Debora Oliveira

List of Publications by Year
in descending order

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Version: 2024-02-01

354	9,632	53660	82410
papers	citations	45 h-index	72 g-index

357	357	357	8858
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review on enzymatic acylation as a promising opportunity to stabilizing anthocyanins. Critical Reviews in Food Science and Nutrition, 2023, 63, 6777-6796.	5.4	7
2	Mannosylerythritol lipids as green pesticides and plant biostimulants. Journal of the Science of Food and Agriculture, 2023, 103, 37-47.	1.7	5
3	A Perspective Review on the Application of Polyacrylonitrileâ€Based Supports for Laccase Immobilization. Chemical Record, 2022, 22, .	2.9	5
4	Cellulase immobilized on kaolin as a potential approach to improve the quality of knitted fabric. Bioprocess and Biosystems Engineering, 2022, 45, 679.	1.7	7
5	Immobilization of Eversa Lipases on Hydrophobic Supports for Ethanolysis of Sunflower Oil Solvent-Free. Applied Biochemistry and Biotechnology, 2022, 194, 2151-2167.	1.4	9
6	Recent advances and challenges on enzymatic synthesis of biobased polyesters via polycondensation. European Polymer Journal, 2022, 169, 111132.	2.6	14
7	Copolymerization of limonene oxide and cyclic anhydrides catalyzed by ionic liquid BMIÂ·Fe2Cl7, nanoparticles preparation, crosslinking, and cytotoxicity studies. Journal of Polymer Research, 2022, 29, .	1.2	1
8	Bacterial cellulose production from acerola industrial waste using isolated kombucha strain. Cellulose, 2022, 29, 7613-7627.	2.4	7
9	Biological properties of functional flavoring produced by enzymatic esterification of citronellol and geraniol present in Cymbopogon winterianus essential oil. Natural Product Research, 2021, 35, 5981-5987.	1.0	7
10	In vitro cytotoxicity and hyperthermia studies of superparamagnetic poly(urea-urethane) nanoparticles obtained by miniemulsion polymerization in human erythrocytes and NIH3T3 and HeLa cells. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 476-485.	1.8	4
11	Cleaner Pre-concentration of Metals from Printed Circuit Board Waste Using Novel Dense Liquid Medium Based on Sodium Silicate. Waste and Biomass Valorization, 2021, 12, 4081-4087.	1.8	4
12	Production of kombucha-like beverage and bacterial cellulose by acerola byproduct as raw material. LWT - Food Science and Technology, 2021, 135, 110075.	2.5	49
13	Utilization of montmorillonite in biostoning process as a strategy for effluent reuse. Journal of Chemical Technology and Biotechnology, 2021, 96, 890-898.	1.6	3
14	Laccase as an efficacious approach to remove anticancer drugs: A study of doxorubicin degradation, kinetic parameters, and toxicity assessment. Journal of Hazardous Materials, 2021, 409, 124520.	6.5	38
15	Treatment of real oilfield produced water by liquid-liquid extraction and efficient phase separation in a mixer-settler based on phase inversion. Chemical Engineering Journal, 2021, 417, 127926.	6.6	12
16	Hydrothermal treatment on depolymerization of hemicellulose of mango seed shell for the production of xylooligosaccharides. Carbohydrate Polymers, 2021, 253, 117274.	5.1	54
17	Deconstruction of banana peel for carbohydrate fractionation. Bioprocess and Biosystems Engineering, 2021, 44, 297-306.	1.7	23
18	Bioleaching from Coal Wastes and Tailings: A Sustainable Biomining Alternative. Environmental and Microbial Biotechnology, 2021, , 203-224.	0.4	2

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19	Solid-State Fermentation in Brewerâ€™s Spent Grains by Fusarium fujikuroi for Gibberellic Acid Production. Biointerface Research in Applied Chemistry, 2021, 11, 13042-13052.	1.0	6
20	Industrial Cooling Systems and Antibiofouling Strategies: A Comprehensive Review. Industrial & Engineering Chemistry Research, 2021, 60, 3278-3294.	1.8	6
21	Utilization of seawater and wastewater from shrimp production in the fermentation of papaya residues to ethanol. Bioresource Technology, 2021, 321, 124501.	4.8	12
