Evelin A Manoel

List of Publications by Citations

33 papers	1,734 citations	14 h-index	41 g-index
45 ext. papers	2,016 ext. citations	3.8 avg, IF	4.25 L-index

#	Paper	IF	Citations
33	Growing knowledge: an overview of Seed Plant diversity in Brazil. *Rodriguesia*, **2015**, 66, 1085-1113	0.9	720
32	Immobilization of lipases on hydrophobic supports involves the open form of the enzyme. *Enzyme and Microbial Technology*, **2015**, 71, 53-7	3.8	355
31	Nanomaterials for biocatalyst immobilization state of the art and future trends. *RSC Advances*, **2016**, 6, 104675-104692	3.7	229
30	Accurel MP 1000 as a support for the immobilization of lipase from Burkholderia cepacia : Application to the kinetic resolution of myo -inositol derivatives. *Process Biochemistry*, **2015**, 50, 1557-1564	4.8	69
29	Preparation of core shell polymer supports to immobilize lipase B from Candida antarctica. *Journal of Molecular Catalysis B: Enzymatic*, **2014**, 100, 59-67		62
28	Design of a core shell support to improve lipase features by immobilization. *RSC Advances*, **2016**, 6, 62814-62824	3.7	33
27	Detection of polycyclic aromatic hydrocarbons (PAHs) in Medicago sativa L. by fluorescence microscopy. *Micron*, **2017**, 95, 23-30	2.3	33
26	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
25	Evaluation of the performance of differently immobilized recombinant lipase B from Candida antarctica preparations for the synthesis of pharmacological derivatives in organic media. *RSC Advances*, **2016**, 6, 4043-4052	3.7	25
24	Kinetic Resolution of 1,3,6-Tri-O-benzyl-myo-Inositol by Novozym 435: Optimization and Enzyme Reuse. *Organic Process Research and Development*, **2012**, 16, 1378-1384	3.9	23
23	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
22	Kinetic resolution of a precursor for myo-inositol phosphates under continuous flow conditions. *Journal of Molecular Catalysis B: Enzymatic*, **2013**, 87, 139-143		19
21	On the kinetic resolution of sterically hindered myo-inositol derivatives in organic media by lipases. *Tetrahedron: Asymmetry*, **2012**, 23, 47-52		18
20	Phytoremediation of polycyclic aromatic hydrocarbons (PAH) by cv. Crioula: A Brazilian alfalfa cultivar. *International Journal of Phytoremediation*, **2018**, 20, 747-755	3.9	16
19	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
18	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
17	Lipase Regioselective O-Acetylations of a myo-Inositol Derivative: Efficient Desymmetrization of 1,3-Di-O-benzyl-myo-inositol. *European Journal of Organic Chemistry*, **2018**, 2018, 386-391	3.2	8

16	Enzymes in Green Chemistry: The State of the Art in Chemical Transformations **2019**, 137-151		7
15	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
14	Production of New Functionalized Polymer Nanoparticles and Use for Manufacture of Novel Nanobiocatalysts. *Macromolecular Materials and Engineering*, **2020**, 305, 2000065	3.9	4
13	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
12	Effect of hydrophobicity degree of polymer particles on lipase immobilization and on biocatalyst performance. *Biocatalysis and Biotransformation*, **2020**, 1-11	2.5	3
11	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
10	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
9	Strychnos jacarepiensis, a new species of Loganiaceae from Brazil. *Kew Bulletin*, **2011**, 66, 295-298	0.5	1
8	Preparation of Polymer Microparticles Through Non-aqueous Suspension Polycondensations: Part VII. Analyses of Chemical and Enzymatic Degradation of Poly(Butylene Succinate) (PBS). *Journal of Polymers and the Environment*,1	4.5	1
7	Enzymatic Biodiesel Production **2021**, 265-282		1
6	Loganiaceae no estado do Rio de Janeiro: chave para os gêneros e taxonomia de Spigelia. *Rodriguesia*, **2017**, 68, 1357-1375	0.9	0
5	The role of Brazil in the advancement of enzymatic biodiesel production. *Brazilian Journal of Chemical Engineering*,1	1.7	0
4	Polymerization strategies to produce new polymer biocatalysts for the biodiesel industry. *Journal of Applied Polymer Science*,51774	2.9	
3	O gênero Strychnos (Loganiaceae) no estado do Rio de Janeiro, Brasil. *Rodriguesia*, **2009**, 60, 865-877	0.9	
2	Enzymatic Biodiesel Production **2021**, 265-282		
1	The influence of polycyclic aromatic hydrocarbons in protein profile of L. *International Journal of Phytoremediation*, **2021**, 23, 426-435	3.9	