

Rafael Costa Rodrigues

List of Publications by Year in descending order

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120
papers

12,321
citations

34105

52
h-index

24982

109
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126
all docs

126
docs citations

126
times ranked

8229
citing authors

#	ARTICLE	IF	CITATIONS
1	Modifying enzyme activity and selectivity by immobilization. <i>Chemical Society Reviews</i> , 2013, 42, 6290-6307.	38.1	1,552
2	Potential of Different Enzyme Immobilization Strategies to Improve Enzyme Performance. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2885-2904.	4.3	1,389
3	Glutaraldehyde in bio-catalysts design: a useful crosslinker and a versatile tool in enzyme immobilization. <i>RSC Advances</i> , 2014, 4, 1583-1600.	3.6	669
4	Strategies for the one-step immobilization and purification of enzymes as industrial biocatalysts. <i>Biotechnology Advances</i> , 2015, 33, 435-456.	11.7	568
5	Importance of the Support Properties for Immobilization or Purification of Enzymes. <i>ChemCatChem</i> , 2015, 7, 2413-2432.	3.7	466
6	Heterofunctional Supports in Enzyme Immobilization: From Traditional Immobilization Protocols to Opportunities in Tuning Enzyme Properties. <i>Biomacromolecules</i> , 2013, 14, 2433-2462.	5.4	429
7	Immobilization of lipases on hydrophobic supports: immobilization mechanism, advantages, problems, and solutions. <i>Biotechnology Advances</i> , 2019, 37, 746-770.	11.7	409
8	Novozym 435: the "perfect" lipase immobilized biocatalyst?. <i>Catalysis Science and Technology</i> , 2019, 9, 2380-2420.	4.1	393
9	Coupling Chemical Modification and Immobilization to Improve the Catalytic Performance of Enzymes. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2216-2238.	4.3	329
10	Stabilization of enzymes via immobilization: Multipoint covalent attachment and other stabilization strategies. <i>Biotechnology Advances</i> , 2021, 52, 107821.	11.7	280
11	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.	1.8	241
12	Polyethylenimine: a very useful ionic polymer in the design of immobilized enzyme biocatalysts. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7461-7490.	5.8	228
13	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.	1.8	225
14	Chemical Modification in the Design of Immobilized Enzyme Biocatalysts: Drawbacks and Opportunities. <i>Chemical Record</i> , 2016, 16, 1436-1455.	5.8	183
15	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.	10.2	181
16	Enzyme co-immobilization: Always the biocatalyst designers' choice or not?. <i>Biotechnology Advances</i> , 2021, 51, 107584.	11.7	152
17	Enzymatic reactors for biodiesel synthesis: Present status and future prospects. <i>Biotechnology Advances</i> , 2015, 33, 511-525.	11.7	141
18	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.	1.9	137

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19	Hydrogen Peroxide in Biocatalysis. A Dangerous Liaison. <i>Current Organic Chemistry</i> , 2012, 16, 2652-2672.	1.6	133
20	Effect of the Support Size on the Properties of Î²-Galactosidase Immobilized on Chitosan: Advantages and Disadvantages of Macro and Nanoparticles. <i>Biomacromolecules</i> , 2012, 13, 2456-2464.	5.4	131
21	Amination of enzymes to improve biocatalyst performance: coupling genetic modification and physicochemical tools. <i>RSC Advances</i> , 2014, 4, 38350-38374.	3.6	117
22	Use of Enzymes in the Production of Semi-Synthetic Penicillins and Cephalosporins: Drawbacks and Perspectives. <i>Current Medicinal Chemistry</i> , 2010, 17, 3855-3873.	2.4	109
23	Ultrasound-assisted butyl acetate synthesis catalyzed by Novozym 435: Enhanced activity and operational stability. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1155-1160.	8.2	105
24	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.	3.7	104
25	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.	3.7	102
26	The combined use of ultrasound and molecular sieves improves the synthesis of ethyl butyrate catalyzed by immobilized <i>Thermomyces lanuginosus</i> lipase. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 89-94.	8.2	102
27	Improved production of butyl butyrate with lipase from <i>Thermomyces lanuginosus</i> immobilized on styrene- <i>co</i> -divinylbenzene beads. <i>Bioresource Technology</i> , 2013, 134, 417-422.	9.6	94
28	Comparison of acid, basic and enzymatic catalysis on the production of biodiesel after RSM optimization. <i>Renewable Energy</i> , 2019, 135, 1-9.	8.9	94
29	Immobilization- <i>co</i> -stabilization of the lipase from <i>Thermomyces lanuginosus</i> : Critical role of chemical amination. <i>Process Biochemistry</i> , 2009, 44, 963-968.	3.7	92
30	High stability of immobilized Î²-d-galactosidase for lactose hydrolysis and galactooligosaccharides synthesis. <i>Carbohydrate Polymers</i> , 2013, 95, 465-470.	10.2	90
31	Enzyme production of <i>D</i> -gluconic acid and glucose oxidase: successful tales of cascade reactions. <i>Catalysis Science and Technology</i> , 2020, 10, 5740-5771.	4.1	80
32	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.	3.6	77
33	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.	4.3	75
34	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.	3.6	74
35	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.	1.8	72
36	Fructooligosaccharides synthesis by highly stable immobilized Î²-fructofuranosidase from <i>Aspergillus aculeatus</i> . <i>Carbohydrate Polymers</i> , 2014, 103, 193-197.	10.2	72

