Qinghua Chen

List of Publications by Year
in descending order

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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	Synthesis of Auâ€“CuSâ€“TiO 2 nanobelts photocatalyst for efficient photocatalytic degradation of antibiotic oxytetracycline. Chemical Engineering Journal, 2016, 302, 377-387.	6.6	201
2	Preparation of graphene film decorated TiO2 nano-tube array photoelectrode and its enhanced visible light photocatalytic mechanism. Carbon, 2014, 66, 450-458.	5.4	120
3	Preparation and characterization of palladium nano-crystallite decorated TiO2 nano-tubes photoelectrode and its enhanced photocatalytic efficiency for degradation of diclofenac. Journal of Hazardous Materials, 2013, 254-255, 141-148.	6.5	103
4	Photocatalytic degradation performance and mechanism of dibutyl phthalate by graphene/TiO2 nanotube array photoelectrodes. Chemical Engineering Journal, 2019, 358, 1083-1090.	6.6	88
5	Improving photocatalytic activity by construction of immobilized Z-scheme CdS/Au/TiO2 nanobelt photocatalyst for eliminating norfloxacin from water. Journal of Colloid and Interface Science, 2021, 586, 243-256.	5.0	78
6	Construction of immobilized 0D/1D heterostructure photocatalyst Au/CuS/CdS/TiO2 NBs with enhanced photocatalytic activity towards moxifloxacin degradation. Chemical Engineering Journal, 2020, 389, 124476.	6.6	76
7	Construction of N, S codoped TiO2 NCs decorated TiO2 nano-tube array photoelectrode and its enhanced visible light photocatalytic mechanism. Electrochimica Acta, 2013, 103, 134-142.	2.6	72
8	Au-Pd nanoparticles-decorated TiO2 nanobelts for photocatalytic degradation of antibiotic levofloxacin in aqueous solution. Electrochimica Acta, 2015, 186, 34-42.	2.6	72
9	Effects of polymer aging on sorption of 2,2â€²,4,4â€²-tetrabromodiphenyl ether by polystyrene microplastics. Chemosphere, 2020, 253, 126706.	4.2	71
10	Immobilized lignin peroxidase on Fe3O4@SiO2@polydopamine nanoparticles for degradation of organic pollutants. International Journal of Biological Macromolecules, 2019, 138, 433-440.	3.6	70
11	TiO2 nanobelts â€“ Effect of calcination temperature on optical, photoelectrochemical and photocatalytic properties. Electrochimica Acta, 2013, 111, 284-291.	2.6	68
12	In situ synthesis of graphene/WO3 co-decorated TiO2 nanotube array photoelectrodes with enhanced photocatalytic activity and degradation mechanism for dimethyl phthalate. Chemical Engineering Journal, 2018, 337, 322-332.	6.6	63
13	Coupling immobilized TiO2 nanobelts and Au nanoparticles for enhanced photocatalytic and photoelectrocatalytic activity and mechanism insights. Chemical Engineering Journal, 2014, 241, 145-154.	6.6	60
14	Contamination, source identification, and risk assessment of polycyclic aromatic hydrocarbons in the soils of vegetable greenhouses in Shandong, China. Ecotoxicology and Environmental Safety, 2017, 142, 181-188.	2.9	60
15	Enhanced photoelectrochemical and photocatalytic performance of single-crystalline anatase TiO2 (101) nanobelts arrays originating from nanotubes arrays. Applied Surface Science, 2013, 264, 476-484.	3.1	39
16	Enhanced photoelectrocatalytic performance for degradation of diclofenac and mechanism with TiO2 nano-particles decorated TiO2 nano-tubes arrays photoelectrode. Electrochimica Acta, 2013, 108, 203-210.	2.6	38
17	Construction of graphene-WO3/TiO2 nanotube array photoelectrodes and its enhanced performance for photocatalytic degradation of dimethyl phthalate. Electrochimica Acta, 2016, 222, 1903-1913.	2.6	34
18	Comparative study of photocatalytic performance on different TiO2 nano-tubes arrays. Journal of Alloys and Compounds, 2013, 566, 120-124.	2.8	32

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19	Construction of netlike 3D Z-scheme photoelectrodes with improved photocatalytic performance based on g-C3N4 nanosheets modified TiO2 nanobelt-tubes. Chemical Engineering Science, 2020, 226, 115844.	1.9	32
20	Construction of ternary heterojunction CuS-CdS/TiO 2 nanobelts for photocatalytic degradation of gaseous toluene. Journal of Alloys and Compounds, 2018, 751, 231-240.	2.8	31
21	Effects of spent mushroom substrate on the dissipation of polycyclic aromatic hydrocarbons in agricultural soil. Chemosphere, 2020, 259, 127462.	4.2	31
22	Construction of immobilized CuS/TiO₂ nanobelts heterojunction photocatalyst for photocatalytic degradation of enrofloxacin: synthesis, characterization, influencing factors and mechanism insight. Journal of Chemical Technology and Biotechnology, 2019, 94, 2219-2228.	1.6	30
23	Controlled anodic growth of TiO2 nanobelts and assessment of photoelectrochemical and photocatalytic properties. Electrochimica Acta, 2013, 99, 152-160.	2.6	25
24	Influence of post-treatment temperature of TNTa photoelectrodes on photoelectrochemical properties and photocatalytic degradation of 4-nonylphenol. Journal of Solid State Chemistry, 2013, 199, 49-55.	1.4	23
25	Adsorption Characteristics of Tetracycline onto Biochars as Affected by Solution Chemistry Conditions and Ball Milling Treatment. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	10
26	Extension of a biotic ligand model for predicting the toxicity of metalloid selenate to wheat: The effects of pH, phosphate and sulphate. Chemosphere, 2021, 264, 128424.	4.2	10
27	Synthesis of Immobilized CdS/TiO2 Nanofiber Heterostructure Photocatalyst for Efficient Degradation of Toluene. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	7
28	Investigating the formation of iodinated aromatic disinfection by-products in chlorine/phenol/iodide system. Science of the Total Environment, 2021, 797, 149152.	3.9	7
29	Photodegradation performance and mechanism of 4-nonylphenol by WO3/TiO2 and TiO2 nanotube array photoelectrodes. Environmental Technology (United Kingdom), 2017, 38, 3084-3092.	1.2	4
30	Bioremediation of polycyclic aromatic hydrocarbons from an aged contaminated agricultural soil using degrading bacteria and soil amendments. Bioremediation Journal, 2022, 26, 305-317.	1.0	0