

Shaohua Yan

List of Publications by Year in descending order

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25
papers

540
citations

759233

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25
all docs

25
docs citations

25
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale utilization of water hyacinth for nutrient removal in Lake Dianchi in China: The effects on the water quality, macrozoobenthos and zooplankton. <i>Chemosphere</i> , 2012, 89, 1255-1261.	8.2	86
2	Interaction of veterinary antibiotic tetracyclines and copper on their fates in water and water hyacinth (<i>Eichhornia crassipes</i>). <i>Journal of Hazardous Materials</i> , 2014, 280, 389-398.	12.4	65
3	Site test of phytoremediation of an open pond contaminated with domestic sewage using water hyacinth and water lettuce. <i>Ecological Engineering</i> , 2016, 95, 753-762.	3.6	61
4	Soil chemical and microbial responses to biogas slurry amendment and its effect on <i>Fusarium</i> wilt suppression. <i>Applied Soil Ecology</i> , 2016, 107, 116-123.	4.3	53
5	Nitrogen removal from Lake Caohai, a typical ultra-eutrophic lake in China with large scale confined growth of <i>Eichhornia crassipes</i> . <i>Chemosphere</i> , 2013, 92, 177-183.	8.2	52
6	Effects of various amino acids as organic nitrogen sources on the growth and biochemical composition of <i>Chlorella pyrenoidosa</i> . <i>Bioresource Technology</i> , 2015, 197, 458-464.	9.6	25
7	¹⁵ N isotope fractionation in an aquatic food chain: <i>Bellamyia aeruginosa</i> (Reeve) as an algal control agent. <i>Journal of Environmental Sciences</i> , 2010, 22, 242-247.	6.1	24
8	Estimation of N ₂ and N ₂ O ebullition from eutrophic water using an improved bubble trap device. <i>Ecological Engineering</i> , 2013, 57, 403-412.	3.6	23
9	Seasonal and diurnal dynamics of physicochemical parameters and gas production in vertical water column of a eutrophic pond. <i>Ecological Engineering</i> , 2016, 87, 313-323.	3.6	18
10	Fenced cultivation of water hyacinth for cyanobacterial bloom control. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17742-17752.	5.3	17
11	Effect of <i>Eichhornia crassipes</i> on production of N ₂ by denitrification in eutrophic water. <i>Ecological Engineering</i> , 2014, 68, 14-24.	3.6	14
12	Impacts of <i>Eichhornia crassipes</i> (Mart.) Solms stress on the physiological characteristics, microcystin production and release of <i>Microcystis aeruginosa</i> . <i>Biochemical Systematics and Ecology</i> , 2014, 55, 148-155.	1.3	12
13	Sediment-Water Methane Flux in a Eutrophic Pond and Primary Influential Factors at Different Time Scales. <i>Water (Switzerland)</i> , 2017, 9, 601.	2.7	12
14	Fate of ¹⁵ NO ₃ ⁻ and ¹⁵ NH ₄ ⁺ in the Treatment of Eutrophic Water Using the Floating Macrophyte, <i>Eichhornia crassipes</i> . <i>Journal of Environmental Quality</i> , 2012, 41, 1653-1660.	2.0	11
15	Use of Water Hyacinth (<i>Eichhornia crassipes</i>) Compost As a Peat Substitute in Soilless Growth Media. <i>Compost Science and Utilization</i> , 2015, 23, 237-247.	1.2	10
16	Response of Spatial Patterns of Denitrifying Bacteria Communities to Water Properties in the Stream Inlets at Dianchi Lake, China. <i>International Journal of Genomics</i> , 2015, 2015, 1-11.	1.6	9
17	Efficient assimilation of cyanobacterial nitrogen by water hyacinth. <i>Bioresource Technology</i> , 2017, 241, 1197-1200.	9.6	9
18	Variations in abundance and community composition of denitrifying bacteria during a cyanobacterial bloom in a eutrophic shallow lake in China. <i>Journal of Freshwater Ecology</i> , 2017, 32, 467-476.	1.2	9

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19	Contrasting impact of elevated atmospheric CO ₂ on nitrogen cycle in eutrophic water with or without <i>Eichhornia crassipes</i> (Mart.) Solms. <i>Science of the Total Environment</i> , 2019, 666, 285-297.	8.0	9
20	Effects of engineered application of <i>Eichhornia crassipes</i> on the benthic macroinvertebrate diversity in Lake Dianchi, an ultra-eutrophic lake in China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8388-8397.	5.3	6
21	Responses of phytoremediation in urban wastewater with water hyacinths to extreme precipitation. <i>Journal of Environmental Management</i> , 2020, 271, 110948.	7.8	6
22	Applying a new method for direct collection, volume quantification and determination of N ₂ emission from water. <i>Journal of Environmental Sciences</i> , 2015, 27, 217-224.	6.1	4
23	Water Properties Influencing the Abundance and Diversity of Denitrifiers on <i>Eichhornia crassipes</i> Roots: A Comparative Study from Different Effluents around Dianchi Lake, China. <i>International Journal of Genomics</i> , 2015, 2015, 1-12.	1.6	2
24	Supplemental tests of gas trapping device for N ₂ flux measurement. <i>Ecological Engineering</i> , 2016, 93, 9-12.	3.6	2
25	Bioremediation of Eutrophic Water by the Controlled Cultivation of Water Hyacinths. , 2016, , .		1