

Alicia Prieto

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.

139
papers

3,417
citations

30
h-index

50
g-index

143
ext. papers

3,917
ext. citations

5.3
avg, IF

5.14
L-index

#	Paper	IF	Citations
139	Lytic Polysaccharide Monooxygenase from with an Enigmatic Linker-like Region: The Role of This Enzyme on Cellulose Saccharification.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
138	Sustainable and Green Synthesis of Stanol Esters from Oil Wastes. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 286-293	5.7	1
137	Hemicellulases from <i>Penicillium</i> and <i>Talaromyces</i> for lignocellulosic biomass valorization: A review. <i>Bioresource Technology</i> , 2021 , 324, 124623	11	13
136	Characterization of a Dye-Decolorizing Peroxidase from Expressed in : An Enzyme with Wide Substrate Specificity Able to Transform Lignosulfonates. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	6
135	Optimization of β -1,4-Endoxylanase Production by an Strain Growing on Wheat Straw and Application in Xylooligosaccharides Production. <i>Molecules</i> , 2021 , 26,	4.8	5
134	The role of dextran production in the metabolic context of <i>Leuconostoc</i> and <i>Weissella</i> Tunisian strains. <i>Carbohydrate Polymers</i> , 2021 , 253, 117254	10.3	10
133	Enzymatic glycosylation of bioactive acceptors catalyzed by an immobilized fungal β -xylosidase and its multi-glycoligase variant. <i>International Journal of Biological Macromolecules</i> , 2021 , 167, 245-254	7.9	2
132	Evaluation of an 2-Substituted (1-3)- β -D-Glucan, Produced by 2.6, in Models of Crohn's Disease. <i>Frontiers in Microbiology</i> , 2021 , 12, 621280	5.7	3
131	Versatile Lipases from the -like Family: A Mechanistic Insight Using Computational Approaches. <i>Journal of Chemical Information and Modeling</i> , 2021 , 61, 913-920	6.1	2
130	Lactic Acid Bacteria Isolated from Fermented Doughs in Spain Produce Dextrans and Riboflavin. <i>Foods</i> , 2021 , 10,	4.9	2
129	Fungal glycosyl hydrolases for sustainable plant biomass valorization: <i>Talaromyces amestolkiae</i> as a model fungus. <i>International Microbiology</i> , 2021 , 24, 545-558	3	3
128	Immobilized Forms of the Lipase for Green Synthesis of Biodiesel. Comparison with Eversa Transform 2.0 and Cal A. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	4
127	A glucotolerant β -glucosidase from the fungus <i>Talaromyces amestolkiae</i> and its conversion into a glycosynthase for glycosylation of phenolic compounds. <i>Microbial Cell Factories</i> , 2020 , 19, 127	6.4	8
126	Lignin degradation and detoxification of eucalyptus wastes by on-site manufacturing fungal enzymes to enhance second-generation ethanol yield. <i>Applied Energy</i> , 2020 , 262, 114493	10.7	34
125	Immediate reactions with glatiramer acetate: Diagnosis of allergy and desensitization protocols. <i>Neurology: Clinical Practice</i> , 2020 , 10, 170-177	1.7	
124	Thioglycoligase derived from fungal GH3 β -xylosidase is a multi-glycoligase with broad acceptor tolerance. <i>Nature Communications</i> , 2020 , 11, 4864	17.4	8
123	Improvement of the Activity of a Fungal Versatile-Lipase Toward Triglycerides: An Mechanistic Description. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 71	5.8	4

