

Gabriel Martins da Rosa

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

339
citations

8
h-index

16
g-index

16
ext. papers

406
ext. citations

5.8
avg. IF

3.69
L-index

#	Paper	IF	Citations
15	Bioprocess strategies for enhancing the outdoor production of <i>Nannochloropsis gaditana</i> : an evaluation of the effects of pH on culture performance in tubular photobioreactors. <i>Bioprocess and Biosystems Engineering</i> , 2020 , 43, 1823-1832	3.7	5
14	Innovative development of membrane sparger for carbon dioxide supply in microalgae cultures. <i>Biotechnology Progress</i> , 2020 , 36, e2987	2.8	5
13	Operational and economic aspects of <i>Spirulina</i> -based biorefinery. <i>Bioresource Technology</i> , 2019 , 292, 121946	11	54
12	Fed-batch cultivation with CO and monoethanolamine: Influence on <i>Chlorella fusca</i> LEB 111 cultivation, carbon biofixation and biomolecules production. <i>Bioresource Technology</i> , 2019 , 273, 627-633 ¹¹		21
11	Engineering strategies for the enhancement of <i>Nannochloropsis gaditana</i> outdoor production: Influence of the CO ₂ flow rate on the culture performance in tubular photobioreactors. <i>Process Biochemistry</i> , 2019 , 76, 171-177	4.8	17
10	Green alga cultivation with monoethanolamine: Evaluation of CO fixation and macromolecule production. <i>Bioresource Technology</i> , 2018 , 261, 206-212	11	23
9	Carbon Dioxide Biofixation and Production of <i>Spirulina</i> sp. LEB 18 Biomass with Different Concentrations of NaNO ₃ and NaCl. <i>Brazilian Archives of Biology and Technology</i> , 2018 , 61,	1.8	6
8	Microalgae-Based Biorefineries as a Promising Approach to Biofuel Production 2017 , 113-140		5
7	Microalgal biotechnology for greenhouse gas control: Carbon dioxide fixation by <i>Spirulina</i> sp. at different diffusers. <i>Ecological Engineering</i> , 2016 , 91, 426-431	3.9	31
6	<i>Spirulina</i> cultivation with a CO ₂ absorbent: Influence on growth parameters and macromolecule production. <i>Bioresource Technology</i> , 2016 , 200, 528-34	11	46
5	Chemical absorption and CO ₂ biofixation via the cultivation of <i>Spirulina</i> in semicontinuous mode with nutrient recycle. <i>Bioresource Technology</i> , 2015 , 192, 321-7	11	91
4	Effect of the carbon concentration, blend concentration, and renewal rate in the growth kinetic of <i>Chlorella</i> sp. <i>Scientific World Journal, The</i> , 2014 , 2014, 205184	2.2	8
3	<i>Spirulina</i> sp. LEB-18 culture using effluent from the anaerobic digestion. <i>Brazilian Journal of Chemical Engineering</i> , 2013 , 30, 277-288	1.7	26
2	Biomolecule concentrations increase in <i>Chlorella fusca</i> LEB 111 cultured using chemical absorbents and nutrient reuse. <i>Bioenergy Research</i> ,1	3.1	
1	Outdoor Production of Biomass and Biomolecules by <i>Spirulina</i> (<i>Arthrospira</i>) and <i>Synechococcus</i> cultivated with Reduced Nutrient Supply. <i>Bioenergy Research</i> ,1	3.1	1