

Debora Oliveira

List of Publications by Year in descending order

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354
papers

9,632
citations

53794

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82547

72
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357
all docs

357
docs citations

357
times ranked

8858
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Microbial Lipases Production. Food and Bioprocess Technology, 2010, 3, 182-196.	4.7	381
2	Nanomaterials for biocatalyst immobilization “ state of the art and future trends. RSC Advances, 2016, 6, 104675-104692.	3.6	267
3	Current status and trends in enzymatic nanoimmobilization. Journal of Molecular Catalysis B: Enzymatic, 2014, 99, 56-67.	1.8	241
4	A review on enzymatic synthesis of aromatic esters used as flavor ingredients for food, cosmetics and pharmaceuticals industries. Trends in Food Science and Technology, 2017, 69, 95-105.	15.1	174
5	Use of encapsulated natural compounds as antimicrobial additives in food packaging: A brief review. Trends in Food Science and Technology, 2018, 81, 51-60.	15.1	143
6	Rapid determination of flavonoids and phenolic acids in grape juices and wines by RP-HPLC/DAD: Method validation and characterization of commercial products of the new Brazilian varieties of grape. Food Chemistry, 2017, 228, 106-115.	8.2	140
7	Assessment of two immobilized lipases activity treated in compressed fluids. Journal of Supercritical Fluids, 2006, 38, 373-382.	3.2	113
8	Elucidating the choice for a precise matrix for laccase immobilization: A review. Chemical Engineering Journal, 2020, 397, 125506.	12.7	108
9	The Production, Benefits, and Applications of Monoacylglycerols and Diacylglycerols of Nutritional Interest. Food and Bioprocess Technology, 2013, 6, 17-35.	4.7	107
10	Xylooligosaccharides: Transforming the lignocellulosic biomasses into valuable 5-carbon sugar prebiotics. Process Biochemistry, 2020, 91, 352-363.	3.7	107
11	Production and characterization of xanthan gum by Xanthomonas campestris using cheese whey as sole carbon source. Journal of Food Engineering, 2009, 90, 119-123.	5.2	100
12	Phase behavior of soybean oil, castor oil and their fatty acid ethyl esters in carbon dioxide at high pressures. Journal of Supercritical Fluids, 2006, 37, 29-37.	3.2	98
13	Phenolic compounds, organic acids and antioxidant activity of grape juices produced in industrial scale by different processes of maceration. Food Chemistry, 2015, 188, 384-392.	8.2	97
14	Driving Immobilized Lipases as Biocatalysts: 10 Years State of the Art and Future Prospects. Industrial & Engineering Chemistry Research, 2019, 58, 5358-5378.	3.7	97
15	Monascus: a Reality on the Production and Application of Microbial Pigments. Applied Biochemistry and Biotechnology, 2016, 178, 211-223.	2.9	92
16	Ultrasound-assisted lipase-catalyzed transesterification of soybean oil in organic solvent system. Ultrasonics Sonochemistry, 2012, 19, 452-458.	8.2	91
17	Enzymatic alcoholysis of palm kernel oil in n-hexane and SCCO ₂ . Journal of Supercritical Fluids, 2001, 19, 141-148.	3.2	87
18	Kinetics of the Enzymatic Alcoholysis of Palm Kernel Oil in Supercritical CO ₂ . Industrial & Engineering Chemistry Research, 2000, 39, 4450-4454.	3.7	86

