

Xingjian Yang

List of Publications by Citations

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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.

23
papers

256
citations

10
h-index

15
g-index

25
ext. papers

376
ext. citations

7.8
avg, IF

3.29
L-index

#	Paper	IF	Citations
23	Relative roles of H-atom transfer and electron transfer in the debromination of polybrominated diphenyl ethers by palladized nanoscale zerovalent iron. <i>Environmental Pollution</i> , 2017 , 222, 331-337	9.3	34
22	Cosolubilization of 4,4'-dibromodiphenyl ether, naphthalene and pyrene mixtures in various surfactant micelles. <i>Chemical Engineering Journal</i> , 2015 , 260, 74-82	14.7	34
21	Competitive solubilization of 4,4'-dibromodiphenyl ether, naphthalene, and pyrene mixtures in Triton X series surfactant micelles: The effect of hydrophilic chains. <i>Chemical Engineering Journal</i> , 2015 , 274, 84-93	14.7	25
20	Spectroscopic investigation of Cu, Pb and Cd adsorption behaviors by chitosan-coated argillaceous limestone: Competition and mechanisms. <i>Environmental Pollution</i> , 2019 , 254, 112938	9.3	19
19	Synergistic solubilization of low-brominated diphenyl ether mixtures in nonionic surfactant micelles. <i>Journal of Molecular Liquids</i> , 2016 , 223, 252-260	6	17
18	Occurrence and distribution of natural and synthetic progestins, androgens, and estrogens in soils from agricultural production areas in China. <i>Science of the Total Environment</i> , 2021 , 751, 141766	10.2	15
17	KOH modification effectively enhances the Cd and Pb adsorption performance of N-enriched biochar derived from waste chicken feathers. <i>Waste Management</i> , 2021 , 130, 82-92	8.6	15
16	Photodebromination behaviors of polybrominated diphenyl ethers in methanol/water systems: Mechanisms and predicting descriptors. <i>Science of the Total Environment</i> , 2017 , 595, 666-672	10.2	13
15	Biodegradation of petroleum hydrocarbons and changes in microbial community structure in sediment under nitrate-, ferric-, sulfate-reducing and methanogenic conditions. <i>Journal of Environmental Management</i> , 2019 , 249, 109425	7.9	12
14	Adsorption mechanism of two pesticides on polyethylene and polypropylene microplastics: DFT calculations and particle size effects. <i>Environmental Pollution</i> , 2021 , 291, 118120	9.3	10
13	Sorption, desorption, and transformation of synthetic progestins in soil and sediment systems. <i>Geoderma</i> , 2020 , 362, 114141	6.7	9
12	Sorption, transport, and transformation of natural and synthetic progestins in soil-water systems. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121482	12.8	7
11	Bacterial community composition and function succession under aerobic and anaerobic conditions impacts the biodegradation of 17 β -estradiol and its environmental risk. <i>Environmental Pollution</i> , 2020 , 267, 115155	9.3	6
10	Detection and quantification of metastable photoproducts of trenbolone and altrenogest using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1603, 150-159	4.5	6
9	Solubilization of 4,4'-dibromodiphenyl ether under combined TX-100 and cosolvents. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 3856-64	5.1	5
8	Estimation of n-Octanol/Water Partition Coefficients (log K _{OW}) of Polychlorinated Biphenyls by Using Quantum Chemical Descriptors and Partial Least Squares. <i>Journal of Chemistry</i> , 2013 , 2013, 1-8	2.3	5
7	Simultaneous PAHs degradation, odour mitigation and energy harvesting by sediment microbial fuel cell coupled with nitrate-induced biostimulation. <i>Journal of Environmental Management</i> , 2021 , 284, 112045	7.9	5

6	Removal of cadmium and tetracycline by lignin hydrogels loaded with nano-FeS: Nanoparticle size control and content calculation. <i>Journal of Hazardous Materials</i> , 2021 , 416, 126262	12.8	5
5	Determination of decabrominated diphenyl ether in soils by Soxhlet extraction and high performance liquid chromatography. <i>Scientific World Journal, The</i> , 2013 , 2013, 840376	2.2	4
4	Sorption and desorption of seven steroidal synthetic progestins in five agricultural soil-water systems. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 196, 110586	7	4
3	Sorption and transport of trenbolone and altrenogest photoproducts in soil-water systems. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 1650-1663	4.3	3
2	Runoff Losses in Nitrogen and Phosphorus From Paddy and Maize Cropping Systems: A Field Study in Dongjiang Basin, South China. <i>Frontiers in Plant Science</i> , 2021 , 12, 675121	6.2	2
1	Sorption and desorption of sex hormones in soil- and sediment-water systems: A review. <i>Soil Ecology Letters</i> , 1	2.7	0