Alicia Prieto

List of Publications by Year in descending order

142 papers	4,372 citations	126907 33 h-index	149698 56 g-index
143 all docs	143 docs citations	143 times ranked	4747 citing authors

#	Article	IF	Citations
1	Fungal pretreatment: An alternative in second-generation ethanol from wheat straw. Bioresource Technology, 2011, 102, 7500-7506.	9.6	282
2	Laccase detoxification of steam-exploded wheat straw for second generation bioethanol. Bioresource Technology, 2009, 100, 6378-6384.	9.6	180
3	Anisaldehyde production and aryl-alcohol oxidase and dehydrogenase activities in ligninolytic fungi of the genus Pleurotus. Applied and Environmental Microbiology, 1994, 60, 1783-1788.	3.1	147
4	Structural characterization of extracellular polysaccharides produced by fungi from the genus Pleurotus. Carbohydrate Research, 1996, 281, 143-154.	2.3	136
5	5â€hydroxymethylfurfural conversion by fungal arylâ€alcohol oxidase and unspecific peroxygenase. FEBS Journal, 2015, 282, 3218-3229.	4.7	132
6	Characterization of a Novel Dye-Decolorizing Peroxidase (DyP)-Type Enzyme from Irpex lacteus and Its Application in Enzymatic Hydrolysis of Wheat Straw. Applied and Environmental Microbiology, 2013, 79, 4316-4324.	3.1	125
7	Production of exopolysaccharides by Lactobacillus and Bifidobacterium strains of human origin, and metabolic activity of the producing bacteria in milk. Journal of Dairy Science, 2009, 92, 4158-4168.	3.4	113
8	Comparative analysis of production and purification of homo- and hetero-polysaccharides produced by lactic acid bacteria. Carbohydrate Polymers, 2013, 93, 57-64.	10.2	95
9	Dextrans produced by lactic acid bacteria exhibit antiviral and immunomodulatory activity against salmonid viruses. Carbohydrate Polymers, 2015, 124, 292-301.	10.2	94
10	Degradation of bisphenol A by different fungal laccases and identification of its degradation products. International Biodeterioration and Biodegradation, 2016, 110, 181-188.	3.9	94
11	Differential proteomic analysis of the secretome of Irpex lacteus and other white-rot fungi during wheat straw pretreatment. Biotechnology for Biofuels, 2013, 6, 115.	6.2	84
12	Lignin depolymerization by fungal secretomes and a microbial sink. Green Chemistry, 2016, 18, 6046-6062.	9.0	84
13	Structural traits and catalytic versatility of the lipases from the Candida rugosa-like family: A review. Biotechnology Advances, 2016, 34, 874-885.	11.7	82
14	Rheology and bioactivity of high molecular weight dextrans synthesised by lactic acid bacteria. Carbohydrate Polymers, 2017, 174, 646-657.	10.2	66
15	Modification and Activation of Ras Proteins by Electrophilic Prostanoids with Different Structure are Site-Selective. Biochemistry, 2007, 46, 6607-6616.	2.5	62
16	Lignin degradation and detoxification of eucalyptus wastes by on-site manufacturing fungal enzymes to enhance second-generation ethanol yield. Applied Energy, 2020, 262, 114493.	10.1	59
17	Production and partial characterization of exopolysaccharides produced by two Lactobacillus suebicus strains isolated from cider. International Journal of Food Microbiology, 2015, 214, 54-62.	4.7	58
18	Sugar recoveries from wheat straw following treatments with the fungus Irpex lacteus. Bioresource Technology, 2013, 131, 218-225.	9.6	51

#	Article	IF	Citations
19	Insight into the composition of the intercellular matrix of Streptococcus pneumoniae biofilms. Environmental Microbiology, 2013, 15, 502-516.	3.8	46
20	Unraveling Massive Crocins Transport and Accumulation through Proteome and Microscopy Tools during the Development of Saffron Stigma. International Journal of Molecular Sciences, 2017, 18, 76.	4.1	46
