

# Gabriel Martins da Rosa

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

500  
citations

1039406

9  
h-index

1058022

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical absorption and CO <sub>2</sub> biofixation via the cultivation of <i>Spirulina</i> in semicontinuous mode with nutrient recycle. <i>Bioresource Technology</i> , 2015, 192, 321-327.	4.8	119
2	Operational and economic aspects of <i>Spirulina</i> -based biorefinery. <i>Bioresource Technology</i> , 2019, 292, 121946.	4.8	111
3	<i>Spirulina</i> cultivation with a CO <sub>2</sub> absorbent: Influence on growth parameters and macromolecule production. <i>Bioresource Technology</i> , 2016, 200, 528-534.	4.8	59
4	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.	1.6	39
5	<i>Spirulina</i> sp. LEB-18 culture using effluent from the anaerobic digestion. <i>Brazilian Journal of Chemical Engineering</i> , 2013, 30, 277-288.	0.7	38
6	Fed-batch cultivation with CO <sub>2</sub> and monoethanolamine: Influence on <i>Chlorella fusca</i> LEB 111 cultivation, carbon biofixation and biomolecules production. <i>Bioresource Technology</i> , 2019, 273, 627-633.	4.8	33
7	Green alga cultivation with monoethanolamine: Evaluation of CO <sub>2</sub> fixation and macromolecule production. <i>Bioresource Technology</i> , 2018, 261, 206-212.	4.8	32
8	Engineering strategies for the enhancement of <i>Nannochloropsis gaditana</i> outdoor production: Influence of the CO <sub>2</sub> flow rate on the culture performance in tubular photobioreactors. <i>Process Biochemistry</i> , 2019, 76, 171-177.	1.8	18
9	Carbon Dioxide Biofixation and Production of <i>Spirulina</i> sp. LEB 18 Biomass with Different Concentrations of NaNO <sub>3</sub> and NaCl. <i>Brazilian Archives of Biology and Technology</i> , 2018, 61, .	0.5	10
10	Innovative development of membrane sparger for carbon dioxide supply in microalgae cultures. <i>Biotechnology Progress</i> , 2020, 36, e2987.	1.3	10
11	Effect of the Carbon Concentration, Blend Concentration, and Renewal Rate in the Growth Kinetic of <i>Chlorella</i> sp.. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	0.8	9
12	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.	1.7	9
13	Microalgae-Based Biorefineries as a Promising Approach to Biofuel Production. , 2017, , 113-140.		7
14	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> , 2022, 15, 121-130.	2.2	4
15	Biomolecule concentrations increase in <i>Chlorella fusca</i> LEB 111 cultured using chemical absorbents and nutrient reuse. <i>Bioenergy Research</i> , 2022, 15, 131-140.	2.2	2
16	Produção de Biomassa de <i>Spirulina</i> sp. LEB 18 com Diferentes Difusores Para Injeção de CO <sub>2</sub> . <i>BBR - Biochemistry and Biotechnology Reports</i> , 2013, 2, 1.	0.0	0