

Maria de Lourdes Polizeli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

3,911
citations

30
h-index

56
g-index

162
ext. papers

4,343
ext. citations

4
avg, IF

5.24
L-index

#	Paper	IF	Citations
158	Biochemical characterization and biological properties of mycelium extracts from <i>Lepista sordida</i> GMA-05 and <i>Trametes hirsuta</i> GMA-01: new mushroom strains isolated in Brazil.. <i>Brazilian Journal of Microbiology</i> , 2022 , 53, 349	2.2	0
157	Effects of Ultraviolet Exposure on the Tropical Fungi <i>Aspergillus carbonarius</i> and <i>Aspergillus japonicus</i> : Survival, Amylase Production, and Thermostability. <i>Tropical Conservation Science</i> , 2022 , 15, 194008292210926	1.4	
156	Challenges of Biomass Utilization for Bioenergy in a Climate Change Scenario.. <i>Biology</i> , 2021 , 10,	4.9	3
155	Prospection of Fungal Lignocellulolytic Enzymes Produced from Jatoba () and Tamarind () Seeds: Scaling for Bioreactor and Saccharification Profile of Sugarcane Bagasse. <i>Microorganisms</i> , 2021 , 9,	4.9	6
154	Perspectives on Expanding the Repertoire of Novel Microbial Chitinases for Biological Control. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 3284-3288	5.7	1
153	Increased α -glucosidase production and its application in agroindustrial residue hydrolysis: A research based on experimental designs. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021 , 30, e00818	5.3	4
152	Screening and cocktail optimization using experimental mixture design: enzymatic saccharification as a biological pretreatment strategy. <i>Biofuels, Bioproducts and Biorefining</i> , 2021 , 15, 1447-1460	5.3	4
151	Immobilization studies of a pectinase produced by <i>Aspergillus terreus</i> . <i>Biotechnology and Applied Biochemistry</i> , 2021 , 68, 197-208	2.8	1
150	Characterisation of free and immobilised laccases from <i>Ganoderma lucidum</i> : application on bisphenol a degradation. <i>Biocatalysis and Biotransformation</i> , 2021 , 39, 71-80	2.5	5
149	The profile secretion of <i>Aspergillus clavatus</i> : Different pre-treatments of sugarcane bagasse distinctly induces holocellulases for the lignocellulosic biomass conversion into sugar. <i>Renewable Energy</i> , 2021 , 165, 748-757	8.1	7
148	Saccharification of different sugarcane bagasse varieties by enzymatic cocktails produced by <i>Mycothermus thermophilus</i> and <i>Trichoderma reesei</i> RP698 cultures in agro-industrial residues. <i>Energy</i> , 2021 , 226, 120360	7.9	2
147	Enzymatic Pretreatment with Laccases from <i>Aspergillus terreus</i> Induces Structural Modification in Lignin and Enhances the Digestibility of Tropical Forage Grass () Grown under Future Climate Conditions. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
146	Structural model and functional properties of an exo-polygalacturonase from <i>Neosartorya glabra</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 186, 909-918	7.9	0
145	Structural and compositional changes induced by hydrothermal and organosolv pretreatments impacts enzymatic hydrolysis of a tropical forage grass grown under future climate conditions. <i>Industrial Crops and Products</i> , 2021 , 171, 113937	5.9	1
144	Environmental parameters affecting the anaerobic microbial community 2021 , 219-252		1
143	Effect of enzymatic pretreatment of sugarcane bagasse with recombinant hemicellulases and esterase prior to the application of the cellobiohydrolase CBH I Megazyme [®] . <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	4
142	Sunflower stalk as a carbon source inductive for fungal xylanase production. <i>Industrial Crops and Products</i> , 2020 , 153, 112368	5.9	11