21	Chemical and structural similarities in wall polysaccharides of somePenicillium, EupenicilliumandAspergillusspecies. FEMS Microbiology Letters, 1992, 90, 165-168.	1.8	44
22	The dimerization domain of the HIV-1 capsid protein binds a capsid protein-derived peptide: A biophysical characterization. Protein Science, 2004, 13, 1512-1523.	7.6	44
23	Hemicellulases from Penicillium and Talaromyces for lignocellulosic biomass valorization: A review. Bioresource Technology, 2021, 324, 124623.	9.6	44
24	Biodeinking of flexographic inks by fungal laccases using synthetic and natural mediators. Biochemical Engineering Journal, 2012, 67, 97-103.	3.6	41
25	Heterogeneity of the genus Myrothecium as revealed by cell wall polysaccharides. Archives of Microbiology, 2000, 173, 296-302.	2.2	40
26	Novel pH-Stable Glycoside Hydrolase Family 3 Î²-Xylosidase from Talaromyces amestolkiae: an Enzyme Displaying Regioselective Transxylosylation. Applied and Environmental Microbiology, 2015, 81, 6380-6392.	3.1	39
27	Properties, structure, and applications of microbial sterol esterases. Applied Microbiology and Biotechnology, 2016, 100, 2047-2061.	3.6	39
28	Structure of complex cell wall polysaccharides isolated from Trichoderma and Hypocrea species. Carbohydrate Research, 1997, 304, 281-291.	2.3	37
29	Evidence of the presence of nucleic acids and Î²-glucan in the matrix of non-typeable Haemophilus influenzae in vitro biofilms. Scientific Reports, 2016, 6, 36424.	3.3	37
30	Lactobacillus plantarum CIDCA 8327: An Î±-glucan producing-strain isolated from kefir grains. Carbohydrate Polymers, 2017, 170, 52-59.	10.2	37
31	Structural studies of fungal cell-wall polysaccharides from two strains of Talaromyces flavus. Carbohydrate Research, 1994, 251, 315-325.	2.3	36
32	Possible chemotypes from cell wall polysaccharides, as an aid in the systematics of Penicillium and its teleomorphic states Eupenicillium and Talaromyces. Mycological Research, 1997, 101, 1259-1264.	2.5	36
33	Differences among the cell wall galactomannans from Aspergillus wentii and Chaetosartorya chrysella and that of Aspergillus fumigatus. Glycoconjugate Journal, 2003, 20, 239-246.	2.7	36
34	The Basic Helixâ^'Loopâ^'Helix Region of Human Neurogenin 1 Is a Monomeric Natively Unfolded Protein Which Forms a â€œFuzzyâ€•Complex upon DNA Binding. Biochemistry, 2010, 49, 1577-1589.	2.5	36
35	Chemical composition and characterization of a galactomannoglucan from Gliocladium viride wall material. FEMS Microbiology Letters, 1990, 70, 331-336.	1.8	33
36	Purification and biochemical characterization of a new alkali-stable laccase from Trametes sp. isolated in Tunisia: role of the enzyme in olive mill waste water treatment. World Journal of Microbiology and Biotechnology, 2013, 29, 2145-2155.	3.6	33

#	Article	IF	Citations
37	Crystal structures of Ophiostoma piceae sterol esterase: Structural insights into activation mechanism and product release. Journal of Structural Biology, 2014, 187, 215-222.	2.8	32
38	The Î²-glucosidase secreted by Talaromyces amestolkiae under carbon starvation: a versatile catalyst for biofuel production from plant and algal biomass. Biotechnology for Biofuels, 2018, 11, 123.	6.2	32
39	Structural investigation of two cell-wall polysaccharides of Penicillium expansum strains. Carbohydrate Research, 1994, 257, 239-248.	2.3	31
40	Heterologous Expression of a Position 2-Substituted (1â†'3)-Î²- <scp>d</scp> -Glucan in Lactococcus lactis. Applied and Environmental Microbiology, 2008, 74, 5259-5262.	3.1	31
