

Ihana Aguiar Severo

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

321
citations

1163117

8
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1058476

14
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41
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docs citations

41
times ranked

236
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fuel Generation from CO2. <i>Advances in Science, Technology and Innovation</i> , 2022, , 63-78. | 0.4 | 0 |
| 2 | Microalgae Culture Medium Recycling: Improved Production of Biomass and Lipids, Biodiesel Properties and Cost Reduction. <i>Bioenergy Research</i> , 2022, 15, 2076-2089. | 3.9 | 5 |
| 3 | Energy Recovery from Nuisance Algae Blooms and Residues. , 2022, , 329-345. | | 2 |
| 4 | Smart override of the energy matrix in commercial microalgae facilities: A transition path to a low-carbon bioeconomy. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102073. | 2.7 | 8 |
| 5 | Microalgae biofuels: Engineering-scale process integration approaches. , 2022, , 249-267. | | 0 |
| 6 | Microalgae-derived polysaccharides: Potential building blocks for biomedical applications. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, . | 3.6 | 15 |
| 7 | Photobioreactor design for microalgae culture. , 2021, , 35-61. | | 1 |
| 8 | CHAPTER 4. Technological Bottlenecks in Establishing Microalgal Biorefineries. , 2021, , 118-134. | | 5 |
| 9 | Biodegradable Plastics from Cyanobacteria. <i>Materials Research Foundations</i> , 2021, , 269-289. | 0.3 | 1 |
| 10 | ExtensÃ£o TecnolÃ³gica Inovadora para o combate ao COVID-19 atravÃ©s da Iniciativa Startup Experience da UFPR. <i>ExtensÃ£o Em Foco</i> , 2021, , . | 0.0 | 0 |
| 11 | ULTRASOUND-ASSISTED EXTRACTION OF OLIVE OIL. <i>International Journal for Innovation Education and Research</i> , 2021, 9, 10-19. | 0.1 | 0 |
| 12 | Microalgae photobioreactors integrated into combustion processes: A patent-based analysis to map technological trends. <i>Algal Research</i> , 2021, 60, 102529. | 4.6 | 8 |
| 13 | NegÃ³cios em biotecnologia de microalgas: desenvolvimento de startups. , 2021, , . | | 0 |
| 14 | ImobilizaÃ§Ã£o de <i>Tetrademus obliquus</i> em matriz de alginato para biorremediaÃ§Ã£o de efluentes. , 2021, , . | | 0 |
| 15 | Matrizes polimÃ©ricas para imobilizaÃ§Ã£o de microalgas aplicadas ao tratamento de efluentes: Uma anÃ¡lise de prospecÃ§Ã£o tecnolÃ³gica de patentes. , 2021, , . | | 0 |
| 16 | Bio-combustion of petroleum coke: The process integration with photobioreactors. Part II â€“ Sustainability metrics and bioeconomy. <i>Chemical Engineering Science</i> , 2020, 213, 115412. | 3.8 | 19 |
| 17 | The Next-Generation of Microalgae-Based Products. , 2020, , 15-42. | | 3 |
| 18 | Process integration applied to microalgae-based systems. , 2020, , 709-735. | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Dual production of bioenergy in heterotrophic cultures of cyanobacteria: Process performance, carbon balance, biofuel quality and sustainability metrics. <i>Biomass and Bioenergy</i> , 2020, 142, 105756. | 5.7 | 13 |
| 20 | Environmental impacts on commercial microalgae-based products: Sustainability metrics and indicators. <i>Algal Research</i> , 2020, 51, 102056. | 4.6 | 43 |
| 21 | Carbon dioxide capture and use in photobioreactors: The role of the carbon dioxide loads in the carbon footprint. <i>Bioresource Technology</i> , 2020, 314, 123745. | 9.6 | 28 |
| 22 | Microalgae-Based Systems Applied to Bioelectrocatalysis. , 2020, , 241-261. | | 2 |
| 23 | Biological Conversion of Carbon Dioxide into Volatile Organic Compounds. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 45-73. | 0.5 | 1 |
| 24 | Microalgae-Based Processes for Pigments Production. , 2020, , 241-264. | | 2 |
| 25 | Biological carbon capture and utilization (BCCU): An integrated process for O ₂ production and reduced CO ₂ emission. <i>Brazilian Journal of Development</i> , 2020, 6, 7684-7692. | 0.1 | 0 |
| 26 | Carbon dioxide capture and use by microalgae in photobioreactors. , 2019, , 151-171. | | 8 |
| 27 | Biodiesel facilities: What can we address to make biorefineries commercially competitive?. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 112, 686-705. | 16.4 | 60 |
| 28 | Environmental assessment of the integrated bio-combustion process: A life cycle energy balance. <i>Brazilian Journal of Development</i> , 2019, 5, 18175-18183. | 0.1 | 0 |
| 29 | Biofuels from Microalgae: Photobioreactor Exhaust Gases in Oxycombustion Systems. <i>Green Energy and Technology</i> , 2018, , 271-290. | 0.6 | 4 |
| 30 | Bio-combustion of petroleum coke: The process integration with photobioreactors. <i>Chemical Engineering Science</i> , 2018, 177, 422-430. | 3.8 | 26 |
| 31 | Microalgal Biorefineries for Bioenergy Production: Can We Move from Concept to Industrial Reality?. <i>Bioenergy Research</i> , 2018, 11, 727-747. | 3.9 | 59 |
| 32 | Microalgae Biotechnology in Integrated Processes. <i>Journal of Chemical Engineering & Process Technology</i> , 2017, 08, . | 0.1 | 0 |
| 33 | Photobioreactors and Oxycombustion: A Mini-Review on the Process Integration. <i>Journal of Chemical Engineering & Process Technology</i> , 2016, 07, . | 0.1 | 0 |
| 34 | ANÁLISE DE CICLO DE VIDA DA PRODUÇÃO DE ÓLEO A GRANEL PRODUZIDO EM BIORRETORES HETEROTRÁFICOS MICROALGAIS. , 0, , . | | 0 |
| 35 | AVLIAÇÃO DO USO DE AMIDO DE MANDIOCA COMO SUBSTRATO EM CULTIVOS HETEROTRÁFICOS DE CIANOBACTÉRIAS. , 0, , . | | 0 |
| 36 | DESEMPENHO TÉRMICO DE SISTEMAS INTEGRADOS DE BIO-OXICOMBUSTÃO COM A INJEÇÃO DE DIFERENTES COMBURENTES. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 37 | BioconversÃ£o de diÃ³xido de carbono em fotobiorreator hÃbrido. , 0, , . | | 0 |
| 38 | BALANÃ§O ENERGÃ%TICO DO SISTEMA INTEGRADO DE BIO-COMBUSTÃfO. , 0, , . | | 0 |
| 39 | BALANÃ§O ENERGÃ%TICO DO SISTEMA INTEGRADO DE BIO-COMBUSTÃfO. , 0, , 79-84. | | 0 |