141	Cold-Active Lytic Enzymes and Their Applicability in the Biocontrol of Postharvest Fungal Pathogens. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 6461-6463	5.7	1
140	Fungal communities differentially respond to warming and drought in tropical grassland soil. <i>Molecular Ecology</i> , 2020 , 29, 1550-1559	5.7	17
139	Potential biodiesel production from Brazilian plant oils and spent coffee grounds by <i>Beauveria bassiana</i> lipase 1 expressed in <i>Aspergillus nidulans</i> A773 using different agroindustry inputs. <i>Journal of Cleaner Production</i> , 2020 , 256, 120513	10.3	8
138	A Halotolerant Endo-1,4- β -Xylanase from <i>Aspergillus clavatus</i> with Potential Application for Agroindustrial Residues Saccharification. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 191, 1111-1126	3.2	10
137	A Highly Glucose Tolerant β -Glucosidase from <i>Malbranchea pulchella</i> (MpBg3) Enables Cellulose Saccharification. <i>Scientific Reports</i> , 2020 , 10, 6998	4.9	11
136	<i>Trametes versicolor</i> laccase production using agricultural wastes: a comparative study in Erlenmeyer flasks, bioreactor and tray. <i>Bioprocess and Biosystems Engineering</i> , 2020 , 43, 507-514	3.7	22
135	Nanocellulose Production: Exploring the Enzymatic Route and Residues of Pulp and Paper Industry. <i>Molecules</i> , 2020 , 25,	4.8	60
134	Novel amylase-producing fungus hydrolyzing wheat and brewing residues, <i>Aspergillus carbonarius</i> , discovered in tropical forest remnant. <i>Folia Microbiologica</i> , 2020 , 65, 173-184	2.8	14
133	Efficient hydrolysis of wine and grape juice anthocyanins by <i>Malbranchea pulchella</i> β -glucosidase immobilized on MANAE-agarose and ConA-Sepharose supports. <i>International Journal of Biological Macromolecules</i> , 2019 , 136, 1133-1141	7.9	10
132	Fungal Lipases: Versatile Tools for White Biotechnology. <i>Fungal Biology</i> , 2019 , 361-404	2.3	1
131	Bioinspired architecture of a hybrid bifunctional enzymatic/organic electrocatalyst for complete ethanol oxidation. <i>Bioelectrochemistry</i> , 2019 , 130, 107331	5.6	11
130	Perspectives on Exploring Denitrifying Fungi as a Model To Evaluate Nitrous Oxide Production and Reduce Emissions from Agricultural Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 12153-12154	5.7	2
129	Matrix Discriminant Analysis Evidenced Surface-Lithium as an Important Factor to Increase the Hydrolytic Saccharification of Sugarcane Bagasse. <i>Molecules</i> , 2019 , 24,	4.8	1
128	Fungal Community Ecology Using MALDI-TOF MS Demands Curated Mass Spectral Databases. <i>Frontiers in Microbiology</i> , 2019 , 10, 315	5.7	9
127	A highly reusable MANAE-agarose-immobilized <i>Pleurotus ostreatus</i> laccase for degradation of bisphenol A. <i>Science of the Total Environment</i> , 2018 , 634, 1346-1351	10.2	60
126	Mixture design of starchy substrates hydrolysis by an immobilized glucoamylase from <i>Aspergillus brasiliensis</i> . <i>Biocatalysis and Biotransformation</i> , 2018 , 36, 389-395	2.5	6
125	Multi-step approach to add value to corncob: Production of biomass-degrading enzymes, lignin and fermentable sugars. <i>Bioresource Technology</i> , 2018 , 247, 582-590	11	37
124	Production of Omegas-6 and 9 from the Hydrolysis of <i>Albizia</i> and <i>Buriti</i> Oils by Lipase Immobilized on a Hydrophobic Support. <i>Molecules</i> , 2018 , 23,	4.8	9

