

Lie Yang

List of Publications by Year in descending order

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42
papers

1,613
citations

331538

21
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302012

39
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docs citations

42
times ranked

1323
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal synthesis of magnetic sludge biochar for tetracycline and ciprofloxacin adsorptive removal. <i>Bioresource Technology</i> , 2021, 319, 124199.	4.8	175
2	Persulfate-based degradation of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) in aqueous solution: Review on influences, mechanisms and prospective. <i>Journal of Hazardous Materials</i> , 2020, 393, 122405.	6.5	150
3	Review on ultrasound assisted persulfate degradation of organic contaminants in wastewater: Influences, mechanisms and prospective. <i>Chemical Engineering Journal</i> , 2019, 378, 122146.	6.6	145
4	Global trends of solid waste research from 1997 to 2011 by using bibliometric analysis. <i>Scientometrics</i> , 2013, 96, 133-146.	1.6	110
5	Iron/zinc and phosphoric acid modified sludge biochar as an efficient adsorbent for fluoroquinolones antibiotics removal. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110550.	2.9	93
6	Efficient degradation of diclofenac sodium by periodate activation using Fe/Cu bimetallic modified sewage sludge biochar/UV system. <i>Science of the Total Environment</i> , 2021, 783, 146974.	3.9	79
7	Carbon nanotube supported sludge biochar as an efficient adsorbent for low concentrations of sulfamethoxazole removal. <i>Science of the Total Environment</i> , 2020, 718, 137299.	3.9	77
8	Emergency response to the explosive growth of health care wastes during COVID-19 pandemic in Wuhan, China. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105074.	5.3	75
9	Adsorptive removal of imidacloprid by potassium hydroxide activated magnetic sugarcane bagasse biochar: Adsorption efficiency, mechanism and regeneration. <i>Journal of Cleaner Production</i> , 2021, 292, 126005.	4.6	62
10	A novel, efficient and sustainable magnetic sludge biochar modified by graphene oxide for environmental concentration imidacloprid removal. <i>Journal of Hazardous Materials</i> , 2021, 407, 124777.	6.5	60
11	UV/SO ₃ ²⁻ based advanced reduction processes of aqueous contaminants: Current status and prospects. <i>Chemical Engineering Journal</i> , 2020, 397, 125412.	6.6	48
12	Efficient adsorptive removal of fluoroquinolone antibiotics from water by alkali and bimetallic salts co-hydrothermally modified sludge biochar. <i>Environmental Pollution</i> , 2022, 298, 118833.	3.7	45
13	Novel insights into the mechanism of periodate activation by heterogeneous ultrasonic-enhanced sludge biochar: Relevance for efficient degradation of levofloxacin. <i>Journal of Hazardous Materials</i> , 2022, 434, 128860.	6.5	44
14	Highly efficient removal of imidacloprid using potassium hydroxide activated magnetic microporous loofah sponge biochar. <i>Science of the Total Environment</i> , 2021, 765, 144253.	3.9	37
15	One-pot hydrothermal synthesis of magnetic N-doped sludge biochar for efficient removal of tetracycline from various environmental waters. <i>Separation and Purification Technology</i> , 2022, 297, 121426.	3.9	32
16	Synergistic heat/UV activated persulfate for the treatment of nanofiltration concentrated leachate. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111522.	2.9	31
17	Iron-manganese oxide loaded sludge biochar as a novel periodate activator for thiacloprid efficient degradation over a wide pH range. <i>Separation and Purification Technology</i> , 2022, 288, 120703.	3.9	31
18	Nutrient transferring from wastewater to desert through artificial cultivation of desert cyanobacteria. <i>Bioresource Technology</i> , 2018, 247, 947-953.	4.8	29

