Eliane P Cipolatti

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/3962637/eliane-p-cipolatti-publications-by-year.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39 papers	1,016 citations	16 h-index	31 g-index
49 ext. papers	1,193 ext. citations	4.8 avg, IF	4.13 L-index

#	Paper	IF	Citations
39	Nanoflowers: A New Approach of Enzyme Immobilization.. *Chemical Record*, **2022**, e202100293	6.6	2
38	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	16.2	9
37	Current approaches to use oil crops by-products for biodiesel and biolubricant production: Focus on biocatalysis. *Bioresource Technology Reports*, **2022**, 18, 101030	4.1	0
36	Comparative performance and reusability studies of lipases on syntheses of octyl esters with an economic approach. *Bioprocess and Biosystems Engineering*, **2021**, 1	3.7	2
35	Enzymatic Biodiesel Production **2021**, 265-282		1
34	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. *Molecular Catalysis*, **2021**, 505, 111529	3.3	3
33	Enzymatic Biodiesel Production **2021**, 265-282		
32	Enzymatic synthesis of biolubricants from by-product of soybean oil processing catalyzed by different biocatalysts of Candida rugosa lipase. *Catalysis Today*, **2021**, 362, 122-129	5.3	17
31	Application of Rhizomucor miehei lipase-displaying Pichia pastoris whole cell for biodiesel production using agro-industrial residuals as substrate. *International Journal of Biological Macromolecules*, **2021**, 189, 734-743	7.9	4
30	Synthesis of Porous Polymeric Supports with PolyHIPE Structures Based on Styrene-Divinylbenzene Copolymers. *Macromolecular Symposia*, **2020**, 394, 2000109	0.8	3
29	Effect of hydrophobicity degree of polymer particles on lipase immobilization and on biocatalyst performance. *Biocatalysis and Biotransformation*, **2020**, 1-11	2.5	3
28	Production of New Functionalized Polymer Nanoparticles and Use for Manufacture of Novel Nanobiocatalysts. *Macromolecular Materials and Engineering*, **2020**, 305, 2000065	3.9	4
27	Production of new nanobiocatalysts via immobilization of lipase B from C. antarctica on polyurethane nanosupports for application on food and pharmaceutical industries. *International Journal of Biological Macromolecules*, **2020**, 165, 2957-2963	7.9	10
26	Use of agroindustrial byproducts as substrate for production of carotenoids with antioxidant potential by wild yeasts. *Biocatalysis and Agricultural Biotechnology*, **2019**, 20, 101208	4.2	20
25	Development of Microbial Oil Wax-Based Oleogel with Potential Application in Food Formulations. *Food and Bioprocess Technology*, **2019**, 12, 899-909	5.1	13
24	Enzymes in Green Chemistry: The State of the Art in Chemical Transformations **2019**, 137-151		7
23	Production and optimization of isopropyl palmitate via biocatalytic route using home-made enzymatic catalysts. *Journal of Chemical Technology and Biotechnology*, **2019**, 94, 389-397	3.5	11

22	Structural differences of commercial and recombinant lipase B from Candida antarctica: An important implication on enzymes thermostability. *International Journal of Biological Macromolecules*, **2019**, 140, 761-770	7.9	13
21	Effects of Reaction Operation Policies on Properties of Core‐Shell Polymer Supports Used for Preparation of Highly Active Biocatalysts. *Macromolecular Reaction Engineering*, **2019**, 13, 1800055	1.5	5
20	Improved production of biolubricants from soybean oil and different polyols via esterification reaction catalyzed by immobilized lipase from Candida rugosa. *Fuel*, **2018**, 215, 705-713	7.1	81
19	Pilot-scale development of core‐shell polymer supports for the immobilization of recombinant lipase B from Candida antarctica and their application in the production of ethyl esters from residual fatty acids. *Journal of Applied Polymer Science*, **2018**, 135, 46727	2.9	22
18	Support engineering: relation between development of new supports for immobilization of lipases and their applications. *Biotechnology Research and Innovation*, **2017**, 1, 26-34	10.1	30
17	Immobilization of Moniliella spathulata R25L270 Lipase on Ionic, Hydrophobic and Covalent Supports: Functional Properties and Hydrolysis of Sardine Oil. *Molecules*, **2017**, 22,	4.8	11
16	Nanomaterials for biocatalyst immobilization – state of the art and future trends. *RSC Advances*, **2016**, 6, 104675-104692	3.7	229
15	Stabilization of lipase from Thermomyces lanuginosus by crosslinking in PEGylated polyurethane particles by polymerization: Application on fish oil ethanolysis. *Biochemical Engineering Journal*, **2016**, 112, 54-60	4.2	16
14	Kinetic study of Candida antarctica lipase B immobilization using poly(methyl methacrylate) nanoparticles obtained by miniemulsion polymerization as support. *Applied Biochemistry and Biotechnology*, **2015**, 175, 2961-71	3.2	19
13	Evaluation of different methods for immobilization of Candida antarctica lipase B (CalB lipase) in polyurethane foam and its application in the production of geranyl propionate. *Bioprocess and Biosystems Engineering*, **2015**, 38, 1739-48	3.7	36
12	Synthesis and modification of polyurethane for immobilization of Thermomyces lanuginosus (TLL) lipase for ethanolysis of fish oil in solvent free system. *Journal of Molecular Catalysis B: Enzymatic*, **2015**, 122, 163-169		23
11	Current status and trends in enzymatic nanoimmobilization. *Journal of Molecular Catalysis B: Enzymatic*, **2014**, 99, 56-67		208
10	Immobilization of Candida antarctica lipase B on PEGylated poly(urea-urethane) nanoparticles by step miniemulsion polymerization. *Journal of Molecular Catalysis B: Enzymatic*, **2014**, 109, 116-121		24
9	Solid-state fermentation for the enrichment and extraction of proteins and antioxidant compounds in rice bran by Rhizopus oryzae. *Brazilian Archives of Biology and Technology*, **2012**, 55, 937-942	1.8	27
8	Application of protein-phenolic based coating on tomatoes (Lycopersicum esculentum). *Food Science and Technology*, **2012**, 32, 594-598	2	9
7	Phenolic compounds and antioxidant activity in fermented rice (Oryza sativa) bran. *Food Science and Technology*, **2012**, 32, 531-537	2	28
6	Changes in lipid, fatty acids and phospholipids composition of whole rice bran after solid-state fungal fermentation. *Bioresource Technology*, **2011**, 102, 8335-8	11	70
5	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	2.3	30

4	Physico-chemical composition, fractionated glycerides and fatty acid profile of chicken skin fat. *European Journal of Lipid Science and Technology*, **2010**, 112, 1277-1284	3	24
3	Polymerization strategies to produce new polymer biocatalysts for the biodiesel industry. *Journal of Applied Polymer Science*,51774	2.9	
2	Preparation of Polymer Microparticles Through Non-aqueous Suspension Polycondensations: Part VIIAnalyses of Chemical and Enzymatic Degradation of Poly(Butylene Succinate) (PBS). *Journal of Polymers and the Environment*,1	4.5	1
1	The role of Brazil in the advancement of enzymatic biodiesel production. *Brazilian Journal of Chemical Engineering*,1	1.7	0