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Comparison of the performance of commercial immobilized lipases in the synthesis of different flavor esters

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#	Paper	IF	Citations
53	Biosynthesis of ethyl butyrate with immobilized <i>Candida rugosa</i> lipase onto modified Eupergit [®] C. <i>Biocatalysis</i> , 2014 , 1, 1-12		9
52	Kinetic study on the enzymatic esterification of octanoic acid and hexanol by immobilized <i>Candida antarctica</i> lipase B. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 110, 64-71		31
51	Enzyme Immobilization and its Application in the Food Industry. 2015 , 145-164		24
50	Green synthesis of isopropyl myristate in novel single phase medium Part I: Batch optimization studies. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015 , 8, 133-137	5.3	16
49	Use of Lecitase-Ultra immobilized on styrene-divinylbenzene beads as catalyst of esterification reactions: Effects of ultrasounds. <i>Catalysis Today</i> , 2015 , 255, 27-32	5.3	17
48	SELECTIVITY OF CANDIDA RUGOSA LIPASE IMMOBILIZED ONTO LAYERED DOUBLE HYDROXIDES AS CATALYST IN SYNTHESIS OF FATTY ACID ESTERS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016 , 78,	1.2	
47	A secreted <i>Staphylococcus aureus</i> lipase engineered for enhanced alcohol affinity for fatty acid esterification. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 133, S44-S52		1
46	Collagen-Immobilized Lipases Show Good Activity and Reusability for Butyl Butyrate Synthesis. <i>Applied Biochemistry and Biotechnology</i> , 2016 , 180, 826-840	3.2	4
45	Acetylcholinesterase immobilization and characterization, and comparison of the activity of the porous silicon-immobilized enzyme with its free counterpart. <i>Bioscience Reports</i> , 2016 , 36,	4.1	19
44	Evaluation of different immobilized lipases in transesterification reactions using tributyrin: Advantages of the heterofunctional octyl agarose beads. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 133, 117-123		59
43	Lipases as Biocatalyst for Production of Biolubricants. 2016 , 187-203		2
42	Short-chain aliphatic ester synthesis using <i>Thermobifida fusca</i> cutinase. <i>Food Chemistry</i> , 2016 , 206, 131-135		13
41	Catalytic upgrading of butyric acid towards fine chemicals and biofuels. <i>FEMS Microbiology Letters</i> , 2016 , 363,	2.9	19
40	Characterization of transesterification reactions by <i>Mucoromycotina</i> lipases in non-aqueous media. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 127, 47-55		7
39	Synthesis of butyl butyrate in batch and continuous enzymatic reactors using <i>Thermomyces lanuginosus</i> lipase immobilized in Immobead 150. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 127, 67-75		41
38	Chemoenzymatic Synthesis of Proxiphylline Enantiomers. <i>Journal of Organic Chemistry</i> , 2016 , 81, 380-395	4.2	16
37	A novel chemo-enzymatic synthesis of hydrophilic phytosterol derivatives. <i>Food Chemistry</i> , 2016 , 192, 557-65	8.5	27

36	Kinetic Resolution of (R,S)- α -Terfalol by Immobilized <i>Candida antarctica</i> Lipase B: Comparison of Packed-Bed over Stirred-Tank Batch Bioreactor. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 1750-1757	3.9	18
35	Construction of biocatalytic colloidosome using lipase-containing dendritic mesoporous silica nanospheres for enhanced enzyme catalysis. <i>Chemical Engineering Journal</i> , 2017 , 317, 175-186	14.7	44
34	High activity and selectivity immobilized lipase on Fe ₃ O ₄ nanoparticles for banana flavour synthesis. <i>Process Biochemistry</i> , 2017 , 56, 98-108	4.8	41
33	Immobilization of a Cutinase from <i>Fusarium oxysporum</i> and Application in Pineapple Flavor Synthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 3505-3511	5.7	17
32	A review on enzymatic synthesis of aromatic esters used as flavor ingredients for food, cosmetics and pharmaceuticals industries. <i>Trends in Food Science and Technology</i> , 2017 , 69, 95-105	15.3	107
31	In Situ Biocatalytic Synthesis of Butyl Butyrate in Diesel and Engine Evaluations. <i>ChemCatChem</i> , 2017 , 9, 4529-4537	5.2	7
30	Immobilization of Lipases on Magnetic Collagen Fibers and Its Applications for Short-Chain Ester Synthesis. <i>Catalysts</i> , 2017 , 7, 178	4	12
29	Immobilized lipase catalyzed synthesis of n-amyl acetate: parameter optimization, heterogeneous kinetics, continuous flow operation and reactor modeling. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 2906-2916	3.5	6
28	Activation of <i>Candida antarctica</i> lipase B in pressurized fluids for the synthesis of esters. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 897-908	3.5	8
27	Synthesis of isoamyl acetate by ultrasonic system using <i>Candida antarctica</i> lipase B immobilized in polyurethane. <i>Journal of Food Process Engineering</i> , 2018 , 41, e12812	2.4	5
26	Production and optimization of isopropyl palmitate via biocatalytic route using home-made enzymatic catalysts. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 94, 389-397	3.5	11
25	Biocatalytic Synthesis of Lipophilic Baicalin Derivatives as Antimicrobial Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 11684-11693	5.7	8
24	Alternative method to improve the ethyl valerate yield using an immobilised lipase. <i>Journal of Microencapsulation</i> , 2019 , 36, 327-337	3.4	6
23	Characterization and Application of <i>Yarrowia lipolytica</i> Lipase Obtained by Solid-State Fermentation in the Synthesis of Different Esters Used in the Food Industry. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 189, 933-959	3.2	14
22	Effect of the Immobilization Strategy on the Efficiency and Recyclability of the Versatile Lipase from. <i>Molecules</i> , 2019 , 24,	4.8	6
21	Lipase-catalyzed Production and Purification of Palm Esters Using Stirred Tank Reactors (STR). <i>Journal of Oleo Science</i> , 2019 , 68, 329-337	1.6	1
20	Supercritical CO ₂ assisted synthesis and concentration of monoacylglycerides rich in omega-3 polyunsaturated fatty acids. <i>Journal of CO₂ Utilization</i> , 2019 , 31, 65-74	7.6	18
19	Lipasas en s ^í ntesis de pol ^í meros: avances y contribuci ^ó n a la qu ^í mica verde de pol ^í meros. <i>Revista Colombiana De Biotecnolog^ía</i> , 2019 , 21, 98-108	0.5	2

