

She-Jun Chen

List of Publications by Year in descending order

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72
papers

5,751
citations

81743

39
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82410

72
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all docs

74
docs citations

74
times ranked

4640
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of Polybrominated Diphenyl Ethers in Sediments of the Pearl River Delta and Adjacent South China Sea. <i>Environmental Science & Technology</i> , 2005, 39, 3521-3527.	4.6	507
2	Heavy metal contamination of soil and water in the vicinity of an abandoned e-waste recycling site: Implications for dissemination of heavy metals. <i>Science of the Total Environment</i> , 2015, 506-507, 217-225.	3.9	303
3	Bioaccumulation of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in wild aquatic species from an electronic waste (e-waste) recycling site in South China. <i>Environment International</i> , 2008, 34, 1109-1113.	4.8	273
4	Occurrence of brominated flame retardants other than polybrominated diphenyl ethers in environmental and biota samples from southern China. <i>Chemosphere</i> , 2009, 74, 910-916.	4.2	259
5	Concentration Levels, Compositional Profiles, and Gas-Particle Partitioning of Polybrominated Diphenyl Ethers in the Atmosphere of an Urban City in South China. <i>Environmental Science & Technology</i> , 2006, 40, 1190-1196.	4.6	223
6	Distribution and Mass Inventories of Polycyclic Aromatic Hydrocarbons and Organochlorine Pesticides in Sediments of the Pearl River Estuary and the Northern South China Sea. <i>Environmental Science & Technology</i> , 2006, 40, 709-714.	4.6	197
7	Heavy metals in food, house dust, and water from an e-waste recycling area in South China and the potential risk to human health. <i>Ecotoxicology and Environmental Safety</i> , 2013, 96, 205-212.	2.9	193
8	Spatial distribution and vertical profile of polybrominated diphenyl ethers, tetrabromobisphenol A, and decabromodiphenylethane in river sediment from an industrialized region of South China. <i>Environmental Pollution</i> , 2009, 157, 1917-1923.	3.7	183
9	Persistent Halogenated Compounds in Waterbirds from an e-Waste Recycling Region in South China. <i>Environmental Science & Technology</i> , 2009, 43, 306-311.	4.6	178
10	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
11	Brominated Flame Retardants in Children's Toys: Concentration, Composition, and Children's Exposure and Risk Assessment. <i>Environmental Science & Technology</i> , 2009, 43, 4200-4206.	4.6	165
12	Brominated flame retardants in house dust from e-waste recycling and urban areas in South China: Implications on human exposure. <i>Environment International</i> , 2010, 36, 535-541.	4.8	153
13	Polybrominated diphenyl ethers in surface sediments of the Yangtze River Delta: Levels, distribution and potential hydrodynamic influence. <i>Environmental Pollution</i> , 2006, 144, 951-957.	3.7	147
14	Occurrence of organophosphorus flame retardants in indoor dust in multiple microenvironments of southern China and implications for human exposure. <i>Chemosphere</i> , 2015, 133, 47-52.	4.2	144
15	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
16	Occurrence of brominated flame retardants (BFRs), organochlorine pesticides (OCPs), and polychlorinated biphenyls (PCBs) in agricultural soils in a BFR-manufacturing region of North China. <i>Science of the Total Environment</i> , 2014, 481, 47-54.	3.9	133
17	Inhalation Cancer Risk Associated with Exposure to Complex Polycyclic Aromatic Hydrocarbon Mixtures in an Electronic Waste and Urban Area in South China. <i>Environmental Science & Technology</i> , 2012, 46, 9745-9752.	4.6	125
18	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