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37	Immobilization and stabilization of different β -glucosidases using the glutaraldehyde chemistry: Optimal protocol depends on the enzyme. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 672-678.	7.5	71
38	Two step ethanolysis: A simple and efficient way to improve the enzymatic biodiesel synthesis catalyzed by an immobilized α -stabilized lipase from <i>Thermomyces lanuginosus</i> . <i>Process Biochemistry</i> , 2010, 45, 1268-1273.	3.7	70
39	Stabilizing hyperactivated lecithase structures through physical treatment with ionic polymers. <i>Process Biochemistry</i> , 2014, 49, 1511-1515.	3.7	70
40	Production and characterization of biodiesel from oil of fish waste by enzymatic catalysis. <i>Renewable Energy</i> , 2020, 153, 1346-1354.	8.9	67
41	Immobilization of lipase B from <i>Candida antarctica</i> on porous styrene-divinylbenzene beads improves butyl acetate synthesis. <i>Biotechnology Progress</i> , 2012, 28, 406-412.	2.6	66
42	High operational stability of invertase from <i>Saccharomyces cerevisiae</i> immobilized on chitosan nanoparticles. <i>Carbohydrate Polymers</i> , 2013, 92, 462-468.	10.2	64
43	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.	3.2	63
44	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.	2.9	63
45	Pectin lyase immobilization using the glutaraldehyde chemistry increases the enzyme operation range. <i>Enzyme and Microbial Technology</i> , 2020, 132, 109397.	3.2	63
46	Evaluation of Styrene-Divinylbenzene Beads as a Support to Immobilize Lipases. <i>Molecules</i> , 2014, 19, 7629-7645.	3.8	62
47	Immobilization of Proteins in Poly-Styrene-Divinylbenzene Matrices: Functional Properties and Applications. <i>Current Organic Chemistry</i> , 2015, 19, 1707-1718.	1.6	62
48	Improving the catalytic properties of immobilized Lecithase via physical coating with ionic polymers. <i>Enzyme and Microbial Technology</i> , 2014, 60, 1-8.	3.2	61
49	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.	1.8	58
50	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.	3.6	55
51	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.	7.5	55
52	One Pot Use of Combilipases for Full Modification of Oils and Fats: Multifunctional and Heterogeneous Substrates. <i>Catalysts</i> , 2020, 10, 605.	3.5	55
53	Continuous production of β -cyclodextrin from starch by highly stable cyclodextrin glycosyltransferase immobilized on chitosan. <i>Carbohydrate Polymers</i> , 2013, 98, 1311-1316.	10.2	53
54	A new bioprocess for the production of prebiotic lactosucrose by an immobilized β -galactosidase. <i>Process Biochemistry</i> , 2017, 55, 96-103.	3.7	53

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55	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.	1.8	52
56	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.	3.7	51
57	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.	1.8	49
58	Immobilization of Glycoside Hydrolase Families GH1, GH13, and GH70: State of the Art and Perspectives. <i>Molecules</i> , 2016, 21, 1074.	3.8	47
59	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.	3.2	46
60	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.	1.8	45
61	Lecitase ultra: A phospholipase with great potential in biocatalysis. <i>Molecular Catalysis</i> , 2019, 473, 110405.	2.0	43
62	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.	7.5	43
63	Combined Effects of Ultrasound and Immobilization Protocol on Butyl Acetate Synthesis Catalyzed by CALB. <i>Molecules</i> , 2014, 19, 9562-9576.	3.8	42
64	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.	10.7	42
65	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.	7.5	41
66	Influence of reaction parameters in the polymerization between genipin and chitosan for enzyme immobilization. <i>Process Biochemistry</i> , 2019, 84, 73-80.	3.7	41
67	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.	3.2	40
68	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.	4.7	40
69	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.	3.2	38
70	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.	2.6	37
71	Immobilization of pectinase on chitosan-magnetic particles: Influence of particle preparation protocol on enzyme properties for fruit juice clarification. <i>Biotechnology Reports (Amsterdam)</i> , Tj ETQq1 1 0.7843 144rgBT /Ovzlock 10	1.4	37
72	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.	2.6	36

