

Xiaoyang Meng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,356
citations

430754

18
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

1349
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel lanthanum-modified copper tailings adsorbent for phosphate removal from water. <i>Chemosphere</i> , 2021, 281, 130779.	4.2	20
2	Degradation kinetics of target compounds and correlations with spectral indices during UV/H ₂ O ₂ post-treatment of biologically treated acrylonitrile wastewater. <i>Chemosphere</i> , 2020, 243, 125384.	4.2	12
3	Development of a highly efficient electrochemical flow-through anode based on inner in-site enhanced TiO ₂ -nanotubes array. <i>Environment International</i> , 2020, 140, 105813.	4.8	40
4	Development of a Three-Dimensional Electrochemical System Using a Blue TiO ₂ /SnO ₂ ∩Sb ₂ O ₃ Anode for Treating Low-Ionic-Strength Wastewater. <i>Environmental Science & Technology</i> , 2019, 53, 13784-13793.	4.6	45
5	Kinetic, mechanism and mass transfer impact on electrochemical oxidation of MIT using Ti-enhanced nanotube arrays/SnO ₂ -Sb anode. <i>Electrochimica Acta</i> , 2019, 323, 134779.	2.6	54
6	Electrochemical degradation of methylisothiazolinone by using Ti/SnO ₂ -Sb ₂ O ₃ /∩, ∩ ² -PbO ₂ electrode: Kinetics, energy efficiency, oxidation mechanism and degradation pathway. <i>Chemical Engineering Journal</i> , 2019, 374, 626-636.	6.6	133
7	Electrochemical degradation of ciprofloxacin on BDD anode using a differential column batch reactor: mechanisms, kinetics and pathways. <i>Environmental Science and Pollution Research</i> , 2019, 26, 17740-17750.	2.7	33
8	Oxidation Mechanisms of the UV/Free Chlorine Process: Kinetic Modeling and Quantitative Structure Activity Relationships. <i>Environmental Science & Technology</i> , 2019, 53, 4335-4345.	4.6	70
9	Oxidation of Microcystin-LR via Activation of Peroxymonosulfate Using Ascorbic Acid: Kinetic Modeling and Toxicity Assessment. <i>Environmental Science & Technology</i> , 2018, 52, 4305-4312.	4.6	114
10	Closed-Loop Electrochemical Recycling of Spent Copper(II) from Etchant Wastewater Using a Carbon Nanotube Modified Graphite Felt Anode. <i>Environmental Science & Technology</i> , 2018, 52, 5940-5948.	4.6	53
11	Distribution and sources of polycyclic aromatic hydrocarbons and phthalic acid esters in water and surface sediment from the Three Gorges Reservoir. <i>Journal of Environmental Sciences</i> , 2018, 69, 271-280.	3.2	42
12	Impact of Chloride Ions on UV/H ₂ O ₂ and UV/Persulfate Advanced Oxidation Processes. <i>Environmental Science & Technology</i> , 2018, 52, 7380-7389.	4.6	178
13	Electrochemical oxidation of <i>Microcystis aeruginosa</i> using a Ti/RuO ₂ anode: contributions of electrochemically generated chlorines and hydrogen peroxide. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27924-27934.	2.7	10
14	Electrocatalytic dechlorination of halogenated antibiotics via synergistic effect of chlorine-cobalt bond and atomic H [*] . <i>Journal of Hazardous Materials</i> , 2018, 358, 294-301.	6.5	44
15	Antimony Removal from Aqueous Solution Using Novel ∩-MnO ₂ Nanofibers: Equilibrium, Kinetic, and Density Functional Theory Studies. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2255-2264.	3.2	85
16	Electrochemical oxidation of ofloxacin using a TiO ₂ -based SnO ₂ -Sb/polytetrafluoroethylene resin-PbO ₂ electrode: Reaction kinetics and mass transfer impact. <i>Applied Catalysis B: Environmental</i> , 2017, 203, 515-525.	10.8	212
17	Electrochemical oxidation of cinnamic acid with Mo modified PbO ₂ electrode: Electrode characterization, kinetics and degradation pathway. <i>Chemical Engineering Journal</i> , 2016, 289, 239-246.	6.6	100
18	Fabrication and Electrochemical Treatment Application of an Al-Doped PbO ₂ Electrode with High Oxidation Capability, Oxygen Evolution Potential and Reusability. <i>Journal of the Electrochemical Society</i> , 2015, 162, E258-E262.	1.3	30

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19	Bioregeneration of Spent Anion Exchange Resin for Treatment of Nitrate in Water. Environmental Science & Technology, 2014, 48, 1541-1548.	4.6	35
20	Endoplasmic reticulum stress in murine liver and kidney exposed to microcystin-LR. Toxicon, 2010, 56, 1334-1341.	0.8	46