

Yu-Xin Sun

List of Publications by Citations

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,768
citations

22
h-index

41
g-index

51
ext. papers

2,171
ext. citations

8.1
avg. IF

4.71
L-index

#	Paper	IF	Citations
49	Heavy metal pollution in coastal areas of South China: a review. <i>Marine Pollution Bulletin</i> , 2013 , 76, 7-15	6.7	277
48	Bentonite-supported nanoscale zero-valent iron/persulfate system for the simultaneous removal of Cr(VI) and phenol from aqueous solutions. <i>Chemical Engineering Journal</i> , 2016 , 302, 213-222	14.7	141
47	Effects of understory removal and tree girdling on soil microbial community composition and litter decomposition in two Eucalyptus plantations in South China. <i>Functional Ecology</i> , 2011 , 25, 921-931	5.6	108
46	Simultaneous removal of Cr(VI) and phenol by persulfate activated with bentonite-supported nanoscale zero-valent iron: Reactivity and mechanism. <i>Journal of Hazardous Materials</i> , 2016 , 316, 186-93	12.8	103
45	Sorption and desorption of phenanthrene on biodegradable poly(butylene adipate co-terephthalate) microplastics. <i>Chemosphere</i> , 2019 , 215, 25-32	8.4	101
44	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	10.2	92
43	Heavy metal and organic contaminants in mangrove ecosystems of China: a review. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11938-50	5.1	88
42	Brominated flame retardants in mangrove sediments of the Pearl River Estuary, South China: spatial distribution, temporal trend and mass inventory. <i>Chemosphere</i> , 2015 , 123, 26-32	8.4	57
41	Photocatalytic degradation of malachite green by pyrite and its synergism with Cr(VI) reduction: Performance and reaction mechanism. <i>Separation and Purification Technology</i> , 2015 , 154, 168-175	8.3	56
40	Brominated flame retardants in three terrestrial passerine birds from South China: geographical pattern and implication for potential sources. <i>Environmental Pollution</i> , 2012 , 162, 381-8	9.3	55
39	Persistent organic pollutants in marine fish from Yongxing Island, South China Sea: levels, composition profiles and human dietary exposure assessment. <i>Chemosphere</i> , 2014 , 98, 84-90	8.4	49
38	INTRODUCED EUCALYPTUS UROPHYLLA PLANTATIONS CHANGE THE COMPOSITION OF THE SOIL MICROBIAL COMMUNITY IN SUBTROPICAL CHINA. <i>Land Degradation and Development</i> , 2013 , 24, 400-406	4.4	44
37	Hexabromocyclododecane in terrestrial passerine birds from e-waste, urban and rural locations in the Pearl River Delta, South China: levels, biomagnification, diastereoisomer- and enantiomer-specific accumulation. <i>Environmental Pollution</i> , 2012 , 171, 191-8	9.3	39
36	Bioaccumulation and biomagnification of halogenated organic pollutants in mangrove biota from the Pearl River Estuary, South China. <i>Marine Pollution Bulletin</i> , 2015 , 99, 150-6	6.7	36
35	Short-chain chlorinated paraffins in terrestrial bird species inhabiting an e-waste recycling site in South China. <i>Environmental Pollution</i> , 2015 , 198, 41-6	9.3	35
34	Microplastics in mangrove sediments of the Pearl River Estuary, South China: Correlation with halogenated flame retardants levels. <i>Science of the Total Environment</i> , 2020 , 725, 138344	10.2	34
33	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	6.7	29

