Huan Zhang

List of Publications by Year
in descending order

24 papers	604 citations	567281 15 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	494 citing authors

#	Article	IF	Citations
1	Degradation mechanism of montmorillonite-enhanced antibiotic wastewater: performance, antibiotic resistance genes, microbial communities, and functional metabolism. Bioresource Technology, 2022, 352, 127098.	9.6	14
2	ZrO2 supported perovskite activation of peroxymonosulfate for sulfamethoxazole removal from aqueous solution. Chemosphere, 2022, 298, 134339.	8.2	8
3	Fabrication of MOF-derivated CuOx-C electrode for electrochemical degradation of ceftazidime from aqueous solution. Chemosphere, 2021, 268, 129157.	8.2	23
4	Categorizing Bicycling Environment Quality Based on Mobile Sensor Data and Bicycle Flow Data. Sustainability, 2021, 13, 4085.	3.2	3
5	Preparation of metal organic framework derived materials CoFe2O4@NC and its application for degradation of norfloxacin from aqueous solutions by activated peroxymonosulfate. Chemosphere, 2021, 275, 130059.	8.2	28
6	Successful application of municipal domestic wastewater as a co-substrate in 2,4,6-trichlorophenol degradation. Chemosphere, 2021, 280, 130707.	8.2	16
7	Magnetic zeolite imidazole framework material-8 as an effective and recyclable adsorbent for removal of ceftazidime from aqueous solution. Journal of Hazardous Materials, 2020, 384, 121406.	12.4	50
8	Dip-coating prepared nickel-foam composite cathodes with hydrophobic layer for atenolol elimination in electro-Fenton system. Journal of Electroanalytical Chemistry, 2020, 856, 113725.	3.8	13
9	Electrochemical mineralization of antibiotic ceftazidime with SnO2-Al2O3/CNT anode: Enhanced performance by peroxydisulfate/Fenton activation and degradation pathway. Journal of Environmental Chemical Engineering, 2020, 8, 103812.	6.7	21
10	Degradation of aqueous cefotaxime in electro-oxidation â€" electro-Fenton â€"persulfate system with Ti/CNT/SnO2â€"Sbâ€"Er anode and Ni@NCNT cathode. Chemosphere, 2020, 250, 126163.	8.2	42
11	Exploring the effects of carbon source level on the degradation of 2,4,6-trichlorophenol in the co-metabolism process. Journal of Hazardous Materials, 2020, 392, 122293.	12.4	30
12	Preparation of metal-organic framework based carbon materials and its application to adsorptive removal of cefepime from aqueous solution. Journal of Hazardous Materials, 2020, 390, 122190.	12.4	21
13	Fabrication of Ti/TiO2/SnO2-Sb-Cu electrode for enhancing electrochemical degradation of ceftazidime in aqueous solution. Journal of Electroanalytical Chemistry, 2019, 847, 113231.	3.8	24
14	Preparation of CeO2-ZrO2 and titanium dioxide coated carbon nanotube electrode for electrochemical degradation of ceftazidime from aqueous solution. Journal of Electroanalytical Chemistry, 2019, 841, 10-20.	3.8	14
15	La2O3-CuO2/CNTs electrode with excellent electrocatalytic oxidation ability for ceftazidime removal from aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 569, 119-128.	4.7	24
16	Electrocatalytic dechlorination of chlorophenols on palladium/graphene-Nafion/titanium mesh electrode. Journal of Water Process Engineering, 2018, 26, 72-82.	5.6	12
17	Enhanced oxidation potential of Ti/SnO2-Cu electrode for electrochemical degradation of low-concentration ceftazidime in aqueous solution: Performance and degradation pathway. Chemosphere, 2018, 212, 594-603.	8.2	48
18	Electrocatalytic dechlorination of 2,3,5-trichlorophenol on palladium/carbon nanotubes-nafion film/titanium mesh electrode. Environmental Science and Pollution Research, 2017, 24, 14355-14364.	5.3	14

#	Article	IF	Citations
19	Modification of a Pd-loaded electrode with a carbon nanotubesâ€“polypyrrole interlayer and its dechlorination performance for 2,3-dichlorophenol. RSC Advances, 2017, 7, 22054-22062.	3.6	27
20	Preparation and characterization of cerium-doped multiwalled carbon nanotubes electrode for the electrochemical degradation of low-concentration ceftazidime in aqueous solutions. Electrochimica Acta, 2016, 199, 80-91.	5.2	35
21	Preparation of palladiumâ€“nickel loaded titanium electrode with surfactant assistance and its application in pentachlorophenol reductive dechlorination. Separation and Purification Technology, 2014, 124, 224-230.	7.9	17
22	Complete dechlorination of 2,4-dichlorophenol in aqueous solution on palladium/polymeric pyrrole-cetyl trimethyl ammonium bromide/foam-nickel composite electrode. Journal of Hazardous Materials, 2013, 244-245, 287-294.	12.4	68
23	Electrocatalytic dechlorination of 2,4-dichlorophenol in aqueous solution on palladium loaded meshed titanium electrode modified with polymeric pyrrole and surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 414, 314-319.	4.7	48
24	Electrochemically reductive dechlorination of 2,4,6-trichlorophenol on palladium loaded titanium cathode modified with graphene/polymeric pyrrole-sodium dodecyl benzene sulfonate. , 0, 88, 128-138.		4