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19	Continuous lipase-catalyzed production of fatty acid ethyl esters from soybean oil in compressed fluids. <i>Bioresource Technology</i> , 2009, 100, 5818-5826.	9.6	86
20	Properties and Applications of <i>Morinda citrifolia</i> (Noni): A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 883-909.	11.7	83
21	Response surface method to optimize the production and characterization of lipase from <i>Penicillium verrucosum</i> in solid-state fermentation. <i>Bioprocess and Biosystems Engineering</i> , 2008, 31, 119-125.	3.4	82
22	Optimization of Enzymatic Production of Biodiesel from Castor Oil in Organic Solvent Medium. <i>Applied Biochemistry and Biotechnology</i> , 2004, 115, 0771-0780.	2.9	81
23	Integrated analyses of phenolic compounds and minerals of Brazilian organic and conventional grape juices and wines: Validation of a method for determination of Cu, Fe and Mn. <i>Food Chemistry</i> , 2018, 269, 157-165.	8.2	76
24	Isolation and Screening of Lipase-Producing Fungi with Hydrolytic Activity. <i>Food and Bioprocess Technology</i> , 2011, 4, 578-586.	4.7	75
25	A review on lipase-catalyzed reactions in ultrasound-assisted systems. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 2381-2394.	3.4	71
26	Influence of compressed fluids treatment on the activity of <i>Yarrowia lipolytica</i> lipase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 39, 117-123.	1.8	70
27	Xanthan gum production and rheological behavior using different strains of <i>Xanthomonas</i> sp.. <i>Carbohydrate Polymers</i> , 2009, 77, 65-71.	10.2	67
28	Kinetics of ultrasound-assisted enzymatic biodiesel production from Macauba coconut oil. <i>Renewable Energy</i> , 2015, 76, 388-393.	8.9	67
29	Effect of Temperature, Moisture, and Carbon Supplementation on Lipase Production by Solid-State Fermentation of Soy Cake by <i>Penicillium simplicissimum</i> . <i>Applied Biochemistry and Biotechnology</i> , 2004, 113, 173-180.	2.9	64
30	Lipase production by solid fermentation of soybean meal with different supplements. <i>LWT - Food Science and Technology</i> , 2010, 43, 1132-1137.	5.2	64
31	The application of textile sludge adsorbents for the removal of Reactive Red 2 dye. <i>Journal of Environmental Management</i> , 2016, 168, 149-156.	7.8	64
32	Mannosylerythritol lipids: antimicrobial and biomedical properties. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 2297-2318.	3.6	64
33	Ultrasound irradiation promoted efficient solvent-free lipase-catalyzed production of mono- and diacylglycerols from olive oil. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 981-987.	8.2	63
34	Screening, optimization and kinetics of <i>Jatropha curcas</i> oil transesterification with heterogeneous catalysts. <i>Renewable Energy</i> , 2011, 36, 726-731.	8.9	61
35	Antifungal Activity of Basil Essential Oil (<i>Ocimum basilicum</i> L.): Evaluation In Vitro and on an Italian-type Sausage Surface. <i>Food and Bioprocess Technology</i> , 2012, 5, 378-384.	4.7	57
36	Enzymatic synthesis of fructooligosaccharides by inulinases from <i>Aspergillus niger</i> and <i>Kluyveromyces marxianus</i> NRRL Y-7571 in aqueous-organic medium. <i>Food Chemistry</i> , 2013, 138, 148-153.	8.2	56

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37	Antimicrobial and Antioxidant Activities of Clove Essential Oil and Eugenyl Acetate Produced by Enzymatic Esterification. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 1286-1298.	2.9	55
38	Hydrothermal treatment on depolymerization of hemicellulose of mango seed shell for the production of xylooligosaccharides. <i>Carbohydrate Polymers</i> , 2021, 253, 117274.	10.2	54
39	Insecticidal and repellency activity of essential oil of <i>Eucalyptus</i> sp. against <i>Sitophilus zeamais</i> Motschulsky (Coleoptera, Curculionidae). <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 273-277.	3.5	53
40	Optimization of lipase production by <i>Penicillium simplicissimum</i> in soybean meal. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 47-54.	3.2	51
41	Perfil da composio qumica e atividades antibacteriana e antioxidante do leo essencial do cravo-da-ndia (<i>Eugenia caryophyllata</i> Thunb.). <i>Revista Ceres</i> , 2010, 57, 589-594.	0.4	51
42	Kinetics of Solvent-Free Lipase-Catalyzed Glycerolysis of Olive Oil in Surfactant System. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8350-8356.	5.2	49
43	Production of kombucha-like beverage and bacterial cellulose by acerola byproduct as raw material. <i>LWT - Food Science and Technology</i> , 2021, 135, 110075.	5.2	49
44	Phase behavior of olive and soybean oils in compressed propane and n-butane. <i>Brazilian Journal of Chemical Engineering</i> , 2006, 23, 405-415.	1.3	48
45	Cellulase immobilization on magnetic nanoparticles encapsulated in polymer nanospheres. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 511-518.	3.4	48
46	Evaluation of different methods for immobilization of <i>Candida antarctica</i> lipase B (CalB lipase) in polyurethane foam and its application in the production of geranyl propionate. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 1739-1748.	3.4	46
47	Qualitative lead extraction from recycled lead-acid batteries slag. <i>Journal of Hazardous Materials</i> , 2009, 172, 1677-1680.	12.4	45
48	Second-generation ethanol from non-detoxified sugarcane hydrolysate by a rotting wood isolated yeast strain. <i>Bioresource Technology</i> , 2017, 244, 582-587.	9.6	45
49	Optimization of inulinase production by solid-state fermentation in a packed-bed bioreactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 109-114.	3.2	44
50	Enzymatic synthesis of ascorbyl palmitate in ultrasound-assisted system: Process optimization and kinetic evaluation. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 988-996.	8.2	43
51	Synthesis of Eugenol Esters by Lipase-Catalyzed Reaction in Solvent-Free System. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 742-751.	2.9	43
52	Fungi as a source of natural coumarins production. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6571-6584.	3.6	43
53	Toxicity of clove essential oil and its ester eugenyl acetate against <i>Artemia salina</i> . <i>Brazilian Journal of Biology</i> , 2017, 77, 155-161.	0.9	43
54	Screening of Pectinase-Producing Microorganisms with Polygalacturonase Activity. <i>Applied Biochemistry and Biotechnology</i> , 2011, 163, 383-392.	2.9	42

