Maria de Lourdes Polizeli

List of Publications by Year
in descending order

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162 papers	4,919 citations	134610 34 h-index	134545 62 g-index
162 all docs	162 docs citations	162 times ranked	5042 citing authors

#	Article	IF	Citations
1	Holocellulase production by filamentous fungi: potential in the hydrolysis of energy cane and other sugarcane varieties. Biomass Conversion and Biorefinery, 2023, 13, 1163-1174.	2.9	7
2	Effect of enzymatic pretreatment of sugarcane bagasse with recombinant hemicellulases and esterase prior to the application of the cellobiohydrolase CBH I MegazymeÂ®. Biomass Conversion and Biorefinery, 2022, 12, 491-499.	2.9	5
3	Climate change affects cellâ€wall structure and hydrolytic performance of a perennial grass as an energy crop. Biofuels, Bioproducts and Biorefining, 2022, 16, 471-487.	1.9	3
4	Biochemical characterization and biological properties of mycelium extracts from Lepista sordida GMA-05 and Trametes hirsuta GMA-01: new mushroom strains isolated in Brazil. Brazilian Journal of Microbiology, 2022, 53, 349.	0.8	3
5	Prospection of Psychrotrophic Filamentous Fungi Isolated from the High Andean Paramo Region of Northern Ecuador: Enzymatic Activity and Molecular Identification. Microorganisms, 2022, 10, 282.	1.6	7
6	Effects of Ultraviolet Exposure on the Tropical Fungi Aspergillus carbonarius and Aspergillus japonicus: Survival, Amylase Production, and Thermostability. Tropical Conservation Science, 2022, 15, 194008292210926.	0.6	1
7	Investigation of biochemical and biotechnological potential of a thermo-halo-alkali-tolerant endo-xylanase (GH11) from Humicola brevis var. thermoidea for lignocellulosic valorization of sugarcane biomass. Biocatalysis and Agricultural Biotechnology, 2022, 44, 102424.	1.5	1
8	Immobilization studies of a pectinase produced by Aspergillus terreus. Biotechnology and Applied Biochemistry, 2021, 68, 197-208.	1.4	5
9	Characterisation of free and immobilised laccases from Ganoderma lucidum: application on bisphenol a degradation. Biocatalysis and Biotransformation, 2021, 39, 71-80.	1.1	16
10	The profile secretion of Aspergillus clavatus: Different pre-treatments of sugarcane bagasse distinctly induces holocellulases for the lignocellulosic biomass conversion into sugar. Renewable Energy, 2021, 165, 748-757.	4.3	13
11	Prospection of Fungal Lignocellulolytic Enzymes Produced from Jatoba (Hymenaea courbaril) and Tamarind (Tamarindus indica) Seeds: Scaling for Bioreactor and Saccharification Profile of Sugarcane Bagasse. Microorganisms, 2021, 9, 533.	1.6	16
12	Perspectives on Expanding the Repertoire of Novel Microbial Chitinases for Biological Control. Journal of Agricultural and Food Chemistry, 2021, 69, 3284-3288.	2.4	3
13	Increased Malbranchea pulchella Î²-glucosidase production and its application in agroindustrial residue hydrolysis: A research based on experimental designs. Biotechnology Reports (Amsterdam,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	3
14	Screening and cocktail optimization using experimental mixture design: enzymatic saccharification as a biological pretreatment strategy. Biofuels, Bioproducts and Biorefining, 2021, 15, 1447-1460.	1.9	7
15	Saccharification of different sugarcane bagasse varieties by enzymatic cocktails produced by Mycothermus thermophilus and Trichoderma reesei RP698 cultures in agro-industrial residues. Energy, 2021, 226, 120360.	4.5	9
16	Enzymatic Pretreatment with Laccases from Lentinus sajor-caju Induces Structural Modification in Lignin and Enhances the Digestibility of Tropical Forage Grass (Panicum maximum) Grown under Future Climate Conditions. International Journal of Molecular Sciences, 2021, 22, 9445.	1.8	10
17	Structural model and functional properties of an exo-polygalacturonase from Neosartorya glabra. International Journal of Biological Macromolecules, 2021, 186, 909-918.	3.6	3
