

Rafael Costa Rodrigues

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1721512/rafael-costa-rodrigues-publications-by-year.pdf>
Version: 2024-04-09

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.

118 papers	9,497 citations	45 h-index	96 g-index
126 ext. papers	10,875 ext. citations	5.9 avg, IF	6.56 L-index

#	Paper	IF	Citations
118	Enzyme co-immobilization: Always the biocatalyst designers' choice or not?. <i>Biotechnology Advances</i> , 2021 , 51, 107584	17.8	63
117	Effect of Tris Buffer in the Intensity of the Multipoint Covalent Immobilization of Enzymes in Glyoxyl-Agarose Beads. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 2843-2857	3.2	4
116	Aqueous Extraction of Seed Oil from Mamey Sapote (<i>Pouteria sapota</i>) after Viscozyme L Treatment. <i>Catalysts</i> , 2021 , 11, 748	4	2
115	Enzymatic clarification of orange juice in continuous bed reactors: Fluidized-bed versus packed-bed reactor. <i>Catalysis Today</i> , 2021 , 362, 184-191	5.3	6
114	Aqueous enzymatic extraction of <i>Ricinus communis</i> seeds oil using Viscozyme L. <i>Industrial Crops and Products</i> , 2021 , 170, 113811	5.9	4
113	Stabilization of enzymes via immobilization: Multipoint covalent attachment and other stabilization strategies. <i>Biotechnology Advances</i> , 2021 , 52, 107821	17.8	50
112	Effect of deacetylation degree of chitosan on rheological properties and physical chemical characteristics of genipin-crosslinked chitosan beads. <i>Food Hydrocolloids</i> , 2020 , 106, 105876	10.6	19
111	One Pot Use of Combilipases for Full Modification of Oils and Fats: Multifunctional and Heterogeneous Substrates. <i>Catalysts</i> , 2020 , 10, 605	4	35
110	Production and characterization of biodiesel from oil of fish waste by enzymatic catalysis. <i>Renewable Energy</i> , 2020 , 153, 1346-1354	8.1	35
109	Cloning and expression of the <i>Bacillus amyloliquefaciens</i> transglutaminase gene in <i>E. coli</i> using a bicistronic vector construction. <i>Enzyme and Microbial Technology</i> , 2020 , 134, 109468	3.8	7
108	Enzyme production of D-gluconic acid and glucose oxidase: successful tales of cascade reactions. <i>Catalysis Science and Technology</i> , 2020 , 10, 5740-5771	5.5	23
107	An efficient decolorization of methyl orange dye by laccase from <i>Marasmiellus palmivorus</i> immobilized on chitosan-coated magnetic particles. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020 , 30, 101859	4.2	2
106	Combination of Celluclast and Viscozyme improves enzymatic hydrolysis of residual cellulose casings: process optimization and scale-up. <i>Brazilian Journal of Chemical Engineering</i> , 2020 , 37, 463-473	1.7	2
105	Characterization of dietary fiber from residual cellulose sausage casings using a combination of enzymatic treatment and high-speed homogenization. <i>Food Hydrocolloids</i> , 2020 , 100, 105398	10.6	8
104	Pectin lyase immobilization using the glutaraldehyde chemistry increases the enzyme operation range. <i>Enzyme and Microbial Technology</i> , 2020 , 132, 109397	3.8	40
103	Immobilization of pectinase on chitosan-magnetic particles: Influence of particle preparation protocol on enzyme properties for fruit juice clarification. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019 , 24, e00373	5.3	21
102	Physico-chemical properties, kinetic parameters, and glucose inhibition of several beta-glucosidases for industrial applications. <i>Process Biochemistry</i> , 2019 , 78, 82-90	4.8	8