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19	Multiple organ injury in male C57BL/6J mice exposed to ambient particulate matter in a real-ambient PM exposure system in Shijiazhuang, China. <i>Environmental Pollution</i> , 2019, 248, 874-887.	3.7	108
20	Time Trends of Polybrominated Diphenyl Ethers in Sediment Cores from the Pearl River Estuary, South China. <i>Environmental Science & Technology</i> , 2007, 41, 5595-5600.	4.6	94
21	Elevated Levels of Polychlorinated Biphenyls in Plants, Air, and Soils at an E-Waste Site in Southern China and Enantioselective Biotransformation of Chiral PCBs in Plants. <i>Environmental Science & Technology</i> , 2014, 48, 3847-3855.	4.6	84
22	Disruption of thyroid hormone (TH) levels and TH-regulated gene expression by polybrominated diphenyl ethers (PBDEs), polychlorinated biphenyls (PCBs), and hydroxylated PCBs in e-waste recycling workers. <i>Environment International</i> , 2017, 102, 138-144.	4.8	83
23	Measurement and human exposure assessment of brominated flame retardants in household products from South China. <i>Journal of Hazardous Materials</i> , 2010, 176, 979-984.	6.5	80
24	Dechlorane Plus (DP) in air and plants at an electronic waste (e-waste) site in South China. <i>Environmental Pollution</i> , 2011, 159, 1290-1296.	3.7	78
25	Effects of lead, cadmium, arsenic, and mercury co-exposure on children's intelligence quotient in an industrialized area of southern China. <i>Environmental Pollution</i> , 2018, 235, 47-54.	3.7	78
26	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
27	Polychlorinated Biphenyls (PCBs) in Human Hair and Serum from E-Waste Recycling Workers in Southern China: Concentrations, Chiral Signatures, Correlations, and Source Identification. <i>Environmental Science & Technology</i> , 2016, 50, 1579-1586.	4.6	65
28	Legacy and Currently Used Organic Contaminants in Human Hair and Hand Wipes of Female E-Waste Dismantling Workers and Workplace Dust in South China. <i>Environmental Science & Technology</i> , 2019, 53, 2820-2829.	4.6	64
29	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
30	Brominated flame retardants (BFRs) in indoor and outdoor air in a community in Guangzhou, a megacity of southern China. <i>Environmental Pollution</i> , 2016, 212, 457-463.	3.7	62
31	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
32	Brominated flame retardant (BFRs) and Dechlorane Plus (DP) in paired human serum and segmented hair. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 803-808.	2.9	50
33	Legacy and emerging contaminants in coastal surface sediments around Hainan Island in South China. <i>Chemosphere</i> , 2019, 215, 133-141.	4.2	50
34	Occurrence, sources, and ecological risks of PBDEs, PCBs, OCPs, and PAHs in surface sediments of the Yangtze River Delta city cluster, China. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 5285-5295.	1.3	47
35	Organophosphorus esters (OPEs) in PM _{2.5} in urban and e-waste recycling regions in southern China: concentrations, sources, and emissions. <i>Environmental Research</i> , 2018, 167, 437-444.	3.7	47
36	Spatial distribution and seasonal variation of atmospheric bulk deposition of polycyclic aromatic hydrocarbons in Beijing-Tianjin region, North China. <i>Environmental Pollution</i> , 2011, 159, 287-293.	3.7	46

