

Eliane P Cipolatti

List of Publications by Year in descending order

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48
papers

1,377
citations

394286

19
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377752

34
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49
all docs

49
docs citations

49
times ranked

1856
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomaterials for biocatalyst immobilization – state of the art and future trends. RSC Advances, 2016, 6, 104675-104692.	1.7	267
2	Current status and trends in enzymatic nanoimmobilization. Journal of Molecular Catalysis B: Enzymatic, 2014, 99, 56-67.	1.8	241
3	Improved production of biolubricants from soybean oil and different polyols via esterification reaction catalyzed by immobilized lipase from <i>Candida rugosa</i> . Fuel, 2018, 215, 705-713.	3.4	113
4	Changes in lipid, fatty acids and phospholipids composition of whole rice bran after solid-state fungal fermentation. Bioresource Technology, 2011, 102, 8335-8338.	4.8	93
5	Evaluation of different methods for immobilization of <i>Candida antarctica</i> lipase B (CalB lipase) in polyurethane foam and its application in the production of geranyl propionate. Bioprocess and Biosystems Engineering, 2015, 38, 1739-1748.	1.7	46
6	Physico-chemical characterization of fermented rice bran biomass Caracterización físico-química de la biomasa del salvado de arroz fermentado. CYTA - Journal of Food, 2010, 8, 229-236.	0.9	45
7	Solid-state fermentation for the enrichment and extraction of proteins and antioxidant compounds in rice bran by <i>Rhizopus oryzae</i> . Brazilian Archives of Biology and Technology, 2012, 55, 937-942.	0.5	39
8	Use of agroindustrial byproducts as substrate for production of carotenoids with antioxidant potential by wild yeasts. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101208.	1.5	37
9	Support engineering: relation between development of new supports for immobilization of lipases and their applications. Biotechnology Research and Innovation, 2017, 1, 26-34.	0.3	36
10	Enzymatic synthesis of biolubricants from by-product of soybean oil processing catalyzed by different biocatalysts of <i>Candida rugosa</i> lipase. Catalysis Today, 2021, 362, 122-129.	2.2	36
11	Phenolic compounds and antioxidant activity in fermented rice (<i>Oryza sativa</i>) bran. Food Science and Technology, 2012, 32, 531-537.	0.8	33
12	Physico-chemical composition, fractionated glycerides and fatty acid profile of chicken skin fat. European Journal of Lipid Science and Technology, 2010, 112, 1277-1284.	1.0	31
13	Pilot-scale development of core-shell polymer supports for the immobilization of recombinant lipase B from <i>Candida antarctica</i> and their application in the production of ethyl esters from residual fatty acids. Journal of Applied Polymer Science, 2018, 135, 46727.	1.3	30
14	Immobilization of <i>Candida antarctica</i> lipase B on PEGylated poly(urea-urethane) nanoparticles by step miniemulsion polymerization. Journal of Molecular Catalysis B: Enzymatic, 2014, 109, 116-121.	1.8	27
15	How the biodiesel from immobilized enzymes production is going on: An advanced bibliometric evaluation of global research. Renewable and Sustainable Energy Reviews, 2022, 153, 111765.	8.2	26
16	Kinetic Study of <i>Candida antarctica</i> Lipase B Immobilization Using Poly(Methyl Methacrylate) Nanoparticles Obtained by Miniemulsion Polymerization as Support. Applied Biochemistry and Biotechnology, 2015, 175, 2961-2971.	1.4	25
17	Synthesis and modification of polyurethane for immobilization of <i>Thermomyces lanuginosus</i> (TLL) lipase for ethanolysis of fish oil in solvent free system. Journal of Molecular Catalysis B: Enzymatic, 2015, 122, 163-169.	1.8	25
18	Production of new nanobiocatalysts via immobilization of lipase B from <i>C. antarctica</i> on polyurethane nanosupports for application on food and pharmaceutical industries. International Journal of Biological Macromolecules, 2020, 165, 2957-2963.	3.6	23