18	Structural and compositional changes induced by hydrothermal and organosolv pretreatments impacts enzymatic hydrolysis of a tropical forage grass grown under future climate conditions. Industrial Crops and Products, 2021, 171, 113937.	2.5	1

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19	Environmental parameters affecting the anaerobic microbial community. , 2021, , 219-252.		1
20	Challenges of Biomass Utilization for Bioenergy in a Climate Change Scenario. Biology, 2021, 10, 1277.	1.3	27
21	Novel amylase-producing fungus hydrolyzing wheat and brewing residues, Aspergillus carbonarius, discovered in tropical forest remnant. Folia Microbiologica, 2020, 65, 173-184.	1.1	21
22	Trametes versicolor laccase production using agricultural wastes: a comparative study in Erlenmeyer flasks, bioreactor and tray. Bioprocess and Biosystems Engineering, 2020, 43, 507-514.	1.7	44
23	Nanocellulose Production: Exploring the Enzymatic Route and Residues of Pulp and Paper Industry. Molecules, 2020, 25, 3411.	1.7	101
24	Sunflower stalk as a carbon source inductive for fungal xylanase production. Industrial Crops and Products, 2020, 153, 112368.	2.5	17
25	Cold-Active Lytic Enzymes and Their Applicability in the Biocontrol of Postharvest Fungal Pathogens. Journal of Agricultural and Food Chemistry, 2020, 68, 6461-6463.	2.4	4
26	Fungal communities differentially respond to warming and drought in tropical grassland soil. Molecular Ecology, 2020, 29, 1550-1559.	2.0	41
27	Potential biodiesel production from Brazilian plant oils and spent coffee grounds by Beauveria bassiana lipase 1 expressed in Aspergillus nidulans A773 using different agroindustry inputs. Journal of Cleaner Production, 2020, 256, 120513.	4.6	15
28	A Halotolerant Endo-1,4-Î²-Xylanase from Aspergillus clavatus with Potential Application for Agroindustrial Residues Saccharification. Applied Biochemistry and Biotechnology, 2020, 191, 1111-1126.	1.4	17
29	A Highly Glucose Tolerant ÃŸ-Glucosidase from Malbranchea pulchella (MpBg3) Enables Cellulose Saccharification. Scientific Reports, 2020, 10, 6998.	1.6	19
30	Bioinspired architecture of a hybrid bifunctional enzymatic/organic electrocatalyst for complete ethanol oxidation. Bioelectrochemistry, 2019, 130, 107331.	2.4	16
31	Perspectives on Exploring Denitrifying Fungi as a Model To Evaluate Nitrous Oxide Production and Reduce Emissions from Agricultural Soils. Journal of Agricultural and Food Chemistry, 2019, 67, 12153-12154.	2.4	3
32	Matrix Discriminant Analysis Evidenced Surface-Lithium as an Important Factor to Increase the Hydrolytic Saccharification of Sugarcane Bagasse. Molecules, 2019, 24, 3614.	1.7	1
33	Efficient hydrolysis of wine and grape juice anthocyanins by Malbranchea pulchella Î²-glucosidase immobilized on MANAE-agarose and ConA-Sepharose supports. International Journal of Biological Macromolecules, 2019, 136, 1133-1141.	3.6	18
34	Editorial: Microbial Secondary Metabolites: Recent Developments and Technological Challenges. Frontiers in Microbiology, 2019, 10, 914.	1.5	57
35	Fungal Lipases: Versatile Tools for White Biotechnology. Fungal Biology, 2019, , 361-404.	0.3	10
36	Fungal Community Ecology Using MALDI-TOF MS Demands Curated Mass Spectral Databases. Frontiers in Microbiology, 2019, 10, 315.	1.5	10

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37	A highly reusable MANAE-agarose-immobilized Pleurotus ostreatus laccase for degradation of bisphenol A. Science of the Total Environment, 2018, 634, 1346-1351.	3.9	78
38	Mixture design of starchy substrates hydrolysis by an immobilized glucoamylase fromAspergillus brasiliensis. Biocatalysis and Biotransformation, 2018, 36, 389-395.	1.1	9
39	Multi-step approach to add value to corncob: Production of biomass-degrading enzymes, lignin and fermentable sugars. Bioresource Technology, 2018, 247, 582-590.	4.8	41
40	Production of Omegas-6 and 9 from the Hydrolysis of AÃ§aÃ-and Buriti Oils by Lipase Immobilized on a Hydrophobic Support. Molecules, 2018, 23, 3015.	1.7	16
