

Yue Shi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

509
citations

758635

12
h-index

794141

19
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22
all docs

22
docs citations

22
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles augmentation on biogas yield from microalgal biomass anaerobic digestion. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 14202-14213.	3.8	101
2	Performance and model of a full-scale up-flow anaerobic sludge blanket (UASB) to treat the pharmaceutical wastewater containing 6-APA and amoxicillin. <i>Journal of Hazardous Materials</i> , 2011, 185, 905-913.	6.5	66
3	Combining Microwave Pretreatment with Iron Oxide Nanoparticles Enhanced Biogas and Hydrogen Yield from Green Algae. <i>Processes</i> , 2019, 7, 24.	1.3	63
4	Back propagation neural network (BPNN) prediction model and control strategies of methanogen phase reactor treating traditional Chinese medicine wastewater (TCMW). <i>Journal of Biotechnology</i> , 2009, 144, 70-74.	1.9	45
5	Conjoint effect of microwave irradiation and metal nanoparticles on biogas augmentation from anaerobic digestion of green algae. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 14661-14670.	3.8	38
6	Optimisation of Microwave Pretreatment for Biogas Enhancement through Anaerobic Digestion of Microalgal Biomass. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 63, 65-72.	0.5	32
7	Effect of hydraulic retention time on pollutants removal from real ship sewage treatment via a pilot-scale air-lift multilevel circulation membrane bioreactor. <i>Chemosphere</i> , 2019, 236, 124338.	4.2	30
8	Nitrogen removal augmentation of ship sewage by an innovative aerobic-anaerobic micro-sludge MBR technology. <i>Process Biochemistry</i> , 2019, 82, 123-134.	1.8	22
9	High efficiency inactivation of microalgae in ballast water by a new proposed dual-wave UV-photocatalysis system (UVA/UVC-TiO ₂). <i>Environmental Science and Pollution Research</i> , 2019, 26, 7785-7792.	2.7	20
10	Optimization of nickel nanoparticles concentration for biogas enhancement from green algae anaerobic digestion. <i>Materials Today: Proceedings</i> , 2021, 39, 1025-1028.	0.9	20
11	Effect of pH on Pollutants Removal of Ship Sewage Treatment in an Innovative Aerobic-Anaerobic Micro-Sludge MBR System. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	18
12	Influence of salinity on the biological treatment of domestic ship sewage using an air-lift multilevel circulation membrane reactor. <i>Environmental Science and Pollution Research</i> , 2019, 26, 37026-37036.	2.7	14
13	Substrate degradation, biodiesel production, and microbial community of two electro-fermentation systems on treating oleaginous microalgae <i>Nannochloropsis</i> sp. <i>Bioresource Technology</i> , 2021, 329, 124932.	4.8	11
14	Effect of temperature on treating chemical synthesis-based pharmaceutical wastewater containing 7-ACA by a novel multi-stage loop membrane bioreactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1002-1012.	1.6	8
15	Efficient Removal of <i>Escherichia coli</i> from Ballast Water Using a Combined High-Gradient Magnetic Separation-Ultraviolet Photocatalysis (HGMS-UV/TiO ₂) System. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	8
16	Inactivation effect and mechanisms of combined ultraviolet and metal-doped nano-TiO ₂ on treating <i>Escherichia coli</i> and <i>Enterococci</i> in ballast water. <i>Environmental Science and Pollution Research</i> , 2020, 27, 40286-40295.	2.7	5
17	Combined MgO nanoparticle and microwave pre-treatment on biogas increase from <i>Enteromorpha</i> during anaerobic digestion. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 450, 012025.	0.2	4
18	Effect of Volume Loading Rate and C/N on Ship Domestic Sewage Treatment by Two Membrane Bioreactors. <i>Periodica Polytechnica: Chemical Engineering</i> , 2020, 64, 328-339.	0.5	2

#	ARTICLE	IF	CITATIONS
19	NaOH+urea pretreatment for biogas enhancement from algal biomass anaerobic digestion. Journal of Renewable and Sustainable Energy, 2021, 13, 033102.	0.8	2
20	The investigation and simulation of the UVOM ballast water treatment device. IOP Conference Series: Earth and Environmental Science, 2020, 450, 012026.	0.2	0
21	Preparation of double-doped Cu, N-nano-TiO ₂ photocatalyst and photocatalytic inactivation of Escherichia coli in ballast water. IOP Conference Series: Earth and Environmental Science, 2020, 450, 012020.	0.2	0
22	Effect of influent COD and TN on ship sewage treatment by using an aerobic-anaerobic membrane bioreactor (O/A-MBR). IOP Conference Series: Earth and Environmental Science, 2020, 450, 012027.	0.2	0