41	Screening and Selection of 2-Branched (1,3)-Î²-<scp>d</scp>-Glucan Producing Lactic Acid Bacteria and Exopolysaccharide Characterization. Journal of Agricultural and Food Chemistry, 2010, 58, 6149-6156.	5.2	31
42	Fungal genomes mining to discover novel sterol esterases and lipases as catalysts. BMC Genomics, 2013, 14, 712.	2.8	31
43	Characterization of dextrans produced by Lactobacillus mali CUPV271 and Leuconostoc carnosum CUPV411. Food Hydrocolloids, 2019, 89, 613-622.	10.7	31
44	An acidic water-soluble cell wall polysaccharide: a chemotaxonomic marker for Fusarium and Gibberella. Mycological Research, 2000, 104, 603-610.	2.5	30
45	Versatile peroxidase as a valuable tool for generating new biomolecules by homogeneous and heterogeneous cross-linking. Enzyme and Microbial Technology, 2013, 52, 303-311.	3.2	30
46	Enzymatic Synthesis of a Novel Neuroprotective Hydroxytyrosyl Glycoside. Journal of Agricultural and Food Chemistry, 2017, 65, 10526-10533.	5.2	30
47	Isolation, purification and chemical characterization of alkali-extractable polysaccharides from the cell walls of Talaromyces species. Mycological Research, 1995, 99, 69-75.	2.5	29
48	An assessment of fungal wall heteromannans as a phylogenetically informative character in ascomycetes. FEMS Microbiology Reviews, 2010, 34, 986-1014.	8.6	29
49	Green synthesis of Î²-sitostanol esters catalyzed by the versatile lipase/sterol esterase from Ophiostoma piceae. Food Chemistry, 2017, 221, 1458-1465.	8.2	29
50	Î²-(1 â†' 3,1 â†' 6)- d -glucans produced by Diaporthe sp. endophytes: Purification, chemical characterization and antiproliferative activity against MCF-7 and HepG2-C3A cells. International Journal of Biological Macromolecules, 2017, 94, 431-437.	7.5	28
51	Transglycosylation products generated by Talaromyces amestolkiae GH3 Î²-glucosidases: effect of hydroxytyrosol, vanillin and its glucosides on breast cancer cells. Microbial Cell Factories, 2019, 18, 97.	4.0	28
52	Tannic Acid-Dependent Modulation of Selected Lactobacillus plantarum Traits Linked to Gastrointestinal Survival. PLoS ONE, 2013, 8, e66473.	2.5	28
53	Partial characterisation of galactofuranose-containing heteropolysaccharides from the cell walls of Talaromyces helicus. Carbohydrate Research, 1988, 177, 265-272.	2.3	27
54	Structural investigation of a cell-wall galactomannan from Neurospora crassa and N. sitophila. Carbohydrate Research, 1996, 283, 215-222.	2.3	26

#	Article	IF	Citations
55	Evaluation of Exopolysaccharide Production by Leuconostoc mesenteroides Strains Isolated from Wine. Journal of Food Science, 2008, 73, M196-M199.	3.1	26
56	Structures of wall heterogalactomannans isolated from three genera of entomopathogenic fungi. Fungal Biology, 2011, 115, 862-870.	2.5	26
57	Characterization of Exopolysaccharides Produced by Bifidobacterium longum NB667 and Its Cholate-Resistant Derivative Strain IPLA B667dCo. Journal of Agricultural and Food Chemistry, 2012, 60, 1028-1035.	5.2	26
58	Structural differences between the alkali-extracted water-soluble cell wall polysaccharides from mycelial and yeast phases of the pathogenic dimorphic fungus Paracoccidioides brasiliensis. Glycobiology, 2003, 13, 743-747.	2.5	25
59	Differential Î²-glucosidase expression as a function of carbon source availability in Talaromyces amestolkiae: a genomic and proteomic approach. Biotechnology for Biofuels, 2017, 10, 161.	6.2	25
60	A glucotolerant Î²-glucosidase from the fungus Talaromyces amestolkiae and its conversion into a glycosynthase for glycosylation of phenolic compounds. Microbial Cell Factories, 2020, 19, 127.	4.0	25
