

# Wei Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4269234/publications.pdf>

Version: 2024-02-01

20  
papers

908  
citations

623734

14  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and formation mechanistic investigation of nitrogen-doped carbon dots with high quantum yields and yellowish-green fluorescence. <i>Nanoscale</i> , 2016, 8, 11185-11193.	5.6	175
2	Novel NaY zeolite-supported nanoscale zero-valent iron as an efficient heterogeneous Fenton catalyst. <i>Catalysis Communications</i> , 2010, 11, 937-941.	3.3	128
3	Heterogeneous Fenton catalytic degradation of phenol based on controlled release of magnetic nanoparticles. <i>Chemical Engineering Journal</i> , 2014, 242, 1-9.	12.7	80
4	Pyrolytic production of zerovalent iron nanoparticles supported on rice husk-derived biochar: simple, in situ synthesis and use for remediation of Cr(VI)-polluted soils. <i>Science of the Total Environment</i> , 2020, 708, 134479.	8.0	79
5	Ultrahigh-surface-area activated carbon aerogels derived from glucose for high-performance organic pollutants adsorption. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 333-343.	9.4	75
6	Reactivity characteristics of poly(methyl methacrylate) coated nanoscale iron particles for trichloroethylene remediation. <i>Journal of Hazardous Materials</i> , 2010, 173, 724-730.	12.4	73
7	Significant enhancement in treatment of salty wastewater by pre-magnetization Fe0/H2O2 process. <i>Chemical Engineering Journal</i> , 2018, 339, 411-423.	12.7	58
8	A series of novel carbohydrate-based carbon adsorbents were synthesized by self-propagating combustion for tetracycline removal. <i>Bioresource Technology</i> , 2021, 332, 125059.	9.6	42
9	A target analyte induced fluorescence band shift of piperazine modified carbon quantum dots: a specific visual detection method for oxytetracycline. <i>Chemical Communications</i> , 2019, 55, 12364-12367.	4.1	28
10	EDTA enhanced pre-magnetized Fe0/H2O2 process for removing sulfamethazine at neutral pH. <i>Separation and Purification Technology</i> , 2020, 250, 117281.	7.9	28
11	EDTA enhanced removal of sulfamethazine by pre-magnetized Fe0 without oxidant addition. <i>Chemical Engineering Journal</i> , 2019, 372, 905-916.	12.7	27
12	Carbon quantum dots: Comprehensively understanding of the internal quenching mechanism and application for catechol detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 333, 129557.	7.8	26
13	Fluorometric and colorimetric determination of hypochlorite using carbon nanodots doped with boron and nitrogen. <i>Mikrochimica Acta</i> , 2019, 186, 328.	5.0	23
14	Insights into the nonradical degradation mechanisms of antibiotics in persulfate activation by tourmaline. <i>Separation and Purification Technology</i> , 2021, 270, 118772.	7.9	18
15	Strong influence of degree of substitution on carboxymethyl cellulose stabilized sulfidated nanoscale zero-valent iron. <i>Journal of Hazardous Materials</i> , 2022, 425, 128057.	12.4	13
16	Effect of tourmaline on denitrification characteristics of hydrogenotrophic bacteria. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4868-4875.	5.3	12
17	Dechlorinating performance of Dehalococcoides spp. mixed culture enhanced by tourmaline. <i>Chemosphere</i> , 2018, 194, 9-19.	8.2	11
18	Quantification of 2-chlorohydroquinone based on interaction between N-doped carbon quantum dots probe and photolysis products in fluorescence system. <i>Science of the Total Environment</i> , 2022, 814, 152745.	8.0	7

#	ARTICLE	IF	CITATIONS
19	Comparison of Four Tourmalines for PS Activation to Degrade Sulfamethazine: Efficiency, Kinetics and Mechanisms. International Journal of Environmental Research and Public Health, 2022, 19, 3244.	2.6	3
20	Biological effects of tourmaline treatment on <i>Dehalococcoides</i> spp. during the reductive dechlorination of trichloroethylene. RSC Advances, 2021, 11, 12086-12094.	3.6	2