41	Prospecting of soybean hulls as an inducer carbon source for the cellulase production. Preparative Biochemistry and Biotechnology, 2018, 48, 743-749.	1.0	6
42	Purification and functional properties of a novel glucoamylase activated by manganese and lead produced by Aspergillus japonicus. International Journal of Biological Macromolecules, 2017, 102, 779-788.	3.6	32
43	Immobilized endo-xylanase of Aspergillus tamarii Kita: an interesting biological tool for production of xylooligosaccharides at high temperatures. Process Biochemistry, 2017, 53, 145-152.	1.8	24
44	Enzymes Involved in the Biodegradation of Sugarcane Biomass: Challenges and Perspectives. , 2017, , 55-79.		7
45	Prospecting fungal ligninases using corncob lignocellulosic fractions. Cellulose, 2017, 24, 4355-4365.	2.4	17
46	Different Covalent Immobilizations Modulate Lipase Activities of Hypocrea pseudokoningii. Molecules, 2017, 22, 1448.	1.7	6
47	Bioprospection and characterization of the amylolytic activity by filamentous fungi from Brazilian Atlantic Forest. Biota Neotropica, 2017, 17, .	1.0	14
48	Neosartorya glabra polygalacturonase produced from fruit peels as inducers has the potential for application in passion fruit and apple juices. Brazilian Journal of Food Technology, 2017, 20, .	0.8	7
49	Biochemical Characterization, Thermal Stability, and Partial Sequence of a Novel Exo-Polygalacturonase from the Thermophilic Fungus Rhizomucor pusillus A13.36 Obtained by Submerged Cultivation. BioMed Research International, 2016, 2016, 1-10.	0.9	14
50	Co-cultivation of Aspergillus nidulans Recombinant Strains Produces an Enzymatic Cocktail as Alternative to Alkaline Sugarcane Bagasse Pretreatment. Frontiers in Microbiology, 2016, 7, 583.	1.5	23
51	Biochemical effect of a histidine phosphatase acid (phytase) of Aspergillus japonicus var. Saito on performance and bony characteristics of broiler. SpringerPlus, 2016, 5, 1418.	1.2	3
52	The functional properties of a xyloglucanase (GH12) of Aspergillus terreus expressed in Aspergillus nidulans may increase performance of biomass degradation. Applied Microbiology and Biotechnology, 2016, 100, 9133-9144.	1.7	17
53	Effect of phenolic compounds from pretreated sugarcane bagasse on cellulolytic and hemicellulolytic activities. Bioresource Technology, 2016, 199, 275-278.	4.8	87
54	Characterization of multiple xylanase forms from Aspergillus tamarii resistant to phenolic compounds. Mycosphere, 2016, 7, 1554-1567.	1.9	13

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55	Production of cellulase-free xylanase by Aspergillus flavus: Effect of polyols on the thermostability and its application on cellulose pulp biobleaching. African Journal of Biotechnology, 2015, 14, 3368-3373.	0.3	10
56	Partial Purification and Characterization of a Thermostable Î²-Mannanase from Aspergillus foetidus. Applied Sciences (Switzerland), 2015, 5, 881-893.	1.3	8
57	Beauveria bassiana Lipase A expressed in Komagataella (Pichia) pastoris with potential for biodiesel catalysis. Frontiers in Microbiology, 2015, 6, 1083.	1.5	17
58	Characterization of a novel Aspergillus niger beta-glucosidase tolerant to saccharification of lignocellulosic biomass products and fermentation inhibitors. Chemical Papers, 2015, 69, .	1.0	14
59	Immobilized lipase from Hypocrea pseudokoningii on hydrophobic and ionic supports: Determination of thermal and organic solvent stabilities for applications in the oleochemical industry. Process Biochemistry, 2015, 50, 561-570.	1.8	23
60	Enhanced xyloglucan-specific endo-Î²-1,4-glucanase efficiency in an engineered CBM44-XegA chimera. Applied Microbiology and Biotechnology, 2015, 99, 5095-5107.	1.7	25
61	Increased biomass saccharification by supplementation of a commercial enzyme cocktail with endo-arabinanase from Bacillus licheniformis. Biotechnology Letters, 2015, 37, 1455-1462.	1.1	6
62	Starch Biocatalyst Based on Î±-Amylase-Mg/Al-Layered Double Hydroxide Nanohybrids. ACS Applied Materials & Interfaces, 2015, 7, 18832-18842.	4.0	18
