

Liang Li

List of Publications by Year in descending order

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32
papers

1,152
citations

471509

17
h-index

434195

31
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32
all docs

32
docs citations

32
times ranked

1497
citing authors

#	ARTICLE	IF	CITATIONS
1	Ammonia removal in electrochemical oxidation: Mechanism and pseudo-kinetics. <i>Journal of Hazardous Materials</i> , 2009, 161, 1010-1016.	12.4	230
2	Removal of Ammonia by OH Radical in Aqueous Phase. <i>Environmental Science & Technology</i> , 2008, 42, 8070-8075.	10.0	173
3	Heterogeneous catalytic ozonation of dibutyl phthalate in aqueous solution in the presence of iron-loaded activated carbon. <i>Chemosphere</i> , 2015, 119, 295-301.	8.2	146
4	Removal of aqueous oxalic acid by heterogeneous catalytic ozonation with MnOx/sewage sludge-derived activated carbon as catalysts. <i>Science of the Total Environment</i> , 2017, 575, 50-57.	8.0	101
5	Catalytic ozonation of organic contaminants in petrochemical wastewater with iron-nickel foam as catalyst. <i>Separation and Purification Technology</i> , 2019, 211, 269-278.	7.9	79
6	Aqueous norfloxacin sonocatalytic degradation with multilayer flower-like ZnO in the presence of peroxydisulfate. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 446-454.	8.2	39
7	Ni-Fe layered double hydroxides catalyzed ozonation of synthetic wastewater containing Bisphenol A and municipal secondary effluent. <i>Chemosphere</i> , 2019, 235, 143-152.	8.2	39
8	Ozonation catalysed by ferrosilicon for the degradation of ibuprofen in water. <i>Environmental Pollution</i> , 2021, 268, 115722.	7.5	36
9	Iron foam combined ozonation for enhanced treatment of pharmaceutical wastewater. <i>Environmental Research</i> , 2020, 183, 109205.	7.5	30
10	The Diffusion Mechanism of Water Transport in Amine-Cured Epoxy Networks. <i>Applied Spectroscopy</i> , 2010, 64, 458-466.	2.2	28
11	Evaluation of Cell Disruption of <i>Chlorella Vulgaris</i> by Pressure-Assisted Ozonation and Ultrasonication. <i>Energies</i> , 2016, 9, 173.	3.1	25
12	Pilot-scale study on catalytic ozonation of bio-treated dyeing and finishing wastewater using recycled waste iron shavings as a catalyst. <i>Scientific Reports</i> , 2018, 8, 7555.	3.3	23
13	Role of hydroxyl radical during electrolytic degradation of contaminants. <i>Journal of Hazardous Materials</i> , 2010, 181, 521-525.	12.4	22
14	Biodegradation of Naphthalene, Benzene, Toluene, Ethyl Benzene, and Xylene in Batch and Membrane Bioreactors. <i>Environmental Engineering Science</i> , 2012, 29, 42-51.	1.6	22
15	Carbon mass balance and microbial ecology in a laboratory scale reactor achieving simultaneous sludge reduction and nutrient removal. <i>Water Research</i> , 2014, 53, 153-167.	11.3	21
16	Electrolytic reduction of nitrate on copper and its binary composite electrodes. <i>Journal of Alloys and Compounds</i> , 2018, 766, 157-160.	5.5	20
17	One-Pot Polyvinyl Alcohol-Assisted Hydrothermal Synthesis of Hierarchical Flower-Like BiOCl Nanoplates with Enhancement of Photocatalytic Activity for Degradation of Rhodamine B. <i>Clean - Soil, Air, Water</i> , 2014, 42, 521-527.	1.1	18
18	Electrolytic ammonia removal and current efficiency by a vermiculite-packed electrochemical reactor. <i>Scientific Reports</i> , 2017, 7, 41030.	3.3	14

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19	The Mechanism and Performance of Zeolites for Ammonia Removal in the Zeolite Packed Electrolysis Reactor. <i>Electrochemistry</i> , 2014, 82, 557-560.	1.4	12
20	Investigation of a sewage-integrated technology combining an expanded granular sludge bed (EGSB) and an electrochemical reactor in a pilot-scale plant. <i>Journal of Hazardous Materials</i> , 2011, 192, 1161-1170.	12.4	11
21	Ozonation Catalyzed by Co _x Fe _{1-x} Layered Double Hydroxide for the Degradation of <i>p</i> -toluenesulfonic Acid. <i>Ozone: Science and Engineering</i> , 2021, 43, 163-172.	2.5	10
22	Electrolytic reduction of CO ₂ in KHCO ₃ and alkanolamine solutions with layered double hydroxides intercalated with gold or copper. <i>Electrochimica Acta</i> , 2022, 402, 139523.	5.2	10
23	Enhanced Electrolytic Nitrate Reduction Utilizing a Three-Dimensional Electrolysis Reactor Packed with Activated Carbon and Foamed Copper. <i>Environmental Engineering Science</i> , 2016, 33, 525-535.	1.6	9
24	The linear relations and living feature in cationic ring-opening copolymerization of epoxy/THF system. <i>Colloid and Polymer Science</i> , 2008, 286, 761-767.	2.1	8
25	Characterization and Electrochemical Behaviour of Nanoscale Hydrotalcite-Like Compounds toward the Reduction of Nitrate. <i>Nanomaterials</i> , 2020, 10, 1926.	4.1	6
26	Surface mechanism and optimization of catalytic ozonation with Co _x Fe _{1-x} oxides as catalyst for degradation of sodium <i>p</i> -toluenesulfonate in water. <i>Environmental Science and Pollution Research</i> , 2022, 29, 44479-44489.	5.3	5
27	Electrolytic removal of ammonia from aqueous phase by Pt/Ti anode. <i>Water Science and Technology</i> , 2013, 67, 2451-2457.	2.5	4
28	Visible Light Photocatalytic Ozonation of Oxalic Acid by MnO _x -g-C ₃ N ₄ Composite. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, 04018063.	1.4	4
29	Enhanced Electrolytic Removal of Ammonia from the Aqueous Phase with a Zeolite-Packed Electrolysis Reactor under a Continuous Mode. <i>Journal of Environmental Engineering, ASCE</i> , 2015, 141, 04014056.	1.4	3
30	Catalytic Ozonation of Ciprofloxacin with Cu ²⁺ /Al Layered Double Hydroxides Based on Response Surface Analysis. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	1.4	3
31	Quantitative Analysis of the Structure of Organic Acids and Their Degradation Rates during Ozonation Catalyzed with ZnAl Layered Double Hydroxide. <i>Ozone: Science and Engineering</i> , 2023, 45, 202-212.	2.5	1
32	Magnetic cotton textile wastes pyrolyzed by ferric cerium oxide for degradation of <i>p</i> -nitrophenol by catalytic ozonation. <i>Water Science and Technology</i> , 2021, 83, 2296-2308.	2.5	0