22	Production of benzyl cinnamate by a low-cost immobilized lipase and evaluation of its antioxidant activity and toxicity. Biotechnology Reports (Amsterdam, Netherlands), 2021, 29, e00586.	2.1	3
23	Immobilization of endoglucanase on kaolin by adsorption and covalent bonding. Bioprocess and Biosystems Engineering, 2021, 44, 1627-1637.	1.7	5
24	Use of non-thermal plasma in lignocellulosic materials: A smart alternative. Trends in Food Science and Technology, 2021, 109, 365-373.	7.8	14
25	Biodegradation of azo dye-containing wastewater by activated sludge: a critical review. World Journal of Microbiology and Biotechnology, 2021, 37, 101.	1.7	17
26	Rigid Polyurethane Foam Obtained from Enzymatic Glycerolysis: Evaluation of the Influence of Lipase on Biopolyol Composition and Polymer Characteristics. Journal of Polymers and the Environment, 2021, 29, 3900.	2.4	5
27	Apoptosis Induction in Murine Melanoma (B16F10) Cells by Mannosylerythritol Lipids-B; a Glycolipid Biosurfactant with Antitumoral Activities. Applied Biochemistry and Biotechnology, 2021, 193, 3855-3866.	1.4	7
28	A prospection on membrane-based strategies for downstream processing of surfactin. Chemical Engineering Journal, 2021, 415, 129067.	6.6	16
29	EDITORIAL â€“ ENZITEC Special Edition 2018 Prospects for bioeconomy and biorefineries development â€“ Challenges and innovations in enzymatic processes. Biocatalysis and Biotransformation, 2021, 39, 343-345.	1.1	0
30	Î²-galactosidase from Kluyveromyces lactis in genipin-activated chitosan: An investigation on immobilization, stability, and application in diluted UHT milk. Food Chemistry, 2021, 349, 129050.	4.2	29
31	New perspectives for banana peel polysaccharides and their conversion to oligosaccharides. Food Research International, 2021, 149, 110706.	2.9	10
32	Non-thermal plasma as an innovative pretreatment technology in delignification of brewery by-product. Innovative Food Science and Emerging Technologies, 2021, 74, 102827.	2.7	5
33	Biosurfactant inducers for enhanced production of surfactin and rhamnolipids: an overview. World Journal of Microbiology and Biotechnology, 2021, 37, 21.	1.7	24
34	Application of Immobilized Laccase on Polyurethane Foam for Ex-Situ Polycyclic Aromatic Hydrocarbons Bioremediation. Journal of Polymers and the Environment, 2021, 29, 2200-2213.	2.4	13
35	Antifungal Activity and Acute and Repeated-Dose Toxicity Study of Geranyl Cinnamate Ester in Mice. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-14.	0.5	0
36	Strategies for the Immobilization of EversaÂ® Transform 2.0 Lipase and Application for Phospholipid Synthesis. Catalysts, 2021, 11, 1236.	1.6	3

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37	Typical kombucha fermentation: Kinetic evaluation of beverage and morphological characterization of bacterial cellulose. Journal of Food Processing and Preservation, 2021, 45, e16100.	0.9	10
38	Dyestuffs from textile industry wastewaters: Trends and gaps in the use of bioflocculants. Process Biochemistry, 2021, 111, 181-190.	1.8	19
39	Toxicity and larvicidal activity on Aedes aegypti of citronella essential oil submitted to enzymatic esterification. Brazilian Journal of Biology, 2021, 83, e244647.	0.4	3
40	Investigation of the anti-inflammatory effects of stigmasterol in mice: insight into its mechanism of action. Behavioural Pharmacology, 2021, 32, 640-651.	0.8	22
41	Lipase-Catalyzed Esterification of Geraniol and Citronellol for the Synthesis of Terpenic Esters. Applied Biochemistry and Biotechnology, 2020, 190, 574-583.	1.4	31
42	Experimental data and modelling of 2G ethanol production by Wickerhamomyces sp. UFFS-CE-3.1.2. Renewable Energy, 2020, 145, 2445-2450.	4.3	14
43	Liposoluble compounds from Ganoderma lipsiense grown on solid red rice medium with antiparasitic and antibacterial properties. Biotechnology and Applied Biochemistry, 2020, 67, 180-185.	1.4	9