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55	Desulfurization and denitrogenation of heavy gas oil by <i>Rhodococcus erythropolis</i> ATCC 4277. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 1447-1453.	3.4	42
56	FAME Production from Waste Oils Through Commercial Soluble Lipase Eversa [®] Catalysis. <i>Industrial Biotechnology</i> , 2016, 12, 254-262.	0.8	42
57	Enzymatic hydrolysis of soybean and waste cooking oils under ultrasound system. <i>Industrial Crops and Products</i> , 2016, 80, 235-241.	5.2	42
58	Evaluation of radish (<i>Raphanus sativus</i> L.) peroxidase activity after high-pressure treatment with carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2006, 38, 347-353.	3.2	41
59	Lipase-catalyzed production of fatty acid ethyl esters from soybean oil in compressed propane. <i>Journal of Supercritical Fluids</i> , 2008, 47, 49-53.	3.2	41
60	Enzymatic ring opening polymerization of ϵ -pentadecalactone using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2017, 119, 221-228.	3.2	41
61	Production of FAME and FAEE via Alcoholysis of Sunflower Oil by Eversa Lipases Immobilized on Hydrophobic Supports. <i>Applied Biochemistry and Biotechnology</i> , 2018, 185, 705-716.	2.9	41
62	Caracteriza��o f�sico-qu�mica da erva mate: influ�ncia das etapas do processamento industrial. <i>Food Science and Technology</i> , 2002, 22, 199-204.	1.7	40
63	Effect of Treatment with Compressed Propane on Lipases Hydrolytic Activity. <i>Food and Bioprocess Technology</i> , 2010, 3, 511-520.	4.7	40
64	Potential use of glycerol as substrate for the production of red pigments by <i>Monascus ruber</i> in submerged fermentation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2012, 1, 238-242.	3.1	40
65	Thermal stability of natural pigments produced by <i>Monascus ruber</i> in submerged fermentation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2013, 2, 278-284.	3.1	40
66	Enzymatic synthesis of poly(ϵ -caprolactone) in supercritical carbon dioxide medium by means of a variable-volume view reactor. <i>Journal of Supercritical Fluids</i> , 2013, 79, 133-141.	3.2	40
67	Optimization of mono and diacylglycerols production from enzymatic glycerolysis in solvent-free systems. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 805-812.	3.4	38
68	Effect of magnetic field on the Eversa [®] Transform 2.0 enzyme: Enzymatic activity and structural conformation. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 653-658.	7.5	38
69	Encapsulation of geranyl cinnamate in polycaprolactone nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 97, 198-207.	7.3	38
70	An overview and future prospects on aptamers for food safety. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 6929-6939.	3.6	38
71	Laccase as an efficacious approach to remove anticancer drugs: A study of doxorubicin degradation, kinetic parameters, and toxicity assessment. <i>Journal of Hazardous Materials</i> , 2021, 409, 124520.	12.4	38
72	Xanthan gum produced by <i>Xanthomonas campestris</i> from cheese whey: production optimisation and rheological characterisation. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 2440-2445.	3.5	37

