

Huan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

604
citations

567281

15
h-index

642732

23
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24
all docs

24
docs citations

24
times ranked

494
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete dechlorination of 2,4-dichlorophenol in aqueous solution on palladium/polymeric pyrrole-cetyl trimethyl ammonium bromide/foam-nickel composite electrode. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 287-294.	12.4	68
2	Magnetic zeolite imidazole framework material-8 as an effective and recyclable adsorbent for removal of ceftazidime from aqueous solution. <i>Journal of Hazardous Materials</i> , 2020, 384, 121406.	12.4	50
3	Electrocatalytic dechlorination of 2,4-dichlorophenol in aqueous solution on palladium loaded meshed titanium electrode modified with polymeric pyrrole and surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 414, 314-319.	4.7	48
4	Enhanced oxidation potential of Ti/SnO ₂ -Cu electrode for electrochemical degradation of low-concentration ceftazidime in aqueous solution: Performance and degradation pathway. <i>Chemosphere</i> , 2018, 212, 594-603.	8.2	48
5	Degradation of aqueous cefotaxime in electro-oxidation " electro-Fenton "persulfate system with Ti/CNT/SnO ₂ @SbEr anode and Ni@NCNT cathode. <i>Chemosphere</i> , 2020, 250, 126163.	8.2	42
6	Preparation and characterization of cerium-doped multiwalled carbon nanotubes electrode for the electrochemical degradation of low-concentration ceftazidime in aqueous solutions. <i>Electrochimica Acta</i> , 2016, 199, 80-91.	5.2	35
7	Exploring the effects of carbon source level on the degradation of 2,4,6-trichlorophenol in the co-metabolism process. <i>Journal of Hazardous Materials</i> , 2020, 392, 122293.	12.4	30
8	Preparation of metal organic framework derived materials CoFe ₂ O ₄ @NC and its application for degradation of norfloxacin from aqueous solutions by activated peroxymonosulfate. <i>Chemosphere</i> , 2021, 275, 130059.	8.2	28
9	Modification of a Pd-loaded electrode with a carbon nanotubes@polypyrrole interlayer and its dechlorination performance for 2,3-dichlorophenol. <i>RSC Advances</i> , 2017, 7, 22054-22062.	3.6	27
10	Fabrication of Ti/TiO ₂ /SnO ₂ -Sb-Cu electrode for enhancing electrochemical degradation of ceftazidime in aqueous solution. <i>Journal of Electroanalytical Chemistry</i> , 2019, 847, 113231.	3.8	24
11	La ₂ O ₃ -CuO ₂ /CNTs electrode with excellent electrocatalytic oxidation ability for ceftazidime removal from aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 569, 119-128.	4.7	24
12	Fabrication of MOF-derivated CuOx-C electrode for electrochemical degradation of ceftazidime from aqueous solution. <i>Chemosphere</i> , 2021, 268, 129157.	8.2	23
13	Electrochemical mineralization of antibiotic ceftazidime with SnO ₂ -Al ₂ O ₃ /CNT anode: Enhanced performance by peroxydisulfate/Fenton activation and degradation pathway. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103812.	6.7	21
14	Preparation of metal-organic framework based carbon materials and its application to adsorptive removal of cefepime from aqueous solution. <i>Journal of Hazardous Materials</i> , 2020, 390, 122190.	12.4	21
15	Preparation of palladium@nickel loaded titanium electrode with surfactant assistance and its application in pentachlorophenol reductive dechlorination. <i>Separation and Purification Technology</i> , 2014, 124, 224-230.	7.9	17
16	Successful application of municipal domestic wastewater as a co-substrate in 2,4,6-trichlorophenol degradation. <i>Chemosphere</i> , 2021, 280, 130707.	8.2	16
17	Electrocatalytic dechlorination of 2,3,5-trichlorophenol on palladium/carbon nanotubes-nafion film/titanium mesh electrode. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14355-14364.	5.3	14
18	Preparation of CeO ₂ -ZrO ₂ and titanium dioxide coated carbon nanotube electrode for electrochemical degradation of ceftazidime from aqueous solution. <i>Journal of Electroanalytical Chemistry</i> , 2019, 841, 10-20.	3.8	14

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19	Degradation mechanism of montmorillonite-enhanced antibiotic wastewater: performance, antibiotic resistance genes, microbial communities, and functional metabolism. <i>Bioresource Technology</i> , 2022, 352, 127098.	9.6	14
20	Dip-coating prepared nickel-foam composite cathodes with hydrophobic layer for atenolol elimination in electro-Fenton system. <i>Journal of Electroanalytical Chemistry</i> , 2020, 856, 113725.	3.8	13
21	Electrocatalytic dechlorination of chlorophenols on palladium/graphene-Nafion/titanium mesh electrode. <i>Journal of Water Process Engineering</i> , 2018, 26, 72-82.	5.6	12
22	ZrO ₂ supported perovskite activation of peroxymonosulfate for sulfamethoxazole removal from aqueous solution. <i>Chemosphere</i> , 2022, 298, 134339.	8.2	8
23	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
24	Categorizing Bicycling Environment Quality Based on Mobile Sensor Data and Bicycle Flow Data. <i>Sustainability</i> , 2021, 13, 4085.	3.2	3