

Helen Treichel

List of Publications by Year in descending order

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276
papers

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citations

101543
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55
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293
all docs

293
docs citations

293
times ranked

5461
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Microbial Lipases Production. Food and Bioprocess Technology, 2010, 3, 182-196.	4.7	381
2	Production and characterization of xantham gum by <i>Xanthomonas campestris</i> using cheese whey as sole carbon source. Journal of Food Engineering, 2009, 90, 119-123.	5.2	100
3	Optimization of inulinase production by solid-state fermentation using sugarcane bagasse as substrate. Enzyme and Microbial Technology, 2006, 39, 56-59.	3.2	96
4	Ultrasound-assisted lipase-catalyzed transesterification of soybean oil in organic solvent system. Ultrasonics Sonochemistry, 2012, 19, 452-458.	8.2	91
5	Continuous lipase-catalyzed production of fatty acid ethyl esters from soybean oil in compressed fluids. Bioresource Technology, 2009, 100, 5818-5826.	9.6	86
6	Response surface method to optimize the production and characterization of lipase from <i>Penicillium verrucosum</i> in solid-state fermentation. Bioprocess and Biosystems Engineering, 2008, 31, 119-125.	3.4	82
7	Effect of pretreatments on corn stalk chemical properties for biogas production purposes. Bioresource Technology, 2018, 266, 116-124.	9.6	80
8	Hydrothermal pretreatment of lignocellulosic biomass for hemicellulose recovery. Bioresource Technology, 2021, 342, 126033.	9.6	76
9	Isolation and Screening of Lipase-Producing Fungi with Hydrolytic Activity. Food and Bioprocess Technology, 2011, 4, 578-586.	4.7	75
10	Current advances in microalgae-based bioremediation and other technologies for emerging contaminants treatment. Science of the Total Environment, 2021, 772, 144918.	8.0	73
11	Xanthan gum production and rheological behavior using different strains of <i>Xanthomonas</i> sp.. Carbohydrate Polymers, 2009, 77, 65-71.	10.2	67
12	Kinetics of ultrasound-assisted enzymatic biodiesel production from Macauba coconut oil. Renewable Energy, 2015, 76, 388-393.	8.9	67
13	Lipase production by solid fermentation of soybean meal with different supplements. LWT - Food Science and Technology, 2010, 43, 1132-1137.	5.2	64
14	Bioethanol from <i>Spirulina platensis</i> biomass and the use of residuals to produce biomethane: An energy efficient approach. Bioresource Technology, 2019, 288, 121588.	9.6	64
15	Ultrasound irradiation promoted efficient solvent-free lipase-catalyzed production of mono- and diacylglycerols from olive oil. Ultrasonics Sonochemistry, 2011, 18, 981-987.	8.2	63
16	Screening, optimization and kinetics of <i>Jatropha curcas</i> oil transesterification with heterogeneous catalysts. Renewable Energy, 2011, 36, 726-731.	8.9	61
17	Remove of phosphorous and turbidity of swine wastewater using electrocoagulation under continuous flow. Separation and Purification Technology, 2016, 171, 112-117.	7.9	60
18	Antifungal Activity of Basil Essential Oil (<i>Ocimum basilicum</i> L.): Evaluation In Vitro and on an Italian-type Sausage Surface. Food and Bioprocess Technology, 2012, 5, 378-384.	4.7	57