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73	Ethanol precipitation and ultrafiltration of inulinases from <i>Kluyveromyces marxianus</i> . Separation and Purification Technology, 2011, 78, 261-265.	7.9	37
74	Study of the Extraction, Concentration, and Partial Characterization of Lipases Obtained from <i>Penicillium verrucosum</i> using Solid-State Fermentation of Soybean Bran. Food and Bioprocess Technology, 2010, 3, 537-544.	4.7	36
75	Evaluation of enzymatic activity of commercial inulinase from <i>Aspergillus niger</i> immobilized in polyurethane foam. Food and Bioproducts Processing, 2013, 91, 54-59.	3.6	36
76	Effect of compressed fluids treatment on the activity, stability and enzymatic reaction performance of β -galactosidase. Food Chemistry, 2011, 125, 1235-1240.	8.2	35
77	Vapor Pressure Data of Soybean Oil, Castor Oil, and Their Fatty Acid Ethyl Ester Derivatives. Journal of Chemical & Engineering Data, 2005, 50, 330-333.	1.9	34
78	Enzymatic Production of Monoacylglycerols (MAG) and Diacylglycerols (DAG) from Fish Oil in a Solvent-Free System. JAOCS, Journal of the American Oil Chemists' Society, 2012, 89, 1057-1065.	1.9	34
79	Production of antimicrobial textiles by cotton fabric functionalization and pectinolytic enzyme immobilization. Materials Chemistry and Physics, 2018, 208, 28-34.	4.0	34
80	Improvement of mono and diacylglycerol production via enzymatic glycerolysis in tert-butanol system. European Journal of Lipid Science and Technology, 2010, 112, 921-927.	1.5	33
81	Kinetics of inulinase production by solid-state fermentation in a packed-bed bioreactor. Food Chemistry, 2010, 120, 163-173.	8.2	33
82	Enzymatic Synthesis of Ascorbyl Palmitate in Organic Solvents: Process Optimization and Kinetic Evaluation. Food and Bioprocess Technology, 2012, 5, 1068-1076.	4.7	33
83	Aquatic toxicity and biodegradability of a surfactant produced by <i>Bacillus subtilis</i> ICA56. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 174-181.	1.7	33
84	A review on alternative bioprocesses for removal of emerging contaminants. Bioprocess and Biosystems Engineering, 2020, 43, 2117-2129.	3.4	33
85	In situ immobilization of <i>Candida antarctica</i> B lipase in polyurethane foam support. Journal of Molecular Catalysis B: Enzymatic, 2016, 124, 52-61.	1.8	32
86	Potential of enzymatic process as an innovative technology to remove anticancer drugs in wastewater. Applied Microbiology and Biotechnology, 2020, 104, 23-31.	3.6	32
87	Inulinase Production by <i>Kluyveromyces marxianus</i> NRRL Y-7571 Using Solid State Fermentation. Applied Biochemistry and Biotechnology, 2006, 132, 951-958.	2.9	31
88	Production of geranyl propionate by enzymatic esterification of geraniol and propionic acid in solvent-free system. Journal of Chemical Technology and Biotechnology, 2010, 85, 1636-1641.	3.2	31
89	Successive cycles of utilization of novozym 435 in three different reaction systems. Brazilian Journal of Chemical Engineering, 2011, 28, 181-188.	1.3	31
90	Lipase-Catalyzed Esterification of Geraniol and Citronellol for the Synthesis of Terpenic Esters. Applied Biochemistry and Biotechnology, 2020, 190, 574-583.	2.9	31

