

Yu-Xin Sun

List of Publications by Year in descending order

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51
papers

2,562
citations

218677

26
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

2899
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy metal pollution in coastal areas of South China: A review. <i>Marine Pollution Bulletin</i> , 2013, 76, 7-15.	5.0	376
2	Sorption and desorption of phenanthrene on biodegradable poly(butylene adipate co-terephthalate) microplastics. <i>Chemosphere</i> , 2019, 215, 25-32.	8.2	204
3	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.	12.7	195
4	Heavy metal and organic contaminants in mangrove ecosystems of China: a review. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11938-11950.	5.3	137
5	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.	3.6	134
6	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, 186-193.	12.4	129
7	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.	8.0	118
8	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.	8.0	84
9	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.	7.9	74
10	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.	8.2	69
11	Brominated flame retardants in three terrestrial passerine birds from South China: Geographical pattern and implication for potential sources. <i>Environmental Pollution</i> , 2012, 162, 381-388.	7.5	62
12	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.	8.2	60
13	INTRODUCED <i>EUCALYPTUS UROPHYLLA</i> PLANTATIONS CHANGE THE COMPOSITION OF THE SOIL MICROBIAL COMMUNITY IN SUBTROPICAL CHINA. <i>Land Degradation and Development</i> , 2013, 24, 400-406.	3.9	55
14	Organophosphorus flame retardants in mangrove sediments from the Pearl River Estuary, South China. <i>Chemosphere</i> , 2017, 181, 433-439.	8.2	52
15	Bioaccumulation and biomagnification of halogenated organic pollutants in mangrove biota from the Pearl River Estuary, South China. <i>Marine Pollution Bulletin</i> , 2015, 99, 150-156.	5.0	44
16	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.	8.0	44
17	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.	7.5	43
18	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, 191-198.	7.5	42

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19	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.	5.0	42
20	Glacial Melt Inputs of Organophosphate Ester Flame Retardants to the Largest High Arctic Lake. <i>Environmental Science & Technology</i> , 2020, 54, 2734-2743.	10.0	39
21	Plastic debris in marine birds from an island located in the South China Sea. <i>Marine Pollution Bulletin</i> , 2019, 149, 110566.	5.0	38
22	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.	7.5	33
23	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.	8.0	32
24	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, 445-451.	8.2	29
25	Responses of soil microbial communities to prescribed burning in two paired vegetation sites in southern China. <i>Ecological Research</i> , 2011, 26, 669-677.	1.5	28
26	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.	10.0	28
27	Biota-sediment accumulation factors for Dechlorane Plus in bottom fish from an electronic waste recycling site, South China. <i>Environment International</i> , 2011, 37, 1357-1361.	10.0	27
28	Occurrence of persistent organic pollutants in marine fish from the Natuna Island, South China Sea. <i>Marine Pollution Bulletin</i> , 2014, 85, 274-279.	5.0	26
29	Bioaccumulation and translocation of organophosphate esters in a Mangrove Nature Reserve from the Pearl River Estuary, South China. <i>Journal of Hazardous Materials</i> , 2022, 427, 127909.	12.4	26
30	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.	8.2	25
31	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.	10.0	24
32	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.	7.5	24
33	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.	7.5	22
34	Surface sediment quality relative to port activities: A contaminant-spectrum assessment. <i>Science of the Total Environment</i> , 2017, 596-597, 342-350.	8.0	21
35	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.	8.2	17
36	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, 815-821.	8.0	17

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37	Spatial and Vertical Distribution of Dechlorane Plus in Mangrove Sediments of the Pearl River Estuary, South China. Archives of Environmental Contamination and Toxicology, 2016, 71, 359-364.	4.1	17
38	Selection of passerine birds as bio-sentinel of persistent organic pollutants in terrestrial environment. Science of the Total Environment, 2018, 633, 1237-1244.	8.0	13
39	Persistent organic pollutants (POPs) in oriental magpie-robins from e-waste, urban, and rural sites: Site-specific biomagnification of POPs. Ecotoxicology and Environmental Safety, 2019, 186, 109758.	6.0	13
40	Occurrence of organic pollutants in plastics on beach: Stranded foams can be sources of pollutants in islands. Science of the Total Environment, 2020, 707, 136119.	8.0	12
41	Polybrominated diphenyl ethers, decabromodiphenyl ethane and dechlorane plus in aquatic products from the Yellow River Delta, China. Marine Pollution Bulletin, 2020, 161, 111733.	5.0	12
42	Semi-volatile organic compounds in fine particulate matter on a tropical island in the South China Sea. Journal of Hazardous Materials, 2022, 426, 128071.	12.4	11
43	Do Bird Assemblages Predict Susceptibility by E-Waste Pollution? A Comparative Study Based on Species- and Guild-Dependent Responses in China Agroecosystems. PLoS ONE, 2015, 10, e0122264.	2.5	10
44	Occurrence of Decabromodiphenyl Ethane in Captive Chinese Alligators (<i>Alligator sinensis</i>) from China. Bulletin of Environmental Contamination and Toxicology, 2015, 94, 12-16.	2.7	10
45	Levels of five metals in male hair from urban and rural areas of Chongqing, China. Environmental Science and Pollution Research, 2016, 23, 22163-22171.	5.3	10
46	Responses of soil microbial and nematode communities to aluminum toxicity in vegetated oil-shale-waste lands. Ecotoxicology, 2012, 21, 2132-2142.	2.4	9
47	Halogenated flame retardants in surface sediments from fourteen estuaries, South China. Marine Pollution Bulletin, 2021, 164, 112099.	5.0	9
48	Accumulation and translocation of traditional and novel organophosphate esters and phthalic acid esters in plants during the whole life cycle. Chemosphere, 2022, 307, 135670.	8.2	8
49	Geographical distribution and risk assessment of persistent organic pollutants in golden threads (<i>Nemipterus virgatus</i>) from the northern South China Sea. Ecotoxicology, 2015, 24, 1593-1600.	2.4	7
50	Evidence for complex sources of persistent halogenated compounds in birds from the south China sea. Environmental Research, 2020, 185, 109462.	7.5	1
51	Bioaccumulation and Biomagnification of Polychlorinated Biphenyls and Dichlorodiphenyltrichloroethane in Biota from Qilanyu Island, South China Sea. Toxics, 2022, 10, 324.	3.7	0