

# Qiongfang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,801  
citations

361413  
20  
h-index

276875  
41  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1666  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 pandemic: impacts on air quality and economy before, during and after lockdown in China in 2020. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 3063-3073.	2.2	3
2	Recyclable nitrogen-doped biochar via low-temperature pyrolysis for enhanced lead(II) removal. <i>Chemosphere</i> , 2022, 286, 131666.	8.2	31
3	Multifunctional capacity of CoMnFe-LDH/LDO activated peroxymonosulfate for p-arsanilic acid removal and inorganic arsenic immobilization: Performance and surface-bound radical mechanism. <i>Science of the Total Environment</i> , 2022, 806, 150379.	8.0	42
4	Numerical Simulations of Air Flow and Traffic-Related Air Pollution Distribution in a Real Urban Area. <i>Energies</i> , 2022, 15, 840.	3.1	3
5	Effects of MPUV/chlorine oxidation and coexisting bromide, ammonia, and nitrate on DBP formation potential of five typical amino acids. <i>Science of the Total Environment</i> , 2022, 821, 153221.	8.0	8
6	Degradation of sulfadiazine by UV/Ozone: roles of reactive oxidative species and the formation of disinfection byproducts. <i>Environmental Science and Pollution Research</i> , 2022, 29, 54407-54420.	5.3	1
7	Arsenite (III) removal via manganese-decoration on cellulose nanocrystal -grafted polyethyleneimine nanocomposite. <i>Chemosphere</i> , 2022, 303, 134925.	8.2	12
8	A High-Performance Alginate Hydrogel Binder for Aqueous Zn <sup>2+</sup> Ion Batteries. <i>ChemPhysChem</i> , 2022, 23, .	2.1	7
9	Air-pollutant mass concentration changes during COVID-19 pandemic in Shanghai, China. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 523-532.	3.3	10
10	1,3-Dichloropropene and chloropicrin emission reduction using a flexible CuInS <sub>2</sub> /ZnS:Al-TiO <sub>2</sub> photocatalytic film. <i>Environmental Science and Pollution Research</i> , 2021, 28, 6980-6989.	5.3	0
11	Bioremediation of Petroleum Hydrocarbons Using <i>Acinetobacter</i> sp. SCYY-5 Isolated from Contaminated Oil Sludge: Strategy and Effectiveness Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 819.	2.6	25
12	Synthesis and enhanced photocatalytic activity of the flower-like CdS/Zn <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> Z-scheme heteronanostructures. <i>CrystEngComm</i> , 2021, 23, 8291-8300.	2.6	10
13	Z-scheme heterojunction based on NiWO <sub>4</sub> /WO <sub>3</sub> microspheres with enhanced photocatalytic performance under visible light. <i>Dalton Transactions</i> , 2021, 50, 13801-13814.	3.3	44
14	A self-healable, stretchable, tear-resistant and sticky elastomer enabled by a facile polymer blends strategy. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3931-3939.	10.3	15
15	A polyA DNA probe-based ultra-sensitive and structure-distinguishable electrochemical biosensor for the analysis of RNAi transgenic maize. <i>Analyst</i> , The, 2021, 146, 3526-3533.	3.5	5
16	Electrolyte Design for In Situ Construction of Highly Zn <sup>2+</sup> -Conductive Solid Electrolyte Interphase to Enable High-Performance Aqueous Zn-Ion Batteries under Practical Conditions. <i>Advanced Materials</i> , 2021, 33, e2007416.	21.0	484
17	Study on preparation and application of a multifunctional microspheric soil conditioner based on Arabic gum, gelatin, chitosan and β-cyclodextrin. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1851-1860.	7.5	6
18	Intermediate volatile organic compounds emissions from vehicles under real world conditions. <i>Science of the Total Environment</i> , 2021, 788, 147795.	8.0	13

