

Aline

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1258180/publications.pdf>

Version: 2024-02-01

15
papers

222
citations

1307594

7
h-index

1058476

14
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all docs

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docs citations

15
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Analysis of the Fatty Acid Composition of Microalgae Obtained by Different Oil Extraction Methods and Direct Biomass Transesterification. <i>Bioenergy Research</i> , 2014, 7, 1035-1044.	3.9	45
2	Analysis of major carotenoids and fatty acid composition of freshwater microalgae. <i>Heliyon</i> , 2019, 5, e01529.	3.2	38
3	Avaliação da potencialidade de microalgas dulçícolas como fonte de matéria-prima graxa para a produção de biodiesel. <i>Química Nova</i> , 2013, 36, 10-15.	0.3	37
4	A comparison of harvesting and drying methodologies on fatty acids composition of the green microalga <i>Scenedesmus obliquus</i> . <i>Biomass and Bioenergy</i> , 2020, 132, 105437.	5.7	24
5	Culture medium influence on growth, fatty acid, and pigment composition of <i>Choricystis minor</i> var. <i>minor</i> : a suitable microalga for biodiesel production. <i>Journal of Applied Phycology</i> , 2016, 28, 2679-2686.	2.8	19
6	Improvement of the Extraction Process for High Commercial Value Pigments from <i>Desmodesmus</i> sp. <i>Microalgae</i> . <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	11
7	A thermal water microalga: <i>Eutetramorus planctonicus</i> as a promising source of fatty acids and lutein. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 6707-6713.	6.7	9
8	Potential use of a thermal water cyanobacterium as raw material to produce biodiesel and pigments. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 2015-2022.	3.4	9
9	Effect of phosphorus and growth phases on the transcription levels of EPA biosynthesis genes in the diatom <i>Phaeodactylum tricornutum</i> . <i>Revista Brasileira De Botanica</i> , 2019, 42, 13-22.	1.3	7
10	Chromatographic characterization of triacylglycerides and fatty acid methyl esters in microalgae oils for biodiesel production. <i>Journal of Renewable and Sustainable Energy</i> , 2013, 5, .	2.0	6
11	Viability of biodiesel production from a thermophilic microalga in conventional and alternative culture media. <i>Revista Brasileira De Botanica</i> , 2018, 41, 319-327.	1.3	6
12	Evaluation of fatty acid composition of the microalgae <i>Choricystis minor</i> var. <i>minor</i> according to two different nutrient feeding strategies. <i>Journal of Renewable and Sustainable Energy</i> , 2015, 7, 043117.	2.0	4
13	Optimization of biodiesel production by <i>in situ</i> transesterification from dry biomass of <i>Choricystis minor</i> var. <i>minor</i> via response surface methodology. <i>Biofuels</i> , 2021, 12, 1301-1307.	2.4	4
14	Lutein and biodiesel sequential production from microalga using an environmentally friendly approach. <i>Chemical Engineering Communications</i> , 2021, 208, 965-975.	2.6	3
15	Qualitative and Quantitative Chromatographic Methods for Analysis of Glyceroltert-Butylation Reaction Product. <i>Revista Virtual De Quimica</i> , 2014, 6, .	0.4	0