Shaohua Yan

List of Publications by Year
in descending order

25 papers	540 citations	759233 12 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	640 citing authors

#	Article	IF	Citations
1	Responses of phytoremediation in urban wastewater with water hyacinths to extreme precipitation. Journal of Environmental Management, 2020, 271, 110948.	7.8	6
2	Contrasting impact of elevated atmospheric CO2 on nitrogen cycle in eutrophic water with or without Eichhornia crassipes (Mart.) Solms. Science of the Total Environment, 2019, 666, 285-297.	8.0	9
3	Efficient assimilation of cyanobacterial nitrogen by water hyacinth. Bioresource Technology, 2017, 241, 1197-1200.	9.6	9
4	Variations in abundance and community composition of denitrifying bacteria during a cyanobacterial bloom in a eutrophic shallow lake in China. Journal of Freshwater Ecology, 2017, 32, 467-476.	1.2	9
5	Sediment-Water Methane Flux in a Eutrophic Pond and Primary Influential Factors at Different Time Scales. Water (Switzerland), 2017, 9, 601.	2.7	12
6	Soil chemical and microbial responses to biogas slurry amendment and its effect on Fusarium wilt suppression. Applied Soil Ecology, 2016, 107, 116-123.	4.3	53
7	Supplemental tests of gas trapping device for N2 flux measurement. Ecological Engineering, 2016, 93, 9-12.	3.6	2
8	Bioremediation of Eutrophic Water by the Controlled Cultivation of Water Hyacinths. , 2016, , .		1
9	Site test of phytoremediation of an open pond contaminated with domestic sewage using water hyacinth and water lettuce. Ecological Engineering, 2016, 95, 753-762.	3.6	61
10	Fenced cultivation of water hyacinth for cyanobacterial bloom control. Environmental Science and Pollution Research, 2016, 23, 17742-17752.	5.3	17
11	Effects of engineered application of Eichhornia crassipes on the benthic macroinvertebrate diversity in Lake Dianchi, an ultra-eutrophic lake in China. Environmental Science and Pollution Research, 2016, 23, 8388-8397.	5.3	6
12	Seasonal and diurnal dynamics of physicochemical parameters and gas production in vertical water column of a eutrophic pond. Ecological Engineering, 2016, 87, 313-323.	3.6	18
13	Water Properties Influencing the Abundance and Diversity of Denitrifiers onEichhornia crassipesRoots: A Comparative Study from Different Effluents around Dianchi Lake, China. International Journal of Genomics, 2015, 2015, 1-12.	1.6	2
14	Response of Spatial Patterns of Denitrifying Bacteria Communities to Water Properties in the Stream Inlets at Dianchi Lake, China. International Journal of Genomics, 2015, 2015, 1-11.	1.6	9
15	Use of Water Hyacinth (Eichhornia crassipes) Compost As a Peat Substitute in Soilless Growth Media. Compost Science and Utilization, 2015, 23, 237-247.	1.2	10
16	Applying a new method for direct collection, volume quantification and determination of N2 emission from water. Journal of Environmental Sciences, 2015, 27, 217-224.	6.1	4
17	Effects of various amino acids as organic nitrogen sources on the growth and biochemical composition of Chlorella pyrenoidosa. Bioresource Technology, 2015, 197, 458-464.	9.6	25
18	Interaction of veterinary antibiotic tetracyclines and copper on their fates in water and water hyacinth (Eichhornia crassipes). Journal of Hazardous Materials, 2014, 280, 389-398.	12.4	65

#	Article	IF	Citations
19	Effect of Eichhornia crassipes on production of N2 by denitrification in eutrophic water. Ecological Engineering, 2014, 68, 14-24.	3.6	14
20	Impacts of Eichhornia crassipes (Mart.) Solms stress on the physiological characteristics, microcystin production and release of Microcystis aeruginosa. Biochemical Systematics and Ecology, 2014, 55, 148-155.	1.3	12
21	Nitrogen removal from Lake Caohai, a typical ultra-eutrophic lake in China with large scale confined growth of Eichhornia crassipes. Chemosphere, 2013, 92, 177-183.	8.2	52
22	Estimation of N2 and N2O ebullition from eutrophic water using an improved bubble trap device. Ecological Engineering, 2013, 57, 403-412.	3.6	23
23	Fate of ¹⁵NO₃^â and ¹⁵NH₄⁺ in the Treatment of Eutrophic Water Using the Floating Macrophyte, Eichhornia crassipes. Journal of Environmental Quality, 2012, 41, 1653-1660.	2.0	11
24	Large-scale utilization of water hyacinth for nutrient removal in Lake Dianchi in China: The effects on the water quality, macrozoobenthos and zooplankton. Chemosphere, 2012, 89, 1255-1261.	8.2	86
25	15N isotope fractionation in an aquatic food chain: Bellamya aeruginosa (Reeve) as an algal control agent. Journal of Environmental Sciences, 2010, 22, 242-247.	6.1	24