

Yujie Wang

List of Publications by Year in Descending Order

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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.

40
papers

817
citations

18
h-index

27
g-index

41
ext. papers

1,068
ext. citations

7.4
avg, IF

4.29
L-index

#	Paper	IF	Citations
40	Effect of ultrasound on ionic liquid-hydrochloric acid pretreatment with rice straw. <i>Biomass Conversion and Biorefinery</i> , 2021 , 11, 1749-1757	2.3	12
39	Co-precipitation of Cu and Zn in precipitation of struvite. <i>Science of the Total Environment</i> , 2021 , 764, 144269	10.2	11
38	Conversion of rice husk into fermentable sugar and silica using acid-catalyzed ionic liquid pretreatment. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 40715-40723	5.1	1
37	Enhancement and analysis of Anthracene degradation by Tween 80 in LMS-HOBt. <i>Scientific Reports</i> , 2021 , 11, 13121	4.9	0
36	Organophosphate flame retardants, tetrabromobisphenol A, and their transformation products in sediment of e-waste dismantling areas and the flame-retardant production base. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 225, 112717	7	5
35	Factors influencing heavy metal availability and risk assessment of soils at typical metal mines in Eastern China. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123289	12.8	60
34	Reactor characterization and primary application of a state of art dual-reactor chamber in the investigation of atmospheric photochemical processes. <i>Journal of Environmental Sciences</i> , 2020 , 98, 161-168	6.4	3
33	Co-transport and competitive retention of different ionic rare earth elements (REEs) in quartz sand: Effect of kaolinite. <i>Science of the Total Environment</i> , 2020 , 722, 137779	10.2	6
32	Autochthonous bioaugmentation with non-direct degraders: A new strategy to enhance wastewater bioremediation performance. <i>Environment International</i> , 2020 , 136, 105473	12.9	6
31	Spatial and temporal distribution characteristics and ozone formation potentials of volatile organic compounds from three typical functional areas in China. <i>Environmental Research</i> , 2020 , 183, 109141	7.9	14
30	Contamination profiles and potential health risks of organophosphate flame retardants in PM from Guangzhou and Taiyuan, China. <i>Environment International</i> , 2020 , 134, 105343	12.9	23
29	Distribution and Chiral Signatures of Polychlorinated Biphenyls (PCBs) in Soils and Vegetables around an e-Waste Recycling Site. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 10542-10549	5.7	3
28	Facile Synthesis of Porous ZnO Nanoparticles Efficient for Photocatalytic Degradation of Biomass-Derived Bisphenol A Under Simulated Sunlight Irradiation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 616780	5.8	9
27	Role of liquid water in the formation of O ₃ and SOA particles from 1,2,3-trimethylbenzene. <i>Atmospheric Environment</i> , 2019 , 217, 116955	5.3	13
26	An ultrasensitive homogeneous aptasensor for carcinoembryonic antigen based on upconversion fluorescence resonance energy transfer. <i>Talanta</i> , 2019 , 195, 33-39	6.2	33
25	The complex interactions between novel DEHP-metabolising bacteria and the microbes in agricultural soils. <i>Science of the Total Environment</i> , 2019 , 660, 733-740	10.2	18
24	Enhanced oxytetracycline removal coupling with increased power generation using a self-sustained photo-bioelectrochemical fuel cell. <i>Chemosphere</i> , 2019 , 221, 21-29	8.4	23