101	Influence of reaction parameters in the polymerization between genipin and chitosan for enzyme immobilization. <i>Process Biochemistry</i> , 2019 , 84, 73-80	4.8	22
100	Lecitase ultra: A phospholipase with great potential in biocatalysis. <i>Molecular Catalysis</i> , 2019 , 473, 1104053	5.3	24
99	Immobilization of lipases on hydrophobic supports: immobilization mechanism, advantages, problems, and solutions. <i>Biotechnology Advances</i> , 2019 , 37, 746-770	17.8	254
98	Novozym 435: the perfect lipase immobilized biocatalyst?. <i>Catalysis Science and Technology</i> , 2019 , 9, 2380-2420	5.5	241
97	Immobilization and stabilization of different α -glucosidases using the glutaraldehyde chemistry: Optimal protocol depends on the enzyme. <i>International Journal of Biological Macromolecules</i> , 2019 , 129, 672-678	7.9	45
96	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
95	Preparation of immobilized/stabilized biocatalysts of α -glucosidases from different sources: Importance of the support active groups and the immobilization protocol. <i>Biotechnology Progress</i> , 2019 , 35, e2890	2.8	2
94	Optimized immobilization of polygalacturonase from <i>Aspergillus niger</i> following different protocols: Improved stability and activity under drastic conditions. <i>International Journal of Biological Macromolecules</i> , 2019 , 138, 234-243	7.9	30
93	Improvement of Enzymatic Assisted Extraction Conditions on Anthocyanin Recovery from Different Varieties of <i>V. vinifera</i> and <i>V. labrusca</i> Grape Pomaces. <i>Food Analytical Methods</i> , 2019 , 12, 2056-2068	3.4	11
92	Stability/activity features of the main enzyme components of rohapect 10L. <i>Biotechnology Progress</i> , 2019 , 35, e2877	2.8	8
91	ULTRASOUND-ASSISTED TRANSESTERIFICATION OF SOYBEAN OIL USING COMBI-LIPASE BIOCATALYSTS. <i>Brazilian Journal of Chemical Engineering</i> , 2019 , 36, 995-1005	1.7	12
90	STABILIZATION STUDY OF TETRAMERIC <i>Kluyveromyces lactis</i> α -GALACTOSIDASE BY IMMOBILIZATION ON IMMOBEAD: THERMAL, PHYSICO-CHEMICAL, TEXTURAL AND CATALYTIC PROPERTIES. <i>Brazilian Journal of Chemical Engineering</i> , 2019 , 36, 1403-1417	1.7	4
89	Valorization of <i>Opuntia monacantha</i> (Willd.) Haw. cladodes to obtain a mucilage with hydrocolloid features: Physicochemical and functional performance. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 900-909	7.9	20
88	Comparison of acid, basic and enzymatic catalysis on the production of biodiesel after RSM optimization. <i>Renewable Energy</i> , 2019 , 135, 1-9	8.1	60
87	Transesterification of Waste Frying Oil and Soybean Oil by Combi-lipases Under Ultrasound-Assisted Reactions. <i>Applied Biochemistry and Biotechnology</i> , 2018 , 186, 576-589	3.2	52
86	Magnetic biocatalysts of pectinase and cellulase: Synthesis and characterization of two preparations for application in grape juice clarification. <i>International Journal of Biological Macromolecules</i> , 2018 , 115, 35-44	7.9	41
85	Enzymatic synthesis of ethyl esters from waste oil using mixtures of lipases in a plug-flow packed-bed continuous reactor. <i>Biotechnology Progress</i> , 2018 , 34, 952-959	2.8	28
84	Modification of Immobead 150 support for protein immobilization: Effects on the properties of immobilized <i>Aspergillus oryzae</i> α -galactosidase. <i>Biotechnology Progress</i> , 2018 , 34, 934-943	2.8	8