123	Prospecting of soybean hulls as an inducer carbon source for the cellulase production. <i>Preparative Biochemistry and Biotechnology</i> , 2018 , 48, 743-749	2.4	6
122	Purification and functional properties of a novel glucoamylase activated by manganese and lead produced by <i>Aspergillus japonicus</i> . <i>International Journal of Biological Macromolecules</i> , 2017 , 102, 779-788	7.9	24
121	Immobilized endo-xylanase of <i>Aspergillus tamaris</i> Kita: an interesting biological tool for production of xylooligosaccharides at high temperatures. <i>Process Biochemistry</i> , 2017 , 53, 145-152	4.8	18
120	Enzymes Involved in the Biodegradation of Sugarcane Biomass: Challenges and Perspectives 2017 , 55-79		5
119	Bioprospection and characterization of the amylolytic activity by filamentous fungi from Brazilian Atlantic Forest. <i>Biota Neotropica</i> , 2017 , 17,		10
118	<i>Neosartorya glabra</i> polygalacturonase produced from fruit peels as inducers has the potential for application in passion fruit and apple juices. <i>Brazilian Journal of Food Technology</i> , 2017 , 20,	1.5	5
117	Prospecting fungal ligninases using corncob lignocellulosic fractions. <i>Cellulose</i> , 2017 , 24, 4355-4365	5.5	16
116	Different Covalent Immobilizations Modulate Lipase Activities of <i>Hypocrea pseudokoningii</i> . <i>Molecules</i> , 2017 , 22,	4.8	5
115	Effect of phenolic compounds from pretreated sugarcane bagasse on cellulolytic and hemicellulolytic activities. <i>Bioresource Technology</i> , 2016 , 199, 275-278	11	70
114	The functional properties of a xyloglucanase (GH12) of <i>Aspergillus terreus</i> expressed in <i>Aspergillus nidulans</i> may increase performance of biomass degradation. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 9133-9144	5.7	14
113	Characterization of multiple xylanase forms from <i>Aspergillus tamaris</i> resistant to phenolic compounds. <i>Mycosphere</i> , 2016 , 7, 1554-1567	10.9	7
112	Biochemical Characterization, Thermal Stability, and Partial Sequence of a Novel Exo-Polygalacturonase from the Thermophilic Fungus A13.36 Obtained by Submerged Cultivation. <i>BioMed Research International</i> , 2016 , 2016, 8653583	3	8
111	Co-cultivation of <i>Aspergillus nidulans</i> Recombinant Strains Produces an Enzymatic Cocktail as Alternative to Alkaline Sugarcane Bagasse Pretreatment. <i>Frontiers in Microbiology</i> , 2016 , 7, 583	5.7	19
110	Biochemical effect of a histidine phosphatase acid (phytase) of <i>Aspergillus japonicus</i> var. Saito on performance and bony characteristics of broiler. <i>SpringerPlus</i> , 2016 , 5, 1418		1
109	Increased biomass saccharification by supplementation of a commercial enzyme cocktail with endo-arabinanase from <i>Bacillus licheniformis</i> . <i>Biotechnology Letters</i> , 2015 , 37, 1455-62	3	6
108	Starch Biocatalyst Based on γ -Amylase-Mg/Al-Layered Double Hydroxide Nanohybrids. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 18832-42	9.5	12
107	Stabilization of the lipase of <i>Hypocrea pseudokoningii</i> by multipoint covalent immobilization after chemical modification and application of the biocatalyst in oil hydrolysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015 , 121, 82-89		20
106	Production of cellulase-free xylanase by <i>Aspergillus flavus</i> : Effect of polyols on the thermostability and its application on cellulose pulp biobleaching. <i>African Journal of Biotechnology</i> , 2015 , 14, 3368-3373	0.6	7