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19	Enzymatic synthesis of fructooligosaccharides by inulinases from <i>Aspergillus niger</i> and <i>Kluyveromyces marxianus</i> NRRL Y-7571 in aqueous-organic medium. <i>Food Chemistry</i> , 2013, 138, 148-153.	8.2	56
20	Insecticidal and repellency activity of essential oil of <i>Eucalyptus</i> sp. against <i>Sitophilus zeamais</i> Motschulsky (Coleoptera, Curculionidae). <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 273-277.	3.5	53
21	Production of inulinase by solid-state fermentation: effect of process parameters on production and preliminary characterization of enzyme preparations. <i>Bioprocess and Biosystems Engineering</i> , 2007, 30, 297-304.	3.4	52
22	Optimization of lipase production by <i>Penicillium simplicissimum</i> in soybean meal. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 47-54.	3.2	51
23	Perfil da composiç~o qu~mica e atividades antibacteriana e antioxidante do ~leo essencial do cravo-da-~ndia (<i>Eugenia caryophyllata</i> Thunb.). <i>Revista Ceres</i> , 2010, 57, 589-594.	0.4	51
24	Antibacterial activity of basil essential oil (<i>Ocimum basilicum</i> L.) in Italian-type sausage. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2015, 10, 323-329.	1.4	48
25	Optimization of the Production of Total Carotenoids by <i>Sporidiobolus salmonicolor</i> (CBS 2636) Using Response Surface Technique. <i>Food and Bioprocess Technology</i> , 2009, 2, 415-421.	4.7	46
26	Qualitative lead extraction from recycled lead-acid batteries slag. <i>Journal of Hazardous Materials</i> , 2009, 172, 1677-1680.	12.4	45
27	Inulinase Production by Agro-Industrial Residues: Optimization of Pretreatment of Substrates and Production Medium. <i>Food and Bioprocess Technology</i> , 2009, 2, 409-414.	4.7	45
28	Second-generation ethanol from non-detoxified sugarcane hydrolysate by a rotting wood isolated yeast strain. <i>Bioresource Technology</i> , 2017, 244, 582-587.	9.6	45
29	Optimization of inulinase production by solid-state fermentation in a packed-bed bioreactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 109-114.	3.2	44
30	Cellulolytic enzyme production from agricultural residues for biofuel purpose on circular economy approach. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 677-685.	3.4	44
31	Assessment of Cell Disruption and Carotenoids Extraction from <i>Sporidiobolus salmonicolor</i> (CBS) Tj ETQq1 1 0.784314 rgBT /Overload	4.7	43
32	Enzymatic synthesis of ascorbyl palmitate in ultrasound-assisted system: Process optimization and kinetic evaluation. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 988-996.	8.2	43
33	Lipase-catalyzed production of fatty acid ethyl esters from soybean oil in compressed propane. <i>Journal of Supercritical Fluids</i> , 2008, 47, 49-53.	3.2	41
34	Effect of Treatment with Compressed Propane on Lipases Hydrolytic Activity. <i>Food and Bioprocess Technology</i> , 2010, 3, 511-520.	4.7	40
35	Optimization of mono and diacylglycerols production from enzymatic glycerolysis in solvent-free systems. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 805-812.	3.4	38
36	Xanthan gum produced by <i>Xanthomonas campestris</i> from cheese whey: production optimisation and rheological characterisation. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 2440-2445.	3.5	37

