

# Yujie Wang

## List of Publications by Citations

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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	Identification of benzo[a]pyrene-metabolizing bacteria in forest soils by using DNA-based stable-isotope probing. <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 7368-76	4.8	70
39	Factors influencing heavy metal availability and risk assessment of soils at typical metal mines in Eastern China. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 400, 123289	12.8	60
38	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> , <b>2015</b> , 35, 43-54	6.4	58
37	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> , <b>2016</b> , 307, 7-16	12.8	48
36	Thermogravimetric characteristics of textile dyeing sludge, coal and their blend in N <sub>2</sub> /O <sub>2</sub> and CO <sub>2</sub> /O <sub>2</sub> atmospheres. <i>Applied Thermal Engineering</i> , <b>2017</b> , 111, 87-94	5.8	40
35	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> , <b>2015</b> , 194, 233-9	11	38
34	Degradation of aromatic amines in textile-dyeing sludge by combining the ultrasound technique with potassium permanganate treatment. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 314, 1-10	12.8	35
33	Could Uptake and Acropetal Translocation of PBDEs by Corn Be Enhanced Following Cu Exposure? Evidence from a Root Damage Experiment. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 856-63	10.3	34
32	The influence of e-waste recycling on the molecular ecological network of soil microbial communities in Pakistan and China. <i>Environmental Pollution</i> , <b>2017</b> , 231, 173-181	9.3	33
31	An ultrasensitive homogeneous aptasensor for carcinoembryonic antigen based on upconversion fluorescence resonance energy transfer. <i>Talanta</i> , <b>2019</b> , 195, 33-39	6.2	33
30	Novel bacteria capable of degrading phenanthrene in activated sludge revealed by stable-isotope probing coupled with high-throughput sequencing. <i>Biodegradation</i> , <b>2017</b> , 28, 423-436	4.1	28
29	Enhanced dewaterability of textile dyeing sludge using micro-electrolysis pretreatment. <i>Journal of Environmental Management</i> , <b>2015</b> , 161, 181-187	7.9	25
28	Contamination profiles and potential health risks of organophosphate flame retardants in PM from Guangzhou and Taiyuan, China. <i>Environment International</i> , <b>2020</b> , 134, 105343	12.9	23
27	Enhanced oxytetracycline removal coupling with increased power generation using a self-sustained photo-bioelectrochemical fuel cell. <i>Chemosphere</i> , <b>2019</b> , 221, 21-29	8.4	23
26	Decolorization and biodegradation of the azo dye Congo red by an isolated <i>Acinetobacter baumannii</i> YNWH 226. <i>Biotechnology and Bioprocess Engineering</i> , <b>2014</b> , 19, 687-695	3.1	21
25	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> , <b>2017</b> , 38, 1779-1791	2.6	19
24	Effect of particle water on ozone and secondary organic aerosol formation from benzene-NO <sub>2</sub> -NaCl irradiations. <i>Atmospheric Environment</i> , <b>2016</b> , 140, 386-394	5.3	19

23	The complex interactions between novel DEHP-metabolising bacteria and the microbes in agricultural soils. <i>Science of the Total Environment</i> , <b>2019</b> , 660, 733-740	10.2	18
22	Electrochemical and microbial community responses of electrochemically active biofilms to copper ions in bioelectrochemical systems. <i>Chemosphere</i> , <b>2018</b> , 196, 377-385	8.4	16
21	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> , <b>2015</b> , 22, 18203-10	5.1	14
20	Spatial and temporal distribution characteristics and ozone formation potentials of volatile organic compounds from three typical functional areas in China. <i>Environmental Research</i> , <b>2020</b> , 183, 109141	7.9	14
19	Role of liquid water in the formation of O <sub>3</sub> and SOA particles from 1,2,3-trimethylbenzene. <i>Atmospheric Environment</i> , <b>2019</b> , 217, 116955	5.3	13
18	Reflection of Stereoselectivity during the Uptake and Acropetal Translocation of Chiral PCBs in Plants in the Presence of Copper. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 13834-13841	10.3	12
17	Effect of K <sub>2</sub> FeO <sub>4</sub> /US treatment on textile dyeing sludge disintegration and dewaterability. <i>Journal of Environmental Management</i> , <b>2015</b> , 162, 81-6	7.9	12
16	Effect of ultrasound on ionic liquid-hydrochloric acid pretreatment with rice straw. <i>Biomass Conversion and Biorefinery</i> , <b>2021</b> , 11, 1749-1757	2.3	12
15	Co-precipitation of Cu and Zn in precipitation of struvite. <i>Science of the Total Environment</i> , <b>2021</b> , 764, 144269	10.2	11
14	Analysis of the Metabolites of Indole Degraded by an Isolated L1. <i>BioMed Research International</i> , <b>2017</b> , 2017, 2564363	3	10
13	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> , <b>2018</b> , 43, 16240-16247	6.7	10
12	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> , <b>2017</b> , 24, 22173-22182	5.1	10
11	Inhibitory effect of cadmium(II) ion on anodic electrochemically active biofilms performance in bioelectrochemical systems. <i>Chemosphere</i> , <b>2018</b> , 211, 202-209	8.4	9
10	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> , <b>2020</b> , 8, 616780	5.8	9
9	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> , <b>2017</b> , 225, 40-47	11	8
8	In vitro hemocompatibility evaluation of poly (4-hydroxybutyrate) scaffold. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2014</b> , 7, 1233-43		8
7	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> , <b>2020</b> , 722, 137779	10.2	6
6	Autochthonous bioaugmentation with non-direct degraders: A new strategy to enhance wastewater bioremediation performance. <i>Environment International</i> , <b>2020</b> , 136, 105473	12.9	6

5	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> , <b>2021</b> , 225, 112717	7	5
4	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> , <b>2020</b> , 98, 161-168	6.4	3
3	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> , <b>2020</b> , 68, 10542-10549	5.7	3
2	Conversion of rice husk into fermentable sugar and silica using acid-catalyzed ionic liquid pretreatment. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 40715-40723	5.1	1
1	Enhancement and analysis of Anthracene degradation by Tween 80 in LMS-HOBt. <i>Scientific Reports</i> , <b>2021</b> , 11, 13121	4.9	0