

Robson Carlos Alnoch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3352876/publications.pdf>

Version: 2024-02-01

19
papers

274
citations

932766

10
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	New Heterofunctional Supports Based on Glutaraldehyde-Activation: A Tool for Enzyme Immobilization at Neutral pH. <i>Molecules</i> , 2017, 22, 1088.	1.7	39
2	Recent Trends in Biomaterials for Immobilization of Lipases for Application in Non-Conventional Media. <i>Catalysts</i> , 2020, 10, 697.	1.6	36
3	Immobilization and Characterization of a New Regioselective and Enantioselective Lipase Obtained from a Metagenomic Library. <i>PLoS ONE</i> , 2015, 10, e0114945.	1.1	32
4	Metagenomics: Is it a powerful tool to obtain lipases for application in biocatalysis?. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140320.	1.1	30
5	Challenges of Biomass Utilization for Bioenergy in a Climate Change Scenario. <i>Biology</i> , 2021, 10, 1277.	1.3	27
6	Biochemical characterization and application of a new lipase and its cognate foldase obtained from a metagenomic library derived from fat-contaminated soil. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 442-454.	3.6	15
7	Key mutation sites for improvement of the enantioselectivity of lipases through protein engineering. <i>Biochemical Engineering Journal</i> , 2021, 172, 108047.	1.8	14
8	New Tailor-Made Alkyl-Aldehyde Bifunctional Supports for Lipase Immobilization. <i>Catalysts</i> , 2016, 6, 191.	1.6	13
9	Production of a fermented solid containing lipases from <i>Penicillium roqueforti</i> ATCC 10110 and its direct employment in organic medium in ethyl oleate synthesis. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 1284-1299.	1.4	12
10	Enzymatic kinetic resolution of aliphatic sec -alcohols by LipG9, a metagenomic lipase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 125, 58-63.	1.8	11
11	Co-expression, purification and characterization of the lipase and foldase of <i>Burkholderia contaminans</i> LTEB11. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 1222-1231.	3.6	10
12	Enzymatic Pretreatment with Laccases from <i>Lentinus sajor-caju</i> Induces Structural Modification in Lignin and Enhances the Digestibility of Tropical Forage Grass (<i>Panicum maximum</i>) Grown under Future Climate Conditions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9445.	1.8	10
13	Immobilization and bioimprinting strategies to enhance the performance in organic medium of the metagenomic lipase LipC12. <i>Journal of Biotechnology</i> , 2021, 342, 13-27.	1.9	9
14	Cross-Linking with Polyethylenimine Confers Better Functional Characteristics to an Immobilized β -glucosidase from <i>Exiguobacterium antarcticum</i> B7. <i>Catalysts</i> , 2019, 9, 223.	1.6	6
15	Biocatalytic Process Optimization for the Production of High-Added-Value α -Hydroxy and β -Hydroxy Glycosyl Building Blocks. <i>ChemCatChem</i> , 2017, 9, 2536-2543.	1.8	3
16	Structural model and functional properties of an exo-polygalacturonase from <i>Neosartorya glabra</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 186, 909-918.	3.6	3
17	Fermented Solids and Their Application in the Production of Organic Compounds of Biotechnological Interest. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2019, 169, 125-146.	0.6	2
18	LipG9-mediated enzymatic kinetic resolution of racemates: Expanding the substrate-scope for a metagenomic lipase. <i>Molecular Catalysis</i> , 2019, 473, 110402.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Genome sequencing of Burkholderia contaminans LTEB11 reveals a lipolytic arsenal of biotechnological interest. Brazilian Journal of Microbiology, 2019, 50, 619-624.	0.8	1