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37	Ethanol precipitation and ultrafiltration of inulinases from <i>Kluyveromyces marxianus</i> . Separation and Purification Technology, 2011, 78, 261-265.	7.9	37
38	Production of biofuels from soybean straw and hull hydrolysates obtained by subcritical water hydrolysis. Bioresource Technology, 2021, 328, 124837.	9.6	37
39	Study of the Extraction, Concentration, and Partial Characterization of Lipases Obtained from <i>Penicillium verrucosum</i> using Solid-State Fermentation of Soybean Bran. Food and Bioprocess Technology, 2010, 3, 537-544.	4.7	36
40	Evaluation of enzymatic activity of commercial inulinase from <i>Aspergillus niger</i> immobilized in polyurethane foam. Food and Bioprocess Technology, 2013, 91, 54-59.	3.6	36
41	Acid treatments of montmorillonite-rich clay for Fe removal using a factorial design method. Materials Research, 2013, 16, 1122-1127.	1.3	36
42	Technical viability of the production, partial purification and characterisation of inulinase using pretreated agroindustrial residues. Bioprocess and Biosystems Engineering, 2009, 32, 425-433.	3.4	35
43	Effect of compressed fluids treatment on the activity, stability and enzymatic reaction performance of β -galactosidase. Food Chemistry, 2011, 125, 1235-1240.	8.2	35
44	Production, purification and characterization of alkaline protease by ascidian associated <i>Bacillus subtilis</i> GA CAS8 using agricultural wastes. Biocatalysis and Agricultural Biotechnology, 2015, 4, 214-220.	3.1	35
45	Subcritical water hydrolysis of soybean residues for obtaining fermentable sugars. Journal of Supercritical Fluids, 2021, 167, 105043.	3.2	35
46	Produção de carotenoides: microrganismos como fonte de pigmentos naturais. Quimica Nova, 2009, 32, .	0.3	33
47	Kinetics of inulinase production by solid-state fermentation in a packed-bed bioreactor. Food Chemistry, 2010, 120, 163-173.	8.2	33
48	Evaluation of production and characterization of polygalacturonase by <i>Aspergillus niger</i> ATCC 9642. Food and Bioprocess Technology, 2011, 89, 281-287.	3.6	33
49	Enzymatic Synthesis of Ascorbyl Palmitate in Organic Solvents: Process Optimization and Kinetic Evaluation. Food and Bioprocess Technology, 2012, 5, 1068-1076.	4.7	33
50	Porous materials obtained by acid treatment processing followed by pillaring of montmorillonite clays. Applied Clay Science, 2013, 85, 46-52.	5.2	33
51	A review on alternative bioprocesses for removal of emerging contaminants. Bioprocess and Biosystems Engineering, 2020, 43, 2117-2129.	3.4	33
52	Development of fermented beverage with water kefir in water-soluble coconut extract (Cocos) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	3.2	33
53	Inulinase Production by <i>Kluyveromyces marxianus</i> NRRL Y-7571 Using Solid State Fermentation. Applied Biochemistry and Biotechnology, 2006, 132, 951-958.	2.9	31
54	Study of the bio-production of carotenoids by <i>Sporidiobolus salmonicolor</i> (CBS 2636) using pretreated agroindustrial substrates. Journal of Chemical Technology and Biotechnology, 2008, 83, 1267-1274.	3.2	31

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55	Production of geranyl propionate by enzymatic esterification of geraniol and propionic acid in solvent-free system. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1636-1641.	3.2	31
56	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
57	Lipase-catalyzed production of monoglycerides in compressed propane and AOT surfactant. <i>Journal of Supercritical Fluids</i> , 2008, 47, 64-69.	3.2	30
58	Screening of microorganisms for bioconversion of (S)- α -pinene and R-(+)-limonene to α -terpineol. <i>LWT - Food Science and Technology</i> , 2010, 43, 1128-1131.	5.2	30
59	Enzyme-catalyzed production of biodiesel by ultrasound-assisted ethanolysis of soybean oil in solvent-free system. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 437-448.	3.4	29
60	Application of home-made lipase in the production of geranyl propionate by esterification of geraniol and propionic acid in solvent-free system. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 44-48.	3.1	29
61	Biotechnological potential of microbial inulinases: Recent perspective. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 3818-3829.	10.3	29
62	Saccharification of <i>Spirulina platensis</i> biomass using free and immobilized amylolytic enzymes. <i>Bioresource Technology</i> , 2018, 263, 163-171.	9.6	29
63	Integrated biorefineries, circular bio-economy, and valorization of organic waste streams with respect to bio-products. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 565-565.	4.6	28
64	Extraction of Inulinase Obtained by Solid State Fermentation of Sugarcane Bagasse by <i>Kluyveromyces marxianus</i> NRRL Y-7571. <i>Applied Biochemistry and Biotechnology</i> , 2008, 149, 195-203.	2.9	27
65	Partial characterization of lipases produced by a newly isolated <i>Penicillium</i> sp. in solid state and submerged fermentation: A comparative study. <i>LWT - Food Science and Technology</i> , 2009, 42, 1557-1560.	5.2	27
66	Assessment of process variables on 2-ethylhexyl palmitate production using Novozym 435 as catalyst in a solvent-free system. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 331-337.	3.4	27
67	Use of a sequential strategy of experimental design to optimize the inulinase production in a batch bioreactor. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009, 36, 895-900.	3.0	26
68	Evaluation of Acid Activation under the Adsorption Capacity of Double Layered Hydroxides of Mg-Al-CO ₃ Type for Fluoride Removal from Aqueous Medium. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 6871-6876.	3.7	26
69	Operation of a fixed-bed bioreactor in batch and fed-batch modes for production of inulinase by solid-state fermentation. <i>Biochemical Engineering Journal</i> , 2011, 58-59, 39-49.	3.6	26
70	Solvent-free geranyl oleate production by enzymatic esterification. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 323-329.	3.4	26
71	Evaluation of deammonification reactor performance and microorganisms community during treatment of digestate from swine sludge CSTR biodigester. <i>Journal of Environmental Management</i> , 2019, 246, 19-26.	7.8	26
72	Bioactive Compounds from Mangrove Endophytic Fungus and Their Uses for Microorganism Control. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 455.	3.5	26