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19	Highly efficient nickel (II) removal by sewage sludge biochar supported $\hat{\text{I}}\pm\text{-Fe}_2\text{O}_3$ and $\hat{\text{I}}\pm\text{-FeOOH}$: Sorption characteristics and mechanisms. <i>PLoS ONE</i> , 2019, 14, e0218114.	1.1	26
20	Evaluating the performance and intellectual structure of construction and demolition waste research during 2000â€“2016. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19259-19266.	2.7	25
21	Comparison study of landfill gas emissions from subtropical landfill with various phases: A case study in Wuhan, China. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 980-986.	0.9	23
22	Removal of refractory contaminants in municipal landfill leachate by hydrogen, oxygen and palladium: A novel approach of hydroxyl radical production. <i>Journal of Hazardous Materials</i> , 2015, 287, 349-355.	6.5	22
23	Quantitative evaluation of infectious health care wastes from numbers of confirmed, suspected and out-patients during COVID-19 pandemic: A case study of Wuhan. <i>Waste Management</i> , 2021, 126, 323-330.	3.7	21
24	Kinetics and mechanisms of chloramphenicol degradation in aqueous solutions using heat-assisted nZVI activation of persulfate. <i>Journal of Molecular Liquids</i> , 2020, 313, 113511.	2.3	19
25	Periodate-based oxidation focusing on activation, multivariate-controlled performance and mechanisms for water treatment and purification. <i>Separation and Purification Technology</i> , 2022, 289, 120746.	3.9	17
26	A visualized investigation on the intellectual structure and evolution of waste printed circuit board research during 2000â€“2016. <i>Environmental Science and Pollution Research</i> , 2019, 26, 11336-11341.	2.7	16
27	An efficient, green and sustainable potassium hydroxide activated magnetic corn cob biochar for imidacloprid removal. <i>Chemosphere</i> , 2022, 291, 132707.	4.2	15
28	Research output analysis of municipal solid waste: a case study of China. <i>Scientometrics</i> , 2013, 96, 641-650.	1.6	12
29	Review on plant uptake of PFOS and PFOA for environmental cleanup: potential and implications. <i>Environmental Science and Pollution Research</i> , 2021, 28, 30459-30470.	2.7	12
30	Photosynthesis of alfalfa (<i>Medicago sativa</i>) in response to landfill leachate contamination. <i>Chemosphere</i> , 2017, 186, 743-748.	4.2	11
31	Growing trend of Chinaâ€™s contribution to haze research. <i>Scientometrics</i> , 2015, 105, 525-535.	1.6	10
32	Ecological effects of cow manure compost on soils contaminated by landfill leachate. <i>Ecological Indicators</i> , 2013, 32, 14-18.	2.6	9
33	Removal of volatile fatty acid in landfill leachate by the microwave-hydrothermal method. <i>Desalination and Water Treatment</i> , 2014, 52, 4423-4429.	1.0	9
34	Temperature modulating sand-consolidating cyanobacterial biomass, nutrients removal and bacterial community dynamics in municipal wastewater. <i>Bioresource Technology</i> , 2020, 301, 122758.	4.8	9
35	Nitrogen concentration acting as an environmental signal regulates cyanobacterial EPS excretion. <i>Chemosphere</i> , 2022, 291, 132878.	4.2	8
36	Study on trends and performance of landfill research from 1999 to 2013 by using bibliometric analysis. <i>Environmental Progress and Sustainable Energy</i> , 2015, 34, 1349-1355.	1.3	5

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37	Hydrothermal Enhanced Nanoscale Zero-Valent Iron Activated Peroxydisulfate Oxidation of Chloramphenicol in Aqueous Solutions: Fe-Speciation Analysis and Modeling Optimization. <i>Water</i> (Switzerland), 2020, 12, 131.	1.2	5
38	Synergistic Fe ²⁺ /UV activated peroxydisulfate as an efficient method for the degradation of thiacloprid. <i>Chemical Engineering Research and Design</i> , 2022, 161, 466-475.	2.7	5
39	Soil respiratory and enzyme activities in leachate-contaminated soils with different application rate of cow manure compost: a laboratory study. <i>Environmental Earth Sciences</i> , 2014, 71, 225-231.	1.3	4
40	Inoculation concentration modulating the secretion and accumulation pattern of exopolysaccharides in desert cyanobacterium <i>Microcoleus vaginatus</i> . <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 330-337.	1.4	3
41	Physical Disturbance Reduces Cyanobacterial Relative Abundance and Substrate Metabolism Potential of Biological Soil Crusts on a Gold Mine Tailing of Central China. <i>Frontiers in Microbiology</i> , 2022, 13, 811039.	1.5	3
42	Acute Toxicity Test of Landfill Leachates Using Protozoan Communities. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	1