61	Chemical structure of fungal cell-wall polysaccharides isolated from Microsporum gypseum and related species of Microsporum and Trychophyton. Carbohydrate Research, 1995, 272, 121-128.	2.3	24
62	Negative regulation of pPS10 plasmid replication: origin pairing by zippingâ€ up DNAâ€bound RepA monomers. Molecular Microbiology, 2008, 68, 560-572.	2.5	24
63	A polysaccharide from Lichina pygmaea and L. confinis supports the recognition of Lichinomycetes. Mycological Research, 2008, 112, 381-388.	2.5	24
64	Studies of new polysaccharides from lasallia pustulata (L.) Hoffm. Lichenologist, 2003, 35, 177-185.	0.8	23
65	Galactomannans from the cell walls of species of Paecilomyces sect. Paecilomyces and their teleomorphs as immunotaxonomic markers. Microbiology (United Kingdom), 1999, 145, 2789-2796.	1.8	23
66	Structural investigation of cell-wall polysaccharides from Neosartorya: relationships with their putative anamorphs of Aspergillus. Carbohydrate Research, 1995, 273, 255-262.	2.3	22
67	The role of dextran production in the metabolic context of Leuconostoc and Weissella Tunisian strains. Carbohydrate Polymers, 2021, 253, 117254.	10.2	22
68	p-Hydroxyphenyl:Guaiacyl:Syringyl Ratio of Lignin in Some Austral Hardwoods Estimated by CuO-Oxidation and Solid-State NMR. Holzforschung, 1991, 45, 279-284.	1.9	21
69	Structure and conformational features of an alkali- and water-soluble galactofuranan from the cell walls of Eupenicillium crustaceum. Carbohydrate Research, 1993, 244, 361-368.	2.3	21
70	Structural elucidation of acidic fungal polysaccharides isolated from the cell-wall of genera Cylindrocladium and Calonectria. Carbohydrate Research, 1997, 303, 67-72.	2.3	21
71	Studies on the structure and the solution conformation of an acidic extracellular polysaccharide isolated from Bradyrhizobium. Carbohydrate Research, 1997, 304, 209-217.	2.3	21
72	Screening of Garlic Water Extract for Binding Activity with Cholera Toxin B Pentamer by NMR Spectroscopy â€“ An Old Remedy Giving a New Surprise. European Journal of Organic Chemistry, 2006, 2006, 2067-2073.	2.4	21

#	Article	IF	Citations
73	Structure of a galactomannan isolated from the cell wall of the fungus Lineolata rhizophorae. Carbohydrate Research, 2007, 342, 2599-2603.	2.3	21
74	Thioglycoligase derived from fungal GH3 Î²-xylosidase is a multi-glycoligase with broad acceptor tolerance. Nature Communications, 2020, 11, 4864.	12.8	21
75	Optimization of lipase-catalyzed synthesis of Î²-sitostanol esters by response surface methodology. Food Chemistry, 2018, 261, 139-148.	8.2	20
76	Fatty acid composition and taxonomic status of Ganoderma australe from southern chile. Mycological Research, 1991, 95, 782-784.	2.5	19
77	Differences in cell wall polysaccharides of several species ofEupenicillium. FEMS Microbiology Letters, 1993, 108, 341-345.	1.8	19
78	Fungal cell-wall galactomannans isolated from Geotrichum spp. and their teleomorphs, Dipodascus and Galactomyces. Carbohydrate Research, 2002, 337, 2347-2351.	2.3	19
79	Structural elucidation of fungal polysaccharides isolated from the cell wall of Plectosphaerella cucumerina and Verticillium spp.. Carbohydrate Research, 2006, 341, 246-252.	2.3	19
80	Fungal cell wall polysaccharides isolated from Discula destructiva spp.. Carbohydrate Research, 2007, 342, 1138-1143.	2.3	19
81	Enzymatic degradation of Elephant grass (Pennisetum purpureum) stems: Influence of the pith and bark in the total hydrolysis. Bioresource Technology, 2014, 167, 469-475.	9.6	19
82	Expression and properties of three novel fungal lipases/sterol esterases predicted in silico: comparison with other enzymes of the Candida rugosa-like family. Applied Microbiology and Biotechnology, 2015, 99, 10057-10067.	3.6	19