44	Potential of enzymatic process as an innovative technology to remove anticancer drugs in wastewater. Applied Microbiology and Biotechnology, 2020, 104, 23-31.	1.7	32
45	Identification and antigiardial activity of biocompounds produced in the Ganoderma lipsiense mycelium in submerged fermentation. Natural Product Research, 2020, 35, 1-5.	1.0	0
46	A review on alternative bioprocesses for removal of emerging contaminants. Bioprocess and Biosystems Engineering, 2020, 43, 2117-2129.	1.7	33
47	Production of new nanobiocatalysts via immobilization of lipase B from C. antarctica on polyurethane nanosupports for application on food and pharmaceutical industries. International Journal of Biological Macromolecules, 2020, 165, 2957-2963.	3.6	23
48	Biological activity of mannosylerythritol lipids on the mammalian cells. Applied Microbiology and Biotechnology, 2020, 104, 8595-8605.	1.7	5
49	Optimization, kinetic, and scalingâ€up of solventâ€free lipaseâ€catalyzed synthesis of ethylene glycol oleate emollient ester. Biotechnology and Applied Biochemistry, 2020, , .	1.4	2
50	Developing an immobilized low-cost biocatalyst for FAME synthesis. Biocatalysis and Agricultural Biotechnology, 2020, 29, 101752.	1.5	13
51	Surfactant-enhanced in-situ enzymatic oxidation: A bioremediation strategy for oxidation of polycyclic aromatic hydrocarbons in contaminated soils and aquifers. Journal of Environmental Chemical Engineering, 2020, 8, 104013.	3.3	15
52	Elucidating the choice for a precise matrix for laccase immobilization: A review. Chemical Engineering Journal, 2020, 397, 125506.	6.6	108
53	Effect of different polymer molar mass on the phase behavior of carbon dioxideÂ+ dichloromethaneÂ+ Îµâ€'caprolactoneÂ+ poly(Îµâ€'caprolactone) system. Fluid Phase Equilibria, 2020, 521, 112687.	1.4	6
54	Immobilization of lipase Eversa Transform 2.0 on poly(ureaâ€"urethane) nanoparticles obtained using a biopolyol from enzymatic glycerolysis. Bioprocess and Biosystems Engineering, 2020, 43, 1279-1286.	1.7	15

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55	Enzymatic pretreatment and anaerobic co-digestion as a new technology to high-methane production. Applied Microbiology and Biotechnology, 2020, 104, 4235-4246.	1.7	25
56	Controlling the biodegradation rates of poly(globalide-co-Îµ-caprolactone) copolymers by post polymerization modification. Polymer Degradation and Stability, 2020, 179, 109287.	2.7	11
57	An overview and future prospects on aptamers for food safety. Applied Microbiology and Biotechnology, 2020, 104, 6929-6939.	1.7	38
58	Polyesters with main and side chain phosphoesters as structural motives for biocompatible electrospun fibres. Polymer Chemistry, 2020, 11, 2157-2165.	1.9	11
59	Mannosylerythritol lipids: antimicrobial and biomedical properties. Applied Microbiology and Biotechnology, 2020, 104, 2297-2318.	1.7	64
60	Enzymatic synthesis of benzyl benzoate using different acyl donors: Comparison of solvent-free reaction techniques. Process Biochemistry, 2020, 92, 261-268.	1.8	11
61	Kinetics Analysis of the Inhibitory Effects of Alpha-Glucosidase and Identification of Compounds from Ganoderma lipsiense Mycelium. Applied Biochemistry and Biotechnology, 2020, 191, 996-1009.	1.4	11
62	Non-isothermal kinetic modelling of potassium indigo-trisulfonate dye discolouration by Horseradish peroxidase. Biocatalysis and Biotransformation, 2020, 38, 385-391.	1.1	1
63	Xylooligosaccharides: Transforming the lignocellulosic biomasses into valuable 5-carbon sugar prebiotics. Process Biochemistry, 2020, 91, 352-363.	1.8	107
64	The use of oilfield gaseous byproducts as extractants of recalcitrant naphthenic acids from synthetic produced water. Separation and Purification Technology, 2020, 248, 117123.	3.9	18
65	Adsorption of natural annatto dye by kaolin: kinetic and equilibrium. Environmental Technology (United Kingdom), 2020, 41, 2648-2656.	1.2	7
66	Production of clove oil nanoemulsion with rapid and enhanced antimicrobial activity against gramâ€positive and gramâ€negative bacteria. Journal of Food Process Engineering, 2019, 42, e13209.	1.5	26
