

Chunjie Li

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,886
citations

279798

23
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

2359
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors affecting ethanol fermentation using <i>Saccharomyces cerevisiae</i> BY4742. <i>Biomass and Bioenergy</i> , 2012, 47, 395-401.	5.7	209
2	Simultaneous removal of ammonium and phosphate by zeolite synthesized from fly ash as influenced by salt treatment. <i>Journal of Colloid and Interface Science</i> , 2006, 304, 300-306.	9.4	164
3	High-concentration food wastewater treatment by an anaerobic membrane bioreactor. <i>Water Research</i> , 2005, 39, 4110-4118.	11.3	153
4	Removal and recovery of phosphate from water by activated aluminum oxide and lanthanum oxide. <i>Powder Technology</i> , 2015, 269, 351-357.	4.2	142
5	Green synthesis of a novel hybrid sorbent of zeolite/lanthanum hydroxide and its application in the removal and recovery of phosphate from water. <i>Journal of Colloid and Interface Science</i> , 2014, 423, 13-19.	9.4	141
6	Chitosan modified zeolite as a versatile adsorbent for the removal of different pollutants from water. <i>Fuel</i> , 2013, 103, 480-485.	6.4	95
7	Removal of trivalent chromium from aqueous solution by zeolite synthesized from coal fly ash. <i>Journal of Hazardous Materials</i> , 2008, 155, 415-423.	12.4	90
8	Surfactant modified zeolite as adsorbent for removal of humic acid from water. <i>Applied Clay Science</i> , 2011, 52, 353-357.	5.2	84
9	Application of zeolite/hydrous zirconia composite as a novel sediment capping material to immobilize phosphorus. <i>Water Research</i> , 2017, 123, 1-11.	11.3	65
10	Effect of aquaculture salinity on nitrification and microbial community in moving bed bioreactors with immobilized microbial granules. <i>Bioresource Technology</i> , 2020, 297, 122427.	9.6	63
11	Removal of methylene blue from aqueous solution by adsorption onto zeolite synthesized from coal fly ash and its thermal regeneration. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 845-850.	3.2	58
12	Effect of calcium silicate hydrates (CSH) on phosphorus immobilization and speciation in shallow lake sediment. <i>Chemical Engineering Journal</i> , 2017, 317, 844-853.	12.7	56
13	Synthesis of zeolite/hydrous metal oxide composites from coal fly ash as efficient adsorbents for removal of methylene blue from water. <i>International Journal of Mineral Processing</i> , 2016, 148, 32-40.	2.6	47
14	Pollution control and in situ bioremediation for lake aquaculture using an ecological dam. <i>Journal of Cleaner Production</i> , 2018, 172, 2256-2265.	9.3	45
15	Reducing harmful algae in raw water by light-shading. <i>Process Biochemistry</i> , 2009, 44, 357-360.	3.7	39
16	Performance of a pilot-scale aquaponics system using hydroponics and immobilized biofilm treatment for water quality control. <i>Journal of Cleaner Production</i> , 2019, 208, 274-284.	9.3	37
17	Removal of low concentration nutrients in hydroponic wetlands integrated with zeolite and calcium silicate hydrate functional substrates. <i>Ecological Engineering</i> , 2015, 82, 442-450.	3.6	32
18	Laboratory investigation of reducing two algae from eutrophic water treated with light-shading plus aeration. <i>Chemosphere</i> , 2009, 76, 1303-1307.	8.2	30