83	Fungal cell wall galactomannan isolated from Apodus deciduus. Carbohydrate Research, 2002, 337, 1503-1506.	2.3	18
84	A specific immunological method to detect and quantify bacterial 2-substituted (1,3)-Î²-d-glucan. Carbohydrate Polymers, 2014, 113, 39-45.	10.2	17
85	Heterologous expression of a fungal sterol esterase/lipase in different hosts: Effect on solubility, glycosylation and production. Journal of Bioscience and Bioengineering, 2015, 120, 637-643.	2.2	17
86	cpsA regulates mycotoxin production, morphogenesis and cell wall biosynthesis in the fungus Aspergillus nidulans. Molecular Microbiology, 2017, 105, 1-24.	2.5	17
87	A Sustainable Approach of Enzymatic Grafting onEucalyptus globulusWood by Laccase from the Newly Isolated White-Rot BasidiomyceteMarasmiellus palmivorusVE111. ACS Sustainable Chemistry and Engineering, 2019, 7, 13418-13424.	6.7	17
88	Lactic Acid Bacteria Isolated from Fermented Doughs in Spain Produce Dextrans and Riboflavin. Foods, 2021, 10, 2004.	4.3	17
89	Fungal glycosyl hydrolases for sustainable plant biomass valorization: Talaromyces amestolkiae as a model fungus. International Microbiology, 2021, 24, 545-558.	2.4	17
90	Characterization of a Dye-Decolorizing Peroxidase from Irpex lacteus Expressed in Escherichia coli: An Enzyme with Wide Substrate Specificity Able to Transform Lignosulfonates. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.5	16

#	Article	IF	Citations
91	Chemical structure and conformational features of cell-wall polysaccharides isolated from Aphanoascus mephitalus and related species. Carbohydrate Research, 1993, 250, 289-299.	2.3	15
92	The Fusarium oxysporum gnt2, Encoding a Putative N-Acetylglucosamine Transferase, Is Involved in Cell Wall Architecture and Virulence. PLoS ONE, 2013, 8, e84690.	2.5	15
93	Characterization of the Sorbitol Utilization Cluster of the Probiotic Pediococcus parvulus 2.6: Genetic, Functional and Complementation Studies in Heterologous Hosts. Frontiers in Microbiology, 2017, 8, 2393.	3.5	15
94	Analysis of technological and probiotic properties of Algerian L. mesenteroides strains isolated from dairy and non-dairy products. Journal of Functional Foods, 2018, 49, 351-361.	3.4	15
95	Different Modes of Regulation of the Expression of Dextransucrase in Leuconostoc lactis AV1n and Lactobacillus sakei MN1. Frontiers in Microbiology, 2019, 10, 959.	3.5	15
96	Optimization of Î²-1,4-Endoxylanase Production by an Aspergillus niger Strain Growing on Wheat Straw and Application in Xylooligosaccharides Production. Molecules, 2021, 26, 2527.	3.8	15
97	Comparison of cell-wall polysaccharides from Nectria cinnabarina with those from the group of Nectria with Sesquicillium anamorphs. Microbiology (United Kingdom), 2001, 147, 1839-1849.	1.8	15
98	Chemical structure of a polysaccharide isolated from the cell wall of Arachniotus verruculosus and A. ruber. Carbohydrate Research, 2001, 336, 325-328.	2.3	14
99	Polysaccharides from the Cell Walls of Pineapple Fruit. Journal of Agricultural and Food Chemistry, 1995, 43, 608-612.	5.2	13
100	Enzymatic fine-tuning for 2-(6-hydroxynaphthyl) Î²-d-xylopyranoside synthesis catalyzed by the recombinant Î²-xylosidase BxTW1 from Talaromyces amestolkiae. Microbial Cell Factories, 2016, 15, 171.	4.0	13
101	Biochemical studies on the cell wall degradation of Fusarium oxysporum f. sp. lycopersici race 2 by its own lytic enzymes for its biocontrol. Letters in Applied Microbiology, 1995, 20, 105-109.	2.2	12