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73	Enzymatic production of mono- and diglycerides in compressed n-butane and AOT surfactant. Journal of Supercritical Fluids, 2009, 49, 216-220.	3.2	25
74	Carotenoids production from a newly isolated <i>Sporidiobolus pararoseus</i> strain by submerged fermentation. European Food Research and Technology, 2011, 233, 159-166.	3.3	25
75	Assessment of two immobilized lipases activity and stability to low temperatures in organic solvents under ultrasound-assisted irradiation. Bioprocess and Biosystems Engineering, 2012, 35, 351-358.	3.4	25
76	Advances in Solid-State Fermentation. , 2018, , 1-17.		25
77	New perspectives for weeds control using autochthonous fungi with selective bioherbicide potential. Heliyon, 2019, 5, e01676.	3.2	25
78	Comparison of Two Lipases in the Hydrolysis of Oil and Grease in Wastewater of the Swine Meat Industry. Industrial & Engineering Chemistry Research, 2008, 47, 1760-1765.	3.7	24
79	Inulinase production in a batch bioreactor using agroindustrial residues as the substrate: experimental data and modeling. Bioprocess and Biosystems Engineering, 2009, 32, 85-95.	3.4	24
80	Kinetics of lipase-catalyzed synthesis of soybean fatty acid ethyl esters in pressurized propane. Journal of Biotechnology, 2010, 147, 108-115.	3.8	24
81	Ultrasound-assisted enzymatic transesterification of methyl benzoate and glycerol to 1-glyceryl benzoate in organic solvent. Enzyme and Microbial Technology, 2011, 48, 169-174.	3.2	24
82	Production and partial characterization of multifunctional lipases by <i>Sporobolomyces ruberrimus</i> using soybean meal, rice meal and sugarcane bagasse as substrates. Biocatalysis and Agricultural Biotechnology, 2012, 1, 243-252.	3.1	24
83	Production and purification of amylolytic enzymes for saccharification of microalgal biomass. Bioresource Technology, 2017, 225, 134-141.	9.6	24
84	<i>Ilex paraguariensis</i> : Potential antioxidant on aluminium toxicity, in an experimental model of Alzheimer's disease. Journal of Inorganic Biochemistry, 2018, 181, 104-110.	3.5	24
85	Kinetics of Solvent-Free Lipase-Catalyzed Production of Monoacylglycerols from Olive Oil in Aerosol-OT Surfactant. Industrial & Engineering Chemistry Research, 2009, 48, 708-712.	3.7	23
86	Optimization of Extraction of Lipase from Wheat Seeds (<i>Triticum aestivum</i>) by Response Surface Methodology. Journal of Agricultural and Food Chemistry, 2009, 57, 9716-9721.	5.2	23
87	Immobilization of inulinase from <i>Kluyveromyces marxianus</i> NRRL Y-7571 using modified sodium alginate beads. Bioprocess and Biosystems Engineering, 2012, 35, 383-388.	3.4	23
88	Ultrasound-assisted hydrolysis of waste cooking oil catalyzed by homemade lipases. Ultrasonics Sonochemistry, 2017, 35, 313-318.	8.2	23
89	Extração, secagem por atomização e microencapsulamento de antocianinas do bagaço da uva "Isabel" (<i>Vitis labrusca</i>). Ciência E Agrotecnologia, 2008, 32, 1568-1574.	1.5	22
90	Assessment of process parameters on the production of diglycerides rich in omega-3 fatty acids through the enzymatic glycerolysis of fish oil. European Food Research and Technology, 2010, 231, 701-710.	3.3	22