18	Lipase-Catalyzed Esterification of Geraniol and Citronellol for the Synthesis of Terpenic Esters. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 574-583	3.2	17
17	Development and economic evaluation of an eco-friendly biocatalytic synthesis of emollient esters. <i>Bioprocess and Biosystems Engineering</i> , 2020 , 43, 495-505	3.7	7
16	Expression and characterization of a CALB-type lipase from <i>Sporisorium reilianum</i> SRZ2 and its potential in short-chain flavor ester synthesis. <i>Frontiers of Chemical Science and Engineering</i> , 2020 , 14, 868-879	4.5	3
15	Domination of pit mud microbes in the formation of diverse flavour compounds during Chinese strong aroma-type Baijiu fermentation. <i>LWT - Food Science and Technology</i> , 2021 , 137, 110442	5.4	18
14	Lipase Cocktail for Optimized Biodiesel Production of Free Fatty Acids from Residual Chicken Oil. <i>Catalysis Letters</i> , 2021 , 151, 1155-1166	2.8	13
13	A simplified kinetic model to describe the solvent-free enzymatic synthesis of wax esters. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 2325	3.5	0
12	SiO ₂ -Coated Fe ₃ O ₄ Nanoparticle/Polyacrylonitrile Beads for One-Step Lipase Immobilization. <i>ACS Applied Nano Materials</i> , 2021 , 4, 7856-7869	5.6	4
11	Lipase-active heterogeneous biocatalysts for enzymatic synthesis of short-chain aroma esters. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 36, 102124	4.2	1
10	Digestion, Absorption, and Metabolism of Lipids. 2017 , 609-620		2
9	Behaviour of pancreatic lipase enzyme during recyclization when synthesizing butyl butyrate in non-aqueous media. <i>Izvestiĭ Vuzov: Prikladnĭĭ Himiĭ Biotehnologii</i> , 2020 , 10, 515-521	0.6	1
8	Enzyme Immobilization on Nanomaterials for Biosensor and Biocatalyst in Food and Biomedical Industry. <i>Current Pharmaceutical Design</i> , 2019 , 25, 2661-2676	3.3	12
7	Intracellular and Extracellular Zinc Detection by Organic Fluorescent Receptor. <i>Current Organic Chemistry</i> , 2020 , 23, 2664-2678	1.7	1
6	INFLUÊNCIA DO pH NA LIPASE DE <i>Burkholderia cepacia</i> IMOBILIZADA EM ALGINATO DE CÁLCIO SECO NA PRODUÇÃO DO VALERATO DE ETILA.		
5	ESTUDO DO PROCESSO DE RECICLOS EM BATELADA UTILIZANDO DIFERENTES COMPOSTOS ORGÂNICOS DA LIPASE B DE <i>Candida antarctica</i> IMOBILIZADA EM ESPUMA FLEXÍVEL DE PU DE DESIDADE 30 E18.		
4	Estudo do reaproveitamento da lipase imobilizada em alginato na síntese de ésteres aromáticos.		
3	Simplified Method to Optimize Enzymatic Esters Syntheses in Solvent-Free Systems: Validation Using Literature and Experimental Data. <i>Catalysts</i> , 2021 , 11, 1357	4	1
2	Production and characterization of biodiesel from canola oil through enzymatic transesterification. <i>Journal of Physics: Conference Series</i> , 2022 , 2259, 012023	0.3	
1	Enzymatic synthesis of geranyl acetate in batch and fed-batch reactors and evaluation of its larvicidal activity against <i>Rhipicephalus (Boophilus) microplus</i> . <i>Process Biochemistry</i> , 2022 ,	4.8	0