63	Stabilization of the lipase of Hypocrea pseudokoningii by multipoint covalent immobilization after chemical modification and application of the biocatalyst in oil hydrolysis. Journal of Molecular Catalysis B: Enzymatic, 2015, 121, 82-89.	1.8	23
64	Cellulose from Lignocellulosic Waste. , 2015, , 475-511.		16
65	Screening of thermotolerant and thermophilic fungi aiming β-xylosidase and arabinanase production. Brazilian Journal of Microbiology, 2014, 45, 1459-1467.	0.8	12
66	Screening of filamentous fungi for lipase production:Hypocrea pseudokoningiia new producer with a high biotechnological potential. Biocatalysis and Biotransformation, 2014, 32, 74-83.	1.1	22
67	Fermentation pH in stirred tank and air-lift bioreactors affects phytase secretion byAspergillus japonicusdifferently but not the particle size. Biocatalysis and Biotransformation, 2014, 32, 39-44.	1.1	3
68	A novel thermostable xylanase GH10 from Malbranchea pulchella expressed in Aspergillus nidulans with potential applications in biotechnology. Biotechnology for Biofuels, 2014, 7, 115.	6.2	60
69	Increase of the phytase production by Aspergillus japonicus and its biocatalyst potential on chicken feed treatment. Journal of Basic Microbiology, 2014, 54, S152-60.	1.8	13
70	Immobilization and high stability of an extracellular Î²-glucosidase from Aspergillus japonicus by ionic interactions. Journal of Molecular Catalysis B: Enzymatic, 2014, 104, 95-100.	1.8	24
71	Biological pretreatment of Eucalyptus grandis sawdust with white-rot fungi: Study of degradation patterns and saccharification kinetics. Chemical Engineering Journal, 2014, 258, 240-246.	6.6	121
72	Endophytic fungi: expanding the arsenal of industrial enzyme producers. Journal of Industrial Microbiology and Biotechnology, 2014, 41, 1467-1478.	1.4	91

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73	Purification and Biochemical Properties of Multiple Xylanases from Aspergillus ochraceus Tolerant to Hg2+ Ion and a Wide Range of pH. Applied Biochemistry and Biotechnology, 2014, 174, 206-220.	1.4	13
74	A novel glucoamylase activated by manganese and calcium produced in submerged fermentation by Aspergillus phoenicis. Journal of Basic Microbiology, 2014, 54, 333-339.	1.8	28
75	Biochemical properties of glycosylation and characterization of a histidine acid phosphatase (phytase) expressed in Pichia pastoris. Protein Expression and Purification, 2014, 99, 43-49.	0.6	26
76	Functional properties of a manganese-activated exo-polygalacturonase produced by a thermotolerant fungus Aspergillus niveus. Folia Microbiologica, 2013, 58, 615-621.	1.1	14
77	Purification and biochemical characterization of glucoseâ€“cellobiose-tolerant cellulases from Scytalidium thermophilum. Folia Microbiologica, 2013, 58, 561-568.	1.1	13
78	Purification, partial characterization, and covalent immobilizationâ€“stabilization of an extracellular Î±-amylase from Aspergillus niveus. Folia Microbiologica, 2013, 58, 495-502.	1.1	16
79	Influence of volumetric oxygen transfer coefficient (kLa) on xylanases batch production by Aspergillus niger van Tieghem in stirred tank and internal-loop airlift bioreactors. Biochemical Engineering Journal, 2013, 80, 19-26.	1.8	40
80	Immobilization and biochemical properties of a Î²-xylosidase activated by glucose/xylose from Aspergillus niger USP-67 with transxylosylation activity. Journal of Molecular Catalysis B: Enzymatic, 2013, 89, 93-101.	1.8	24
81	Co-immobilization of fungal endo-xylanase and Â-L-arabinofuranosidase in glyoxyl agarose for improved hydrolysis of arabinoxylan. Journal of Biochemistry, 2013, 154, 275-280.	0.9	12
82	Bioprocess and biotechnology: effect of xylanase from Aspergillus niger and Aspergillus flavus on pulp biobleaching and enzyme production using agroindustrial residues as substract. SpringerPlus, 2013, 2, 380.	1.2	40
83	Pectinases Produced by Microorganisms. , 2013, , .		2
84	Production of xylanase and Î²-xylosidase from autohydrolysis liquor of corncob using two fungal strains. Bioprocess and Biosystems Engineering, 2012, 35, 1185-1192.	1.7	35