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37	Photolytic degradation of decabromodiphenyl ethane (DBDPE). <i>Chemosphere</i> , 2012, 89, 844-849.	4.2	45
38	Polychlorinated biphenyls in human hair at an e-waste site in China: Composition profiles and chiral signatures in comparison to dust. <i>Environment International</i> , 2013, 54, 128-133.	4.8	43
39	Short-chain chlorinated paraffins in terrestrial bird species inhabiting an e-waste recycling site in South China. <i>Environmental Pollution</i> , 2015, 198, 41-46.	3.7	43
40	Analysis of human hair to assess exposure to organophosphate flame retardants: Influence of hair segments and gender differences. <i>Environmental Research</i> , 2016, 148, 177-183.	3.7	40
41	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
42	The development of a cell-based model for the assessment of carcinogenic potential upon long-term PM _{2.5} exposure. <i>Environment International</i> , 2019, 131, 104943.	4.8	39
43	Inflammation Response of Water-Soluble Fractions in Atmospheric Fine Particulates: A Seasonal Observation in 10 Large Chinese Cities. <i>Environmental Science & Technology</i> , 2019, 53, 3782-3790.	4.6	38
44	Advances in the study of current-use non-PBDE brominated flame retardants and dechlorane plus in the environment and humans. <i>Science China Chemistry</i> , 2010, 53, 961-973.	4.2	37
45	Dechlorane Plus in serum from e-waste recycling workers: Influence of gender and potential isomer-specific metabolism. <i>Environment International</i> , 2012, 49, 31-37.	4.8	33
46	Free and bound polybrominated diphenyl ethers and tetrabromobisphenol A in freshwater sediments. <i>Marine Pollution Bulletin</i> , 2010, 60, 718-724.	2.3	32
47	Biological risk and pollution history of polycyclic aromatic hydrocarbons (PAHs) in Nansha mangrove, South China. <i>Marine Pollution Bulletin</i> , 2014, 85, 92-98.	2.3	32
48	Seasonal variations and source apportionment of complex polycyclic aromatic hydrocarbon mixtures in particulate matter in an electronic waste and urban area in South China. <i>Science of the Total Environment</i> , 2016, 573, 115-122.	3.9	32
49	Organophosphate esters (OPEs) in fine particulate matter (PM _{2.5}) in urban, e-waste, and background regions of South China. <i>Journal of Hazardous Materials</i> , 2020, 385, 121583.	6.5	32
50	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
51	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
52	Removal Efficiency and Risk Assessment of Polycyclic Aromatic Hydrocarbons in a Typical Municipal Wastewater Treatment Facility in Guangzhou, China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 861.	1.2	29
53	Isomers of Dechlorane Plus in an aquatic environment in a highly industrialized area in Southern China: Spatial and vertical distribution, phase partition, and bioaccumulation. <i>Science of the Total Environment</i> , 2014, 481, 1-6.	3.9	28
54	Atmospheric deposition of polycyclic aromatic compounds and associated sources in an urban and a rural area of Chongqing, China. <i>Chemosphere</i> , 2017, 187, 78-87.	4.2	27

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55	In vitro oral and inhalation bioaccessibility of hydrophobic organic contaminants (HOCs) in airborne particles and influence of relevant parameters. <i>Environmental Research</i> , 2019, 170, 134-140.	3.7	26
56	Dichloro-diphenyl-trichloroethanes (DDTs) in human hair and serum in rural and urban areas in South China. <i>Environmental Research</i> , 2017, 155, 279-286.	3.7	25
57	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
58	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
59	Uptake of halogenated organic compounds (HOCs) into peanut and corn during the whole life cycle grown in an agricultural field. <i>Environmental Pollution</i> , 2020, 263, 114400.	3.7	22
60	Changes in human hair levels of organic contaminants reflecting China's regulations on electronic waste recycling. <i>Science of the Total Environment</i> , 2022, 806, 150411.	3.9	19
61	Assessing pollution and risk of polycyclic aromatic hydrocarbons in sewage sludge from wastewater treatment plants in China's top coal-producing region. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 102.	1.3	18
62	Characterization and risk assessment of total suspended particles (TSP) and fine particles (PM _{2.5}) in a rural transformational e-waste recycling region of Southern China. <i>Science of the Total Environment</i> , 2019, 692, 432-440.	3.9	15
63	Species-specific and structure-dependent debromination of polybrominated diphenyl ether in fish by in vitro hepatic metabolism. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2005-2011.	2.2	14
64	Characterization of airborne particles and cytotoxicity to a human lung cancer cell line in Guangzhou, China. <i>Environmental Research</i> , 2021, 196, 110953.	3.7	14
65	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
66	Traditional and novel organophosphate esters (OPEs) in PM _{2.5} of a megacity, southern China: Spatioseasonal variations, sources, and influencing factors. <i>Environmental Pollution</i> , 2021, 284, 117208.	3.7	12
67	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
68	Semi-volatile organic compounds in fine particulate matter on a tropical island in the South China Sea. <i>Journal of Hazardous Materials</i> , 2022, 426, 128071.	6.5	11
69	Effects of carbonaceous materials and particle size on oral and inhalation bioaccessibility of PAHs and OPEs in airborne particles. <i>Environmental Science and Pollution Research</i> , 2021, 28, 62133-62141.	2.7	10
70	PM _{2.5} -bound phthalates and phthalate substitutes in a megacity of southern China: spatioseasonal variations, source apportionment, and risk assessment. <i>Environmental Science and Pollution Research</i> , 2022, 29, 37737-37747.	2.7	10
71	Accumulation and translocation of traditional and novel organophosphate esters and phthalic acid esters in plants during the whole life cycle. <i>Chemosphere</i> , 2022, 307, 135670.	4.2	8
72	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