83	Kinetics and Thermodynamics of Thermal Inactivation of β -Galactosidase from <i>Aspergillus oryzae</i> . <i>Brazilian Archives of Biology and Technology</i> , 2018 , 61,	1.8	3
82	Preparation and characterization of cross-linked enzyme aggregates of dextransucrase from <i>Leuconostoc mesenteroides</i> B-512F. <i>Process Biochemistry</i> , 2018 , 71, 101-108	4.8	7
81	A new bioprocess for the production of prebiotic lactosucrose by an immobilized β -galactosidase. <i>Process Biochemistry</i> , 2017 , 55, 96-103	4.8	40
80	Directed immobilization of CGTase: The effect of the enzyme orientation on the enzyme activity and its use in packed-bed reactor for continuous production of cyclodextrins. <i>Process Biochemistry</i> , 2017 , 58, 120-127	4.8	11
79	Effects of immobilization, pH and reaction time in the modulation of β -D-glucan β -cyclodextrins production by cyclodextrin glycosyltransferase: Batch and continuous process. <i>Carbohydrate Polymers</i> , 2017 , 169, 41-49	10.3	11
78	Effect of feather meal as proteic feeder on combi-CLEAs preparation for grape juice clarification. <i>Process Biochemistry</i> , 2017 , 62, 122-127	4.8	15
77	Combination of ultrasound, enzymes and mechanical stirring: A new method to improve <i>Vitis vinifera</i> Cabernet Sauvignon must yield, quality and bioactive compounds. <i>Food and Bioprocess Technology</i> , 2017 , 105, 197-204	4.9	12
76	Polyethylenimine: a very useful ionic polymer in the design of immobilized enzyme biocatalysts. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7461-7490	7.3	162
75	Improvement of pectinase, xylanase and cellulase activities by ultrasound: Effects on enzymes and substrates, kinetics and thermodynamic parameters. <i>Process Biochemistry</i> , 2017 , 61, 80-87	4.8	32
74	Responses to Lerner A. and Matthias T. Comment on β -Microbial Enzymes as Substitutes of Chemical Additives in Baking Wheat FlourPart II: Combined Effects of Nine Enzymes on Dough Rheology [M.M. Bueno, R.C.S. Thys and R.C. Rodrigues (2016), <i>Food and Bioprocess Technology</i> , 9(9), 1598-1611] <i>Food and Bioprocess Technology</i> , 2016 , 9, 2127-2127	5.1	1
73	Microbial Enzymes as Substitutes of Chemical Additives in Baking Wheat FlourPart I: Individual Effects of Nine Enzymes on Flour Dough Rheology. <i>Food and Bioprocess Technology</i> , 2016 , 9, 2012-2023	5.1	14
72	Chemical Modification in the Design of Immobilized Enzyme Biocatalysts: Drawbacks and Opportunities. <i>Chemical Record</i> , 2016 , 16, 1436-55	6.6	132
71	Synergistic effects of Pectinex Ultra Clear and Lallzyme Beta on yield and bioactive compounds extraction of Concord grape juice. <i>LWT - Food Science and Technology</i> , 2016 , 72, 157-165	5.4	21
70	Identification of Bioactive Compounds From <i>Vitis labrusca</i> L. Variety Concord Grape Juice Treated With Commercial Enzymes: Improved Yield and Quality Parameters. <i>Food and Bioprocess Technology</i> , 2016 , 9, 365-377	5.1	29
69	Preparation and characterization of a Combi-CLEAs from pectinases and cellulases: a potential biocatalyst for grape juice clarification. <i>RSC Advances</i> , 2016 , 6, 27242-27251	3.7	49
68	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
67	Chitosan crosslinked with genipin as support matrix for application in food process: Support characterization and β -D-galactosidase immobilization. <i>Carbohydrate Polymers</i> , 2016 , 137, 184-190	10.3	128
66	Physical-Chemical Properties of the Support Immobead 150 Before and After the Immobilization Process of Lipase. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	3

