

Hao Hu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

388
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying rheological analysis to better understand the mechanism of acid conditioning on activated sludge dewatering. <i>Water Research</i> , 2017, 122, 398-406.	11.3	92
2	Impact of dosing order of the coagulant and flocculant on sludge dewatering performance during the conditioning process. <i>Science of the Total Environment</i> , 2018, 643, 1065-1073.	8.0	55
3	Characterization of anaerobic granular sludge using a rheological approach. <i>Water Research</i> , 2016, 106, 116-125.	11.3	43
4	Different DHA or EPA production responses to nutrient stress in the marine microalga <i>Tisochrysis lutea</i> and the freshwater microalga <i>Monodus subterraneus</i> . <i>Science of the Total Environment</i> , 2019, 656, 140-149.	8.0	36
5	Applying rheological analysis to understand the mechanism of polyacrylamide (PAM) conditioning for sewage sludge dewatering. <i>RSC Advances</i> , 2017, 7, 30274-30282.	3.6	29
6	Effects of nitrogen and phosphorous stress on the formation of high value LC-PUFAs in <i>Porphyridium cruentum</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5763-5773.	3.6	27
7	FAMEs production from <i>Scenedesmus obliquus</i> in autotrophic, heterotrophic and mixotrophic cultures under different nitrogen conditions. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 461-468.	2.4	26
8	Comprehensive investigation of the relationship between organic content and waste activated sludge dewaterability. <i>Journal of Hazardous Materials</i> , 2020, 394, 122547.	12.4	24
9	Effect of cultivation mode on the production of docosahexaenoic acid by <i>Tisochrysis lutea</i> . <i>AMB Express</i> , 2018, 8, 50.	3.0	16
10	Role of sufficient phosphorus in biodiesel production from diatom <i>Phaeodactylum tricornutum</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6927-6934.	3.6	15
11	Effect of different phosphorus concentrations on biodiesel production from <i>Isochrysis zhangjiangensis</i> under nitrogen sufficiency or deprivation condition. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 5051-5059.	3.6	10
12	Effect of inorganic carbon limitation on the conversion of organic carbon to total fatty acids by <i>Monodus subterraneus</i> . <i>Science of the Total Environment</i> , 2020, 737, 140275.	8.0	9
13	Evaluation of the effect of agitation speed on the growth and high value LC-PUFA formation of <i>Porphyridium cruentum</i> based on basic rheological analysis. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2158-2166.	3.2	6