32	Organophosphorus flame retardants in mangrove sediments from the Pearl River Estuary, South China. <i>Chemosphere</i> , 2017 , 181, 433-439	8.4	29
31	Species- and tissue-specific accumulation of Dechlorane Plus in three terrestrial passerine bird species from the Pearl River Delta, South China. <i>Chemosphere</i> , 2012 , 89, 445-51	8.4	28
30	Biota-sediment accumulation factors for Dechlorane Plus in bottom fish from an electronic waste recycling site, South China. <i>Environment International</i> , 2011 , 37, 1357-61	12.9	25
29	Soil carbon storage in mangroves is primarily controlled by soil properties: A study at Dongzhai Bay, China. <i>Science of the Total Environment</i> , 2018 , 619-620, 1226-1235	10.2	24
28	Responses of soil microbial communities to prescribed burning in two paired vegetation sites in southern China. <i>Ecological Research</i> , 2011 , 26, 669-677	1.9	23
27	Glacial Melt Inputs of Organophosphate Ester Flame Retardants to the Largest High Arctic Lake. <i>Environmental Science & Technology</i> , 2020 , 54, 2734-2743	10.3	22
26	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	7.9	21
25	Dechlorane Plus flame retardant in kingfishers (<i>Alcedo atthis</i>) from an electronic waste recycling site and a reference site, South China: influence of residue levels on the isomeric composition. <i>Environmental Pollution</i> , 2013 , 174, 57-62	9.3	20
24	Alteration of Diastereoisomeric and Enantiomeric Profiles of Hexabromocyclododecanes (HBCDs) in Adult Chicken Tissues, Eggs, and Hatchling Chickens. <i>Environmental Science & Technology</i> , 2017 , 51, 5492-5499	10.3	19
23	Occurrence of persistent organic pollutants in marine fish from the Natuna Island, South China Sea. <i>Marine Pollution Bulletin</i> , 2014 , 85, 274-9	6.7	18
22	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	9.3	17
21	Halogenated flame retardants in mangrove sediments from the Pearl River Estuary, South China: Comparison with historical data and correlation with microbial community. <i>Chemosphere</i> , 2019 , 227, 315-322	8.4	16
20	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, 442-7	8.4	16
19	Plastic debris in marine birds from an island located in the South China Sea. <i>Marine Pollution Bulletin</i> , 2019 , 149, 110566	6.7	15
18	Tetrabromobisphenol A and hexabromocyclododecanes in sediments and biota from two typical mangrove wetlands of South China: Distribution, bioaccumulation and biomagnification. <i>Science of the Total Environment</i> , 2021 , 750, 141695	10.2	15
17	PCBs and DDTs in light-vented bulbuls from Guangdong Province, South China: levels, geographical pattern and risk assessment. <i>Science of the Total Environment</i> , 2014 , 490, 815-21	10.2	14
16	Surface sediment quality relative to port activities: A contaminant-spectrum assessment. <i>Science of the Total Environment</i> , 2017 , 596-597, 342-350	10.2	13
15	Bioaccumulation and translocation of tetrabromobisphenol A and hexabromocyclododecanes in mangrove plants from a national nature reserve of Shenzhen City, South China. <i>Environment International</i> , 2019 , 129, 239-246	12.9	13

14	Spatial and Vertical Distribution of Dechlorane Plus in Mangrove Sediments of the Pearl River Estuary, South China. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 71, 359-64	3.2	13
13	Selection of passerine birds as bio-sentinel of persistent organic pollutants in terrestrial environment. <i>Science of the Total Environment</i> , 2018 , 633, 1237-1244	10.2	9
12	Occurrence of organic pollutants in plastics on beach: Stranded foams can be sources of pollutants in islands. <i>Science of the Total Environment</i> , 2020 , 707, 136119	10.2	8
11	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	7	7
10	Responses of soil microbial and nematode communities to aluminum toxicity in vegetated oil-shale-waste lands. <i>Ecotoxicology</i> , 2012 , 21, 2132-42	2.9	7
9	Levels of five metals in male hair from urban and rural areas of Chongqing, China. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 22163-22171	5.1	6
8	Geographical distribution and risk assessment of persistent organic pollutants in golden threads (<i>Nemipterus virgatus</i>) from the northern South China Sea. <i>Ecotoxicology</i> , 2015 , 24, 1593-600	2.9	6
7	Occurrence of decabromodiphenyl ethane in captive Chinese alligators (<i>Alligator sinensis</i>) from China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015 , 94, 12-6	2.7	5
6	Do bird assemblages predict susceptibility by e-waste pollution? A comparative study based on species- and guild-dependent responses in China agroecosystems. <i>PLoS ONE</i> , 2015 , 10, e0122264	3.7	5
5	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	6.7	4
4	Halogenated flame retardants in surface sediments from fourteen estuaries, South China. <i>Marine Pollution Bulletin</i> , 2021 , 164, 112099	6.7	3
3	Bioaccumulation and translocation of organophosphate esters in a Mangrove Nature Reserve from the Pearl River Estuary, South China. <i>Journal of Hazardous Materials</i> , 2021 , 427, 127909	12.8	2
2	Evidence for complex sources of persistent halogenated compounds in birds from the south China sea. <i>Environmental Research</i> , 2020 , 185, 109462	7.9	0
1	Semi-volatile organic compounds in fine particulate matter on a tropical island in the South China Sea.. <i>Journal of Hazardous Materials</i> , 2021 , 426, 128071	12.8	0