Tinggang Li

List of Publications by Year
in descending order

22 papers	779 citations	586496 16 h-index	759306 22 g-index
22 all docs	22 docs citations	22 times ranked	1084 citing authors

#	Article	IF	Citations
1	Synthesis of Green Deep Eutectic Solvents for Pretreatment Wheat Straw: Enhance the Solubility of Typical Lignocellulose. Sustainability, 2022, 14, 657.	1.6	15
2	Conversion of Waste Cooking Oil to Rhamnolipid by a Newly Oleophylic Pseudomonas aeruginosa WO2. International Journal of Environmental Research and Public Health, 2022, 19, 1700.	1.2	6
3	Phosphate functionalized iron based nanomaterials coupled with phosphate solubilizing bacteria as an efficient remediation system to enhance lead passivation in soil. Journal of Hazardous Materials, 2021, 419, 126433.	6.5	16
4	Removal characteristics of dissolved organic matter and membrane fouling in ultrafiltration and reverse osmosis membrane combined processes treating the secondary effluent of wastewater treatment plant. Water Science and Technology, 2021, 83, 689-700.	1.2	17
5	New insights of enhanced anaerobic degradation of refractory pollutants in coking wastewater: Role of zero-valent iron in metagenomic functions. Bioresource Technology, 2020, 300, 122667.	4.8	36
6	Enhanced direct fermentation from food waste to butanol and hydrogen by an amylolytic Clostridium. Renewable Energy, 2020, 153, 522-529.	4.3	47
7	Factors affecting performance and functional stratification of membrane-aerated biofilms with a counter-diffusion configuration. RSC Advances, 2019, 9, 29337-29346.	1.7	15
8	Heterologous expression, characterization and application of a new Î²-xylosidase identified in solventogenic Clostridium sp. strain BOH3. Process Biochemistry, 2018, 67, 99-104.	1.8	14
9	Unique genetic cassettes in a Thermoanaerobacterium contribute to simultaneous conversion of cellulose and monosugars into butanol. Science Advances, 2018, 4, e1701475.	4.7	41
10	Characterization and genome analysis of a butanolâ€“isopropanol-producing Clostridium beijerinckii strain BGS1. Biotechnology for Biofuels, 2018, 11, 280.	6.2	33
11	Rapid formation of biofilm grown on gas-permeable membrane induced by famine incubation. Biochemical Engineering Journal, 2017, 121, 156-162.	1.8	12
12	Simultaneous saccharification and fermentation of hemicellulose to butanol by a non-sporulating Clostridium species. Bioresource Technology, 2016, 219, 430-438.	4.8	18
13	Direct conversion of xylan to butanol by a wildâ€type Clostridium species strain G117. Biotechnology and Bioengineering, 2016, 113, 1702-1710.	1.7	18
14	Enhanced direct fermentation of cassava to butanol by Clostridium species strain BOH3 in cofactor-mediated medium. Biotechnology for Biofuels, 2015, 8, 166.	6.2	29
15	Reducing cofactors contribute to the increase of butanol production by a wild-type Clostridium sp. strain BOH3. Bioresource Technology, 2014, 155, 220-228.	4.8	55
16	Effect of artificial aeration on the performance of vertical-flow constructed wetland treating heavily polluted river water. Journal of Environmental Sciences, 2012, 24, 596-601.	3.2	129
17	In Situ Measurement of UV Fluence Rate Distribution by Use of a Micro Fluorescent Silica Detector. Environmental Science & Technology, 2011, 45, 3034-3039.	4.6	35
18	Biodegradation of acetonitrile by adapted biofilm in a membrane-aerated biofilm reactor. Biodegradation, 2009, 20, 569-580.	1.5	15

#	Article	IF	Citations
19	Membrane-Aerated Biofilm Reactor for the Treatment of Acetonitrile Wastewater. Environmental Science & Technology, 2008, 42, 2099-2104.	4.6	71
20	Distribution and composition of extracellular polymeric substances in membrane-aerated biofilm. Journal of Biotechnology, 2008, 135, 52-57.	1.9	72
21	Treatment of Landfill Leachate by Electrochemical Oxidation and Anaerobic Process. Water Environment Research, 2007, 79, 514-520.	1.3	22
22	Biodegradation of organonitriles by adapted activated sludge consortium with acetonitrile-degrading microorganisms. Water Research, 2007, 41, 3465-3473.	5.3	63