Xiao-Fei Shen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8009020/publications.pdf

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12	401	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	536
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of phosphorus on biodiesel production from Scenedesmus obliquus under nitrogen-deficiency stress. Bioresource Technology, 2014, 152, 241-246.	9.6	90
2	Biosynthesis of high yield fatty acids from Chlorella vulgaris NIES-227 under nitrogen starvation stress during heterotrophic cultivation. Water Research, 2015, 81, 294-300.	11.3	78
3	Enhancement of FAME productivity of Scenedesmus obliquus by combining nitrogen deficiency with sufficient phosphorus supply in heterotrophic cultivation. Applied Energy, 2015, 158, 348-354.	10.1	42
4	Combining nitrogen starvation with sufficient phosphorus supply for enhanced biodiesel productivity of Chlorella vulgaris fed on acetate. Algal Research, 2016, 17, 261-267.	4.6	40
5	Biodiesel production from Chlorella vulgaris under nitrogen starvation in autotrophic, heterotrophic, and mixotrophic cultures. Journal of Applied Phycology, 2019, 31, 1589-1596.	2.8	32
6	Effects of nitrogen and phosphorous stress on the formation of high value LC-PUFAs in Porphyridium cruentum. Applied Microbiology and Biotechnology, 2018, 102, 5763-5773.	3.6	27
7	FAMEs production from Scenedesmus obliquus in autotrophic, heterotrophic and mixotrophic cultures under different nitrogen conditions. Environmental Science: Water Research and Technology, 2018, 4, 461-468.	2.4	26
8	High fatty acid productivity from Scenedesmus obliquus in heterotrophic cultivation with glucose and soybean processing wastewater via nitrogen and phosphorus regulation. Science of the Total Environment, 2020, 708, 134596.	8.0	24
9	Effect of cultivation mode on the production of docosahexaenoic acid by Tisochrysis lutea. AMB Express, 2018, 8, 50.	3.0	16
10	Role of sufficient phosphorus in biodiesel production from diatom Phaeodactylum tricornutum. Applied Microbiology and Biotechnology, 2016, 100, 6927-6934.	3.6	15
11	Evaluation of the effect of agitation speed on the growth and highâ€value LCâ€PUFA formation of <scp>Porphyridium cruentum</scp> based on basic rheological analysis. Journal of Chemical Technology and Biotechnology, 2019, 94, 2158-2166.	3.2	6
12	Optimization of CO2 concentration and light intensity for biodiesel production by Chlorella vulgaris FACHB-1072 under nitrogen deficiency with phosphorus luxury uptake. Journal of Applied Phycology, 2014, 26, 1631-1638.	2.8	5