

Jieming Li

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

641
citations

759233

12
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint effects and mechanisms of luteolin and kaempferol on toxigenic <i>Microcystis</i> growth—Comprehensive analysis on two isomers interaction in binary mixture. <i>Journal of Environmental Management</i> , 2022, 312, 114904.	7.8	2
2	Effect of varying pH and co-existing microcystin-LR on time- and concentration-dependent cadmium sorption by goethite-modified biochar derived from distillers' grains. <i>Environmental Pollution</i> , 2022, 307, 119490.	7.5	10
3	Microcystin-LR sorption and desorption by diverse biochars: Capabilities, and elucidating mechanisms from novel insights of sorption domains and site energy distribution. <i>Science of the Total Environment</i> , 2021, 754, 141921.	8.0	7
4	Long-term and strong suppression against <i>Microcystis</i> growth and microcystin-release by luteolin continuous-release microsphere: Optimal construction, characterization, effects and proteomic mechanisms. <i>Water Research</i> , 2021, 202, 117448.	11.3	11
5	Time- and dose-dependent allelopathic effects and mechanisms of kaempferol on toxigenic <i>Microcystis</i> growth. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112508.	6.0	12
6	Contrasting microcystin-LR sorption and desorption capability of different farmland soils amended with biochar: Effects of biochar dose and aging time. <i>Environmental Pollution</i> , 2021, 286, 117364.	7.5	4
7	Comparative growth and cellular responses of toxigenic <i>Microcystis</i> exposed to different types of microplastics at various doses. <i>Environmental Pollution</i> , 2021, 290, 117950.	7.5	24
8	Growth and Cellular Responses of Toxigenic <i>Microcystis</i> to Chloramphenicol-Stress at Various Environmentally-Relevant Nitrogen Levels. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 337-344.	2.7	5
9	Functional and structural analyses for MlrC enzyme of <i>Novosphingobium</i> sp. THN1 in microcystin-biodegradation: Involving optimized heterologous expression, bioinformatics and site-directed mutagenesis. <i>Chemosphere</i> , 2020, 255, 126906.	8.2	13
10	Growth, physiological responses and microcystin-production/-release dynamics of <i>Microcystis aeruginosa</i> exposed to various luteolin doses. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110540.	6.0	32
11	Phosphorus Influences the Interaction Between Toxigenic <i>Microcystis</i> and Chloramphenicol. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 391-398.	2.7	11
12	Comparative study for microcystin-LR sorption onto biochars produced from various plant- and animal-wastes at different pyrolysis temperatures: Influencing mechanisms of biochar properties. <i>Bioresource Technology</i> , 2018, 247, 794-803.	9.6	66
13	Elucidating the Regulatory Functions of MlrA Originated from <i>Novosphingobium</i> sp. THN1 in Microcystin-LR Degradation. , 2018, 08, .		1
14	Current research scenario for microcystins biodegradation – A review on fundamental knowledge, application prospects and challenges. <i>Science of the Total Environment</i> , 2017, 595, 615-632.	8.0	208
15	Heterologous expression of mlrA gene originated from <i>Novosphingobium</i> sp. THN1 to degrade microcystin-RR and identify the first step involved in degradation pathway. <i>Chemosphere</i> , 2017, 184, 159-167.	8.2	22
16	Discerning biodegradation and adsorption of microcystin-LR in a shallow semi-enclosed bay and bacterial community shifts in response to associated process. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 123-131.	6.0	33
17	Assessment of the factors contributing to the variations in microcystins biodegradability of the biofilms on a practical biological treatment facility. <i>Bioresource Technology</i> , 2015, 175, 463-472.	9.6	19
18	Divergent responses of functional gene expression to various nutrient conditions during microcystin-LR biodegradation by <i>Novosphingobium</i> sp. THN1 strain. <i>Bioresource Technology</i> , 2014, 156, 335-341.	9.6	31

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19	Investigations into the biodegradation of microcystin-LR mediated by the biofilm in wintertime from a biological treatment facility in a drinking-water treatment plant. <i>Bioresource Technology</i> , 2012, 106, 27-35.	9.6	51
20	Dynamics of the functional gene copy number and overall bacterial community during microcystin-LR degradation by a biological treatment facility in a drinking water treatment plant. <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 695-701.	2.2	21
21	Comparative study for the effects of variable nutrient conditions on the biodegradation of microcystin-LR and concurrent dynamics in microcystin-degrading gene abundance. <i>Bioresource Technology</i> , 2011, 102, 9509-9517.	9.6	44
22	Biodegradation of microcystins by bacterial communities co-existing with the flagellate <i>Monas guttula</i> and concurrent succession of community structures. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2011, 60, 352-363.	1.4	14