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91	A Systematic Study on Extraction of Lipase Obtained by Solid-State Fermentation of Soybean Meal by a Newly Isolated Strain of <i>Penicillium</i> sp. <i>Food and Bioprocess Technology</i> , 2010, 3, 461-465.	4.7	22
92	Isolation and Screening of Microorganisms for R-(+)-Limonene and (S)- β -Pinene Biotransformation. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 719-732.	2.9	22
93	Esterification activities of non-commercial lipases after pre-treatment in pressurized propane. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 839-844.	3.2	22
94	Mathematical modeling of thin-layer drying of fermented and non-fermented sugarcane bagasse. <i>Biomass and Bioenergy</i> , 2010, 34, 780-786.	5.7	22
95	Effect of compressed fluids treatment on the activity of inulinase from <i>Kluyveromyces marxianus</i> NRRL Y-7571 immobilized in montmorillonite. <i>Process Biochemistry</i> , 2011, 46, 2286-2290.	3.7	22
96	Poultry Litter Solid State Anaerobic Digestion: Effect of Digestate Recirculation Intervals and Substrate/Inoculum Ratios on Process Efficiency. <i>Frontiers in Sustainable Food Systems</i> , 2018, 2, .	3.9	22
97	Evaluation of enzymatic treatment of peach juice using response surface methodology. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 507-512.	3.5	21
98	Characterization of a commercial cellulase for hydrolysis of agroindustrial substrates. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1229-1237.	3.4	21
99	Comparison Between Systems for Synthesis of Fructooligosaccharides from Sucrose Using Free Inulinase from <i>Kluyveromyces marxianus</i> NRRL Y-7571. <i>Food and Bioprocess Technology</i> , 2012, 5, 331-337.	4.7	21
100	Synthesis of Fructooligosaccharides from <i>Aspergillus niger</i> Commercial Inulinase Immobilized in Montmorillonite Pretreated in Pressurized Propane and LPG. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 750-760.	2.9	21
101	Non-Toxic Bioherbicides Obtained from <i>Trichoderma koningiopsis</i> Can Be Applied to the Control of Weeds in Agriculture Crops. <i>Industrial Biotechnology</i> , 2018, 14, 157-163.	0.8	21
102	Production and partial characterization of lipase from <i>Penicillium verrucosum</i> obtained by submerged fermentation of conventional and industrial media. <i>Food Science and Technology</i> , 2008, 28, 444-450.	1.7	20
103	Inulinase bio-production using agroindustrial residues: screening of microorganisms and process parameters optimization. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1056-1062.	3.2	20
104	Optimization of 1-glyceryl benzoate production by enzymatic transesterification in organic solvents. <i>Enzyme and Microbial Technology</i> , 2010, 46, 107-112.	3.2	20
105	Solvent-Free Production of Bioflavors by Enzymatic Esterification of Citronella (<i>Cymbopogon</i>) TJ ETQq1 1 0.784314 rgBT / Overlock 10 T	2.9	20
106	Applications of smart grid technology in Nepal: status, challenges, and opportunities. <i>Environmental Science and Pollution Research</i> , 2023, 30, 25452-25476.	5.3	20
107	Partial Characterization of Inulinases Obtained by Submerged and Solid-State Fermentation Using Agroindustrial Residues as Substrates: A Comparative Study. <i>Applied Biochemistry and Biotechnology</i> , 2010, 160, 682-693.	2.9	19
108	Production of multifunctional lipases by <i>Penicillium verrucosum</i> and <i>Penicillium brevicompactum</i> under solid state fermentation of babassu cake and castor meal. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 145-152.	3.4	19