105	Partial Purification and Characterization of a Thermostable α -Mannanase from <i>Aspergillus foetidus</i> . <i>Applied Sciences (Switzerland)</i> , 2015 , 5, 881-893	2.6	8
104	<i>Beauveria bassiana</i> Lipase A expressed in <i>Komagataella (Pichia) pastoris</i> with potential for biodiesel catalysis. <i>Frontiers in Microbiology</i> , 2015 , 6, 1083	5.7	14
103	Characterization of a novel <i>Aspergillus niger</i> beta-glucosidase tolerant to saccharification of lignocellulosic biomass products and fermentation inhibitors. <i>Chemical Papers</i> , 2015 , 69,	1.9	12
102	Immobilized lipase from <i>Hypocrea pseudokoningii</i> on hydrophobic and ionic supports: Determination of thermal and organic solvent stabilities for applications in the oleochemical industry. <i>Process Biochemistry</i> , 2015 , 50, 561-570	4.8	20
101	Enhanced xyloglucan-specific endo- β -1,4-glucanase efficiency in an engineered CBM44-XegA chimera. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 5095-107	5.7	22
100	Cellulose from Lignocellulosic Waste 2015 , 475-511		15
99	Immobilization and high stability of an extracellular β -glucosidase from <i>Aspergillus japonicus</i> by ionic interactions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 104, 95-100		20
98	Biological pretreatment of <i>Eucalyptus grandis</i> sawdust with white-rot fungi: Study of degradation patterns and saccharification kinetics. <i>Chemical Engineering Journal</i> , 2014 , 258, 240-246	14.7	92
97	Endophytic fungi: expanding the arsenal of industrial enzyme producers. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014 , 41, 1467-78	4.2	64
96	Purification and biochemical properties of multiple xylanases from <i>Aspergillus ochraceus</i> tolerant to Hg^{2+} ion and a wide range of pH. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 174, 206-20	3.2	13
95	A novel glucoamylase activated by manganese and calcium produced in submerged fermentation by <i>Aspergillus phoenicis</i> . <i>Journal of Basic Microbiology</i> , 2014 , 54, 333-9	2.7	19
94	Biochemical properties of glycosylation and characterization of a histidine acid phosphatase (phytase) expressed in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2014 , 99, 43-9	2	20
93	Screening of thermotolerant and thermophilic fungi aiming β -xylosidase and arabinanase production. <i>Brazilian Journal of Microbiology</i> , 2014 , 45, 1459-67	2.2	9
92	Screening of filamentous fungi for lipase production: <i>Hypocrea pseudokoningii</i> a new producer with a high biotechnological potential. <i>Biocatalysis and Biotransformation</i> , 2014 , 32, 74-83	2.5	21
91	Fermentation pH in stirred tank and air-lift bioreactors affects phytase secretion by <i>Aspergillus japonicus</i> differently but not the particle size. <i>Biocatalysis and Biotransformation</i> , 2014 , 32, 39-44	2.5	3
90	A novel thermostable xylanase GH10 from <i>Malbranchea pulchella</i> expressed in <i>Aspergillus nidulans</i> with potential applications in biotechnology. <i>Biotechnology for Biofuels</i> , 2014 , 7, 115	7.8	54
89	Increase of the phytase production by <i>Aspergillus japonicus</i> and its biocatalyst potential on chicken feed treatment. <i>Journal of Basic Microbiology</i> , 2014 , 54 Suppl 1, S152-60	2.7	9
88	Functional properties of a manganese-activated exo-polygalacturonase produced by a thermotolerant fungus <i>Aspergillus niveus</i> . <i>Folia Microbiologica</i> , 2013 , 58, 615-21	2.8	14

