

# Evelin A Manoel

## List of Publications by Year in descending order

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44  
papers

2,326  
citations

471477

17  
h-index

477281

29  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2941  
citing authors

#	ARTICLE	IF	CITATIONS
1	Growing knowledge: an overview of Seed Plant diversity in Brazil. <i>Rodriguesia</i> , 2015, 66, 1085-1113.	0.9	1,032
2	Immobilization of lipases on hydrophobic supports involves the open form of the enzyme. <i>Enzyme and Microbial Technology</i> , 2015, 71, 53-57.	3.2	429
3	Nanomaterials for biocatalyst immobilization – state of the art and future trends. <i>RSC Advances</i> , 2016, 6, 104675-104692.	3.6	267
4	Accurel MP 1000 as a support for the immobilization of lipase from <i>Burkholderia cepacia</i> : Application to the kinetic resolution of myo -inositol derivatives. <i>Process Biochemistry</i> , 2015, 50, 1557-1564.	3.7	81
5	Design of a core-shell support to improve lipase features by immobilization. <i>RSC Advances</i> , 2016, 6, 62814-62824.	3.6	76
6	Preparation of core-shell polymer supports to immobilize lipase B from <i>Candida antarctica</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 100, 59-67.	1.8	75
7	Detection of polycyclic aromatic hydrocarbons (PAHs) in <i>Medicago sativa</i> L. by fluorescence microscopy. <i>Micron</i> , 2017, 95, 23-30.	2.2	36
8	Support engineering: relation between development of new supports for immobilization of lipases and their applications. <i>Biotechnology Research and Innovation</i> , 2017, 1, 26-34.	0.9	36
9	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. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46727.	2.6	30
10	Kinetic Resolution of 1,3,6-Tri-O-benzyl-myo-Inositol by Novozym 435: Optimization and Enzyme Reuse. <i>Organic Process Research and Development</i> , 2012, 16, 1378-1384.	2.7	26
11	Evaluation of the performance of differently immobilized recombinant lipase B from <i>Candida antarctica</i> preparations for the synthesis of pharmacological derivatives in organic media. <i>RSC Advances</i> , 2016, 6, 4043-4052.	3.6	26
12	Phytoremediation of polycyclic aromatic hydrocarbons (PAH) by cv. Crioula: A Brazilian alfalfa cultivar. <i>International Journal of Phytoremediation</i> , 2018, 20, 747-755.	3.1	26
13	How the biodiesel from immobilized enzymes production is going on: An advanced bibliometric evaluation of global research. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 153, 111765.	16.4	26
14	On the kinetic resolution of sterically hindered myo-inositol derivatives in organic media by lipases. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 47-52.	1.8	23
15	Production of new nanobiocatalysts via immobilization of lipase B from <i>C. antarctica</i> on polyurethane nanosupports for application on food and pharmaceutical industries. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2957-2963.	7.5	23
16	Kinetic resolution of a precursor for myo-inositol phosphates under continuous flow conditions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 87, 139-143.	1.8	22
17	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.	7.5	20
18	Lipase Regioselective Acetylations of a myo-Inositol Derivative: Efficient Desymmetrization of 1,3-Di-O-benzyl-myo-Inositol. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 386-391.		10

#	ARTICLE	IF	CITATIONS
19	Enzymes in Green Chemistry: The State of the Art in Chemical Transformations. , 2019, , 137-151.		10
20	Production of New Functionalized Polymer Nanoparticles and Use for Manufacture of Novel Nanobiocatalysts. Macromolecular Materials and Engineering, 2020, 305, 2000065.	3.6	8
21	Effect of hydrophobicity degree of polymer particles on lipase immobilization and on biocatalyst performance. Biocatalysis and Biotransformation, 0, , 1-11.	2.0	7
22	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.	2.0	7
23	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	6
24	Comparative performance and reusability studies of lipases on syntheses of octyl esters with an economic approach. Bioprocess and Biosystems Engineering, 2022, 45, 131-145.	3.4	5
25	Enzymes in the time of COVID-19: An overview about the effects in the human body, enzyme market, and perspectives for new drugs. Medicinal Research Reviews, 2022, 42, 2126-2167.	10.5	4
26	Preparation of Polymer Microparticles Through Non-aqueous Suspension Polycondensations: Part VI - Analyses of Chemical and Enzymatic Degradation of Poly(Butylene Succinate) (PBS). Journal of Polymers and the Environment, 0, , 1.	5.0	3
27	Strychnos jacarepiensis, a new species of Loganiaceae from Brazil. Kew Bulletin, 2011, 66, 295-298.	0.9	2
28	Enzymatic Biodiesel Production. , 2021, , 265-282.		2
29	Loganiaceae no estado do Rio de Janeiro: chave para os gêneros e taxonomia de Spigelia. Rodriguesia, 2017, 68, 1357-1375.	0.9	2
30	The role of Brazil in the advancement of enzymatic biodiesel production. Brazilian Journal of Chemical Engineering, 2023, 40, 67-80.	1.3	2
31	A New Tree Species of <i>Strychnos</i> Sect. <i>Longiflorae</i> (Loganiaceae). Systematic Botany, 2012, 37, 254-257.	0.5	1
32	The influence of polycyclic aromatic hydrocarbons in protein profile of <i>Medicago sativa</i> L.. International Journal of Phytoremediation, 2021, 23, 426-435.	3.1	1
33	O gênero <i>Strychnos</i> (Loganiaceae) no estado do Rio de Janeiro, Brasil. Rodriguesia, 2009, 60, 865-877.	0.9	1
34	Influence of Textural Properties of Divinylbenzene Copolymers on the Immobilization of Lipase B from <i>Candida antarctica</i> . Materials Research, 0, 25, .	1.3	1
35	Enzymatic Biodiesel Production. , 2021, , 265-282.		0
36	COMPARAÇÃO DO DESEMPENHO DE LIPASE COMERCIAL E RECOMBINANTE DE CANDIDA ANTARCTICA FRAGMENTO B EM PARTÍCULAS DE PMMA. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	UTILIZAÇÃfO DE LIPASES IMOBILIZADAS NA INDÃŠSTRIA FARMACÃŠUTICA. , 0, , .		0
38	APLICAÇÃfES INDUSTRIAIS DE LIPASES IMOBILIZADAS: UM ESTUDO QUANTITATIVO. , 0, , .		0
39	Polymerization strategies to produce new polymer biocatalysts for the biodiesel industry. Journal of Applied Polymer Science, 0, , 51774.	2.6	0
40	Lipase-mediated Desymmetrization of 1,3-di-O-Benzyl-myo- Inositol. , 0, , .		0
41	Chemoenzymatic Enantiospecific Synthesis of a Fluorinated myo-Inositol Analogue. , 0, , .		0
42	Enantioselective catalysis from Pseudomonas cepacia on the kinetic resolution by different reactors. , 0, , .		0
43	CHAPTER 9. Lipases in Enantioselective Syntheses: Evolution of Technology and Recent Applications. RSC Green Chemistry, 2015, , 207-244.	0.1	0
44	CHAPTER 13. Biotransformation Using Plant Cell Culture Systems and Tissues. RSC Green Chemistry, 2015, , 333-361.	0.1	0