Chunbo Wang

List of Publications by Year
in descending order

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17	303	933447 10	888059 17
papers	citations	h-index	g-index

17	17	17	287
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioaugmentation treatment of nitrogen-rich wastewater with a denitrifier with biofilm-formation and nitrogen-removal capacities in a sequencing batch biofilm reactor. Bioresource Technology, 2020, 303, 122905.	9.6	43
2	Novel heterotrophic nitrogen removal and assimilation characteristic of the newly isolated bacterium Pseudomonas stutzeri AD-1. Journal of Bioscience and Bioengineering, 2018, 126, 339-345.	2.2	37
3	Efficacy of zero nitrous oxide emitting aerobic denitrifying bacterium, Methylobacterium gregans DC-1 in nitrate removal with strong auto-aggregation property. Bioresource Technology, 2019, 293, 122083.	9.6	32
4	A quantitative protocol for rapid analysis of cell density and size distribution of pelagic and benthic Microcystis colonies by FlowCAM. Journal of Applied Phycology, 2015, 27, 711-720.	2.8	31
5	Evaluation of the potential of anoxic biodegradation of intracellular and dissolved microcystins in lake sediments. Journal of Hazardous Materials, 2015, 286, 395-401.	12.4	21
6	Denitrification characterization of dissolved oxygen microprofiles in lake surface sediment through analyzing abundance, expression, community composition and enzymatic activities of denitrifier functional genes. AMB Express, 2019, 9, 129.	3.0	19
7	Co-regulatory role of Microcystis colony cell volume and compactness in buoyancy during the growth stage. Environmental Science and Pollution Research, 2020, 27, 42313-42323.	5.3	16
8	Quantitative study on the survivability of Microcystis colonies in lake sediments. Journal of Applied Phycology, 2018, 30, 495-506.	2.8	15
9	Spatiotemporal dynamics of cell abundance, colony size and intracellular toxin concentrations of pelagic and benthic Microcystis in Lake Caohai, China. Journal of Environmental Sciences, 2019, 84, 184-196.	6.1	15
10	Involvement of microcystins, colony size and photosynthetic activity in the benthic recruitment of Microcystis. Journal of Applied Phycology, 2019, 31, 223-233.	2.8	14
11	Vertical distribution of Fe and Fe(III)-reducing bacteria in the sediments of Lake Donghu, China. Canadian Journal of Microbiology, 2015, 61, 575-583.	1.7	11
12	Bioflocculation effect of Glyptotendipes tokunagai on different Microcystis species: Interactions between secreted silk and extracellular polymeric substances. Chemosphere, 2021, 277, 130321.	8.2	11
13	Feedback regulation of surface scum formation and persistence by self-shading of Microcystis colonies: Numerical simulations and laboratory experiments. Water Research, 2021, 194, 116908.	11.3	10
14	Effects of chronic exposure to microcystin-LR on life-history traits, intestinal microbiota and transcriptomic responses in Chironomus pallidivittatus. Science of the Total Environment, 2022, 823, 153624.	8.0	10
15	Simultaneous removal of cyanobacterial blooms and production of clean water by coupling flocculation with a rotary drum filter. Environmental Science and Pollution Research, 2021, 28, 42082-42092.	5.3	8
16	Effects of organic carbon consumption on denitrifier community composition and diversity along dissolved oxygen vertical profiles in lake sediment surface. Journal of Oceanology and Limnology, 2020, 38, 733-744.	1.3	5
17	Flexibility of Microcystis Overwintering Strategy in Response to Winter Temperatures. Microorganisms, 2021, 9, 2278.	3.6	5