85	Endo-xylanase GH11 activation by the fungal metabolite eugenitin. Biotechnology Letters, 2012, 34, 1487-1492.	1.1	3
86	Functional characterization and oligomerization of a recombinant xyloglucan-specific endo-Î²-1,4-glucanase (GH12) from Aspergillus niveus. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 461-467.	1.1	45
87	Improvement of fungal arabinofuranosidase thermal stability by reversible immobilization. Process Biochemistry, 2012, 47, 2411-2417.	1.8	12
88	A novel xylan degrading Î²-d-xylosidase: purification and biochemical characterization. World Journal of Microbiology and Biotechnology, 2012, 28, 3179-3186.	1.7	16
89	Production and action of an Aspergillus phoenicis enzymatic pool using different carbon sources. Brazilian Journal of Food Technology, 2012, 15, 253-260.	0.8	7
90	Effects of Aspergillus spp. exogenous fibrolytic enzymes on in vitro fermentation of tropical forages. Journal of the Science of Food and Agriculture, 2012, 92, 2569-2573.	1.7	9

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91	The fungal metabolite eugenitin as additive for Aspergillus niveus glucoamylase activation. Journal of Molecular Catalysis B: Enzymatic, 2012, 74, 156-161.	1.8	11
92	Immobilization of a recombinant endo-1,5-arabinanase secreted by Aspergillus nidulans strain A773. Journal of Molecular Catalysis B: Enzymatic, 2012, , .	1.8	2
93	Xylanase and Î²-Xylosidase Production by Aspergillus ochraceus: New Perspectives for the Application of Wheat Straw Autohydrolysis Liquor. Applied Biochemistry and Biotechnology, 2012, 166, 336-347.	1.4	30
94	Thermostable saccharogenic amylase produced under submerged fermentation by filamentous fungus Penicillium purpurogenum. Brazilian Journal of Microbiology, 2011, 42, 1136-1140.	0.8	4
95	Biotechnological potential of alternative carbon sources for production of pectinases by Rhizopus microsporus var. rhizopodiformis. Brazilian Archives of Biology and Technology, 2011, 54, 141-148.	0.5	15
96	Production of fibrolytic enzymes by Aspergillus japonicus C03 using agro-industrial residues with potential application as additives in animal feed. Bioprocess and Biosystems Engineering, 2011, 34, 347-355.	1.7	37
97	Optimization of fibrolytic enzyme production by Aspergillus japonicus C03 with potential application in ruminant feed and their effects on tropical forages hydrolysis. Bioprocess and Biosystems Engineering, 2011, 34, 1027-1038.	1.7	17
98	Production of xylanolytic enzymes by Aspergillus terricola in stirred tank and airlift tower loop bioreactors. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1979-1984.	1.4	25
99	Biochemical properties of an extracellular trehalase from Malbranchea pulchella var. Sulfurea. Journal of Microbiology, 2011, 49, 809-815.	1.3	9
100	Heterologous expression of an Aspergillus niveus xylanase GH11 in Aspergillus nidulans and its characterization and application. Process Biochemistry, 2011, 46, 1236-1242.	1.8	50
101	Biotechnological Potential of Agro-Industrial Wastes as a Carbon Source to Thermostable Polygalacturonase Production inAspergillus niveus. Enzyme Research, 2011, 2011, 1-6.	1.8	32
102	Engineering Bifunctional Laccase-Xylanase Chimeras for Improved Catalytic Performance. Journal of Biological Chemistry, 2011, 286, 43026-43038.	1.6	52
103	Production and properties of xylanases from Aspergillus terricola Marchal and Aspergillus ochraceus and their use in cellulose pulp bleaching. Bioprocess and Biosystems Engineering, 2010, 33, 813-821.	1.7	31
104	Purification and characterization of a thermostable Î±-amylase produced by the fungus Paecilomyces variotii. Carbohydrate Research, 2010, 345, 2348-2353.	1.1	60
105	Purification and Partial Characterization of an Exo-polygalacturonase from Paecilomyces variotii Liquid Cultures. Applied Biochemistry and Biotechnology, 2010, 160, 1496-1507.	1.4	34
106	Tunicamycin inhibition of N-glycosylation of Î±-glucosidase from Aspergillus niveus: partial influence on biochemical properties. Biotechnology Letters, 2010, 32, 1449-1455.	1.1	8