67	Epoxidation of (R)-(+)-Limonene to 1,2-Limonene Oxide Mediated by Low-Cost Immobilized Candida antarctica Lipase Fraction B. Industrial & Engineering Chemistry Research, 2019, 58, 13918-13925.	1.8	18
68	Biomining of iron-containing nanoparticles from coal tailings. Applied Microbiology and Biotechnology, 2019, 103, 7231-7240.	1.7	11
69	Benzyl propionate synthesis by fed-batch esterification using commercial immobilized and lyophilized Cal B lipase. Bioprocess and Biosystems Engineering, 2019, 42, 1625-1634.	1.7	9
70	Biobased Ester 2-(10-Undecenoyloxy)ethyl Methacrylate as an Asymmetrical Diene Monomer in Thiolâ€"Ene Polymerization. Industrial & Engineering Chemistry Research, 2019, 58, 21044-21055.	1.8	6
71	Biodegradation of BTEX compounds from petrochemical wastewater: Kinetic and toxicity. Journal of Water Process Engineering, 2019, 32, 100914.	2.6	14
72	Application of Different Methodologies to Produce Fatty Acid Esters Using the Waste Chicken Fat Catalyzed by Free NS 40116 Lipase. Industrial Biotechnology, 2019, 15, 293-302.	0.5	6

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73	Covalently Binding of Bovine Serum Albumin to Unsaturated Poly(Globalideâ€Coâ€ìµâ€Caprolactone) Nanoparticles by Thiolâ€Ene Reactions. Macromolecular Bioscience, 2019, 19, e1900145.	2.1	19
74	Crosslinking of Electrospun Fibres from Unsaturated Polyesters by Bis-Triazolinediones (TAD). Polymers, 2019, 11, 1808.	2.0	7
75	Encapsulation of clove oil in nanostructured lipid carriers from natural waxes: Preparation, characterization and in vitro evaluation of the cholinesterase enzymes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 583, 123879.	2.3	28
76	Biosynthesis of iron oxide nanoparticles from mineral coal tailings in a stirred tank reactor. Hydrometallurgy, 2019, 184, 199-205.	1.8	16
77	Enzymatic Synthesis of a Diene Ester Monomer Derived from Renewable Resource. Applied Biochemistry and Biotechnology, 2019, 189, 745-759.	1.4	2
78	Properties and Applications of Morinda citrifolia (Noni): A Review. Comprehensive Reviews in Food Science and Food Safety, 2019, 18, 883-909.	5.9	83
79	Kinetic identification of phenolic compounds and potential production of caffeic acid by Ganoderma lipsiense in solid-state fermentation. Bioprocess and Biosystems Engineering, 2019, 42, 1325-1332.	1.7	14
80	High Pressure Phase Equilibrium Data for the Ternary System Containing Carbon Dioxide, Dichloromethane, and ìµ-Caprolactone. Journal of Chemical & Engineering Data, 2019, 64, 2036-2044.	1.0	17
81	Driving Immobilized Lipases as Biocatalysts: 10 Years State of the Art and Future Prospects. Industrial & Engineering Chemistry Research, 2019, 58, 5358-5378.	1.8	97
82	Functionalized kaolin as support for endoglucanase immobilization. Bioprocess and Biosystems Engineering, 2019, 42, 1165-1173.	1.7	15
83	Antinociceptive and anti-inflammatory activities of Philodendron bipinnatifidum Schott ex Endl (Araceae). Journal of Ethnopharmacology, 2019, 236, 21-30.	2.0	20
84	Synthesis of eugenyl acetate through heterogeneous catalysis. Journal of Essential Oil Research, 2019, 31, 312-318.	1.3	11
85	Continuous production of eugenol esters using enzymatic packedâ€bed microreactors and an evaluation of the products as antifungal agents. Flavour and Fragrance Journal, 2019, 34, 201-210.	1.2	14
86	Production of cutinase by solid-state fermentation and its use as adjuvant in bioherbicide formulation. Bioprocess and Biosystems Engineering, 2019, 42, 829-838.	1.7	10
87	Immobilization of Lipase NS-40116 (Thermomyces lanuginosus) by Sol-Gel Technique Using Polyethyleneglycol as Additive. Industrial Biotechnology, 2019, 15, 35-40.	0.5	5
88	Evaluation of the stability of thighs and drumsticks boneless chicken under different conditions of industrial storage. Food Science and Technology, 2019, 39, 41-47.	0.8	0