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73	Reactivation of covalently immobilized lipase from <i>Thermomyces lanuginosus</i> . <i>Process Biochemistry</i> , 2009, 44, 641-646.	3.7	35
74	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.	3.2	33
75	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, 2507-2520.	2.9	32
76	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, 113-119.	3.8	29
77	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.	5.2	27
78	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.	1.8	26
79	Aqueous enzymatic extraction of <i>Ricinus communis</i> seeds oil using Viscozyme L. <i>Industrial Crops and Products</i> , 2021, 170, 113811.	5.2	25
80	Complete reactivation of immobilized derivatives of a trimeric glutamate dehydrogenase from <i>Thermus thermophilus</i> . <i>Process Biochemistry</i> , 2010, 45, 107-113.	3.7	24
81	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.	3.7	22
82	Biotechnological prospects of the lipase from <i>Mucor javanicus</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 93, 34-43.	1.8	21
83	Optimized butyl butyrate synthesis catalyzed by <i>Thermomyces lanuginosus</i> lipase. <i>Biotechnology Progress</i> , 2013, 29, 1416-1421.	2.6	21
84	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.	1.8	21
85	Enzymatic clarification of orange juice in continuous bed reactors: Fluidized-bed versus packed-bed reactor. <i>Catalysis Today</i> , 2021, 362, 184-191.	4.4	21
86	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.	1.8	20
87	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.	4.4	18
88	Microbial Enzymes as Substitutes of Chemical Additives in Baking Wheat Flour – Part I: Individual Effects of Nine Enzymes on Flour Dough Rheology. <i>Food and Bioprocess Technology</i> , 2016, 9, 2012-2023.	4.7	18
89	Effect of feather meal as proteic feeder on combi-CLEAs preparation for grape juice clarification. <i>Process Biochemistry</i> , 2017, 62, 122-127.	3.7	18
90	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.	2.9	17

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91	Microbial Enzymes as Substitutes of Chemical Additives in Baking Wheat Flour—Part II: Combined Effects of Nine Enzymes on Dough Rheology. <i>Food and Bioprocess Technology</i> , 2016, 9, 1598-1611.	4.7	17
92	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.	2.6	17
93	ULTRASOUND-ASSISTED TRANSESTERIFICATION OF SOYBEAN OIL USING COMBI-LIPASE BIOCATALYSTS. <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 995-1005.	1.3	17
94	Synthesis of butyl esters via ultrasound-assisted transesterification of macaãba (Acrocomia aculeata) acid oil using a biomass-derived fermented solid as biocatalyst. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, S213-S219.	1.8	16
95	Effects of immobilization, pH and reaction time in the modulation of α -, β - or γ -cyclodextrins production by cyclodextrin glycosyltransferase: Batch and continuous process. <i>Carbohydrate Polymers</i> , 2017, 169, 41-49.	10.2	16
96	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.	3.6	16
97	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.	3.2	16
98	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.	2.6	16
99	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.	10.7	16
100	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.	2.6	15
101	Physico-chemical properties, kinetic parameters, and glucose inhibition of several beta-glucosidases for industrial applications. <i>Process Biochemistry</i> , 2019, 78, 82-90.	3.7	14
102	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, 717-723.	2.6	12
103	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.	3.2	12
104	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.	3.1	11
105	Stability/activity features of the main enzyme components of rohapect 10L. <i>Biotechnology Progress</i> , 2019, 35, e2877.	2.6	10
106	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.	2.9	10
107	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.	3.2	9
108	Preparation and characterization of cross-linked enzyme aggregates of dextranucrase from <i>Leuconostoc mesenteroides</i> B-512F. <i>Process Biochemistry</i> , 2018, 71, 101-108.	3.7	9

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109	Aqueous Extraction of Seed Oil from Mamey Sapote (<i>Pouteria sapota</i>) after Viscozyme L Treatment. <i>Catalysts</i> , 2021, 11, 748.	3.5	9
110	Dextranucrase immobilized on activated-chitosan particles as a novel biocatalyst. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, S143-S149.	1.8	8
111	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.	2.6	7
112	Kinetics and Thermodynamics of Thermal Inactivation of β -Galactosidase from <i>Aspergillus oryzae</i> . <i>Brazilian Archives of Biology and Technology</i> , 2018, 61, .	0.5	7
113	Optimization and characterization of CLEAs of the very thermostable dimeric peroxidase from <i>Roystonea regia</i> . <i>RSC Advances</i> , 2015, 5, 53047-53053.	3.6	5
114	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, , .	0.6	5
115	Preparation of immobilized/stabilized biocatalysts of β -glucosidases from different sources: Importance of the support active groups and the immobilization protocol. <i>Biotechnology Progress</i> , 2019, 35, e2890.	2.6	5
116	Effect of enzymatic treatments and microfiltration on the physicochemical quality parameters of feijoa (<i>Acca sellowiana</i>) juice. <i>International Journal of Food Science and Technology</i> , 2021, 56, 4983-4994.	2.7	4
117	STABILIZATION STUDY OF TETRAMERIC <i>Kluyveromyces lactis</i> β -GALACTOSIDASE BY IMMOBILIZATION ON IMMOBEAD: THERMAL, PHYSICO-CHEMICAL, TEXTURAL AND CATALYTIC PROPERTIES. <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 1403-1417.	1.3	4
118	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.	1.3	2
119	Responses to Lerner A. and Matthias T. Comment on "Microbial Enzymes as Substitutes of Chemical Additives in Baking Wheat Flour" Part 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.	4.7	1
120	ESTUDO DAS CONDIÇÕES DE IMOBILIZAÇÃO DA LIPASE DE <i>Thermomyces lanuginosus</i> PARA A PRODUÇÃO DE BIODIESEL. , 0, , .		0