

DÃ©bora De Oliveira

List of Publications by Year in descending order

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413
papers

12,138
citations

41046

49
h-index

55701

84
g-index

422
all docs

422
docs citations

422
times ranked

14606
citing authors

#	ARTICLE	IF	CITATIONS
1	A Phase 3 Trial of RTS,S/AS01 Malaria Vaccine in African Infants. <i>New England Journal of Medicine</i> , 2012, 367, 2284-2295.	30.1	666
2	Polyphasic Taxonomic Study of the Emended Genus <i>Arcobacter</i> with <i>Arcobacter butzleri</i> comb. nov. and <i>Arcobacter skirrowii</i> sp. nov., an Aerotolerant Bacterium Isolated from Veterinary Specimens. <i>International Journal of Systematic Bacteriology</i> , 1992, 42, 344-356.	2.8	407
3	A Review on Microbial Lipases Production. <i>Food and Bioprocess Technology</i> , 2010, 3, 182-196.	4.9	391
4	Nanomaterials for biocatalyst immobilization – state of the art and future trends. <i>RSC Advances</i> , 2016, 6, 104675-104692.	3.7	279
5	Rapidly disassembling nanomicelles with disulfide-linked PEG shells for glutathione-mediated intracellular drug delivery. <i>Chemical Communications</i> , 2011, 47, 3550.	4.2	205
6	The OU-ISIR Gait Database Comprising the Treadmill Dataset. <i>IPSI Transactions on Computer Vision and Applications</i> , 2012, 4, 53-62.	4.4	183
7	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. <i>Food Chemistry</i> , 2017, 228, 106-115.	8.4	157
8	Use of encapsulated natural compounds as antimicrobial additives in food packaging: A brief review. <i>Trends in Food Science and Technology</i> , 2018, 81, 51-60.	15.7	153
9	Circular RNA hsa_circ_0001564 regulates osteosarcoma proliferation and apoptosis by acting miRNA sponge. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 2369-2375.	2.2	134
10	Xylooligosaccharides: Transforming the lignocellulosic biomasses into valuable 5-carbon sugar prebiotics. <i>Process Biochemistry</i> , 2020, 91, 352-363.	3.8	123
11	Antioxidant effect of soy lecithins on vegetable oil stability and their synergism with tocopherols. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2003, 80, 1209-1215.	1.9	122
12	Assessment of two immobilized lipases activity treated in compressed fluids. <i>Journal of Supercritical Fluids</i> , 2006, 38, 373-382.	3.3	115
13	Elucidating the choice for a precise matrix for laccase immobilization: A review. <i>Chemical Engineering Journal</i> , 2020, 397, 125506.	13.0	113
14	The Production, Benefits, and Applications of Monoacylglycerols and Diacylglycerols of Nutritional Interest. <i>Food and Bioprocess Technology</i> , 2013, 6, 17-35.	4.9	111
15	Driving Immobilized Lipases as Biocatalysts: 10 Years State of the Art and Future Prospects. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 5358-5378.	3.8	111
16	Phenolic compounds, organic acids and antioxidant activity of grape juices produced in industrial scale by different processes of maceration. <i>Food Chemistry</i> , 2015, 188, 384-392.	8.4	105
17	Moderated online social therapy for depression relapse prevention in young people: pilot study of a “next generation” online intervention. <i>Microbial Biotechnology</i> , 2018, 12, 613-625.	1.9	104
18	Production and characterization of xanthan gum by <i>Xanthomonas campestris</i> using cheese whey as sole carbon source. <i>Journal of Food Engineering</i> , 2009, 90, 119-123.	5.3	103