65	Immobilization of Glycoside Hydrolase Families GH1, GH13, and GH70: State of the Art and Perspectives. <i>Molecules</i> , 2016 , 21,	4.8	34
64	Dextranucrase immobilized on activated-chitosan particles as a novel biocatalyst. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 133, S143-S149		8
63	Synthesis of butyl esters via ultrasound-assisted transesterification of macaBa (Acrocomia aculeata) acid oil using a biomass-derived fermented solid as biocatalyst. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 133, S213-S219		12
62	Microbial Enzymes as Substitutes of Chemical Additives in Baking Wheat FlourPart II: Combined Effects of Nine Enzymes on Dough Rheology. <i>Food and Bioprocess Technology</i> , 2016 , 9, 1598-1611	5.1	13
61	Enzymatic reactors for biodiesel synthesis: Present status and future prospects. <i>Biotechnology Advances</i> , 2015 , 33, 511-25	17.8	124
60	Optimization and characterization of CLEAs of the very thermostable dimeric peroxidase from Roystonea regia. <i>RSC Advances</i> , 2015 , 5, 53047-53053	3.7	5
59	Strategies for the one-step immobilization-purification of enzymes as industrial biocatalysts. <i>Biotechnology Advances</i> , 2015 , 33, 435-56	17.8	463
58	Continuous production of fructooligosaccharides and invert sugar by chitosan immobilized enzymes: Comparison between in fluidized and packed bed reactors. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015 , 111, 51-55		34
57	The combined use of ultrasound and molecular sieves improves the synthesis of ethyl butyrate catalyzed by immobilized Thermomyces lanuginosus lipase. <i>Ultrasonics Sonochemistry</i> , 2015 , 22, 89-94	8.9	93
56	Optimization of ethyl ester production from olive and palm oils using mixtures of immobilized lipases. <i>Applied Catalysis A: General</i> , 2015 , 490, 50-56	5.1	66
55	Importance of the Support Properties for Immobilization or Purification of Enzymes. <i>ChemCatChem</i> , 2015 , 7, 2413-2432	5.2	387
54	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
53	Immobilization of Proteins in Poly-Styrene-Divinylbenzene Matrices: Functional Properties and Applications. <i>Current Organic Chemistry</i> , 2015 , 19, 1707-1718	1.7	51
52	Comparison of the performance of commercial immobilized lipases in the synthesis of different flavor esters. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 105, 18-25		48
51	Fructooligosaccharides synthesis by highly stable immobilized Fructofuranosidase from Aspergillus aculeatus. <i>Carbohydrate Polymers</i> , 2014 , 103, 193-7	10.3	59
50	Glutaraldehyde in bio-catalysts design: a useful crosslinker and a versatile tool in enzyme immobilization. <i>RSC Advances</i> , 2014 , 4, 1583-1600	3.7	536
49	Amination of enzymes to improve biocatalyst performance: coupling genetic modification and physicochemical tools. <i>RSC Advances</i> , 2014 , 4, 38350-38374	3.7	91
48	Combi-lipase for heterogeneous substrates: a new approach for hydrolysis of soybean oil using mixtures of biocatalysts. <i>RSC Advances</i> , 2014 , 4, 6863-6868	3.7	64