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19	Development of Microbial Oil Wax-Based Oleogel with Potential Application in Food Formulations. <i>Food and Bioprocess Technology</i> , 2019, 12, 899-909.	2.6	22
20	Application of <i>Rhizomucor miehei</i> lipase-displaying <i>Pichia pastoris</i> whole cell for biodiesel production using agro-industrial residuals as substrate. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 734-743.	3.6	20
21	Stabilization of lipase from <i>Thermomyces lanuginosus</i> by crosslinking in PEGylated polyurethane particles by polymerization: Application on fish oil ethanolsis. <i>Biochemical Engineering Journal</i> , 2016, 112, 54-60.	1.8	19
22	Nanoflowers: A New Approach of Enzyme Immobilization. <i>Chemical Record</i> , 2022, 22, e202100293.	2.9	19
23	Structural differences of commercial and recombinant lipase B from <i>Candida antarctica</i> : An important implication on enzymes thermostability. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 761-770.	3.6	18
24	Immobilization of <i>Moniliella spathulata</i> R25L270 Lipase on Ionic, Hydrophobic and Covalent Supports: Functional Properties and Hydrolysis of Sardine Oil. <i>Molecules</i> , 2017, 22, 1508.	1.7	16
25	Production and optimization of isopropyl palmitate via biocatalytic route using home-made enzymatic catalysts. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 389-397.	1.6	16
26	Application of protein-phenolic based coating on tomatoes (<i>Lycopersicon esculentum</i>). <i>Food Science and Technology</i> , 2012, 32, 594-598.	0.8	12
27	Enzymes in Green Chemistry: The State of the Art in Chemical Transformations. , 2019, , 137-151.		10
28	Production of New Functionalized Polymer Nanoparticles and Use for Manufacture of Novel Nanobiocatalysts. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000065.	1.7	8
29	Effect of hydrophobicity degree of polymer particles on lipase immobilization and on biocatalyst performance. <i>Biocatalysis and Biotransformation</i> , 0, , 1-11.	1.1	7
30	Synthesis of lipase/silica biocatalysts through the immobilization of CALB on porous SBA-15 and their application on the resolution of pharmaceutical derivatives and on nutraceutical enrichment of natural oil. <i>Molecular Catalysis</i> , 2021, 505, 111529.	1.0	7
31	Effects of Reaction Operation Policies on Properties of Core-Shell Polymer Supports Used for Preparation of Highly Active Biocatalysts. <i>Macromolecular Reaction Engineering</i> , 2019, 13, 1800055.	0.9	6
32	Comparative performance and reusability studies of lipases on syntheses of octyl esters with an economic approach. <i>Bioprocess and Biosystems Engineering</i> , 2022, 45, 131-145.	1.7	5
33	Current approaches to use oil crops by-products for biodiesel and biolubricant production: Focus on biocatalysis. <i>Bioresource Technology Reports</i> , 2022, 18, 101030.	1.5	4
34	Enzymes in the time of COVID-19: An overview about the effects in the human body, enzyme market, and perspectives for new drugs. <i>Medicinal Research Reviews</i> , 2022, 42, 2126-2167.	5.0	4
35	Synthesis of Porous Polymeric Supports with PolyHIPE Structures Based on Styrene-Divinylbenzene Copolymers. <i>Macromolecular Symposia</i> , 2020, 394, 2000109.	0.4	3
36	Preparation of Polymer Microparticles Through Non-aqueous Suspension Polycondensations: Part VI - Analyses of Chemical and Enzymatic Degradation of Poly(Butylene Succinate) (PBS). <i>Journal of Polymers and the Environment</i> , 0, , 1.	2.4	3

#	ARTICLE	IF	CITATIONS
37	Enzymatic Biodiesel Production. , 2021, , 265-282.		2
38	The role of Brazil in the advancement of enzymatic biodiesel production. Brazilian Journal of Chemical Engineering, 2023, 40, 67-80.	0.7	2
39	Influence of Textural Properties of Divinylbenzene Copolymers on the Immobilization of Lipase B from Candida antarctica. Materials Research, 0, 25, .	0.6	1
40	Enzymatic Biodiesel Production. , 2021, , 265-282.		0
41	COMPARAÇÃO DO DESEMPENHO DE LIPASE COMERCIAL E RECOMBINANTE DE CANDIDA ANTARCTICA FRAÇÃO B EM PARTÍCULAS DE PMMA. , 0, , .		0
42	UTILIZAÇÃO DE LIPASES IMOBILIZADAS NA INDÚSTRIA FARMACÉUTICA. , 0, , .		0
43	APLICAÇÕES INDUSTRIAIS DE LIPASES IMOBILIZADAS: UM ESTUDO QUANTITATIVO. , 0, , .		0
44	Polymerization strategies to produce new polymer biocatalysts for the biodiesel industry. Journal of Applied Polymer Science, 0, , 51774.	1.3	0
45	Triagem de suportes para a imobilização da lipase secretada pela cepa Moniliella spathulata R25L270. , 0, , .		0
46	IMOBILIZAÇÃO DA LIPASE DE Thermomyces lanuginosus EM NANOPARTÍCULAS MAGNÉTICAS HIDROFÓBICAS. , 0, , .		0
47	CARACTERIZAÇÃO DE NANOPARTÍCULAS DE POLIURETANO PARA IMOBILIZAÇÃO DE Candida antarctica LIPASE B (CalB). , 0, , .		0
48	SÍNTESE E MODIFICAÇÃO DE POLIURETANO VIA MINIEMULSÃO PARA IMOBILIZAÇÃO de Thermomyces lanuginosa (TLL). , 0, , .		0