87	Purification and biochemical characterization of glucose-cellobiose-tolerant cellulases from <i>Scytalidium thermophilum</i> . <i>Folia Microbiologica</i> , 2013 , 58, 561-8	2.8	11
86	Purification, partial characterization, and covalent immobilization-stabilization of an extracellular α -amylase from <i>Aspergillus niveus</i> . <i>Folia Microbiologica</i> , 2013 , 58, 495-502	2.8	13
85	Influence of volumetric oxygen transfer coefficient (kLa) on xylanases batch production by <i>Aspergillus niger</i> van Tieghem in stirred tank and internal-loop airlift bioreactors. <i>Biochemical Engineering Journal</i> , 2013 , 80, 19-26	4.2	30
84	Immobilization and biochemical properties of a β -xylosidase activated by glucose/xylose from <i>Aspergillus niger</i> USP-67 with transxylosylation activity. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 89, 93-101		22
83	Co-immobilization of fungal endo-xylanase and β -D-arabinofuranosidase in glyoxyl agarose for improved hydrolysis of arabinoxylan. <i>Journal of Biochemistry</i> , 2013 , 154, 275-80	3.1	11
82	Bioprocess and biotechnology: effect of xylanase from <i>Aspergillus niger</i> and <i>Aspergillus flavus</i> on pulp biobleaching and enzyme production using agroindustrial residues as substrate. <i>SpringerPlus</i> , 2013 , 2, 380		36
81	Pectinases Produced by Microorganisms 2013 ,		1
80	The fungal metabolite eugenitin as additive for <i>Aspergillus niveus</i> glucoamylase activation. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012 , 74, 156-161		9
79	Immobilization of a recombinant endo-1,5-arabinanase secreted by <i>Aspergillus nidulans</i> strain A773. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012 ,		1
78	Xylanase and β -xylosidase production by <i>Aspergillus ochraceus</i> : new perspectives for the application of wheat straw autohydrolysis liquor. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 166, 336-47	3.2	26
77	Production of xylanase and β -xylosidase from autohydrolysis liquor of corncob using two fungal strains. <i>Bioprocess and Biosystems Engineering</i> , 2012 , 35, 1185-92	3.7	33
76	Endo-xylanase GH11 activation by the fungal metabolite eugenitin. <i>Biotechnology Letters</i> , 2012 , 34, 1487-92		2
75	Functional characterization and oligomerization of a recombinant xyloglucan-specific endo- β -1,4-glucanase (GH12) from <i>Aspergillus niveus</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012 , 1824, 461-7	4	39
74	Improvement of fungal arabinofuranosidase thermal stability by reversible immobilization. <i>Process Biochemistry</i> , 2012 , 47, 2411-2417	4.8	10
73	A novel xylan degrading β -D-xylosidase: purification and biochemical characterization. <i>World Journal of Microbiology and Biotechnology</i> , 2012 , 28, 3179-86	4.4	14
72	Production and action of an <i>Aspergillus phoenicis</i> enzymatic pool using different carbon sources. <i>Brazilian Journal of Food Technology</i> , 2012 , 15, 253-260	1.5	4
71	Effects of <i>Aspergillus</i> spp. exogenous fibrolytic enzymes on in vitro fermentation of tropical forages. <i>Journal of the Science of Food and Agriculture</i> , 2012 , 92, 2569-73	4.3	8
70	Thermostable saccharogenic amylase produced under submerged fermentation by filamentous fungus <i>Penicillium purpurogenum</i> . <i>Brazilian Journal of Microbiology</i> , 2011 , 42, 1136-1140	2.2	3