107	Production of thermostable invertases by Aspergillus caespitosus under submerged or solid state fermentation using agroindustrial residues as carbon source. Brazilian Journal of Microbiology, 2009, 40, 612-622.	0.8	49
108	Use of Cassava Peel as Carbon Source for Production of Amylolytic Enzymes by Aspergillus niveus. International Journal of Food Engineering, 2009, 5, .	0.7	10

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109	Production of xylanase by Aspergilli using alternative carbon sources: application of the crude extract on cellulose pulp biobleaching. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 149-155.	1.4	39
110	Properties of a purified thermostable glucoamylase from Aspergillus niveus. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 1439-1446.	1.4	32
111	Xylanases from Aspergillus niger, Aspergillus niveus and Aspergillus ochraceus produced under solid-state fermentation and their application in cellulose pulp bleaching. Bioprocess and Biosystems Engineering, 2009, 32, 819-824.	1.7	65
112	Purification and biochemical characterization of a novel Î±-glucosidase from Aspergillus niveus. Antonie Van Leeuwenhoek, 2009, 96, 569-578.	0.7	21
113	Effect of glycosylation on the biochemical properties of Î²-xylosidases from Aspergillus versicolor. Journal of Microbiology, 2009, 47, 270-276.	1.3	22
114	Production of Î²-fructofuranosidases by Aspergillus niveus using agroindustrial residues as carbon sources: Characterization of an intracellular enzyme accumulated in the presence of glucose. Process Biochemistry, 2009, 44, 237-241.	1.8	52
115	Production of thermostable invertases by Aspergillus caespitosus under submerged or solid state fermentation using agroindustrial residues as carbon source. Brazilian Journal of Microbiology, 2009, 40, 612-22.	0.8	18
116	Purification and biochemical characterization of thermostable alkaline phosphatases produced by Rhizopus microsporus var. rhizopodiformis. Folia Microbiologica, 2008, 53, 509-516.	1.1	9
117	Purification and biochemical characterization of a thermostable extracellular glucoamylase produced by the thermotolerant fungus Paecilomyces variotii. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 17-25.	1.4	47
118	Regulation of xylanase in Aspergillus phoenicis: a physiological and molecular approach. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 237-244.	1.4	13
119	Evidence of thermostable amylolytic activity from Rhizopus microsporus var. rhizopodiformis using wheat bran and corncob as alternative carbon source. Bioprocess and Biosystems Engineering, 2008, 31, 329-334.	1.7	22
120	Mycelial glucoamylases produced by the thermophilic fungus Scytalidium thermophilum strains 15.1 and 15.8: purification and biochemical characterization. Brazilian Journal of Microbiology, 2008, 39, 344-352.	0.8	7
121	Production and characterization of a thermostable extracellular Î²-d-fructofuranosidase produced by Aspergillus ochraceus with agroindustrial residues as carbon sources. Enzyme and Microbial Technology, 2007, 42, 52-57.	1.6	79
122	Purification and biochemical characterization of a mycelial alkaline phosphatase without DNAase activity produced byAspergillus caespitosus. Folia Microbiologica, 2007, 52, 231-6.	1.1	6
123	Acid and alkaline phosphatase activities of a fraction isolated from Parawixia bistriata spider venom. Toxicon, 2006, 47, 854-858.	0.8	19
124	Cyclodextrin glycosyltransferase from Bacillus licheniformis: optimization of production and its properties. Brazilian Journal of Microbiology, 2006, 37, 317-323.	0.8	15
125	Screening of filamentous fungi for production of enzymes of biotechnological interest. Brazilian Journal of Microbiology, 2006, 37, 474-480.	0.8	84
126	Trehalases and trehalose hydrolysis in fungi. FEMS Microbiology Letters, 2006, 154, 165-171.	0.7	105

