

Ihana Aguiar Severo

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

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1163117

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1058476

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41
all docs

41
docs citations

41
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiesel facilities: What can we address to make biorefineries commercially competitive?. Renewable and Sustainable Energy Reviews, 2019, 112, 686-705.	16.4	60
2	Microalgal Biorefineries for Bioenergy Production: Can We Move from Concept to Industrial Reality?. Bioenergy Research, 2018, 11, 727-747.	3.9	59
3	Environmental impacts on commercial microalgae-based products: Sustainability metrics and indicators. Algal Research, 2020, 51, 102056.	4.6	43
4	Carbon dioxide capture and use in photobioreactors: The role of the carbon dioxide loads in the carbon footprint. Bioresource Technology, 2020, 314, 123745.	9.6	28
5	Bio-combustion of petroleum coke: The process integration with photobioreactors. Chemical Engineering Science, 2018, 177, 422-430.	3.8	26
6	Bio-combustion of petroleum coke: The process integration with photobioreactors. Part II " Sustainability metrics and bioeconomy. Chemical Engineering Science, 2020, 213, 115412.	3.8	19
7	Microalgae-derived polysaccharides: Potential building blocks for biomedical applications. World Journal of Microbiology and Biotechnology, 2022, 38, .	3.6	15
8	Dual production of bioenergy in heterotrophic cultures of cyanobacteria: Process performance, carbon balance, biofuel quality and sustainability metrics. Biomass and Bioenergy, 2020, 142, 105756.	5.7	13
9	Carbon dioxide capture and use by microalgae in photobioreactors. , 2019, , 151-171.		8
10	Microalgae photobioreactors integrated into combustion processes: A patent-based analysis to map technological trends. Algal Research, 2021, 60, 102529.	4.6	8
11	Smart override of the energy matrix in commercial microalgae facilities: A transition path to a low-carbon bioeconomy. Sustainable Energy Technologies and Assessments, 2022, 52, 102073.	2.7	8
12	CHAPTER 4. Technological Bottlenecks in Establishing Microalgal Biorefineries. , 2021, , 118-134.		5
13	Microalgae Culture Medium Recycling: Improved Production of Biomass and Lipids, Biodiesel Properties and Cost Reduction. Bioenergy Research, 2022, 15, 2076-2089.	3.9	5
14	Biofuels from Microalgae: Photobioreactor Exhaust Gases in Oxycombustion Systems. Green Energy and Technology, 2018, , 271-290.	0.6	4
15	The Next-Generation of Microalgae-Based Products. , 2020, , 15-42.		3
16	Process integration applied to microalgae-based systems. , 2020, , 709-735.		3
17	Microalgae-Based Systems Applied to Bioelectrocatalysis. , 2020, , 241-261.		2
18	Microalgae-Based Processes for Pigments Production. , 2020, , 241-264.		2

#	ARTICLE	IF	CITATIONS
19	Energy Recovery from Nuisance Algae Blooms and Residues. , 2022, , 329-345.		2
20	Photobioreactor design for microalgae culture. , 2021, , 35-61.		1
21	Biodegradable Plastics from Cyanobacteria. Materials Research Foundations, 2021, , 269-289.	0.3	1
22	Biological Conversion of Carbon Dioxide into Volatile Organic Compounds. Environmental Chemistry for A Sustainable World, 2020, , 45-73.	0.5	1
23	Microalgae Biotechnology in Integrated Processes. Journal of Chemical Engineering & Process Technology, 2017, 08, .	0.1	0
24	ExtensÃ£o TecnolÃ³gica Inovadora para o combate ao COVID-19 atravÃ©s da Iniciativa Startup Experience da UFPR. ExtensÃ£o Em Foco, 2021, , .	0.0	0
25	ULTRASOUND-ASSISTED EXTRACTION OF OLIVE OIL. International Journal for Innovation Education and Research, 2021, 9, 10-19.	0.1	0
26	ANÃLISE DE CICLO DE VIDA DA PRODUÃ§Ã£o DE Ã“LEO A GRANEL PRODUZIDO EM BIORRETORES HETEROTRÃFICOS MICROALGAIS. , 0, , .		0
27	AVALIAÃ§Ã£o DO USO DE AMIDO DE MANDIOCA COMO SUBSTRATO EM CULTIVOS HETEROTRÃFICOS DE CIANOBACTÃRIAS. , 0, , .		0
28	Photobioreactors and Oxycombustion: A Mini-Review on the Process Integration. Journal of Chemical Engineering & Process Technology, 2016, 07, .	0.1	0
29	DESEMPENHO TÃ©RMICO DE SISTEMAS INTEGRADOS DE BIO-OXICOMBUSTÃ£o COM A INJEÃ§Ã£o DE DIFERENTES COMBURENTES. , 0, , .		0
30	BioconversÃ£o de diÃ³xido de carbono em fotobiorreator hÃbrido. , 0, , .		0
31	BALANÃ§O ENERGÃTICO DO SISTEMA INTEGRADO DE BIO-COMBUSTÃ£o. , 0, , .		0
32	Environmental assessment of the integrated bio-combustion process: A life cycle energy balance. Brazilian Journal of Development, 2019, 5, 18175-18183.	0.1	0
33	BALANÃ§O ENERGÃTICO DO SISTEMA INTEGRADO DE BIO-COMBUSTÃ£o. , 0, , 79-84.		0
34	Biological carbon capture and utilization (BCCU): An integrated process for O2 production and reduced CO2 emission. Brazilian Journal of Development, 2020, 6, 7684-7692.	0.1	0
35	Fuel Generation from CO2. Advances in Science, Technology and Innovation, 2022, , 63-78.	0.4	0
36	NegÃcios em biotecnologia de microalgas: desenvolvimento de startups. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Imobilizaç�o de <i>Tetrademus obliquus</i> em matriz de alginato para biorremediaç�o de efluentes. , 2021, , .		0
38	Matrizes polim�ricas para imobilizaç�o de microalgas aplicadas ao tratamento de efluentes: Uma an�lise de prospecç�o tecnol�gica de patentes. , 2021, , .		0
39	Microalgae biofuels: Engineering-scale process integration approaches. , 2022, , 249-267.		0