69	Biotechnological potential of alternative carbon sources for production of pectinases by <i>Rhizopus microsporus</i> var. <i>rhizopodiformis</i> . <i>Brazilian Archives of Biology and Technology</i> , 2011 , 54, 141-148	1.8	13
68	Production of fibrolytic enzymes by <i>Aspergillus japonicus</i> C03 using agro-industrial residues with potential application as additives in animal feed. <i>Bioprocess and Biosystems Engineering</i> , 2011 , 34, 347-55 ³⁻⁷	3.7	30
67	Optimization of fibrolytic enzyme production by <i>Aspergillus japonicus</i> C03 with potential application in ruminant feed and their effects on tropical forages hydrolysis. <i>Bioprocess and Biosystems Engineering</i> , 2011 , 34, 1027-38	3.7	14
66	Production of xylanolytic enzymes by <i>Aspergillus terricola</i> in stirred tank and airlift tower loop bioreactors. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011 , 38, 1979-84	4.2	22
65	Biochemical properties of an extracellular trehalase from <i>Malbranchea pulchella</i> var. <i>Sulfurea</i> . <i>Journal of Microbiology</i> , 2011 , 49, 809-15	3	8
64	Heterologous expression of an <i>Aspergillus niveus</i> xylanase GH11 in <i>Aspergillus nidulans</i> and its characterization and application. <i>Process Biochemistry</i> , 2011 , 46, 1236-1242	4.8	45
63	Biotechnological Potential of Agro-Industrial Wastes as a Carbon Source to Thermostable Polygalacturonase Production in <i>Aspergillus niveus</i> . <i>Enzyme Research</i> , 2011 , 2011, 289206	2.4	23
62	Engineering bifunctional laccase-xylanase chimeras for improved catalytic performance. <i>Journal of Biological Chemistry</i> , 2011 , 286, 43026-38	5.4	42
61	Production and properties of xylanases from <i>Aspergillus terricola</i> Marchal and <i>Aspergillus ochraceus</i> and their use in cellulose pulp bleaching. <i>Bioprocess and Biosystems Engineering</i> , 2010 , 33, 813-21	3.7	26
60	Purification and characterization of a thermostable α -amylase produced by the fungus <i>Paecilomyces variotii</i> . <i>Carbohydrate Research</i> , 2010 , 345, 2348-53	2.9	51
59	Purification and partial characterization of an exo-polygalacturonase from <i>Paecilomyces variotii</i> liquid cultures. <i>Applied Biochemistry and Biotechnology</i> , 2010 , 160, 1496-507	3.2	29
58	Tunicamycin inhibition of N-glycosylation of β -glucosidase from <i>Aspergillus niveus</i> : partial influence on biochemical properties. <i>Biotechnology Letters</i> , 2010 , 32, 1449-55	3	6
57	Production of thermostable invertases by <i>Aspergillus caespitosus</i> under submerged or solid state fermentation using agroindustrial residues as carbon source. <i>Brazilian Journal of Microbiology</i> , 2009 , 40, 612-622	2.2	41
56	Use of Cassava Peel as Carbon Source for Production of Amylolytic Enzymes by <i>Aspergillus niveus</i> . <i>International Journal of Food Engineering</i> , 2009 , 5,	1.9	7
55	Production of xylanase by <i>Aspergilli</i> using alternative carbon sources: application of the crude extract on cellulose pulp biobleaching. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009 , 36, 149-55	4.2	34
54	Properties of a purified thermostable glucoamylase from <i>Aspergillus niveus</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009 , 36, 1439-46	4.2	23
53	Xylanases from <i>Aspergillus niger</i> , <i>Aspergillus niveus</i> and <i>Aspergillus ochraceus</i> produced under solid-state fermentation and their application in cellulose pulp bleaching. <i>Bioprocess and Biosystems Engineering</i> , 2009 , 32, 819-24	3.7	55
52	Purification and biochemical characterization of a novel α -glucosidase from <i>Aspergillus niveus</i> . <i>Antonie Van Leeuwenhoek</i> , 2009 , 96, 569-78	2.1	18

51	Effect of glycosylation on the biochemical properties of beta-xylosidases from <i>Aspergillus versicolor</i> . <i>Journal of Microbiology</i> , 2009 , 47, 270-6	3	20
50	Production of β -fructofuranosidases by <i>Aspergillus niveus</i> using agroindustrial residues as carbon sources: Characterization of an intracellular enzyme accumulated in the presence of glucose. <i>Process Biochemistry</i> , 2009 , 44, 237-241	4.8	47
49	Production of thermostable invertases by <i>Aspergillus caespitosus</i> under submerged or solid state fermentation using agroindustrial residues as carbon source. <i>Brazilian Journal of Microbiology</i> , 2009 , 40, 612-22	2.2	12
48	Mycelial glucoamylases produced by the thermophilic fungus <i>Scytalidium thermophilum</i> strains 15.1 and 15.8: purification and biochemical characterization. <i>Brazilian Journal of Microbiology</i> , 2008 , 39, 344-352	2.2	6
47	Purification and biochemical characterization of thermostable alkaline phosphatases produced by <i>Rhizopus microsporus</i> var. <i>rhizopodiformis</i> . <i>Folia Microbiologica</i> , 2008 , 53, 509-16	2.8	8
46	Purification and biochemical characterization of a thermostable extracellular glucoamylase produced by the thermotolerant fungus <i>Paecilomyces variotii</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008 , 35, 17-25	4.2	37
45	Regulation of xylanase in <i>Aspergillus phoenicis</i> : a physiological and molecular approach. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008 , 35, 237-44	4.2	9
44	Evidence of thermostable amyolytic activity from <i>Rhizopus microsporus</i> var. <i>rhizopodiformis</i> using wheat bran and corncob as alternative carbon source. <i>Bioprocess and Biosystems Engineering</i> , 2008 , 31, 329-34	3.7	17
43	Production and characterization of a thermostable extracellular β -fructofuranosidase produced by <i>Aspergillus ochraceus</i> with agroindustrial residues as carbon sources. <i>Enzyme and Microbial Technology</i> , 2007 , 42, 52-57	3.8	66
42	Purification and biochemical characterization of a mycelial alkaline phosphatase without DNAase activity produced by <i>Aspergillus caespitosus</i> . <i>Folia Microbiologica</i> , 2007 , 52, 231-6	2.8	5
41	Acid and alkaline phosphatase activities of a fraction isolated from <i>Parawixia bistriata</i> spider venom. <i>Toxicon</i> , 2006 , 47, 854-8	2.8	16
40	Cyclodextrin glycosyltransferase from <i>Bacillus licheniformis</i> : optimization of production and its properties. <i>Brazilian Journal of Microbiology</i> , 2006 , 37, 317-323	2.2	10
39	Screening of filamentous fungi for production of enzymes of biotechnological interest. <i>Brazilian Journal of Microbiology</i> , 2006 , 37, 474-480	2.2	64
38	A novel β -glucosidase from <i>Chaetomium thermophilum</i> var. <i>coprophilum</i> that converts maltose into trehalose: Purification and partial characterisation of the enzyme. <i>Process Biochemistry</i> , 2006 , 41, 1729-1735	4.8	20
37	Biochemical characterisation of the trehalase of thermophilic fungi: an enzyme with mixed properties of neutral and acid trehalase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005 , 1723, 201-7	4	9
36	Characterisation of an acid trehalase produced by the thermotolerant fungus <i>Rhizopus microsporus</i> var. <i>rhizopodiformis</i> : biochemical properties and immunochemical localisation. <i>FEMS Microbiology Letters</i> , 2005 , 251, 169-75	2.9	4
35	Xylanases from fungi: properties and industrial applications. <i>Applied Microbiology and Biotechnology</i> , 2005 , 67, 577-91	5.7	932
34	Purification and biochemical characterization of two xylanases produced by <i>Aspergillus caespitosus</i> and their potential for kraft pulp bleaching. <i>Process Biochemistry</i> , 2005 , 40, 1823-1828	4.8	77

