

# Xiao-Fei Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

401  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

536  
citing authors

#	ARTICLE	IF	CITATIONS
1	High fatty acid productivity from <i>Scenedesmus obliquus</i> in heterotrophic cultivation with glucose and soybean processing wastewater via nitrogen and phosphorus regulation. <i>Science of the Total Environment</i> , 2020, 708, 134596.	8.0	24
2	Biodiesel production from <i>Chlorella vulgaris</i> under nitrogen starvation in autotrophic, heterotrophic, and mixotrophic cultures. <i>Journal of Applied Phycology</i> , 2019, 31, 1589-1596.	2.8	32
3	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
4	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
5	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
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	Combining nitrogen starvation with sufficient phosphorus supply for enhanced biodiesel productivity of <i>Chlorella vulgaris</i> fed on acetate. <i>Algal Research</i> , 2016, 17, 261-267.	4.6	40
8	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
9	Biosynthesis of high yield fatty acids from <i>Chlorella vulgaris</i> NIES-227 under nitrogen starvation stress during heterotrophic cultivation. <i>Water Research</i> , 2015, 81, 294-300.	11.3	78
10	Enhancement of FAME productivity of <i>Scenedesmus obliquus</i> by combining nitrogen deficiency with sufficient phosphorus supply in heterotrophic cultivation. <i>Applied Energy</i> , 2015, 158, 348-354.	10.1	42
11	Optimization of CO <sub>2</sub> concentration and light intensity for biodiesel production by <i>Chlorella vulgaris</i> FACHB-1072 under nitrogen deficiency with phosphorus luxury uptake. <i>Journal of Applied Phycology</i> , 2014, 26, 1631-1638.	2.8	5
12	Effect of phosphorus on biodiesel production from <i>Scenedesmus obliquus</i> under nitrogen-deficiency stress. <i>Bioresource Technology</i> , 2014, 152, 241-246.	9.6	90