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109	Assessment of Different Packaging Structures in the Stability of Frozen Fresh Brazilian Toscana Sausage. Food and Bioprocess Technology, 2011, 4, 481-485.	4.7	19
110	Separation of soybean oil/n-hexane and soybean oil/n-butane mixtures using ceramic membranes. Food Research International, 2014, 63, 33-41.	6.2	19
111	Phycoremediation and biomass production from high strong swine wastewater for biogas generation improvement: An integrated bioprocess. Bioresource Technology, 2021, 332, 125111.	9.6	19
112	Enzymatic production of linalool esters in organic and solvent-free system. Bioprocess and Biosystems Engineering, 2010, 33, 583-589.	3.4	18
113	Microbial Oxidation of (-)- α -pinene to Verbenol Production by Newly Isolated Strains. Applied Biochemistry and Biotechnology, 2010, 162, 2221-2231.	2.9	18
114	Atividade antimicrobiana e antioxidante do α -leo essencial de ho-sho (Cinnamomum camphora Ness e) Tj ETQq0 0 0,rgBT /Overlock 10	1.7	18
115	Optimization of α -Terpineol Production by the Biotransformation of R-(+)-Limonene and (α)- β -Pinene. Applied Biochemistry and Biotechnology, 2011, 164, 514-523.	2.9	18
116	Evaluation of Bioethanol Production from a Mixed Fruit Waste by Wickerhamomyces sp. UFFS-CE-3.1.2. Bioenergy Research, 2022, 15, 175-182.	3.9	18
117	Pr α -tratamentos de mela α o de cana-de-a α α car e α igua de macera α α o de milho para a bioprodu α α o de caroten α ides. Quimica Nova, 2007, 30, 1860-1866.	0.3	17
118	Kinetic and Stoichiometric Parameters in the Production of Carotenoids by Sporidiobolus salmonicolor (CBS 2636) in Synthetic and Agroindustrial Media. Applied Biochemistry and Biotechnology, 2009, 157, 61-69.	2.9	17
119	Evaluation of aeration and substrate concentration on the production of carotenoids by Sporidiobolus salmonicolor (CBS 2636) in bioreactor. European Food Research and Technology, 2011, 232, 453-462.	3.3	17
120	Cultivation of Microalgae in Media Added of Emergent Pollutants and Effect on Growth, Chemical Composition, and Use of Biomass to Enzymatic Hydrolysis. Bioenergy Research, 2021, 14, 265-277.	3.9	17
121	Lipase-catalyzed synthesis of poly(ϵ -caprolactone) in supercritical carbon dioxide. Biocatalysis and Agricultural Biotechnology, 2012, 1, 280-283.	3.1	16
122	Essential oil of Ocotea odorifera: An alternative against Sitophilus zeamais. Renewable Agriculture and Food Systems, 2014, 29, 161-166.	1.8	16
123	Concentration, characterization and application of lipases from Sporidiobolus pararoseus strain. Brazilian Journal of Microbiology, 2014, 45, 294-301.	2.0	16
124	Ultrasound Technology Applied to Enhance Enzymatic Hydrolysis of Brewer α ™s Spent Grain and its Potential for Production of Fermentable Sugars. Waste and Biomass Valorization, 2019, 10, 2157-2164.	3.4	16
125	17- α -Ethinylestradiol modulates endocrine and behavioral responses to stress in zebrafish. Environmental Science and Pollution Research, 2020, 27, 29341-29351.	5.3	16
126	ORIGINAL RESEARCH: Improved lipase biosynthesis by a newly isolated <i>Penicillium</i> sp. grown on agricultural wastes. Industrial Biotechnology, 2009, 5, 119-126.	0.8	15