47	Ultrasound technology and molecular sieves improve the thermodynamically controlled esterification of butyric acid mediated by immobilized lipase from <i>Rhizomucor miehei</i> . <i>RSC Advances</i> , 2014 , 4, 8675	3.7	63
46	Efficient purification-immobilization of an organic solvent-tolerant lipase from <i>Staphylococcus warneri</i> EX17 on porous styrene-divinylbenzene beads. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 99, 51-55		17
45	Improving the catalytic properties of immobilized Lecitase via physical coating with ionic polymers. <i>Enzyme and Microbial Technology</i> , 2014 , 60, 1-8	3.8	47
44	Stabilizing hyperactivated lecitase structures through physical treatment with ionic polymers. <i>Process Biochemistry</i> , 2014 , 49, 1511-1515	4.8	43
43	Combined effects of ultrasound and immobilization protocol on butyl acetate synthesis catalyzed by CALB. <i>Molecules</i> , 2014 , 19, 9562-76	4.8	36
42	Evaluation of styrene-divinylbenzene beads as a support to immobilize lipases. <i>Molecules</i> , 2014 , 19, 7629-45	4.5	44
41	Immobilization of <i>Thermomyces lanuginosus</i> lipase by different techniques on Immobead 150 support: characterization and applications. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 172, 2507-20	3.2	25
40	Heterofunctional supports in enzyme immobilization: from traditional immobilization protocols to opportunities in tuning enzyme properties. <i>Biomacromolecules</i> , 2013 , 14, 2433-62	6.9	358
39	Continuous production of α -cyclodextrin from starch by highly stable cyclodextrin glycosyltransferase immobilized on chitosan. <i>Carbohydrate Polymers</i> , 2013 , 98, 1311-6	10.3	43
38	Multipoint covalent immobilization of lipases on aldehyde-activated support: Characterization and application in transesterification reaction. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 94, 57-62		24
37	Effect of immobilization protocol on optimal conditions of ethyl butyrate synthesis catalyzed by lipase B from <i>Candida antarctica</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2013 , 88, 1089-1095	3.5	50
36	Biotechnological prospects of the lipase from <i>Mucor javanicus</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 93, 34-43		17
35	Optimization of synthesis of fatty acid methyl esters catalyzed by lipase B from <i>Candida antarctica</i> immobilized on hydrophobic supports. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 94, 51-56		41
34	High operational stability of invertase from <i>Saccharomyces cerevisiae</i> immobilized on chitosan nanoparticles. <i>Carbohydrate Polymers</i> , 2013 , 92, 462-8	10.3	57
33	Ultrasound-assisted butyl acetate synthesis catalyzed by Novozym 435: enhanced activity and operational stability. <i>Ultrasonics Sonochemistry</i> , 2013 , 20, 1155-60	8.9	90
32	Improved production of butyl butyrate with lipase from <i>Thermomyces lanuginosus</i> immobilized on styrene-divinylbenzene beads. <i>Bioresource Technology</i> , 2013 , 134, 417-22	11	81
31	High stability of immobilized β -D-galactosidase for lactose hydrolysis and galactooligosaccharides synthesis. <i>Carbohydrate Polymers</i> , 2013 , 95, 465-70	10.3	73
30	Modifying enzyme activity and selectivity by immobilization. <i>Chemical Society Reviews</i> , 2013 , 42, 6290-305	38.5	1298

29	Optimized butyl butyrate synthesis catalyzed by <i>Thermomyces lanuginosus</i> lipase. <i>Biotechnology Progress</i> , 2013 , 29, 1416-21	2.8	18
28	Optimized preparation of CALB-CLEAs by response surface methodology: The necessity to employ a feeder to have an effective crosslinking. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012 , 80, 7-14		66
27	Optimization of pineapple flavour synthesis by esterification catalysed by immobilized lipase from <i>Rhizomucor miehei</i> . <i>Flavour and Fragrance Journal</i> , 2012 , 27, 196-200	2.5	28
26	Immobilization of lipase B from <i>Candida antarctica</i> on porous styrene-divinylbenzene beads improves butyl acetate synthesis. <i>Biotechnology Progress</i> , 2012 , 28, 406-12	2.8	56
25	Effect of the support size on the properties of β -galactosidase immobilized on chitosan: advantages and disadvantages of macro and nanoparticles. <i>Biomacromolecules</i> , 2012 , 13, 2456-64	6.9	109
24	Hydrogen Peroxide in Biocatalysis. A Dangerous Liaison. <i>Current Organic Chemistry</i> , 2012 , 16, 2652-2672	1.7	103
23	Rapid and high yields of synthesis of butyl acetate catalyzed by Novozym 435: Reaction optimization by response surface methodology. <i>Process Biochemistry</i> , 2011 , 46, 2311-2316	4.8	95
22	Coupling Chemical Modification and Immobilization to Improve the Catalytic Performance of Enzymes. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 2216-2238	5.6	268
21	Potential of Different Enzyme Immobilization Strategies to Improve Enzyme Performance. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 2885-2904	5.6	1170
20	Purification, immobilization, and characterization of a specific lipase from <i>Staphylococcus warneri</i> EX17 by enzyme fractionating via adsorption on different hydrophobic supports. <i>Biotechnology Progress</i> , 2011 , 27, 717-23	2.8	10
19	Effects of the combined use of <i>Thermomyces lanuginosus</i> and <i>Rhizomucor miehei</i> lipases for the transesterification and hydrolysis of soybean oil. <i>Process Biochemistry</i> , 2011 , 46, 682-688	4.8	89
18	Use of enzymes in the production of semi-synthetic penicillins and cephalosporins: drawbacks and perspectives. <i>Current Medicinal Chemistry</i> , 2010 , 17, 3855-73	4.3	88
17	Lipase from <i>Rhizomucor miehei</i> as an industrial biocatalyst in chemical process. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 64, 1-22		219
16	Lipase from <i>Rhizomucor miehei</i> as a biocatalyst in fats and oils modification. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 66, 15-32		200
15	Complete reactivation of immobilized derivatives of a trimeric glutamate dehydrogenase from <i>Thermus thermophilus</i> . <i>Process Biochemistry</i> , 2010 , 45, 107-113	4.8	21
14	Two step ethanolysis: A simple and efficient way to improve the enzymatic biodiesel synthesis catalyzed by an immobilized lipase from <i>Thermomyces lanuginosus</i> . <i>Process Biochemistry</i> , 2010 , 45, 1268-1273	4.8	63
13	Modulation of a lipase from <i>Staphylococcus warneri</i> EX17 using immobilization techniques. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 60, 125-132		18
12	Improved enzyme stability in lipase-catalyzed synthesis of fatty acid ethyl ester from soybean oil. <i>Applied Biochemistry and Biotechnology</i> , 2009 , 152, 394-404	3.2	15