89	Benzyl butyrate esterification mediated by immobilized lipases: Evaluation of batch and fed-batch reactors to overcome lipase-acid deactivation. Process Biochemistry, 2019, 78, 50-57.	1.8	24
90	Effect of magnetic field on the EversaÂ® Transform 2.0 enzyme: Enzymatic activity and structural conformation. International Journal of Biological Macromolecules, 2019, 122, 653-658.	3.6	38

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91	Synthesis of a green polyurethane foam from a biopolyol obtained by enzymatic glycerolysis and its use for immobilization of lipase NS-40116. Bioprocess and Biosystems Engineering, 2019, 42, 213-222.	1.7	22
92	Encapsulation of geranyl cinnamate in polycaprolactone nanoparticles. Materials Science and Engineering C, 2019, 97, 198-207.	3.8	38
93	Potential application of Thermomyces lanuginosus lipase (TLL) immobilized on nonporous polystyrene particles. Environmental Progress and Sustainable Energy, 2019, 38, 608-613.	1.3	17
94	N-acetylcysteine side-chain functionalization of poly(globalide-co-Îµ-caprolactone) through thiol-ene reaction. Materials Science and Engineering C, 2019, 94, 477-483.	3.8	18
95	PRODUCTION OF METHYL ESTERS BY ENZYMATIC HYDROESTERIFICATION OF CHICKEN FAT INDUSTRIAL RESIDUE. Brazilian Journal of Chemical Engineering, 2019, 36, 923-928.	0.7	21
96	Extraction and characterization of oil of the pacu residue (Piaractus mesopotamicus) using ultrasonic technology. Revista Ibero-americana De CiÃªncias Ambientais, 2019, 10, 154-160.	0.0	0
97	Rapid determination of the aromatic compounds methyl-anthranilate, 2â€²-aminoacetophenone and furaneol by GC-MS: Method validation and characterization of grape derivatives. Food Research International, 2018, 107, 613-618.	2.9	18
98	Solvent-Free Production of Ethylene Glycol Monostearate through Enzymatic Esterification. Industrial & Engineering Chemistry Research, 2018, 57, 6627-6632.	1.8	8
99	Improving reuse cycles of Thermomyces lanuginosus lipase (NS-40116) by immobilization in flexible polyurethane. Biocatalysis and Biotransformation, 2018, 36, 372-380.	1.1	25
100	Production of antimicrobial textiles by cotton fabric functionalization and pectinolytic enzyme immobilization. Materials Chemistry and Physics, 2018, 208, 28-34.	2.0	34
101	Biocatalysis of aromatic benzyl-propionate ester by different immobilized lipases. Bioprocess and Biosystems Engineering, 2018, 41, 585-591.	1.7	26
102	Heavy gas oil biodesulfurization using a lowâ€cost bacterial consortium. Journal of Chemical Technology and Biotechnology, 2018, 93, 2359-2363.	1.6	19
103	Midinfrared Spectroscopy and Partial Least-Squares Model as an Analytical Method for Biodiesel and Glycerol Monitoring. Industrial & Engineering Chemistry Research, 2018, 57, 990-996.	1.8	5
104	Production of FAME and FAEE via Alcoholysis of Sunflower Oil by Eversa Lipases Immobilized on Hydrophobic Supports. Applied Biochemistry and Biotechnology, 2018, 185, 705-716.	1.4	41
105	Co-immobilization of lipases and Î²- d -galactosidase onto magnetic nanoparticle supports: Biochemical characterization. Molecular Catalysis, 2018, 453, 12-21.	1.0	25
106	Polyester nanoparticles from macrolactones via miniemulsion enzymatic ring-opening polymerization. Colloid and Polymer Science, 2018, 296, 861-869.	1.0	12
107	Continuous enzymatic synthesis of polycaprolactone in packed bed reactor using pressurized fluids. Chemical Engineering Science, 2018, 175, 139-147.	1.9	13
108	Polyesters from Macrolactones Using Commercial Lipase NS 88011 and Novozym 435 as Biocatalysts. Applied Biochemistry and Biotechnology, 2018, 184, 659-672.	1.4	26

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109	Polyurethane Foams Based on Biopolyols from Castor Oil and Glycerol. Journal of Polymers and the Environment, 2018, 26, 2467-2475.	2.4	20
110	DEVELOPMENT OF ANTIOXIDANT POLY(THIOETHER-ESTER) NANOPARTICLES. Brazilian Journal of Chemical Engineering, 2018, 35, 691-698.	0.7	5