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19	Phase behavior of soybean oil, castor oil and their fatty acid ethyl esters in carbon dioxide at high pressures. <i>Journal of Supercritical Fluids</i> , 2006, 37, 29-37.	3.3	98
20	Monascus: a Reality on the Production and Application of Microbial Pigments. <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 211-223.	3.0	98
21	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.	12.2	96
22	A comparative study of the bactericidal effect of photocatalytic oxidation by TiO ₂ on antibiotic-resistant and antibiotic-sensitive bacteria. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1642-1653.	3.1	92
23	Ultrasound-assisted lipase-catalyzed transesterification of soybean oil in organic solvent system. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 452-458.	8.3	92
24	Kinetics of the Enzymatic Alcoholysis of Palm Kernel Oil in Supercritical CO ₂ . <i>Industrial & Engineering Chemistry Research</i> , 2000, 39, 4450-4454.	3.8	87
25	Enzymatic alcoholysis of palm kernel oil in n-hexane and SCCO ₂ . <i>Journal of Supercritical Fluids</i> , 2001, 19, 141-148.	3.3	87
26	Continuous lipase-catalyzed production of fatty acid ethyl esters from soybean oil in compressed fluids. <i>Bioresource Technology</i> , 2009, 100, 5818-5826.	9.7	86
27	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.	8.4	85
28	Optimization of Enzymatic Production of Biodiesel from Castor Oil in Organic Solvent Medium. <i>Applied Biochemistry and Biotechnology</i> , 2004, 115, 0771-0780.	3.0	83
29	Relative antithrombotic effects of monoclonal antibodies targeting different platelet glycoprotein-adhesive molecule interactions in nonhuman primates. <i>Blood</i> , 1994, 83, 3218-3224.	1.4	77
30	Isolation and Screening of Lipase-Producing Fungi with Hydrolytic Activity. <i>Food and Bioprocess Technology</i> , 2011, 4, 578-586.	4.9	77
31	A review on lipase-catalyzed reactions in ultrasound-assisted systems. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 2381-2394.	3.5	75
32	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.	1.7	72
33	Mannosylerythritol lipids: antimicrobial and biomedical properties. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 2297-2318.	3.7	72
34	Kinetics of ultrasound-assisted enzymatic biodiesel production from Macauba coconut oil. <i>Renewable Energy</i> , 2015, 76, 388-393.	9.0	70
35	Xanthan gum production and rheological behavior using different strains of <i>Xanthomonas</i> sp.. <i>Carbohydrate Polymers</i> , 2009, 77, 65-71.	10.5	69
36	Lipase production by solid fermentation of soybean meal with different supplements. <i>LWT - Food Science and Technology</i> , 2010, 43, 1132-1137.	5.3	67

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37	The application of textile sludge adsorbents for the removal of Reactive Red 2 dye. Journal of Environmental Management, 2016, 168, 149-156.	7.9	67
38	Screening, optimization and kinetics of <i>Jatropha curcas</i> oil transesterification with heterogeneous catalysts. Renewable Energy, 2011, 36, 726-731.	9.0	66
39	Production of kombucha-like beverage and bacterial cellulose by acerola byproduct as raw material. LWT - Food Science and Technology, 2021, 135, 110075.	5.3	65
40	Ultrasound irradiation promoted efficient solvent-free lipase-catalyzed production of mono- and diacylglycerols from olive oil. Ultrasonics Sonochemistry, 2011, 18, 981-987.	8.3	63
41	Hydrothermal treatment on depolymerization of hemicellulose of mango seed shell for the production of xylooligosaccharides. Carbohydrate Polymers, 2021, 253, 117274.	10.5	63
42	Perfil da composiÃo quÃªmica e atividades antibacteriana e antioxidante do Ã³leo essencial do cravo-da-Ãndia (<i>Eugenia caryophyllata</i> Thunb.). Revista Ceres, 2010, 57, 589-594.	0.4	58
43	Enzymatic synthesis of fructooligosaccharides by inulinases from <i>Aspergillus niger</i> and <i>Kluyveromyces marxianus</i> NRRL Y-7571 in aqueous organic medium. Food Chemistry, 2013, 138, 148-153.	8.4	57
44	Hyperthyroidism is a Risk Factor for Developing Adhesive Capsulitis of the Shoulder: A Nationwide Longitudinal Population-Based Study. Scientific Reports, 2014, 4, 4183.	3.4	57
45	Insecticidal and repellency activity of essential oil of <i>Eucalyptus</i> sp. against <i>Sitophilus zeamais</i> Motschulsky (Coleoptera, Curculionidae). Journal of the Science of Food and Agriculture, 2011, 91, 273-277.	3.6	54
46	Kinetics of Solvent-Free Lipase-Catalyzed Glycerolysis of Olive Oil in Surfactant System. Journal of Agricultural and Food Chemistry, 2009, 57, 8350-8356.	5.3	52
47	Cellulase immobilization on magnetic nanoparticles encapsulated in polymer nanospheres. Bioprocess and Biosystems Engineering, 2017, 40, 511-518.	3.5	52
48	Metabolic flux and robustness analysis of glycerol metabolism in <i>Klebsiella pneumoniae</i> . Bioprocess and Biosystems Engineering, 2008, 31, 127-135.	3.5	51
49	Optimization of lipase production by <i>Penicillium simplicissimum</i> in soybean meal. Journal of Chemical Technology and Biotechnology, 2008, 83, 47-54.	3.1	51
50	Phase behavior of olive and soybean oils in compressed propane and n-butane. Brazilian Journal of Chemical Engineering, 2006, 23, 405-415.	1.3	48
51	AN AXIOMATIZATION OF QUANTILES ON THE DOMAIN OF DISTRIBUTION FUNCTIONS. Mathematical Finance, 2009, 19, 335-342.	1.9	48
52	Aryl hydrocarbon receptor (Ahr)-dependent regulation of pulmonary miRNA by chronic cigarette smoke exposure. Scientific Reports, 2017, 7, 40539.	3.4	48
53	Second-generation ethanol from non-detoxified sugarcane hydrolysate by a rotting wood isolated yeast strain. Bioresource Technology, 2017, 244, 582-587.	9.7	47
54	Toxicity of clove essential oil and its ester eugenyl acetate against <i>Artemia salina</i> . Brazilian Journal of Biology, 2017, 77, 155-161.	0.9	47