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19	Development of pattern recognition based on nanosheetâ€“DNA probes and an extendable DNA library. <i>Analyst, The</i> , 2021, 146, 4803-4810.	3.5	2
20	Breaking through the $\approx 3.0$ eV wallâ€“of energy band gap in mid-infrared nonlinear optical rare earth chalcogenides by charge-transfer engineering. <i>Materials Horizons</i> , 2021, 8, 2330-2334.	12.2	96
21	Bio-inspired design of an <i>in situ</i> multifunctional polymeric solidâ€“electrolyte interphase for Zn metal anode cycling at $30 \text{ mA cm}^{-2}$ and $30 \text{ mA h cm}^{-2}$ . <i>Energy and Environmental Science</i> , 2021, 14, 5947-5957.	30.8	289
22	Degradation of imidacloprid by UV-activated persulfate and peroxymonosulfate processes: Kinetics, impact of key factors and degradation pathway. <i>Ecotoxicology and Environmental Safety</i> , 2020, 187, 109779.	6.0	83
23	Impact of zero valent iron/persulfate preoxidation on disinfection byproducts through chlorination of alachlor. <i>Chemical Engineering Journal</i> , 2020, 380, 122435.	12.7	44
24	Preparation and properties of soil conditioner microspheres based on self-assembled potassium alginate and chitosan. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 877-889.	7.5	12
25	Nitrogen and sulfur co-doped biochar derived from peanut shell with enhanced adsorption capacity for diethyl phthalate. <i>Environmental Pollution</i> , 2020, 258, 113674.	7.5	72
26	Flocculent Cu Caused by the Jahnâ€“Teller Effect Improved the Performance of Mg-MOF-74 as an Anode Material for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 52864-52872.	8.0	50
27	Insight into Adsorption Performance and Mechanism on Efficient Removal of Methylene Blue by Accordion-like $\text{V}_2\text{CT}_x$ MXene. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4253-4260.	4.6	45
28	Degradation of sulfachloropyridazine by UV-C/persulfate: kinetics, key factors, degradation pathway. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2510-2520.	2.4	10
29	Synthesis, characterization, and mercury removal application of surface modified kapok fibers with dopamine (DA): investigation of bidentate adsorption. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	7
30	Novel Controlled Release Microspheric Soil Conditioner Based on the Temperature and pH Dual-Stimuli Response. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7819-7829.	5.2	25
31	The fabrication and arsenic removal performance of cellulose nanocrystal-containing absorbents based on the <i>bridge joint</i> -effect of iron ions. <i>Carbohydrate Polymers</i> , 2020, 237, 116129.	10.2	32
32	Response Surface Optimization of an Extraction Method for the Simultaneous Detection of Sulfamethoxazole and $17\beta$ -Estradiol in Soil. <i>Molecules</i> , 2020, 25, 1415.	3.8	3
33	The Fabrication of Calcium Alginate Beads as a Green Sorbent for Selective Recovery of Cu( $\dots$ ) from Metal Mixtures. <i>Crystals</i> , 2019, 9, 255.	2.2	47
34	Synthesis and Enhanced Photocatalytic Activity of Visible-Light-Driven Co-Doped $\text{Bi}_2\text{MoO}_6$ Photocatalyst with Flower-Like Nanostructures. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 736-742.	0.6	7
35	Novel soil remediation technology for simultaneous organic pollutant catalytic degradation and nitrogen supplementation. <i>Chemical Engineering Journal</i> , 2019, 370, 27-36.	12.7	21
36	Uptake and toxicity studies of magnetic $\text{TiO}_2$ -Based nanophotocatalyst in <i>Arabidopsis thaliana</i> . <i>Chemosphere</i> , 2019, 224, 658-667.	8.2	5

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37	Microwave-assisted Synthesis, Crystal Structures, and Thermal Stability of $C_{11}H_{10}N_2Cu_2Br_3$ and $C_{22}H_{20}N_4Cu_8I_{10}$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1754-1759.	1.2	1
38	Formulating and Optimizing a Novel Biochar-Based Fertilizer for Simultaneous Slow-Release of Nitrogen and Immobilization of Cadmium. <i>Sustainability</i> , 2018, 10, 2740.	3.2	51
39	Synthesis and Adsorption Properties of Ca-Al Layered Double Hydroxides for the Removal of Aqueous Fluoride. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	21
40	Dual Effects of Humic Acid in Trichloroethylene Removal from Groundwater by Zero-Valent Iron: Hydrophobic Partition and Surface Adsorption. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	5
41	Diatomite- and polyvinyl alcohol-modified nonwoven fabric in membrane bioreactor for wastewater reclamation. <i>Desalination and Water Treatment</i> , 2016, 57, 2952-2958.	1.0	3
42	Highly stable $CuInS_2@ZnS:Al$ core-shell quantum dots: the role of aluminium self-passivation. <i>Chemical Communications</i> , 2015, 51, 8757-8760.	4.1	44
43	Sources and risk assessment of metal contamination in soils at the international airport of Shanghai, China. <i>Toxicological and Environmental Chemistry</i> , 2015, , 1-9.	1.2	1
44	Effect of autotrophic denitrification on nitrate migration in sulfide-rich marine sediments. <i>Journal of Soils and Sediments</i> , 2015, 15, 1019-1028.	3.0	16
45	Synthesis and performance of fluid loss agents based on different acrylamide monomers. <i>Journal of Petroleum Exploration and Production</i> , 2015, 5, 409-415.	2.4	11
46	Synthesis of magnetic silica with quaternary ammonium salt and its application for chromium(VI) removal. <i>Desalination and Water Treatment</i> , 2015, 55, 173-182.	1.0	5
47	Preparation and application of amorphous $Fe-Ti$ bimetal oxides for arsenic removal. <i>RSC Advances</i> , 2015, 5, 89545-89551.	3.6	26
48	Preparation of Thermo-Sensitive Magnetic Cationic Hydrogel for the Adsorption of Reactive Red Dye. <i>Journal of Dispersion Science and Technology</i> , 2015, 36, 714-722.	2.4	5
49	Preparation of a novel forpolymer as fluid loss additive for high temperature oil well cementing. <i>Russian Journal of Applied Chemistry</i> , 2014, 87, 1377-1381.	0.5	16
50	Performance of diatomite/iron oxide modified nonwoven membrane used in membrane bioreactor process for wastewater reclamation. <i>Water Science and Technology</i> , 2014, 70, 533-539.	2.5	4
51	Preparation of cross-linked magnetic chitosan with quaternary ammonium and its application for Cr(VI) and P(V) removal. <i>Journal of Environmental Sciences</i> , 2014, 26, 2379-2386.	6.1	22
52	High-efficient removal of Cu(II) using biochar/ZnS composite: optimized by response surface methodology. <i>Journal of Dispersion Science and Technology</i> , 0, , 1-11.	2.4	0
53	The photocatalytic performance and mechanism of magnetically retrievable Z-scheme $Cr_2O_3@Fe_3O_4/C$ hetero-nanostructure polyhedra. <i>New Journal of Chemistry</i> , 0, , .	2.8	1