11	Effects of oxygen volumetric mass transfer coefficient and pH on lipase production by <i>Staphylococcus warneri</i> EX17. <i>Biotechnology and Bioprocess Engineering</i> , 2009 , 14, 105-111	3.1	12
10	Effects of oxygen volumetric mass transfer coefficient on transglutaminase production by <i>Bacillus circulans</i> BL32. <i>Biotechnology and Bioprocess Engineering</i> , 2009 , 14, 571-576	3.1	7
9	Positive effects of the multipoint covalent immobilization in the reactivation of partially inactivated derivatives of lipase from <i>Thermomyces lanuginosus</i> . <i>Enzyme and Microbial Technology</i> , 2009 , 44, 386-393	3.8	30
8	The presence of thiolated compounds allows the immobilization of enzymes on glyoxyl agarose at mild pH values: New strategies of stabilization by multipoint covalent attachment. <i>Enzyme and Microbial Technology</i> , 2009 , 45, 477-483	3.8	41
7	Improved reactivation of immobilized-stabilized lipase from <i>Thermomyces lanuginosus</i> by its coating with highly hydrophilic polymers. <i>Journal of Biotechnology</i> , 2009 , 144, 113-9	3.7	25
6	Reactivation of covalently immobilized lipase from <i>Thermomyces lanuginosus</i> . <i>Process Biochemistry</i> , 2009 , 44, 641-646	4.8	30
5	Immobilization and stabilization of the lipase from <i>Thermomyces lanuginosus</i> : Critical role of chemical amination. <i>Process Biochemistry</i> , 2009 , 44, 963-968	4.8	86
4	Enzymatic Synthesis of Biodiesel from Transesterification Reactions of Vegetable Oils and Short Chain Alcohols. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2008 , 85, 925-930	1.8	118
3	Production of organic solvent tolerant lipase by <i>Staphylococcus caseolyticus</i> EX17 using raw glycerol as substrate. <i>Journal of Chemical Technology and Biotechnology</i> , 2008 , 83, 821-828	3.5	33
2	Lipase-catalyzed ethanolysis of soybean oil in a solvent-free system using central composite design and response surface methodology. <i>Journal of Chemical Technology and Biotechnology</i> , 2008 , 83, 849-854	3.5	35
1	Optimization of transglutaminase extraction produced by <i>Bacillus circulans</i> BL32 on solid-state cultivation. <i>Journal of Chemical Technology and Biotechnology</i> , 2008 , 83, 1306-1313	3.5	9