

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	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
2	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.	12.4	11
3	Bioaccumulation and Biomagnification of Polychlorinated Biphenyls and Dichlorodiphenyltrichloroethane in Biota from Qilanyu Island, South China Sea. <i>Toxics</i> , 2022, 10, 324.	3.7	0
4	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.	8.2	8
5	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
6	Halogenated flame retardants in surface sediments from fourteen estuaries, South China. <i>Marine Pollution Bulletin</i> , 2021, 164, 112099.	5.0	9
7	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.	8.0	12
8	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
9	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
10	Evidence for complex sources of persistent halogenated compounds in birds from the south China sea. <i>Environmental Research</i> , 2020, 185, 109462.	7.5	1
11	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
12	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.	5.0	12
13	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.	6.0	13
14	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
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.	10.0	28
16	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
17	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
18	Sorption and desorption of phenanthrene on biodegradable poly(butylene adipate co-terephthalate) microplastics. <i>Chemosphere</i> , 2019, 215, 25-32.	8.2	204

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19	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.	8.0	13
20	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
21	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
22	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
23	Organophosphorus flame retardants in mangrove sediments from the Pearl River Estuary, South China. <i>Chemosphere</i> , 2017, 181, 433-439.	8.2	52
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.	10.0	24
25	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
26	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.	5.3	10
27	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.	4.1	17
28	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
29	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.	2.5	10
30	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.	2.4	7
31	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
32	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
33	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
34	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
35	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.	2.7	10
36	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

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37	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
38	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
39	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
40	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
41	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
42	Heavy metal pollution in coastal areas of South China: A review. <i>Marine Pollution Bulletin</i> , 2013, 76, 7-15.	5.0	376
43	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
44	Responses of soil microbial and nematode communities to aluminum toxicity in vegetated oil-shale-waste lands. <i>Ecotoxicology</i> , 2012, 21, 2132-2142.	2.4	9
45	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
46	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
47	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
48	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
49	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
50	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
51	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