111	General Satisfaction in Chemical and Biological Engineering Courses: What Matters? : A studentsâ€™ perception study. , 2018, , .		1
112	Lipase NS40116 as catalyst for enzymatic transesterification of abdominal chicken fat as substrate. Bioresource Technology Reports, 2018, 4, 214-217.	1.5	15
113	Poly(urea-urethane) nanoparticles using mono- and diacylglycerol from glycerolysis of castor oil as biopolyol and stabilizer. European Polymer Journal, 2018, 108, 529-535.	2.6	11
114	CELLULASE IMMOBILIZATION ON POLY(METHYL METHACRYLATE) NANOPARTICLES BY MINIEMULSION POLYMERIZATION. Brazilian Journal of Chemical Engineering, 2018, 35, 649-658.	0.7	11
115	Use of encapsulated natural compounds as antimicrobial additives in food packaging: A brief review. Trends in Food Science and Technology, 2018, 81, 51-60.	7.8	143
116	Extraction of bioactive compounds from Philodendron bipinnatifidum Schott ex Endl and encapsulation in PHBV by SEDS technique. Industrial Crops and Products, 2018, 125, 65-71.	2.5	14
117	Enzymatically catalyzed degradation of poly (thioether-ester) nanoparticles. Polymer Degradation and Stability, 2018, 156, 211-217.	2.7	22
118	Enzymatic esterification for the synthesis of butyl stearate and ethyl stearate. Biocatalysis and Agricultural Biotechnology, 2018, 16, 373-377.	1.5	16
119	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. Food Chemistry, 2018, 269, 157-165.	4.2	76
120	Enzyme-catalyzed production of emollient cetostearyl stearate using different immobilized commercial lipases under vacuum system. Biocatalysis and Agricultural Biotechnology, 2018, 15, 229-234.	1.5	7
121	Study of a reactor model for enzymatic reactions in continuous mode coupled to an ultrasound bath for esters production. Bioprocess and Biosystems Engineering, 2018, 41, 1589-1597.	1.7	12
122	Effect of high pressure and magnetic field treatments on stability of Candida antarctica lipase B (CALB) and lysozyme from chicken egg. Catalysis Communications, 2018, 116, 43-47.	1.6	7
123	Ultrasound assisted miniemulsion polymerization to prepare poly(urea-urethane) nanoparticles. Polimeros, 2018, 28, 155-160.	0.2	4
124	OPTIMIZATION OF SOLVENT-FREE GERANYL BUTANOATE PRODUCTION USING NOVOZYME 435 AND HOMEMADE POLYURETHANE IMMOBILIZED NOVOZYME NZL-102-LYO-HQ AS CATALYSTS. Quimica Nova, 2018, , .	0.3	1
125	Synthesis of geranyl cinnamate by lipaseâ€catalyzed reaction and its evaluation as an antimicrobial agent. Journal of Chemical Technology and Biotechnology, 2017, 92, 115-121.	1.6	22
126	Study and application of an enzymatic pool in bioscouring of cotton knit fabric. Canadian Journal of Chemical Engineering, 2017, 95, 1253-1260.	0.9	9

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127	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.	4.2	140
128	Enzymatic ring opening polymerization of Ï‰â€Pentadecalactone in different solvents in a variableâ€volume view reactor. Journal of Polymer Science Part A, 2017, 55, 1219-1227.	2.5	17
129	Free and Ca-Alginate Beads Immobilized Horseradish Peroxidase for the Removal of Reactive Dyes: an Experimental and Modeling Study. Applied Biochemistry and Biotechnology, 2017, 182, 1290-1306.	1.4	20
130	Heavy gas oil biodesulfurization by Rhodococcus erythropolis ATCC 4277: optimized culture medium composition and evaluation of lowâ€cost alternative media. Journal of Chemical Technology and Biotechnology, 2017, 92, 2376-2382.	1.6	12
131	Enzymatic reuse of simulated dyeing process effluent using horseradish peroxidase. Canadian Journal of Chemical Engineering, 2017, 95, 1434-1441.	0.9	2
132	Synthesis of eugenyl acetate by immobilized lipase in a packed bed reactor and evaluation of its larvicidal activity. Process Biochemistry, 2017, 58, 114-119.	1.8	19
133	X-Ray Crystallography as a Tool to Determine Three-Dimensional Structures of Commercial Enzymes Subjected to Treatment in Pressurized Fluids. Applied Biochemistry and Biotechnology, 2017, 182, 429-451.	1.4	6
