

Chunbo Wang

List of Publications by Year in descending order

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papers

303
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888059

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287
citing authors

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