33	Characterization and properties of acid phosphatases with phytase activity produced by <i>Aspergillus caespitosus</i> . <i>Biotechnology and Applied Biochemistry</i> , 2004 , 40, 201-7	2.8	23
32	Influence of temperature on the properties of the xylanolytic enzymes of the thermotolerant fungus <i>Aspergillus phoenicis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2004 , 31, 88-93	4.2	22
31	Effect of carbon source on the biochemical properties of xylosidases produced by <i>Aspergillus versicolor</i> . <i>Process Biochemistry</i> , 2004 , 39, 1931-1938	4.8	45
30	Beta-glucosidase activity from the thermophilic fungus <i>Scytalidium thermophilum</i> is stimulated by glucose and xylose. <i>FEMS Microbiology Letters</i> , 2004 , 240, 137-43	2.9	109
29	<i>Rhizopus microsporus</i> var. <i>rhizopodiformis</i> : a thermotolerant fungus with potential for production of thermostable amylases. <i>International Microbiology</i> , 2003 , 6, 269-73	3	30
28	Extracellular alkaline phosphatase from the filamentous fungus <i>Aspergillus caespitosus</i> : purification and biochemical characterization. <i>Folia Microbiologica</i> , 2003 , 48, 627-32	2.8	11
27	Studies on a thermostable alpha-amylase from the thermophilic fungus <i>Scytalidium thermophilum</i> . <i>Applied Microbiology and Biotechnology</i> , 2003 , 61, 323-8	5.7	54
26	Effect of carbon source on alkaline phosphatase production and excretion in <i>Aspergillus caespitosus</i> . <i>Journal of Basic Microbiology</i> , 2003 , 43, 210-7	2.7	11
25	Biochemical traits useful for the determination of genetic variation in a natural population of <i>Myracrodruon urundeuva</i> . <i>Pesquisa Agropecuaria Brasileira</i> , 2002 , 37, 909-916	1.8	4
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4	Anaerobic digestion of cornmeal [the effect of crude enzyme extract and co-digestion with cow manure. <i>Biofuels, Bioproducts and Biorefining</i> ,	5.3	1
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1	Statistical optimization of cornmeal saccharification using various hydrolases. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	0