102	Hydrolysis of sterol esters by an esterase from Ophiostoma piceae: application to pitch control in pulping of Eucalyptus globulus wood. International Journal of Biotechnology, 2004, 6, 367.	1.2	12
103	Î±-galf1â†'6-Î±-mannopyranoside side chains inParacoccidioides brasiliensiscell wall are shared by members of the Onygenales, but not by galactomannans of other fungal genera. Medical Mycology, 2005, 43, 153-159.	0.7	12
104	Isolation and structural determination of a unique polysaccharide containing mannofuranose from the cell wall of the fungus Acrospermum compressum. Glycoconjugate Journal, 2007, 24, 421-428.	2.7	12
105	Structural characterization of a cell wall polysaccharide from Penicillium vermoesenii: chemotaxonomic application. Canadian Journal of Botany, 1999, 77, 961-968.	1.1	11
106	Structural Analysis of the Interactions Between Hsp70 Chaperones and the Yeast DNA Replication Protein Orc4p. Journal of Molecular Biology, 2010, 403, 24-39.	4.2	11
107	Differential Recognition of Mannoseâ€Based Polysaccharides by Tripodal Receptors Based on a Triethylbenzene Scaffold Substituted with Trihydroxybenzoyl Moieties. European Journal of Organic Chemistry, 2013, 2013, 65-76.	2.4	11
108	Potential ofOphiostoma piceaesterol esterase for biotechnologically relevant hydrolysis reactions. Bioengineered, 2013, 4, 249-253.	3.2	11

#	Article	IF	Citations
109	Purification of a new galactanase from Penicillium oxalicum catalysing the hydrolysis of Î²-(1â†'5)-galactofuran linkages. Biochemical Journal, 1992, 281, 657-660.	3.7	10
110	Structure of fungal polysaccharides isolated from the cell-wall of three strains of Verticillium fungicola. Carbohydrate Polymers, 2002, 50, 209-212.	10.2	10
111	Characterization of Pediococcus ethanolidurans CUPV141: A Î²-D-glucan- and Heteropolysaccharide-Producing Bacterium. Frontiers in Microbiology, 2018, 9, 2041.	3.5	10
112	Structural elucidation of a cell wall fungal polysaccharide isolated from Ustilaginoidea virens, a pathogenic fungus of Oriza sativa and Zea mays. Carbohydrate Research, 2008, 343, 2980-2984.	2.3	9
113	Disclosing diversity of exopolysaccharide-producing lactobacilli from Spanish natural ciders. LWT - Food Science and Technology, 2018, 90, 469-474.	5.2	9
114	Heteropolysaccharide-producing bifidobacteria for the development of functional dairy products. LWT - Food Science and Technology, 2019, 102, 295-303.	5.2	9
115	Versatile Lipases from theCandida rugosa-like Family: A Mechanistic Insight Using Computational Approaches. Journal of Chemical Information and Modeling, 2021, 61, 913-920.	5.4	9
116	Low temperature thermal behaviour of chitins and chitinâ€"glucans. Thermochimica Acta, 1992, 211, 241-254.	2.7	8
117	Structure of a cell wall polysaccharide isolated from Hypocreagelatinosa. Carbohydrate Research, 2001, 333, 173-178.	2.3	8
118	Structural characterization of a cell wall polysaccharide from Penicillium vermoesenii: chemotaxonomic application. Canadian Journal of Botany, 1999, 77, 961-968.	1.1	8
119	Cell wall polysaccharides F1SS disclose the relatedness of the genus Geosmithia with Eupenicillium and Talaromyces. Canadian Journal of Botany, 2002, 80, 410-415.	1.1	7
120	The Helical Structure Propensity in the First Helix of the Histidine Phosphocarrier Protein of Streptomyces coelicolor. Protein and Peptide Letters, 2007, 14, 281-290.	0.9	7
121	Comparative proteomic analyses reveal that Gnt2-mediated N -glycosylation affects cell wall glycans and protein content in Fusarium oxysporum. Journal of Proteomics, 2015, 128, 189-202.	2.4	7
122	Rhizoctonia solani fucomannogalactan: Chemical characterization and antiproliferative activity. International Journal of Biological Macromolecules, 2018, 115, 106-113.	7.5	7