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55	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.	7.7	47
56	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.	12.6	47
57	Qualitative lead extraction from recycled lead-acid batteries slag. <i>Journal of Hazardous Materials</i> , 2009, 172, 1677-1680.	12.6	46
58	Synthesis of Eugenol Esters by Lipase-Catalyzed Reaction in Solvent-Free System. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 742-751.	3.0	45
59	An overview and future prospects on aptamers for food safety. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 6929-6939.	3.7	45
60	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.	3.1	44
61	Enzymatic synthesis of ascorbyl palmitate in ultrasound-assisted system: Process optimization and kinetic evaluation. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 988-996.	8.3	44
62	Fungi as a source of natural coumarins production. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6571-6584.	3.7	44
63	Screening of Pectinase-Producing Microorganisms with Polygalacturonase Activity. <i>Applied Biochemistry and Biotechnology</i> , 2011, 163, 383-392.	3.0	43
64	FAME Production from Waste Oils Through Commercial Soluble Lipase Eversa [®] Catalysis. <i>Industrial Biotechnology</i> , 2016, 12, 254-262.	1.0	43
65	Lipase-catalyzed production of fatty acid ethyl esters from soybean oil in compressed propane. <i>Journal of Supercritical Fluids</i> , 2008, 47, 49-53.	3.3	42
66	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.	3.3	42
67	Desulfurization and denitrogenation of heavy gas oil by <i>Rhodococcus erythropolis</i> ATCC 4277. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 1447-1453.	3.5	42
68	Enzymatic hydrolysis of soybean and waste cooking oils under ultrasound system. <i>Industrial Crops and Products</i> , 2016, 80, 235-241.	5.4	42
69	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.	3.0	42
70	Encapsulation of geranyl cinnamate in polycaprolactone nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 97, 198-207.	7.8	42
71	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.	3.3	41
72	Thermal stability of natural pigments produced by <i>Monascus ruber</i> in submerged fermentation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2013, 2, 278-284.	3.3	41