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91	Phase behavior of castor oil in compressed propane and n-butane. <i>Journal of Supercritical Fluids</i> , 2005, 34, 215-221.	3.2	30
92	Lipase-catalyzed production of monoglycerides in compressed propane and AOT surfactant. <i>Journal of Supercritical Fluids</i> , 2008, 47, 64-69.	3.2	30
93	Screening of microorganisms for bioconversion of (S)- α -pinene and R-(+)-limonene to α -terpineol. <i>LWT - Food Science and Technology</i> , 2010, 43, 1128-1131.	5.2	30
94	Enzymatic synthesis of soybean biodiesel using supercritical carbon dioxide as solvent in a continuous expanded-bed reactor. <i>Journal of Supercritical Fluids</i> , 2015, 97, 16-21.	3.2	30
95	The Effect of Temperature, Pressure, Exposure Time, and Depressurization Rate on Lipase Activity in SCCO ₂ . <i>Applied Biochemistry and Biotechnology</i> , 2004, 113, 181-188.	2.9	29
96	Screening of supports for immobilization of commercial porcine pancreatic lipase. <i>Materials Research</i> , 2011, 14, 483-492.	1.3	29
97	Kinetics of ultrasound-assisted lipase-catalyzed glycerolysis of olive oil in solvent-free system. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 440-451.	8.2	29
98	Enzyme-catalyzed production of biodiesel by ultrasound-assisted ethanolysis of soybean oil in solvent-free system. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 437-448.	3.4	29
99	Application of home-made lipase in the production of geranyl propionate by esterification of geraniol and propionic acid in solvent-free system. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 44-48.	3.1	29
100	β -galactosidase from <i>Kluyveromyces lactis</i> in genipin-activated chitosan: An investigation on immobilization, stability, and application in diluted UHT milk. <i>Food Chemistry</i> , 2021, 349, 129050.	8.2	29
101	Kinetics of Enzyme-Catalyzed Alcoholysis of Soybean Oil in n-Hexane. <i>Applied Biochemistry and Biotechnology</i> , 2005, 121, 0231-0242.	2.9	28
102	Encapsulation of clove oil in nanostructured lipid carriers from natural waxes: Preparation, characterization and in vitro evaluation of the cholinesterase enzymes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 123879.	4.7	28
103	Partial characterization of lipases produced by a newly isolated <i>Penicillium</i> sp. in solid state and submerged fermentation: A comparative study. <i>LWT - Food Science and Technology</i> , 2009, 42, 1557-1560.	5.2	27
104	Assessment of process variables on 2-ethylhexyl palmitate production using Novozym 435 as catalyst in a solvent-free system. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 331-337.	3.4	27
105	Immobilization of <i>Candida antarctica</i> lipase B on PEGylated poly(urea-urethane) nanoparticles by step miniemulsion polymerization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 109, 116-121.	1.8	27
106	Effects of processing conditions on the chemical distribution of mate tea leaves extracts obtained from CO ₂ extraction at high pressures. <i>Journal of Food Engineering</i> , 2005, 70, 588-592.	5.2	26
107	Effects of compressed carbon dioxide treatment on the specificity of oxidase enzymatic complexes from mate tea leaves. <i>Journal of Supercritical Fluids</i> , 2007, 43, 283-290.	3.2	26
108	Evaluation of Acid Activation under the Adsorption Capacity of Double Layered Hydroxides of Mg-Al-CO ₃ Type for Fluoride Removal from Aqueous Medium. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 6871-6876.	3.7	26

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109	Operation of a fixed-bed bioreactor in batch and fed-batch modes for production of inulinase by solid-state fermentation. <i>Biochemical Engineering Journal</i> , 2011, 58-59, 39-49.	3.6	26
110	Solvent-free geranyl oleate production by enzymatic esterification. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 323-329.	3.4	26
111	Application of polyurethane foam chitosan-coated as a low-cost adsorbent in the effluent treatment. <i>Journal of Water Process Engineering</i> , 2017, 20, 201-206.	5.6	26
112	Biocatalysis of aromatic benzyl-propionate ester by different immobilized lipases. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 585-591.	3.4	26
113	Polyesters from Macrolactones Using Commercial Lipase NS 88011 and Novozym 435 as Biocatalysts. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 659-672.	2.9	26
114	Production of clove oil nanoemulsion with rapid and enhanced antimicrobial activity against gram-positive and gram-negative bacteria. <i>Journal of Food Process Engineering</i> , 2019, 42, e13209.	2.9	26
115	Enzymatic production of mono- and diglycerides in compressed n-butane and AOT surfactant. <i>Journal of Supercritical Fluids</i> , 2009, 49, 216-220.	3.2	25
116	Assessment of two immobilized lipases activity and stability to low temperatures in organic solvents under ultrasound-assisted irradiation. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 351-358.	3.4	25
117	Influence of Light Intensity on Growth and Pigment Production by <i>Monascus ruber</i> in Submerged Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 1277-1289.	2.9	25
118	Kinetic Study of <i>Candida antarctica</i> Lipase B Immobilization Using Poly(Methyl Methacrylate) Nanoparticles Obtained by Miniemulsion Polymerization as Support. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 2961-2971.	2.9	25
119	Synthesis and modification of polyurethane for immobilization of <i>Thermomyces lanuginosus</i> (TLL) lipase for ethanolsynthesis of fish oil in solvent free system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 122, 163-169.	1.8	25
120	Comparison of macauba and soybean oils as substrates for the enzymatic biodiesel production in ultrasound-assisted system. <i>Ultrasonics Sonochemistry</i> , 2017, 35, 525-528.	8.2	25
121	Improving reuse cycles of <i>Thermomyces lanuginosus</i> lipase (NS-40116) by immobilization in flexible polyurethane. <i>Biocatalysis and Biotransformation</i> , 2018, 36, 372-380.	2.0	25
122	Co-immobilization of lipases and β -D-galactosidase onto magnetic nanoparticle supports: Biochemical characterization. <i>Molecular Catalysis</i> , 2018, 453, 12-21.	2.0	25
123	Enzymatic pretreatment and anaerobic co-digestion as a new technology to high-methane production. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4235-4246.	3.6	25
124	Application of Different Lipases as Pretreatment in Anaerobic Treatment of Wastewater. <i>Environmental Engineering Science</i> , 2008, 25, 1243-1248.	1.6	24
125	Comparison of Two Lipases in the Hydrolysis of Oil and Grease in Wastewater of the Swine Meat Industry. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 1760-1765.	3.7	24
126	Kinetics of lipase-catalyzed synthesis of soybean fatty acid ethyl esters in pressurized propane. <i>Journal of Biotechnology</i> , 2010, 147, 108-115.	3.8	24