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127	Influence of different sanitizers on food contaminant bacteria: effect of exposure temperature, contact time, and product concentration. Food Science and Technology, 2012, 32, 228-232.	1.7	15
128	Continuous lipase-catalyzed esterification of soybean fatty acids under ultrasound irradiation. Bioprocess and Biosystems Engineering, 2014, 37, 841-847.	3.4	15
129	Enzymatic hydrolysis of non-treated sugarcane bagasse using pressurized liquefied petroleum gas with and without ultrasound assistance. Renewable Energy, 2015, 83, 674-679.	8.9	15
130	<i>Rhizopus oryzae</i> Cellulases: A New Approach to Degrading Lignocellulosic Material. Journal of Food Biochemistry, 2015, 39, 129-138.	2.9	15
131	Pretreatment of lignocellulosic biomass using ultrasound aiming at obtaining fermentable sugar. Biocatalysis and Biotransformation, 2017, 35, 161-167.	2.0	15
132	Solid-State Fermentation for the Production of Biosurfactants and Their Applications. , 2018, , 357-372.		15
133	Assessment of variable effects on solvent-free monoacylglycerol enzymatic production in AOT surfactant. European Journal of Lipid Science and Technology, 2008, 110, 510-515.	1.5	14
134	Production and partial characterization of lipases from a newly isolated <i>Penicillium</i> sp. using experimental design. Letters in Applied Microbiology, 2009, 49, 60-66.	2.2	14
135	Mathematical modeling of <i>Kluyveromyces marxianus</i> growth in solid-state fermentation using a packed-bed bioreactor. Journal of Industrial Microbiology and Biotechnology, 2010, 37, 391-400.	3.0	14
136	Optimization of 2-ethylhexyl Palmitate Production Using Lipozyme RM IM as Catalyst in a Solvent-Free System. Applied Biochemistry and Biotechnology, 2010, 160, 2498-2508.	2.9	14
137	Treatment with compressed liquefied petroleum gas and ultrasound to improve cellulase activity. Biocatalysis and Agricultural Biotechnology, 2013, 2, 102-107.	3.1	14
138	Advanced oxidation processes applied for color removal of textile effluent using a home-made peroxidase from rice bran. Bioprocess and Biosystems Engineering, 2020, 43, 261-272.	3.4	14
139	Experimental data and modelling of 2G ethanol production by <i>Wickerhamomyces</i> sp. UFFS-CE-3.1.2. Renewable Energy, 2020, 145, 2445-2450.	8.9	14
140	<i>Fusarium oxysporum</i> and <i>Aspergillus</i> sp. as Keratinase Producers Using Swine Hair From Agroindustrial Residues. Frontiers in Bioengineering and Biotechnology, 2020, 8, 71.	4.1	14
141	Uses of Bacteriophages as Bacterial Control Tools and Environmental Safety Indicators. Frontiers in Microbiology, 2021, 12, 793135.	3.5	14
142	Response Surface Methodology for Optimization of Lipase Production by an Immobilized Newly Isolated <i>Penicillium</i> sp.. Industrial & Engineering Chemistry Research, 2008, 47, 9651-9657.	3.7	13
143	Assessment of hydrolysis of cheese whey and use of hydrolysate for bioproduction of carotenoids by <i>Sporidiobolus salmonicolor</i> CBS 2636. Journal of the Science of Food and Agriculture, 2009, 89, 1060-1065.	3.5	13
144	The effects of acute administration of the hydroalcoholic extract of rosemary (<i>Rosmarinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (2012, 48, 389-397.	1.2	13

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145	Liquefied petroleum gas as solvent medium for the treatment of immobilized inulinases. Journal of Chemical Technology and Biotechnology, 2013, 88, 280-286.	3.2	13
146	Efficient and low-cost alternative of lipase concentration aiming at the application in the treatment of waste cooking oils. Bioprocess and Biosystems Engineering, 2018, 41, 851-857.	3.4	13
147	Household-based biodigesters promote reduction of enteric virus and bacteria in vulnerable and poverty rural area. Environmental Pollution, 2019, 252, 8-13.	7.5	13
148	Current production of bioherbicides: mechanisms of action and technical and scientific challenges to improve food and environmental security. Biocatalysis and Biotransformation, 2021, 39, 346-359.	2.0	13
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