

# Thiago de Sousa Fonseca

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1405970/publications.pdf>

Version: 2024-02-01

19  
papers

1,000  
citations

516681

16  
h-index

839512

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Taguchi design-assisted co-immobilization of lipase A and B from <i>Candida antarctica</i> onto chitosan: Characterization, kinetic resolution application, and docking studies. <i>Chemical Engineering Research and Design</i> , 2022, 177, 223-244.	5.6	72
2	Lipase Cocktail for Optimized Biodiesel Production of Free Fatty Acids from Residual Chicken Oil. <i>Catalysis Letters</i> , 2021, 151, 1155-1166.	2.6	31
3	Immobilization of Amano lipase AK from <i>Pseudomonas fluorescens</i> on different types of chitosan-containing supports: use in the kinetic resolution of rac-indanol. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 785-792.	3.4	3
4	Lipases Immobilized onto Nanomaterials as Biocatalysts in Biodiesel Production: Scientific Context, Challenges, and Opportunities. <i>Revista Virtual De Quimica</i> , 2021, 13, 875-891.	0.4	29
5	Carbon steel corrosion inhibition in acid medium by imidazole-based molecules: Experimental and molecular modelling approaches. <i>Journal of Molecular Liquids</i> , 2021, 326, 115330.	4.9	23
6	Designing of Nanomaterials-Based Enzymatic Biosensors: Synthesis, Properties, and Applications. <i>Electrochem</i> , 2021, 2, 149-184.	3.3	48
7	Modulation of lipase B from <i>Candida antarctica</i> properties via covalent immobilization on eco-friendly support for enzymatic kinetic resolution of rac-indanyl acetate. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2253-2268.	3.4	54
8	Sonohydrolysis using an enzymatic cocktail in the preparation of free fatty acid. <i>3 Biotech</i> , 2020, 10, 254.	2.2	28
9	Lipase mediated enzymatic kinetic resolution of phenylethyl halohydrins acetates: A case of study and rationalization. <i>Molecular Catalysis</i> , 2020, 485, 110819.	2.0	4
10	Análise físico-química de amostras de leites bovinos crus in natura e UHT comercializados em Paulistana, Piauí. <i>Brazilian Journal of Food Research</i> , 2020, 10, 77.	0.0	0
11	Chemoenzymatic Synthesis of Luliconazole Mediated by Lipases. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2110-2116.	2.4	19
12	Kinetic resolution of drug intermediates catalyzed by lipase B from <i>Candida antarctica</i> immobilized on immobilized. <i>Biotechnology Progress</i> , 2018, 34, 878-889.	2.6	104
13	Novel nanohybrid biocatalyst: application in the kinetic resolution of secondary alcohols. <i>Journal of Materials Science</i> , 2018, 53, 14121-14137.	3.7	128
14	Chemoenzymatic synthesis of (S)-Pindolol using lipases. <i>Applied Catalysis A: General</i> , 2017, 546, 7-14.	4.3	110
15	Cashew apple bagasse as a support for the immobilization of lipase B from <i>Candida antarctica</i> : Application to the chemoenzymatic production of (R)-Indanol. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 130, 58-69.	1.8	63
16	Strategies of covalent immobilization of a recombinant <i>Candida antarctica</i> lipase B on pore-expanded SBA-15 and its application in the kinetic resolution of (R, S)-Phenylethyl acetate. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, 246-258.	1.8	67
17	Recent Advances in Lipase-Mediated Preparation of Pharmaceuticals and Their Intermediates. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29682-29716.	4.1	118
18	Chemoenzymatic synthesis of rasagiline mesylate using lipases. <i>Applied Catalysis A: General</i> , 2015, 492, 76-82.	4.3	34

#	ARTICLE	IF	CITATIONS
19	Esterases as stereoselective biocatalysts. <i>Biotechnology Advances</i> , 2015, 33, 547-565.	11.7	65