

Yujie Wang

List of Publications by Year in descending order

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41
papers

1,332
citations

304602

22
h-index

360920

35
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41
all docs

41
docs citations

41
times ranked

1722
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.5	176
2	Identification of Benzo[<i>a</i>]pyrene-Metabolizing Bacteria in Forest Soils by Using DNA-Based Stable-Isotope Probing. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7368-7376.	1.4	89
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.	3.2	76
4	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.	6.5	62
5	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.	3.0	55
6	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.	3.7	50
7	An ultrasensitive homogeneous aptasensor for carcinoembryonic antigen based on upconversion fluorescence resonance energy transfer. <i>Talanta</i> , 2019, 195, 33-39.	2.9	49
8	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, 233-239.	4.8	48
9	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.	1.5	47
10	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.	6.5	44
11	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, 856-863.	4.6	44
12	Contamination profiles and potential health risks of organophosphate flame retardants in PM _{2.5} from Guangzhou and Taiyuan, China. <i>Environment International</i> , 2020, 134, 105343.	4.8	43
13	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.	3.9	34
14	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.	3.7	34
15	Electrochemical and microbial community responses of electrochemically active biofilms to copper ions in bioelectrochemical systems. <i>Chemosphere</i> , 2018, 196, 377-385.	4.2	31
16	Enhanced oxytetracycline removal coupling with increased power generation using a self-sustained photo-bioelectrochemical fuel cell. <i>Chemosphere</i> , 2019, 221, 21-29.	4.2	31
17	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.	1.9	30
18	Co-precipitation of Cu and Zn in precipitation of struvite. <i>Science of the Total Environment</i> , 2021, 764, 144269.	3.9	28

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19	Enhanced dewaterability of textile dyeing sludge using micro-electrolysis pretreatment. <i>Journal of Environmental Management</i> , 2015, 161, 181-187.	3.8	27
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.	1.2	26
21	Effect of ultrasound on ionic liquid-hydrochloric acid pretreatment with rice straw. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1749-1757.	2.9	26
22	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.	1.4	25
23	Autochthonous bioaugmentation with non-direct degraders: A new strategy to enhance wastewater bioremediation performance. <i>Environment International</i> , 2020, 136, 105473.	4.8	23
24	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.	4.6	22
25	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.	3.8	19
26	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.	2.0	19
27	Inhibitory effect of cadmium(II) ion on anodic electrochemically active biofilms performance in bioelectrochemical systems. <i>Chemosphere</i> , 2018, 211, 202-209.	4.2	18
28	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.	1.9	17
29	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, 18203-18210.	2.7	15
30	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.	3.9	15
31	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.	2.9	15
32	Effect of K ₂ FeO ₄ /US treatment on textile dyeing sludge disintegration and dewaterability. <i>Journal of Environmental Management</i> , 2015, 162, 81-86.	3.8	14
33	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.	2.7	13
34	Enhanced bioelectricity generation and azo dye treatment in a reversible photo-bioelectrochemical cell by using novel anthraquinone-2,6-disulfonate (AQDS)/MnO _x -doped polypyrrole film electrodes. <i>Bioresource Technology</i> , 2017, 225, 40-47.	4.8	12
35	Analysis of the Metabolites of Indole Degraded by an Isolated <i>Acinetobacter pittii</i> L1. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	11
36	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.	3.2	11

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37	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.	2.4	10
38	In vitro hemocompatibility evaluation of poly (4-hydroxybutyrate) scaffold. <i>International Journal of Clinical and Experimental Medicine</i> , 2014, 7, 1233-43.	1.3	8
39	Chronic Exposure to Climbazole Induces Oxidative Stress and Sex Hormone Imbalance in the Testes of Male Zebrafish. <i>Chemical Research in Toxicology</i> , 2021, 34, 2558-2566.	1.7	7
40	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.	2.7	5
41	Enhancement and analysis of Anthracene degradation by Tween 80 in LMS-HOBt. <i>Scientific Reports</i> , 2021, 11, 13121.	1.6	3