

Evelin A Manoel

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6843147/evelin-a-manoel-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.

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	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	16.2	9
32	Comparative performance and reusability studies of lipases on syntheses of octyl esters with an economic approach. <i>Bioprocess and Biosystems Engineering</i> , 2021 , 1	3.7	2
31	Enzymatic Biodiesel Production 2021 , 265-282		1
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	3.3	3
29	Enzymatic Biodiesel Production 2021 , 265-282		
28	The influence of polycyclic aromatic hydrocarbons in protein profile of <i>L. Phytoremediation</i> , 2021 , 23, 426-435	3.9	
27	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	7.9	4
26	Effect of hydrophobicity degree of polymer particles on lipase immobilization and on biocatalyst performance. <i>Biocatalysis and Biotransformation</i> , 2020 , 1-11	2.5	3
25	Production of New Functionalized Polymer Nanoparticles and Use for Manufacture of Novel Nanobiocatalysts. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 2000065	3.9	4
24	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	7.9	10
23	Enzymes in Green Chemistry: The State of the Art in Chemical Transformations 2019 , 137-151		7
22	Effects of Reaction Operation Policies on Properties of CoreShell Polymer Supports Used for Preparation of Highly Active Biocatalysts. <i>Macromolecular Reaction Engineering</i> , 2019 , 13, 1800055	1.5	5
21	Lipase Regioselective O-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	3.2	8
20	Pilot-scale development of coreshell 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	2.9	22
19	Phytoremediation of polycyclic aromatic hydrocarbons (PAH) by cv. Crioula: A Brazilian alfalfa cultivar. <i>International Journal of Phytoremediation</i> , 2018 , 20, 747-755	3.9	16
18	Detection of polycyclic aromatic hydrocarbons (PAHs) in <i>Medicago sativa</i> L. by fluorescence microscopy. <i>Micron</i> , 2017 , 95, 23-30	2.3	33
17	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	10.1	30

16	Loganiaceae no estado do Rio de Janeiro: chave para os gêneros e taxonomia de Spigelia. <i>Rodriguesia</i> , 2017 , 68, 1357-1375	0.9	0
15	Nanomaterials for biocatalyst immobilization: State of the art and future trends. <i>RSC Advances</i> , 2016 , 6, 104675-104692	3.7	229
14	Design of a core-shell support to improve lipase features by immobilization. <i>RSC Advances</i> , 2016 , 6, 62814-62824	3.7	23
13	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	3.7	25
12	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	4.8	69
11	Growing knowledge: an overview of Seed Plant diversity in Brazil. <i>Rodriguesia</i> , 2015 , 66, 1085-1113	0.9	720
10	Immobilization of lipases on hydrophobic supports involves the open form of the enzyme. <i>Enzyme and Microbial Technology</i> , 2015 , 71, 53-7	3.8	355
9	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		62
8	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		19
7	On the kinetic resolution of sterically hindered myo-inositol derivatives in organic media by lipases. <i>Tetrahedron: Asymmetry</i> , 2012 , 23, 47-52		18
6	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	3.9	23
5	<i>Strychnos jacarepiensis</i> , a new species of Loganiaceae from Brazil. <i>Kew Bulletin</i> , 2011 , 66, 295-298	0.5	1
4	O gênero <i>Strychnos</i> (Loganiaceae) no estado do Rio de Janeiro, Brasil. <i>Rodriguesia</i> , 2009 , 60, 865-877	0.9	
3	Polymerization strategies to produce new polymer biocatalysts for the biodiesel industry. <i>Journal of Applied Polymer Science</i> , 51774	2.9	
2	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> , 1	4.5	1
1	The role of Brazil in the advancement of enzymatic biodiesel production. <i>Brazilian Journal of Chemical Engineering</i> , 1	1.7	0