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127	A novel Î±-glucosidase from Chaetomium thermophilum var. coprophilum that converts maltose into trehalose: Purification and partial characterisation of the enzyme. Process Biochemistry, 2006, 41, 1729-1735.	1.8	24
128	Characterisation of an acid trehalase produced by the thermotolerant fungusRhizopus microsporusvar.rhizopodiformis: Biochemical properties and immunochemical localisation. FEMS Microbiology Letters, 2005, 251, 169-175.	0.7	6
129	Xylanases from fungi: properties and industrial applications. Applied Microbiology and Biotechnology, 2005, 67, 577-591.	1.7	1,081
130	Purification and biochemical characterization of two xylanases produced by Aspergillus caespitosus and their potential for kraft pulp bleaching. Process Biochemistry, 2005, 40, 1823-1828.	1.8	87
131	Biochemical characterisation of the trehalase of thermophilic fungi: An enzyme with mixed properties of neutral and acid trehalase. Biochimica Et Biophysica Acta - General Subjects, 2005, 1723, 201-207.	1.1	10
132	Characterization and properties of acid phosphatases with phytase activity produced by Aspergillus caespitosus. Biotechnology and Applied Biochemistry, 2004, 40, 201.	1.4	25
133	Influence of temperature on the properties of the xylanolytic enzymes of the thermotolerant fungus Aspergillus phoenicis. Journal of Industrial Microbiology and Biotechnology, 2004, 31, 88-93.	1.4	29
134	Effect of carbon source on the biochemical properties of Î²-xylosidases produced by Aspergillus versicolor. Process Biochemistry, 2004, 39, 1931-1938.	1.8	50
135	ÃŽÂ²-Glucosidase activity from the thermophilic fungusScytalidium thermophilumis stimulated by glucose and xylose. FEMS Microbiology Letters, 2004, 240, 137-143.	0.7	122
136	Rhizopus microsporus var. rhizopodiformis : a thermotolerant fungus with potential for production of thermostable amylases. International Microbiology, 2003, 6, 269-273.	1.1	48
137	Extracellular alkaline phosphatase from the filamentous fungusAspergillus caespitosus: Purification and biochemical characterization. Folia Microbiologica, 2003, 48, 627-632.	1.1	12
138	Studies on a thermostable Î±-amylase from the thermophilic fungus Scytalidium thermophilum. Applied Microbiology and Biotechnology, 2003, 61, 323-328.	1.7	71
139	Effect of carbon source on alkaline phosphatase production and excretion in Aspergillus caespitosus. Journal of Basic Microbiology, 2003, 43, 210-217.	1.8	11
140	Biochemical traits useful for the determination of genetic variation in a natural population of Myracrodruon urundeuva. Pesquisa Agropecuaria Brasileira, 2002, 37, 909-916.	0.9	5
141	Extracellular Î²-D-glucosidase from Chaetomium thermophilum var. coprophilum: production, purification and some biochemical properties. Journal of Basic Microbiology, 2002, 42, 55-66.	1.8	37
142	Mobilisation of trehalose in mutants of the cyclic AMP signalling pathway, cr-1 (CRISP-1) and mcb (microcycle conidiation), of Neurospora crassa. FEMS Microbiology Letters, 2001, 199, 85-89.	0.7	8
143	Thermostable glucose-tolerant glucoamylase produced by the thermophilic fungusScytalidium thermophilum. Folia Microbiologica, 2001, 46, 11-16.	1.1	39
144	Purification and properties of a thermostable extracellular ?- D -xylosidase produced by a thermotolerant Aspergillus phoenicis. Journal of Industrial Microbiology and Biotechnology, 2001, 26, 156-160.	1.4	121

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145	Thermostable conidial and mycelial alkaline phosphatases from the thermophilic fungus Scytalidium thermophilum. Journal of Industrial Microbiology and Biotechnology, 2001, 27, 265-270.	1.4	28
146	Glucoamylase activity from the thermophilic fungusScytalidium thermophilum. Biochemical and regulatory properties. Journal of Basic Microbiology, 2000, 40, 83-92.	1.8	26
147	Stimulation of hyphal growth in anaerobic cultures ofMucor rouxiiby extracellular trehalose. Relevance of cell wall-bound activity of acid trehalase for trehalose utilization. FEMS Microbiology Letters, 2000, 182, 9-13.	0.7	19
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