

Yu-Xin Sun

List of Publications by Year in descending order

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51
papers

2,562
citations

218381

26
h-index

189595

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.	2.3	376
2	Sorption and desorption of phenanthrene on biodegradable poly(butylene adipate co-terephthalate) microplastics. <i>Chemosphere</i> , 2019, 215, 25-32.	4.2	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.	6.6	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.	2.7	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.	1.7	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.	6.5	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.	3.9	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.	3.9	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.	3.9	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.	4.2	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.	3.7	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.	4.2	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.	1.8	55
14	Organophosphorus flame retardants in mangrove sediments from the Pearl River Estuary, South China. <i>Chemosphere</i> , 2017, 181, 433-439.	4.2	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.	2.3	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.	3.9	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.	3.7	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.	3.7	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.	2.3	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.	4.6	39
21	Plastic debris in marine birds from an island located in the South China Sea. <i>Marine Pollution Bulletin</i> , 2019, 149, 110566.	2.3	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.	3.7	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.	3.9	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.	4.2	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.	0.7	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.	4.8	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.	4.8	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.	2.3	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.	6.5	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.	4.2	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.	4.6	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.	3.7	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.	3.7	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.	3.9	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.	4.2	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.	3.9	17

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37	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, 359-364.	2.1	17
38	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.	3.9	13
39	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
40	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.	3.9	12
41	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
42	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
43	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.	1.1	10
44	Occurrence of Decabromodiphenyl Ethane in Captive Chinese Alligators (<i>Alligator sinensis</i>) from China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 94, 12-16.	1.3	10
45	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.	2.7	10
46	Responses of soil microbial and nematode communities to aluminum toxicity in vegetated oil-shale-waste lands. <i>Ecotoxicology</i> , 2012, 21, 2132-2142.	1.1	9
47	Halogenated flame retardants in surface sediments from fourteen estuaries, South China. <i>Marine Pollution Bulletin</i> , 2021, 164, 112099.	2.3	9
48	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
49	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, 1593-1600.	1.1	7
50	Evidence for complex sources of persistent halogenated compounds in birds from the south China sea. <i>Environmental Research</i> , 2020, 185, 109462.	3.7	1
51	Bioaccumulation and Biomagnification of Polychlorinated Biphenyls and Dichlorodiphenyltrichloroethane in Biota from Qilianyu Island, South China Sea. <i>Toxics</i> , 2022, 10, 324.	1.6	0