Jieming Li

List of Publications by Year
in descending order

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	Current research scenario for microcystins biodegradation â€“ A review on fundamental knowledge, application prospects and challenges. Science of the Total Environment, 2017, 595, 615-632.	8.0	208
2	Comparative study for microcystin-LR sorption onto biochars produced from various plant- and animal-wastes at different pyrolysis temperatures: Influencing mechanisms of biochar properties. Bioresource Technology, 2018, 247, 794-803.	9.6	66
3	Investigations into the biodegradation of microcystin-LR mediated by the biofilm in wintertime from a biological treatment facility in a drinking-water treatment plant. Bioresource Technology, 2012, 106, 27-35.	9.6	51
4	Comparative study for the effects of variable nutrient conditions on the biodegradation of microcystin-LR and concurrent dynamics in microcystin-degrading gene abundance. Bioresource Technology, 2011, 102, 9509-9517.	9.6	44
5	Discerning biodegradation and adsorption of microcystin-LR in a shallow semi-enclosed bay and bacterial community shifts in response to associated process. Ecotoxicology and Environmental Safety, 2016, 132, 123-131.	6.0	33
6	Growth, physiological responses and microcystin-production/-release dynamics of Microcystis aeruginosa exposed to various luteolin doses. Ecotoxicology and Environmental Safety, 2020, 196, 110540.	6.0	32
7	Divergent responses of functional gene expression to various nutrient conditions during microcystin-LR biodegradation by Novosphingobium sp. THN1 strain. Bioresource Technology, 2014, 156, 335-341.	9.6	31
8	Comparative growth and cellular responses of toxigenic Microcystis exposed to different types of microplastics at various doses. Environmental Pollution, 2021, 290, 117950.	7.5	24
9	Heterologous expression of mlrA gene originated from Novosphingobium sp. THN1 to degrade microcystin-RR and identify the first step involved in degradation pathway. Chemosphere, 2017, 184, 159-167.	8.2	22
10	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. Journal of Bioscience and Bioengineering, 2011, 111, 695-701.	2.2	21
11	Assessment of the factors contributing to the variations in microcystins biodegradability of the biofilms on a practical biological treatment facility. Bioresource Technology, 2015, 175, 463-472.	9.6	19
12	Biodegradation of microcystins by bacterial communities co-existing with the flagellate Monas guttula and concurrent succession of community structures. Journal of Water Supply: Research and Technology - AQUA, 2011, 60, 352-363.	1.4	14
13	Functional and structural analyses for MlrC enzyme of Novosphingobium sp. THN1 in microcystin-biodegradation: Involving optimized heterologous expression, bioinformatics and site-directed mutagenesis. Chemosphere, 2020, 255, 126906.	8.2	13
14	Time- and dose-dependent allelopathic effects and mechanisms of kaempferol on toxigenic Microcystis growth. Ecotoxicology and Environmental Safety, 2021, 222, 112508.	6.0	12
15	Phosphorus Influences the Interaction Between Toxigenic Microcystis and Chloramphenicol. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 391-398.	2.7	11
16	Long-term and strong suppression against Microcystis growth and microcystin-release by luteolin continuous-release microsphere: Optimal construction, characterization, effects and proteomic mechanisms. Water Research, 2021, 202, 117448.	11.3	11
17	Effect of varying pH and co-existing microcystin-LR on time- and concentration-dependent cadmium sorption by goethite-modified biochar derived from distillersâ€™ grains. Environmental Pollution, 2022, 307, 119490.	7.5	10
18	Microcystin-LR sorption and desorption by diverse biochars: Capabilities, and elucidating mechanisms from novel insights of sorption domains and site energy distribution. Science of the Total Environment, 2021, 754, 141921.	8.0	7

#	Article	IF	Citations
19	Growth and Cellular Responses of Toxigenic Microcystis to Chloramphenicol-Stress at Various Environmentally-Relevant Nitrogen Levels. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 337-344.	2.7	5
20	Contrasting microcystin-LR sorption and desorption capability of different farmland soils amended with biochar: Effects of biochar dose and aging time. Environmental Pollution, 2021, 286, 117364.	7.5	4
21	Joint effects and mechanisms of luteolin and kaempferol on toxigenic Microcystis growthâ€”Comprehensive analysis on two isomers interaction in binary mixture. Journal of Environmental Management, 2022, 312, 114904.	7.8	2
22	Elucidating the Regulatory Functions of MlrA Originated from Novosphingobium sp. THN1 in Microcystin-LR Degradation. , 2018, 08, .		1