

lichun Dai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4030954/publications.pdf>

Version: 2024-02-01

35
papers

2,155
citations

279798

23
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

2315
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of biochar-derived DOM on the interaction between Cu(II) and biochar prepared at different pyrolysis temperatures. <i>Journal of Hazardous Materials</i> , 2022, 421, 126739.	12.4	45
2	Current status and future prospective of bio-ethanol industry in China. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 145, 111079.	16.4	43
3	Valorization of oxytetracycline fermentation residue through torrefaction into a versatile and recyclable adsorbent for water pollution control. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105397.	6.7	13
4	Tuning oxygenated functional groups on biochar for water pollution control: A critical review. <i>Journal of Hazardous Materials</i> , 2021, 420, 126547.	12.4	101
5	Bioenergy from dairy manure: technologies, challenges and opportunities. <i>Science of the Total Environment</i> , 2021, 790, 148199.	8.0	23
6	Interaction between chlortetracycline and calcium-rich biochar: Enhanced removal by adsorption coupled with flocculation. <i>Chemical Engineering Journal</i> , 2020, 382, 122705.	12.7	66
7	Post-engineering of biochar via thermal air treatment for highly efficient promotion of uranium(VI) adsorption. <i>Bioresource Technology</i> , 2020, 298, 122576.	9.6	53
8	Regulation of nitrogen dynamics at the sediment-water interface during HAB degradation and subsequent reoccurrence. <i>RSC Advances</i> , 2020, 10, 13480-13488.	3.6	7
9	Oxygen-rich biochar from torrefaction: A versatile adsorbent for water pollution control. <i>Bioresource Technology</i> , 2019, 294, 122142.	9.6	44
10	Procedural growth of fungal hyphae/Fe ₃ O ₄ /graphene oxide as ordered-structure composites for water purification. <i>Chemical Engineering Journal</i> , 2019, 355, 777-783.	12.7	59
11	Interactions between suspended particulate matter and algal cells contributed to the reconstruction of phytoplankton communities in turbulent waters. <i>Water Research</i> , 2019, 149, 251-262.	11.3	53
12	Bioassembly of fungal hypha/graphene oxide aerogel as high performance adsorbents for U(VI) removal. <i>Chemical Engineering Journal</i> , 2018, 347, 407-414.	12.7	92
13	Bioassembly of fungal hyphae/carbon nanotubes composite as a versatile adsorbent for water pollution control. <i>Chemical Engineering Journal</i> , 2018, 339, 214-222.	12.7	88
14	Application of sequential extraction analysis to Pb(II) recovery by zerovalent iron-based particles. <i>Journal of Hazardous Materials</i> , 2018, 351, 138-146.	12.4	18
15	Bioassembly of fungal hyphae/graphene oxide composite as high performance adsorbents for U(VI) removal. <i>Applied Surface Science</i> , 2018, 458, 226-235.	6.1	21
16	Calcium-rich biochar from crab shell: An unexpected super adsorbent for dye removal. <i>Bioresource Technology</i> , 2018, 267, 510-516.	9.6	187
17	Bio-ethanol production by <i>Zymomonas mobilis</i> using pretreated dairy manure as a carbon and nitrogen source. <i>RSC Advances</i> , 2017, 7, 3768-3779.	3.6	13
18	Calcium-rich biochar from the pyrolysis of crab shell for phosphorus removal. <i>Journal of Environmental Management</i> , 2017, 198, 70-74.	7.8	127

#	ARTICLE	IF	CITATIONS
19	A synergistic combination of nutrient reclamation from manure and resultant hydrochar upgradation by acid-supported hydrothermal carbonization. <i>Bioresource Technology</i> , 2017, 243, 860-866.	9.6	62
20	Replacing process water and nitrogen sources with biogas slurry during cellulosic ethanol production. <i>Biotechnology for Biofuels</i> , 2017, 10, 236.	6.2	5
21	Integrated Methane and Ethanol Production from Livestock Manure and Soybean Straw. <i>BioResources</i> , 2017, 12, .	1.0	9
22	Engineered <i>Zymomonas mobilis</i> for salt tolerance using EZ-Tn5-based transposon insertion mutagenesis system. <i>Microbial Cell Factories</i> , 2016, 15, 101.	4.0	24
23	Biochar: a potential route for recycling of phosphorus in agricultural residues. <i>GCB Bioenergy</i> , 2016, 8, 852-858.	5.6	61
24	Using global transcription machinery engineering (gTME) to improve ethanol tolerance of <i>Zymomonas mobilis</i> . <i>Microbial Cell Factories</i> , 2016, 15, 4.	4.0	63
25	Complete genome sequence of strain <i>Lentibacillus amyloliquefaciens</i> LAM0015T isolated from saline sediment. <i>Journal of Biotechnology</i> , 2016, 220, 88-89.	3.8	2
26	Adaptive laboratory evolution of ethanologenic <i>Zymomonas mobilis</i> strain tolerant to furfural and acetic acid inhibitors. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 5739-5748.	3.6	72
27	Immobilization of phosphorus in cow manure during hydrothermal carbonization. <i>Journal of Environmental Management</i> , 2015, 157, 49-53.	7.8	113
28	Improving furfural tolerance of <i>Zymomonas mobilis</i> by rewiring a sigma factor RpoD protein. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 5363-5371.	3.6	44
29	The effects of red soil in removing phosphorus from water column and reducing phosphorus release from sediment in Lake Taihu. <i>Water Science and Technology</i> , 2014, 69, 1052-1058.	2.5	18
30	<i>Zymomonas mobilis</i> : a novel platform for future biorefineries. <i>Biotechnology for Biofuels</i> , 2014, 7, 101.	6.2	183
31	Engineered hydrochar composites for phosphorus removal/recovery: Lanthanum doped hydrochar prepared by hydrothermal carbonization of lanthanum pretreated rice straw. <i>Bioresource Technology</i> , 2014, 161, 327-332.	9.6	111
32	Direct ethanol production from dextran industrial waste water by <i>Zymomonas mobilis</i> . <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 2003-2007.	2.7	10
33	Bamboo: A new source of carbohydrate for biorefinery. <i>Carbohydrate Polymers</i> , 2014, 111, 645-654.	10.2	109
34	Impact of Suspended Inorganic Particles on Phosphorus Cycling in the Yellow River (China). <i>Environmental Science & Technology</i> , 2013, 47, 9685-9692.	10.0	99
35	Reducing the Recruitment of Sedimented Algae and Nutrient Release into the Overlying Water Using Modified Soil/Sand Flocculation-Capping in Eutrophic Lakes. <i>Environmental Science & Technology</i> , 2012, 46, 5077-5084.	10.0	117