134	Bioscouring and bleaching of knitted cotton fabrics in oneâ€step process using enzymatically generated hydrogen peroxide. Canadian Journal of Chemical Engineering, 2017, 95, 2048-2055.	0.9	12
135	Optimal Production of a Rhodococcus erythropolis ATCC 4277 Biocatalyst for Biodesulfurization and Biodenitrogenation Applications. Applied Biochemistry and Biotechnology, 2017, 183, 1375-1389.	1.4	12
136	Chemical profiles of essential oils of marjoram (Origanum majorana) and oregano (Origanum vulgare) obtained by hydrodistillation and supercritical CO₂. Journal of Essential Oil Research, 2017, 29, 367-374.	1.3	20
137	A two-step enzymatic strategy to produce ethyl esters using frying oil as substrate. Industrial Crops and Products, 2017, 108, 52-55.	2.5	15
138	Cellulase immobilization on magnetic nanoparticles encapsulated in polymer nanospheres. Bioprocess and Biosystems Engineering, 2017, 40, 511-518.	1.7	48
139	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.	7.8	174
140	Effect of compressed fluids on the enzymatic activity and structure of lysozyme. Journal of Supercritical Fluids, 2017, 130, 125-132.	1.6	8
141	Second-generation ethanol from non-detoxified sugarcane hydrolysate by a rotting wood isolated yeast strain. Bioresource Technology, 2017, 244, 582-587.	4.8	45
142	Application of polyurethane foam chitosan-coated as a low-cost adsorbent in the effluent treatment. Journal of Water Process Engineering, 2017, 20, 201-206.	2.6	26
143	Poly(thioether-ester) nanoparticles entrapping clove oil for antioxidant activity improvement. Journal of Polymer Research, 2017, 24, 1.	1.2	14
144	Enzymatic ring opening copolymerization of globalide and Îµ-caprolactone under supercritical conditions. Journal of Supercritical Fluids, 2017, 128, 404-411.	1.6	20

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145	Aquatic toxicity and biodegradability of a surfactant produced byBacillus subtilisICA56. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 174-181.	0.9	33
146	Enzymatic synthesis of ascorbyl ester derived from linoleic acid. Bioprocess and Biosystems Engineering, 2017, 40, 265-270.	1.7	6
147	Comparison of macauba and soybean oils as substrates for the enzymatic biodiesel production in ultrasound-assisted system. Ultrasonics Sonochemistry, 2017, 35, 525-528.	3.8	25
148	Enzymatic ring opening polymerization of Ï‰-pentadecalactone using supercritical carbon dioxide. Journal of Supercritical Fluids, 2017, 119, 221-228.	1.6	41
149	Kinetic of orange pigment production from Monascus ruber on submerged fermentation. Bioprocess and Biosystems Engineering, 2017, 40, 115-121.	1.7	15
150	Removal of reactive blue 21 and reactive red 195 dyes using horseradish peroxidase as catalyst. Brazilian Journal of Chemical Engineering, 2017, 34, 701-707.	0.7	12
151	Effect of Partial and Total Replacement of Inorganic by Organic Microminerals Sources on the Quality of Broiler Carcasses. Brazilian Archives of Biology and Technology, 2017, 60, .	0.5	4
152	Toxicity of clove essential oil and its ester eugenyl acetate against Artemia salina. Brazilian Journal of Biology, 2017, 77, 155-161.	0.4	43
153	Immobilization of Moniliella spathulata R25L270 Lipase on Ionic, Hydrophobic and Covalent Supports: Functional Properties and Hydrolysis of Sardine Oil. Molecules, 2017, 22, 1508.	1.7	16
154	Lipase-catalyzed ethanolysis of Jatropha curcas L. oil assisted by ultrasonication. Brazilian Journal of Chemical Engineering, 2017, 34, 531-539.	0.7	3
155	Characterization of silver nanoparticles produced by biosynthesis mediated by Fusarium oxysporum under different processing conditions. Bioprocess and Biosystems Engineering, 2017, 40, 1291-1303.	1.7	15
156	Fungi as a source of natural coumarins production. Applied Microbiology and Biotechnology, 2016, 100, 6571-6584.	1.7	43
157	Immobilization of Candida antarctica Lipase B on Magnetic Poly(Urea-Urethane) Nanoparticles. Applied Biochemistry and Biotechnology, 2016, 180, 558-575.	1.4	22
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