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127	Ultrasound-assisted enzymatic transesterification of methyl benzoate and glycerol to 1-glyceryl benzoate in organic solvent. <i>Enzyme and Microbial Technology</i> , 2011, 48, 169-174.	3.2	24
128	Production and partial characterization of multifunctional lipases by <i>Sporobolomyces ruberrimus</i> using soybean meal, rice meal and sugarcane bagasse as substrates. <i>Biocatalysis and Agricultural Biotechnology</i> , 2012, 1, 243-252.	3.1	24
129	Benzyl butyrate esterification mediated by immobilized lipases: Evaluation of batch and fed-batch reactors to overcome lipase-acid deactivation. <i>Process Biochemistry</i> , 2019, 78, 50-57.	3.7	24
130	Biosurfactant inducers for enhanced production of surfactin and rhamnolipids: an overview. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 21.	3.6	24
131	Kinetics of Solvent-Free Lipase-Catalyzed Production of Monoacylglycerols from Olive Oil in Aerosol-OT Surfactant. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 708-712.	3.7	23
132	Optimization of Extraction of Lipase from Wheat Seeds (<i>Triticum aestivum</i>) by Response Surface Methodology. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 9716-9721.	5.2	23
133	Immobilization of inulinase from <i>Kluyveromyces marxianus</i> NRRL Y-7571 using modified sodium alginate beads. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 383-388.	3.4	23
134	Bioadsorption by sugarcane bagasse for the reduction in oil and grease content in aqueous effluent. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 1169-1176.	3.5	23
135	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
136	Deconstruction of banana peel for carbohydrate fractionation. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 297-306.	3.4	23
137	Assessment of process parameters on the production of diglycerides rich in omega-3 fatty acids through the enzymatic glycerolysis of fish oil. <i>European Food Research and Technology</i> , 2010, 231, 701-710.	3.3	22
138	A Systematic Study on Extraction of Lipase Obtained by Solid-State Fermentation of Soybean Meal by a Newly Isolated Strain of <i>Penicillium</i> sp. <i>Food and Bioprocess Technology</i> , 2010, 3, 461-465.	4.7	22
139	Isolation and Screening of Microorganisms for R-(+)-Limonene and (E)- β -Pinene Biotransformation. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 719-732.	2.9	22
140	Esterification activities of non-commercial lipases after pre-treatment in pressurized propane. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 839-844.	3.2	22
141	Mathematical modeling of thin-layer drying of fermented and non-fermented sugarcane bagasse. <i>Biomass and Bioenergy</i> , 2010, 34, 780-786.	5.7	22
142	Effect of compressed fluids treatment on the activity of inulinase from <i>Kluyveromyces marxianus</i> NRRL Y-7571 immobilized in montmorillonite. <i>Process Biochemistry</i> , 2011, 46, 2286-2290.	3.7	22
143	Immobilization of porcine pancreatic lipase in zeolite MCM 22 with different Si/Al ratios. <i>Applied Catalysis A: General</i> , 2011, 394, 101-104.	4.3	22
144	Lipase-Catalyzed Glycerolysis of Soybean and Canola Oils in a Free Organic Solvent System Assisted by Ultrasound. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 850-862.	2.9	22

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