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73	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.	3.3	41
74	Enzymatic ring opening polymerization of γ -pentadecalactone using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2017, 119, 221-228.	3.3	41
75	CaracterizaçÃo fÃsico-quÃmica da erva mate: influÃncia das etapas do processamento industrial. <i>Food Science and Technology</i> , 2002, 22, 199-204.	1.7	40
76	Effect of Treatment with Compressed Propane on Lipases Hydrolytic Activity. <i>Food and Bioprocess Technology</i> , 2010, 3, 511-520.	4.9	40
77	<i>De novo</i> purine biosynthesis is a major driver of chemoresistance in glioblastoma. <i>Brain</i> , 2021, 144, 1230-1246.	8.0	39
78	Optimization of mono and diacylglycerols production from enzymatic glycerolysis in solvent-free systems. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 805-812.	3.5	38
79	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.	3.6	37
80	Study of the Extraction, Concentration, and Partial Characterization of Lipases Obtained from <i>Penicillium verrucosum</i> using Solid-State Fermentation of Soybean Bran. <i>Food and Bioprocess Technology</i> , 2010, 3, 537-544.	4.9	37
81	Production of antimicrobial textiles by cotton fabric functionalization and pectinolytic enzyme immobilization. <i>Materials Chemistry and Physics</i> , 2018, 208, 28-34.	4.1	37
82	Formation of ethyl acetate by <i>Kluyveromyces marxianus</i> on whey: studies of the ester stripping. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 547-559.	3.5	36
83	Enzymatic Production of Monoacylglycerols (MAG) and Diacylglycerols (DAG) from Fish Oil in a Solvent-Free System. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2012, 89, 1057-1065.	1.9	36
84	Evaluation of enzymatic activity of commercial inulinase from <i>Aspergillus niger</i> immobilized in polyurethane foam. <i>Food and Bioproducts Processing</i> , 2013, 91, 54-59.	3.7	36
85	Experimental Investigation on the Aerodynamics of a Bio-Inspired Flexible Flapping Wing Micro Air Vehicle. <i>International Journal of Micro Air Vehicles</i> , 2014, 6, 105-115.	1.3	36
86	A review on alternative bioprocesses for removal of emerging contaminants. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2117-2129.	3.5	36
87	Vapor Pressure Data of Soybean Oil, Castor Oil, and Their Fatty Acid Ethyl Ester Derivatives. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 330-333.	2.0	34
88	Improvement of mono and diacylglycerol production <i>via</i> enzymatic glycerolysis in <i>tert</i> -butanol system. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 921-927.	1.9	34
89	In situ immobilization of <i>Candida antarctica</i> B lipase in polyurethane foam support. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 124, 52-61.	1.7	34
90	Potential of enzymatic process as an innovative technology to remove anticancer drugs in wastewater. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 23-31.	3.7	34

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91	Î²-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.	8.4	34
92	Kinetics of inulinase production by solid-state fermentation in a packed-bed bioreactor. <i>Food Chemistry</i> , 2010, 120, 163-173.	8.4	33
93	Enzymatic Synthesis of Ascorbyl Palmitate in Organic Solvents: Process Optimization and Kinetic Evaluation. <i>Food and Bioprocess Technology</i> , 2012, 5, 1068-1076.	4.9	33
94	The role of wine and food polyphenols in oral health. <i>Trends in Food Science and Technology</i> , 2017, 69, 118-130.	15.7	33
95	Screening of microorganisms for bioconversion of (S)-pinene and R-(+)-limonene to Î±-terpineol. <i>LWT - Food Science and Technology</i> , 2010, 43, 1128-1131.	5.3	32
96	A Data Mining-based Prognostic Algorithm for NAFLD-related Hepatoma Patients: A Nationwide Study by the Japan Study Group of NAFLD. <i>Scientific Reports</i> , 2018, 8, 10434.	3.4	32
97	Lipase-Catalyzed Esterification of Geraniol and Citronellol for the Synthesis of Terpenic Esters. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 574-583.	3.0	32
98	Phase behavior of castor oil in compressed propane and n-butane. <i>Journal of Supercritical Fluids</i> , 2005, 34, 215-221.	3.3	31
99	Inulinase Production by <i>Kluyveromyces marxianus</i> NRRL Y-7571 Using Solid State Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2006, 132, 951-958.	3.0	31
100	Screening of supports for immobilization of commercial porcine pancreatic lipase. <i>Materials Research</i> , 2011, 14, 483-492.	1.3	31
101	Successive cycles of utilization of novozym 435 in three different reaction systems. <i>Brazilian Journal of Chemical Engineering</i> , 2011, 28, 181-188.	1.3	31
102	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.	3.3	31
103	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.	3.3	31
104	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.	5.7	31
105	Periodic oscillation within the chaotic region in a semiconductor laser subjected to external optical injection. <i>Optics Letters</i> , 2001, 26, 142.	3.3	30
106	Lipase-catalyzed production of monoglycerides in compressed propane and AOT surfactant. <i>Journal of Supercritical Fluids</i> , 2008, 47, 64-69.	3.3	30
107	Kinetics of ultrasound-assisted lipase-catalyzed glycerolysis of olive oil in solvent-free system. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 440-451.	8.3	30
108	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.	3.0	29

