , 625, 1535-1543	10.2	26
44	Perfluoroalkyl Substances in Drinking Water, Indoor Air and Dust from Ireland: Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2019 , 53, 13449-13457	10.3	26
43	In vitro metabolism of BDE-47, BDE-99, and α β HBCD isomers by chicken liver microsomes. <i>Environmental Research</i> , 2015 , 143, 221-8	7.9	22
42	Current exposure to persistent polychlorinated biphenyls (PCBs) and dichlorodiphenyldichloroethylene (p,p'RDDE) of Belgian students from food and dust. <i>Environmental Science & Technology</i> , 2010 , 44, 2870-5	10.3	22
41	Legacy PBDEs and NBFRs 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	10.2	21
40	High-resolution mass spectrometry provides novel insights into products of human metabolism of organophosphate and brominated flame retardants. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 1871-83	4.4	21

39	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	10.3	21
38	Children's exposure to hazardous brominated flame retardants in plastic toys. <i>Science of the Total Environment</i> , 2020 , 720, 137623	10.2	20
37	Concentrations of perfluoroalkyl substances in human milk from Ireland: Implications for adult and nursing infant exposure. <i>Chemosphere</i> , 2020 , 246, 125724	8.4	20
36	A critical review of human exposure to organophosphate esters with a focus on dietary intake. <i>Science of the Total Environment</i> , 2021 , 771, 144752	10.2	20
35	Calibration of two passive air sampler configurations for monitoring concentrations of hexabromocyclododecanes in indoor air. <i>Journal of Environmental Monitoring</i> , 2008 , 10, 527-31		19
34	Hexabromocyclododecane and tetrabromobisphenol-A in indoor dust from France, Kazakhstan and Nigeria: Implications for human exposure. <i>Emerging Contaminants</i> , 2016 , 2, 73-79	5.8	18
33	A rapid method for the determination of brominated flame retardant concentrations in plastics and textiles entering the waste stream. <i>Journal of Separation Science</i> , 2017 , 40, 3873-3881	3.4	18
32	Portable X-ray fluorescence for the detection of POP-BFRs in waste plastics. <i>Science of the Total Environment</i> , 2018 , 639, 49-57	10.2	16
31	Atmospheric concentrations, gaseous-particulate distribution, and carcinogenic potential of polycyclic aromatic hydrocarbons in Assiut, Egypt. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 8059-69	5.1	15
30	Polybrominated diphenyl ethers (PBDEs) in English freshwater lakes, 2008-2012. <i>Chemosphere</i> , 2014 , 110, 41-7	8.4	15
29	Emerging and legacy brominated flame retardants in the breast milk of first time Irish mothers suggest positive response to restrictions on use of HBCDD and Penta- and Octa-BDE formulations. <i>Environmental Research</i> , 2020 , 180, 108805	7.9	13
28	Gene expression and metabolic responses of HepG2/C3A cells exposed to flame retardants and dust extracts at concentrations relevant to indoor environmental exposures. <i>Chemosphere</i> , 2016 , 144, 1996-2003	8.4	12
27	Transcriptomic and metabolomic approaches to investigate the molecular responses of human cell lines exposed to the flame retardant hexabromocyclododecane (HBCD). <i>Toxicology in Vitro</i> , 2015 , 29, 2116-23	3.6	11
26	Levels and profiles of organohalogenated contaminants in human blood from Egypt. <i>Chemosphere</i> , 2017 , 176, 266-272	8.4	10
25	HPTLC with fluorescence densitometry for simultaneous determination of some angiotensin II receptor blockers in tablets and plasma. <i>Journal of AOAC INTERNATIONAL</i> , 2015 , 98, 354-60	1.7	9
24	First insight into human extrahepatic metabolism of flame retardants: Biotransformation of EH-TBB and Firemaster-550 components by human skin subcellular fractions. <i>Chemosphere</i> , 2019 , 227, 1-8	8.4	7
23	Status of brominated flame retardants, polychlorinated biphenyls, and polycyclic aromatic hydrocarbons in air and indoor dust in AFRICA: A review. <i>Emerging Contaminants</i> , 2020 , 6, 405-420	5.8	7
22	Microplastics in freshwater sediments: Analytical methods, temporal trends, and risk of associated organophosphate esters as exemplar plastics additives. <i>Environmental Research</i> , 2022 , 203, 111830	7.9	7