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19	Effect of calcium silicate hydrates coupled with <i>Myriophyllum spicatum</i> on phosphorus release and immobilization in shallow lake sediment. <i>Chemical Engineering Journal</i> , 2018, 331, 462-470.	12.7	30
20	Efficient nitrification treatment of comprehensive industrial wastewater by using Novel Mass Bio System. <i>Journal of Cleaner Production</i> , 2018, 172, 368-384.	9.3	28
21	Ethanol production from sugarcane bagasse by fed-batch simultaneous saccharification and fermentation at high solids loading. <i>Energy Science and Engineering</i> , 2018, 6, 810-818.	4.0	28
22	An advanced anaerobic expanded granular sludge bed (AnaEG) for the treatment of coal gasification wastewater. <i>RSC Advances</i> , 2014, 4, 57580-57586.	3.6	26
23	Physiological and molecular biological characteristics of heterotrophic ammonia oxidation by <i>Bacillus</i> sp. LY. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1605-1612.	3.6	25
24	Application of zeolitic material synthesized from thermally treated sediment to the removal of trivalent chromium from wastewater. <i>Journal of Hazardous Materials</i> , 2009, 167, 244-249.	12.4	24
25	Response of treatment performance and microbial community structure to the temporary suspension of an industrial anaerobic bioreactor. <i>Science of the Total Environment</i> , 2019, 646, 229-237.	8.0	22
26	The inverse correlation between growth rate and cell carbohydrate content of <i>Microcystis aeruginosa</i> . <i>Journal of Applied Phycology</i> , 2010, 22, 105-107.	2.8	21
27	Recovery of nutrients from fish sludge in an aquaponic system using biological aerated filters with ceramsite plus lignocellulosic material media. <i>Journal of Cleaner Production</i> , 2020, 258, 120886.	9.3	21
28	In-situ removal of residual antibiotics (enrofloxacin) in recirculating aquaculture system: Effect of ultraviolet photolysis plus biodegradation using immobilized microbial granules. <i>Journal of Cleaner Production</i> , 2022, 333, 130190.	9.3	17
29	A new sorbent that simultaneously sequesters multiple classes of pollutants from water: Surfactant modified zeolite. <i>Science China Technological Sciences</i> , 2013, 56, 1749-1757.	4.0	15
30	The Advanced Anaerobic Expanded Granular Sludge Bed (AnaEG) Possessed Temporally and Spatially Stable Treatment Performance and Microbial Community in Treating Starch Processing Wastewater. <i>Frontiers in Microbiology</i> , 2018, 9, 589.	3.5	14
31	A novel environmental biotechnological aerobic process (BioAX) for the treatment of coal gasification wastewater. <i>RSC Advances</i> , 2014, 4, 35156.	3.6	13
32	Treating surface water with low nutrients concentration by mixed substrates constructed wetlands. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 771-776.	1.7	12
33	Feasibility Study of Composting and Anaerobic Digestion Plant at Community Scale in Malaysia. <i>Waste and Biomass Valorization</i> , 2020, 11, 5165-5173.	3.4	7
34	Enhancing nutrient recovery from fish sludge using a modified biological aerated filter with sponge media with extended filtration in aquaponics. <i>Journal of Cleaner Production</i> , 2021, 320, 128804.	9.3	5
35	Enhanced precipitation performance for treating high-phosphorus wastewater using novel magnetic seeds from coal fly ash. <i>Journal of Environmental Management</i> , 2022, 315, 115168.	7.8	5
36	Oxidative stress responses of submerged macrophyte <i>Vallisneria asiatica</i> to different concentrations of cyanobacteria. <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 364-371.	0.7	4

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37	Dilution rate of compost leachate from different biowaste for the fertigation of vegetables. Journal of Environmental Management, 2021, 295, 113010.	7.8	4
38	Clean technologies and policies for sustainable development in Asia. Clean Technologies and Environmental Policy, 2019, 21, 1897-1898.	4.1	3
39	Divergence of Granular Sludges and Microbial Communities in Two Types of Anaerobic Reactors Treating Different Wastewaters. Journal of Microbiology and Biotechnology, 2019, 29, 633-644.	2.1	3
40	THE EVALUATION OF SINANODONTA WOODIANA APPLICATION FEASIBILITY AS A MICROCYSTIS-BLOOMING REMOVAL TOOL IN MICROCOSM EXPERIMENTS. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2013, 69, III_45-III_53.	0.1	2
41	Treatment of centrifugal mother liquid of polyvinyl chloride by internal circulation aerobic biofilm reactor: Lab to plant scale system. Journal of Cleaner Production, 2018, 200, 568-577.	9.3	2