123	Exploiting xylan as sugar donor for the synthesis of an antiproliferative xyloside using an enzyme cascade. Microbial Cell Factories, 2019, 18, 174.	4.0	7
124	Improvement of the Activity of a Fungal Versatile-Lipase Toward Triglycerides: An in silico Mechanistic Description. Frontiers in Bioengineering and Biotechnology, 2019, 7, 71.	4.1	7
125	Effect of the Immobilization Strategy on the Efficiency and Recyclability of the Versatile Lipase from Ophiostoma piceae. Molecules, 2019, 24, 1313.	3.8	7
126	Immobilized Forms of the Ophiostoma piceae Lipase for Green Synthesis of Biodiesel. Comparison with Eversa Transform 2.0 and Cal A. Journal of Fungi (Basel, Switzerland), 2021, 7, 822.	3.5	7

#	Article	IF	Citations
127	Enzymatic glycosylation of bioactive acceptors catalyzed by an immobilized fungal Î²-xylosidase and its multi-glycoligase variant. International Journal of Biological Macromolecules, 2021, 167, 245-254.	7.5	6
128	Cell wall polysaccharides of four strains ofPaecilomyces variotii. Current Microbiology, 1994, 28, 169-173.	2.2	5
129	Biochemical studies on the cell wall degradation of Fusarium oxysporum f.sp. lycopersici race 2 by lytic enzymes from Mucorales for its biocontrol. Letters in Applied Microbiology, 1994, 18, 152-155.	2.2	5
130	Alkali-extractable and water-soluble polysaccharide (F1SS): a chemotaxonomic and phylogenetic character for Cephalotheca. Mycological Research, 2002, 106, 1187-1192.	2.5	5
131	Cell wall polysaccharides isolated from the fungus Neotestudina rosatii, one of the etiologic agents of mycetoma in man. Glycoconjugate Journal, 2009, 26, 1047-1054.	2.7	5
132	Evaluation of an O2-Substituted (1â€“3)-Î²-D-Glucan, Produced by Pediococcus parvulus 2.6, in ex vivo Models of Crohnâ€™s Disease. Frontiers in Microbiology, 2021, 12, 621280.	3.5	5
133	Lytic Polysaccharide Monooxygenase from Talaromyces amestolkiae with an Enigmatic Linker-like Region: The Role of This Enzyme on Cellulose Saccharification. International Journal of Molecular Sciences, 2021, 22, 13611.	4.1	5
134	Glycosylation of Epigallocatechin Gallate by Engineered Glycoside Hydrolases from Talaromyces amestolkiae: Potential Antiproliferative and Neuroprotective Effect of These Molecules. Antioxidants, 2022, 11, 1325.	5.1	5
135	Chemical composition and characterization of a galactomannoglucan from wall material. FEMS Microbiology Letters, 1990, 70, 331-335.	1.8	4
136	Cell wall degradation of Fusarium oxysporum f.sp. lycopersici race 2 by lytic enzymes from different Fusarium species for its biocontrol. Letters in Applied Microbiology, 1995, 20, 385-390.	2.2	4
137	A Fungal Versatile GH10 Endoxylanase and Its Glycosynthase Variant: Synthesis of Xylooligosaccharides and Glycosides of Bioactive Phenolic Compounds. International Journal of Molecular Sciences, 2022, 23, 1383.	4.1	3
138	Sustainable and Green Synthesis of Stanol Esters from Oil Wastes. Journal of Agricultural and Food Chemistry, 2021, 69, 286-293.	5.2	2
139	Structure of a Cell Wall Rhamnogalactomannan Isolated from Cubonia bulbifera. Journal of Carbohydrate Chemistry, 2003, 22, 603-611.	1.1	1
140	Î²-1,4-endoglucanases from Talaromyces amestolkiae: Production of glucooligosaccharides from different Î²-glucans. Biocatalysis and Biotransformation, 2018, 36, 68-77.	2.0	1
141	Production of a Î²-Glucosidase-Rich Cocktail from Talaromyces amestolkiae Using Raw Glycerol: Its Role for Lignocellulose Waste Valorization. Journal of Fungi (Basel, Switzerland), 2021, 7, 363.	3.5	1
142	Immediate reactions with glatiramer acetate. Neurology: Clinical Practice, 2020, 10, 170-177.	1.6	0