

# Qinghua Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,555  
citations

279487

23  
h-index

476904

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioremediation of polycyclic aromatic hydrocarbons from an aged contaminated agricultural soil using degrading bacteria and soil amendments. <i>Bioremediation Journal</i> , 2022, 26, 305-317.	1.0	0
2	Improving photocatalytic activity by construction of immobilized Z-scheme CdS/Au/TiO <sub>2</sub> nanobelt photocatalyst for eliminating norfloxacin from water. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 243-256.	5.0	78
3	Extension of a biotic ligand model for predicting the toxicity of metalloid selenate to wheat: The effects of pH, phosphate and sulphate. <i>Chemosphere</i> , 2021, 264, 128424.	4.2	10
4	Investigating the formation of iodinated aromatic disinfection by-products in chlorine/phenol/iodide system. <i>Science of the Total Environment</i> , 2021, 797, 149152.	3.9	7
5	Adsorption Characteristics of Tetracycline onto Biochars as Affected by Solution Chemistry Conditions and Ball Milling Treatment. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	10
6	Effects of polymer aging on sorption of 2,2,4,4-tetrabromodiphenyl ether by polystyrene microplastics. <i>Chemosphere</i> , 2020, 253, 126706.	4.2	71
7	Construction of netlike 3D Z-scheme photoelectrodes with improved photocatalytic performance based on g-C <sub>3</sub> N <sub>4</sub> nanosheets modified TiO <sub>2</sub> nanobelt-tubes. <i>Chemical Engineering Science</i> , 2020, 226, 115844.	1.9	32
8	Synthesis of Immobilized CdS/TiO <sub>2</sub> Nanofiber Heterostructure Photocatalyst for Efficient Degradation of Toluene. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	7
9	Effects of spent mushroom substrate on the dissipation of polycyclic aromatic hydrocarbons in agricultural soil. <i>Chemosphere</i> , 2020, 259, 127462.	4.2	31
10	Construction of immobilized 0D/1D heterostructure photocatalyst Au/CuS/CdS/TiO <sub>2</sub> NBs with enhanced photocatalytic activity towards moxifloxacin degradation. <i>Chemical Engineering Journal</i> , 2020, 389, 124476.	6.6	76
11	Immobilized lignin peroxidase on Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @polydopamine nanoparticles for degradation of organic pollutants. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 433-440.	3.6	70
12	Construction of immobilized CuS/TiO <sub>2</sub> nanobelts heterojunction photocatalyst for photocatalytic degradation of enrofloxacin: synthesis, characterization, influencing factors and mechanism insight. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2219-2228.	1.6	30
13	Photocatalytic degradation performance and mechanism of dibutyl phthalate by graphene/TiO <sub>2</sub> nanotube array photoelectrodes. <i>Chemical Engineering Journal</i> , 2019, 358, 1083-1090.	6.6	88
14	Construction of ternary heterojunction CuS-CdS/TiO <sub>2</sub> nanobelts for photocatalytic degradation of gaseous toluene. <i>Journal of Alloys and Compounds</i> , 2018, 751, 231-240.	2.8	31
15	In situ synthesis of graphene/WO <sub>3</sub> co-decorated TiO <sub>2</sub> nanotube array photoelectrodes with enhanced photocatalytic activity and degradation mechanism for dimethyl phthalate. <i>Chemical Engineering Journal</i> , 2018, 337, 322-332.	6.6	63
16	Photodegradation performance and mechanism of 4-nonylphenol by WO <sub>3</sub> /TiO <sub>2</sub> and TiO <sub>2</sub> nanotube array photoelectrodes. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 3084-3092.	1.2	4
17	Contamination, source identification, and risk assessment of polycyclic aromatic hydrocarbons in the soils of vegetable greenhouses in Shandong, China. <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 181-188.	2.9	60
18	Construction of graphene-WO <sub>3</sub> /TiO <sub>2</sub> nanotube array photoelectrodes and its enhanced performance for photocatalytic degradation of dimethyl phthalate. <i>Electrochimica Acta</i> , 2016, 222, 1903-1913.	2.6	34

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19	Synthesis of Au@CuTiO <sub>2</sub> nanobelts photocatalyst for efficient photocatalytic degradation of antibiotic oxytetracycline. <i>Chemical Engineering Journal</i> , 2016, 302, 377-387.	6.6	201
20	Au-Pd nanoparticles-decorated TiO <sub>2</sub> nanobelts for photocatalytic degradation of antibiotic levofloxacin in aqueous solution. <i>Electrochimica Acta</i> , 2015, 186, 34-42.	2.6	72
21	Preparation of graphene film decorated TiO <sub>2</sub> nano-tube array photoelectrode and its enhanced visible light photocatalytic mechanism. <i>Carbon</i> , 2014, 66, 450-458.	5.4	120
22	Coupling immobilized TiO <sub>2</sub> nanobelts and Au nanoparticles for enhanced photocatalytic and photoelectrocatalytic activity and mechanism insights. <i>Chemical Engineering Journal</i> , 2014, 241, 145-154.	6.6	60
23	Enhanced photoelectrocatalytic performance for degradation of diclofenac and mechanism with TiO <sub>2</sub> nano-particles decorated TiO <sub>2</sub> nano-tubes arrays photoelectrode. <i>Electrochimica Acta</i> , 2013, 108, 203-210.	2.6	38
24	TiO <sub>2</sub> nanobelts – Effect of calcination temperature on optical, photoelectrochemical and photocatalytic properties. <i>Electrochimica Acta</i> , 2013, 111, 284-291.	2.6	68
25	Controlled anodic growth of TiO <sub>2</sub> nanobelts and assessment of photoelectrochemical and photocatalytic properties. <i>Electrochimica Acta</i> , 2013, 99, 152-160.	2.6	25
26	Construction of N, S codoped TiO <sub>2</sub> NCs decorated TiO <sub>2</sub> nano-tube array photoelectrode and its enhanced visible light photocatalytic mechanism. <i>Electrochimica Acta</i> , 2013, 103, 134-142.	2.6	72
27	Comparative study of photocatalytic performance on different TiO <sub>2</sub> nano-tubes arrays. <i>Journal of Alloys and Compounds</i> , 2013, 566, 120-124.	2.8	32
28	Preparation and characterization of palladium nano-crystallite decorated TiO <sub>2</sub> nano-tubes photoelectrode and its enhanced photocatalytic efficiency for degradation of diclofenac. <i>Journal of Hazardous Materials</i> , 2013, 254-255, 141-148.	6.5	103
29	Enhanced photoelectrochemical and photocatalytic performance of single-crystalline anatase TiO <sub>2</sub> (101) nanobelts arrays originating from nanotubes arrays. <i>Applied Surface Science</i> , 2013, 264, 476-484.	3.1	39
30	Influence of post-treatment temperature of TNTa photoelectrodes on photoelectrochemical properties and photocatalytic degradation of 4-nonylphenol. <i>Journal of Solid State Chemistry</i> , 2013, 199, 49-55.	1.4	23