23	Electrochemical and microbial community responses of electrochemically active biofilms to copper ions in bioelectrochemical systems. <i>Chemosphere</i> , 2018 , 196, 377-385	8.4	16
22	Long-term effect of carbon nanotubes on electrochemical properties and microbial community of electrochemically active biofilms in microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 16240-16247	6.7	10
21	Inhibitory effect of cadmium(II) ion on anodic electrochemically active biofilms performance in bioelectrochemical systems. <i>Chemosphere</i> , 2018 , 211, 202-209	8.4	9
20	Production of polyhydroxyalkanoates (PHA) using sludge from different wastewater treatment processes and the potential for medical and pharmaceutical applications. <i>Environmental Technology (United Kingdom)</i> , 2017 , 38, 1779-1791	2.6	19
19	Enhanced bioelectricity generation and azo dye treatment in a reversible photo-bioelectrochemical cell by using novel anthraquinone-2,6-disulfonate (AQDS)/MnO-doped polypyrrole film electrodes. <i>Bioresource Technology</i> , 2017 , 225, 40-47	11	8
18	The influence of e-waste recycling on the molecular ecological network of soil microbial communities in Pakistan and China. <i>Environmental Pollution</i> , 2017 , 231, 173-181	9.3	33
17	Reflection of Stereoselectivity during the Uptake and Acropetal Translocation of Chiral PCBs in Plants in the Presence of Copper. <i>Environmental Science & Technology</i> , 2017 , 51, 13834-13841	10.3	12
16	Novel bacteria capable of degrading phenanthrene in activated sludge revealed by stable-isotope probing coupled with high-throughput sequencing. <i>Biodegradation</i> , 2017 , 28, 423-436	4.1	28
15	Analysis of the Metabolites of Indole Degraded by an Isolated L1. <i>BioMed Research International</i> , 2017 , 2017, 2564363	3	10
14	Characterisation and risk assessment of polycyclic aromatic hydrocarbons (PAHs) in soils and plants around e-waste dismantling sites in southern China. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22173-22182	5.1	10
13	Thermogravimetric characteristics of textile dyeing sludge, coal and their blend in N ₂ /O ₂ and CO ₂ /O ₂ atmospheres. <i>Applied Thermal Engineering</i> , 2017 , 111, 87-94	5.8	40
12	Effect of particle water on ozone and secondary organic aerosol formation from benzene-NO ₂ -NaCl irradiations. <i>Atmospheric Environment</i> , 2016 , 140, 386-394	5.3	19
11	Degradation of polycyclic aromatic hydrocarbons (PAHs) in textile dyeing sludge with ultrasound and Fenton processes: Effect of system parameters and synergistic effect study. <i>Journal of Hazardous Materials</i> , 2016 , 307, 7-16	12.8	48
10	Could Uptake and Acropetal Translocation of PBDEs by Corn Be Enhanced Following Cu Exposure? Evidence from a Root Damage Experiment. <i>Environmental Science & Technology</i> , 2016 , 50, 856-63	10.3	34
9	Degradation of aromatic amines in textile-dyeing sludge by combining the ultrasound technique with potassium permanganate treatment. <i>Journal of Hazardous Materials</i> , 2016 , 314, 1-10	12.8	35
8	Effect of K ₂ FeO ₄ /US treatment on textile dyeing sludge disintegration and dewaterability. <i>Journal of Environmental Management</i> , 2015 , 162, 81-6	7.9	12
7	Enhanced dewaterability of textile dyeing sludge using micro-electrolysis pretreatment. <i>Journal of Environmental Management</i> , 2015 , 161, 181-187	7.9	25
6	Decolorization and biodegradation of the Congo red by <i>Acinetobacter baumannii</i> YNWH 226 and its polymer production's flocculation and dewatering potential. <i>Bioresource Technology</i> , 2015 , 194, 233-9	11	38

5	Simultaneous enhanced removal of Cu, PCBs, and PBDEs by corn from e-waste-contaminated soil using the biodegradable chelant EDDS. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 18203-10 ^{5.1}	14
4	Identification of benzo[a]pyrene-metabolizing bacteria in forest soils by using DNA-based stable-isotope probing. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 7368-76	4.8 70
3	An experimental and thermodynamic equilibrium investigation of the Pb, Zn, Cr, Cu, Mn and Ni partitioning during sewage sludge incineration. <i>Journal of Environmental Sciences</i> , 2015 , 35, 43-54	6.4 58
2	Decolorization and biodegradation of the azo dye Congo red by an isolated <i>Acinetobacter baumannii</i> YNWH 226. <i>Biotechnology and Bioprocess Engineering</i> , 2014 , 19, 687-695	3.1 21
1	In vitro hemocompatibility evaluation of poly (4-hydroxybutyrate) scaffold. <i>International Journal of Clinical and Experimental Medicine</i> , 2014 , 7, 1233-43	8