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109	Enzyme-catalyzed production of biodiesel by ultrasound-assisted ethanolsis of soybean oil in solvent-free system. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 437-448.	3.5	29
110	Production of clove oil nanoemulsion with rapid and enhanced antimicrobial activity against gramâ€positive and gramâ€negative bacteria. <i>Journal of Food Process Engineering</i> , 2019, 42, e13209.	3.0	29
111	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.	4.8	29
112	Deconstruction of banana peel for carbohydrate fractionation. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 297-306.	3.5	29
113	Kinetics of Enzyme-Catalyzed Alcoholysis of Soybean Oil in <I>n</I>-Hexane. <i>Applied Biochemistry and Biotechnology</i> , 2005, 121, 0231-0242.	3.0	28
114	High-Quality Draft Genome Sequences of <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> Strains CFBP 2526 and CFBP 7119. <i>Genome Announcements</i> , 2013, 1, .	0.8	28
115	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.	1.7	28
116	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.	5.3	27
117	Partial characterization of lipases produced by a newly isolated <i>Penicillium</i> sp. inÂsolid state and submerged fermentation: A comparative study. <i>LWT - Food Science and Technology</i> , 2009, 42, 1557-1560.	5.3	27
118	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.	3.5	27
119	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.	3.8	27
120	Polyesters from Macrolactones Using Commercial Lipase NS 88011 and Novozym 435 as Biocatalysts. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 659-672.	3.0	27
121	Enzymatic pretreatment and anaerobic co-digestion as a new technology to high-methane production. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4235-4246.	3.7	27
122	Biosurfactant inducers for enhanced production of surfactin and rhamnolipids: an overview. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 21.	3.7	27
123	Investigation of the anti-inflammatory effects of stigmasterol in mice: insight into its mechanism of action. <i>Behavioural Pharmacology</i> , 2021, 32, 640-651.	1.5	27
124	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.	3.3	26
125	Experimental studies of dose retention and activation in fin field-effect-transistor-based structures. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010, 28, C1H5-C1H13.	1.3	26
126	Evaluation of Acid Activation under the Adsorption Capacity of Double Layered Hydroxides of Mgâ€Alâ€CO₃ Type for Fluoride Removal from Aqueous Medium. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 6871-6876.	3.8	26

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127	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.	3.5	26
128	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.	3.0	26
129	Synthesis and modification of polyurethane for immobilization of <i>Thermomyces lanuginosus</i> (TLL) lipase for ethanolysis of fish oil in solvent free system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 122, 163-169.	1.7	26
130	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.	8.3	26
131	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.	2.1	26
132	Enzymatic production of mono- and diglycerides in compressed n-butane and AOT surfactant. <i>Journal of Supercritical Fluids</i> , 2009, 49, 216-220.	3.3	25
133	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.	3.3	25
134	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.	3.0	25
135	Evaluation of insulin-like growth factor-1, total thyroxine, feline pancreas-specific lipase and urinary corticoid-to-creatinine ratio in cats with diabetes mellitus in Switzerland and the Netherlands. <i>Journal of Feline Medicine and Surgery</i> , 2017, 19, 888-896.	1.7	25
136	Co-immobilization of lipases and Î²-d-galactosidase onto magnetic nanoparticle supports: Biochemical characterization. <i>Molecular Catalysis</i> , 2018, 453, 12-21.	2.1	25
137	Polyurethane Foams Based on Biopolyols from Castor Oil and Glycerol. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2467-2475.	5.0	25
138	Dyestuffs from textile industry wastewaters: Trends and gaps in the use of bioflocculants. <i>Process Biochemistry</i> , 2021, 111, 181-190.	3.8	25
139	Application of Different Lipases as Pretreatment in Anaerobic Treatment of Wastewater. <i>Environmental Engineering Science</i> , 2008, 25, 1243-1248.	1.7	24
140	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.	3.8	24
141	Activities and Ultrastructural Effects of Antifungal Combinations against Simulated <i>Candida</i> Endocardial Vegetations. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2367-2376.	3.4	24
142	Esterification activities of non-commercial lipases after pre-treatment in pressurized propane. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 839-844.	3.1	24
143	Kinetics of lipase-catalyzed synthesis of soybean fatty acid ethyl esters in pressurized propane. <i>Journal of Biotechnology</i> , 2010, 147, 108-115.	3.9	24
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