

Carla R Matte

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

651
citations

706676

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799663

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22
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22
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	High Cell Density Culture of Dairy Propionibacterium sp. and Acidipropionibacterium sp.: A Review for Food Industry Applications. Food and Bioprocess Technology, 2022, 15, 734-749.	2.6	6
2	Expression of Bacillus amyloliquefaciens transglutaminase in recombinant E. coli under the control of a bicistronic plasmid system in DO-stat fed-batch bioreactor cultivations. Brazilian Journal of Microbiology, 2021, 52, 1225-1233.	0.8	4
3	Transglutaminases: part I—origins, sources, and biotechnological characteristics. World Journal of Microbiology and Biotechnology, 2020, 36, 15.	1.7	36
4	Review transglutaminases: part II—industrial applications in food, biotechnology, textiles and leather products. World Journal of Microbiology and Biotechnology, 2020, 36, 11.	1.7	38
5	Production of volatile compounds by yeasts using hydrolysed grape seed oil obtained by immobilized lipases in continuous packed-bed reactors. Bioprocess and Biosystems Engineering, 2020, 43, 1391-1402.	1.7	6
6	Biosynthesis of vitamin B12 by <i>Propionibacterium freudenreichii</i> subsp. <i>shermanii</i> ATCC 13673 using liquid acid protein residue of soybean as culture medium. Biotechnology Progress, 2020, 36, e3011.	1.3	19
7	Second-generation ethanol production by <i>Wickerhamomyces anomalus</i> strain adapted to furfural, 5-hydroxymethylfurfural (HMF), and high osmotic pressure. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20181030.	0.3	3
8	Treatment and characterization of biomass of soybean and rice hulls using ionic liquids for the liberation of fermentable sugars. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20191258.	0.3	4
9	ULTRASOUND-ASSISTED TRANSESTERIFICATION OF SOYBEAN OIL USING COMBI-LIPASE BIOCATALYSTS. Brazilian Journal of Chemical Engineering, 2019, 36, 995-1005.	0.7	17
10	Transesterification of Waste Frying Oil and Soybean Oil by Combi-lipases Under Ultrasound-Assisted Reactions. Applied Biochemistry and Biotechnology, 2018, 186, 576-589.	1.4	63
11	Enzymatic synthesis of ethyl esters from waste oil using mixtures of lipases in a plug-flow packed-bed continuous reactor. Biotechnology Progress, 2018, 34, 952-959.	1.3	36
12	Directed immobilization of CGTase: The effect of the enzyme orientation on the enzyme activity and its use in packed-bed reactor for continuous production of cyclodextrins. Process Biochemistry, 2017, 58, 120-127.	1.8	22
13	Effects of immobilization, pH and reaction time in the modulation of α -, β - or γ -cyclodextrins production by cyclodextrin glycosyltransferase: Batch and continuous process. Carbohydrate Polymers, 2017, 169, 41-49.	5.1	16
14	Physical-Chemical Properties of the Support Immobead 150 Before and After the Immobilization Process of Lipase. Journal of the Brazilian Chemical Society, 2016, , .	0.6	5
15	Synthesis of butyl butyrate in batch and continuous enzymatic reactors using <i>Thermomyces lanuginosus</i> lipase immobilized in Immobead 150. Journal of Molecular Catalysis B: Enzymatic, 2016, 127, 67-75.	1.8	49
16	Silver Nanoparticle Thin Films Deposited on Glass Surface Using an Ionic Silsesquioxane as Stabilizer and as Crosslinking Agent. Journal of the Brazilian Chemical Society, 2015, , .	0.6	10
17	Development of active biofilms of quinoa (<i>Chenopodium quinoa</i> W.) starch containing gold nanoparticles and evaluation of antimicrobial activity. Food Chemistry, 2015, 173, 755-762.	4.2	128
18	Optimization of ethyl ester production from olive and palm oils using mixtures of immobilized lipases. Applied Catalysis A: General, 2015, 490, 50-56.	2.2	75

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19	Immobilization of Thermomyces lanuginosus Lipase by Different Techniques on Immobead 150 Support: Characterization and Applications. Applied Biochemistry and Biotechnology, 2014, 172, 2507-2520.	1.4	32
20	Optimization of synthesis of fatty acid methyl esters catalyzed by lipase B from Candida antarctica immobilized on hydrophobic supports. Journal of Molecular Catalysis B: Enzymatic, 2013, 94, 51-56.	1.8	52
21	Characterization of cyclodextrin glycosyltransferase immobilized on silica microspheres via aminopropyltrimethoxysilane as a "spacer arm": Journal of Molecular Catalysis B: Enzymatic, 2012, 78, 51-56.	1.8	30
22	ESTUDO DAS CONDIÇÕES DE IMOBILIZAÇÃO DA LIPASE DE Thermomyces lanuginosus PARA A PRODUÇÃO DE BIODIESEL. , 0, , .		0