

AndrÃ© Luiz Barros de Oliveira

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3754587/publications.pdf>

Version: 2024-02-01

10
papers

529
citations

1039406

9
h-index

1372195

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g-index

10
all docs

10
docs citations

10
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical and physical Chitosan modification for designing enzymatic industrial biocatalysts: How to choose the best strategy?. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 1124-1170.	3.6	93
2	Optimization of the Production of Enzymatic Biodiesel from Residual Babassu Oil (<i>Orbignya</i> sp.) via RSM. <i>Catalysts</i> , 2020, 10, 414.	1.6	79
3	Biodiesel production from microalgae using lipase-based catalysts: Current challenges and prospects. <i>Algal Research</i> , 2022, 62, 102616.	2.4	77
4	Taguchi design-assisted co-immobilization of lipase A and B from <i>Candida antarctica</i> onto chitosan: Characterization, kinetic resolution application, and docking studies. <i>Chemical Engineering Research and Design</i> , 2022, 177, 223-244.	2.7	72
5	Lipase From <i>Rhizomucor miehei</i> Immobilized on Magnetic Nanoparticles: Performance in Fatty Acid Ethyl Ester (FAEE) Optimized Production by the Taguchi Method. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 693.	2.0	70
6	Designing of Nanomaterials-Based Enzymatic Biosensors: Synthesis, Properties, and Applications. <i>Electrochem</i> , 2021, 2, 149-184.	1.7	48
7	Lipases Immobilized onto Nanomaterials as Biocatalysts in Biodiesel Production: Scientific Context, Challenges, and Opportunities. <i>Revista Virtual De Quimica</i> , 2021, 13, 875-891.	0.1	29
8	A Comprehensive Review on the Use of Metal-Organic Frameworks (MOFs) Coupled with Enzymes as Biosensors. <i>Electrochem</i> , 2022, 3, 89-113.	1.7	29
9	Improvement of enzymatic activity and stability of lipase A from <i>Candida antarctica</i> onto halloysite nanotubes with Taguchi method for optimized immobilization. <i>Applied Clay Science</i> , 2022, 228, 106634.	2.6	26
10	Chitosan Nanoparticle: Alternative for Sustainable Agriculture. <i>Materials Horizons</i> , 2021, , 95-132.	0.3	6