21	Application of high-performance thin-layer chromatography for screening and simultaneous determination of some angiotensin II receptor antagonists in dosage forms and plasma. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014 , 27, 192-198	0.9	6
20	Occurrence, human exposure, and risk of microplastics in the indoor environment. <i>Environmental Sciences: Processes and Impacts</i> , 2021 ,	4.3	6
19	Concentrations of polychlorinated biphenyls in soil and indoor dust associated with electricity generation facilities in Lagos, Nigeria. <i>Chemosphere</i> , 2018 , 207, 620-625	8.4	6
18	Temporal trends in concentrations of legacy and novel brominated flame retardants in house dust from Birmingham in the United Kingdom. <i>Emerging Contaminants</i> , 2020 , 6, 323-329	5.8	5
17	Assessment of brominated flame retardants in a small mixed waste electronic and electrical equipment (WEEE) plastic recycling stream in the UK. <i>Science of the Total Environment</i> , 2021 , 780, 146543	10.2	5
16	A meta-analysis of factors influencing concentrations of brominated flame retardants and organophosphate esters in indoor dust. <i>Environmental Pollution</i> , 2021 , 285, 117262	9.3	4
15	Dermal uptake: An important pathway of human exposure to perfluoroalkyl substances?. <i>Environmental Pollution</i> , 2022 , 119478	9.3	3
14	Trends in hexabromocyclododecanes in the UK and North America. <i>Science of the Total Environment</i> , 2019 , 658, 861-867	10.2	2
13	Development of two high-performance thin-layer chromatographic methods for the determination of irbesartan in tablets and plasma. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015 , 28, 83-89	0.9	2
12	Advances in Instrumental Analysis of Brominated Flame Retardants: Current Status and Future Perspectives. <i>International Scholarly Research Notices</i> , 2014 , 2014, 651834	0	2
11	Characterisation of fasted state gastric and intestinal fluids collected from children. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 158, 156-165	5.7	2
10	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	4.3	2
9	Formal waste treatment facilities as a source of halogenated flame retardants and organophosphate esters to the environment: A critical review with particular focus on outdoor air and soil. <i>Science of the Total Environment</i> , 2022 , 807, 150747	10.2	1
8	Exploring variations of hexabromocyclododecane concentrations in riverine sediments along the River Medway, UK. <i>Environmental Sciences: Processes and Impacts</i> , 2021 , 23, 776-785	4.3	1
7	Exposure, risk and predictors of hexabromocyclododecane and Tetrabromobisphenol-A in house dust from urban, rural and E-waste dismantling sites in Thailand.. <i>Chemosphere</i> , 2022 , 302, 134730	8.4	1
6	Dermal uptake of chlorinated organophosphate flame retardants via contact with furniture fabrics; implications for human exposure.. <i>Environmental Research</i> , 2022 , 209, 112847	7.9	0
5	The utility of X-Ray fluorescence spectrometry as a tool for monitoring compliance with limits on concentrations of halogenated flame retardants in waste polymers: A critical review. <i>Emerging Contaminants</i> , 2022 , 8, 9-20	5.8	0
4	Organophosphate esters in indoor and outdoor dust from Iraq: Implications for human exposure. <i>Emerging Contaminants</i> , 2021 , 7, 204-212	5.8	0

- 3 Atmospheric concentrations of polychlorinated biphenyls, brominated flame retardants, and novel flame retardants in Lagos, Nigeria indicate substantial local sources. *Environmental Research*, **2021**, 204, 112091 7.9 0
- 2 Instrumental Analysis of Brominated Flame Retardants **2017**, 515-536
- 1 Response to Comment on "Concentrations of Brominated Flame Retardants in Indoor Air and Dust from Ireland Reveal Elevated Exposure to Decabromodiphenyl Ethane". *Environmental Science & Technology*, **2020**, 54, 11634-11635 10.3