122	Transglycosylation products generated by <i>Talaromyces amestolkiae</i> GH3 β -glucosidases: effect of hydroxytyrosol, vanillin and its glucosides on breast cancer cells. <i>Microbial Cell Factories</i> , 2019 , 18, 97	6.4	10
121	Different Modes of Regulation of the Expression of Dextranucrase in AV1n and MN1. <i>Frontiers in Microbiology</i> , 2019 , 10, 959	5.7	7
120	Effect of the Immobilization Strategy on the Efficiency and Recyclability of the Versatile Lipase from. <i>Molecules</i> , 2019 , 24,	4.8	6
119	A Sustainable Approach of Enzymatic Grafting on Eucalyptus globulus Wood by Laccase from the Newly Isolated White-Rot Basidiomycete <i>Marasmiellus palmivorus</i> VE111. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13418-13424	8.3	12
118	Exploiting xylan as sugar donor for the synthesis of an antiproliferative xyloside using an enzyme cascade. <i>Microbial Cell Factories</i> , 2019 , 18, 174	6.4	3
117	Heteropolysaccharide-producing bifidobacteria for the development of functional dairy products. <i>LWT - Food Science and Technology</i> , 2019 , 102, 295-303	5.4	4
116	Characterization of dextrans produced by <i>Lactobacillus mali</i> CUPV271 and <i>Leuconostoc carnosum</i> CUPV411. <i>Food Hydrocolloids</i> , 2019 , 89, 613-622	10.6	14
115	<i>Rhizoctonia solani</i> fucomannogalactan: Chemical characterization and antiproliferative activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 115, 106-113	7.9	3
114	Disclosing diversity of exopolysaccharide-producing lactobacilli from Spanish natural ciders. <i>LWT - Food Science and Technology</i> , 2018 , 90, 469-474	5.4	6
113	The β -glucosidase secreted by under carbon starvation: a versatile catalyst for biofuel production from plant and algal biomass. <i>Biotechnology for Biofuels</i> , 2018 , 11, 123	7.8	22
112	β 1,4-endoglucanases from <i>Talaromyces amestolkiae</i> : Production of glucooligosaccharides from different β -glucans. <i>Biocatalysis and Biotransformation</i> , 2018 , 36, 68-77	2.5	1
111	Optimization of lipase-catalyzed synthesis of β -sitosterol esters by response surface methodology. <i>Food Chemistry</i> , 2018 , 261, 139-148	8.5	15
110	Characterization of CUPV141: A β -D-glucan- and Heteropolysaccharide-Producing Bacterium. <i>Frontiers in Microbiology</i> , 2018 , 9, 2041	5.7	5
109	Analysis of technological and probiotic properties of Algerian <i>L. mesenteroides</i> strains isolated from dairy and non-dairy products. <i>Journal of Functional Foods</i> , 2018 , 49, 351-361	5.1	7
108	<i>Lactobacillus plantarum</i> CIDCA 8327: An β -glucan producing-strain isolated from kefir grains. <i>Carbohydrate Polymers</i> , 2017 , 170, 52-59	10.3	25
107	<i>cpsA</i> regulates mycotoxin production, morphogenesis and cell wall biosynthesis in the fungus <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 2017 , 105, 1-24	4.1	7
106	Unraveling Massive Crocins Transport and Accumulation through Proteome and Microscopy Tools during the Development of Saffron Stigma. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	33
105	Enzymatic Synthesis of a Novel Neuroprotective Hydroxytyrosyl Glycoside. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 10526-10533	5.7	18

104	Differential α -glucosidase expression as a function of carbon source availability in : a genomic and proteomic approach. <i>Biotechnology for Biofuels</i> , 2017 , 10, 161	7.8	15
103	Rheology and bioactivity of high molecular weight dextrans synthesised by lactic acid bacteria. <i>Carbohydrate Polymers</i> , 2017 , 174, 646-657	10.3	38
102	α (1 \rightarrow 3,1 \rightarrow 6)-d-glucans produced by Diaporthe sp. endophytes: Purification, chemical characterization and antiproliferative activity against MCF-7 and HepG2-C3A cells. <i>International Journal of Biological Macromolecules</i> , 2017 , 94, 431-437	7.9	22
101	Green synthesis of β -sitosterol esters catalyzed by the versatile lipase/sterol esterase from <i>Ophiostoma piceae</i> . <i>Food Chemistry</i> , 2017 , 221, 1458-1465	8.5	23
100	Characterization of the Sorbitol Utilization Cluster of the Probiotic 2.6: Genetic, Functional and Complementation Studies in Heterologous Hosts. <i>Frontiers in Microbiology</i> , 2017 , 8, 2393	5.7	7
99	Lignin depolymerization by fungal secretomes and a microbial sink. <i>Green Chemistry</i> , 2016 , 18, 6046-6062	6.0	62
98	Evidence of the presence of nucleic acids and β -glucan in the matrix of non-typeable <i>Haemophilus influenzae</i> in vitro biofilms. <i>Scientific Reports</i> , 2016 , 6, 36424	4.9	24
97	Properties, structure, and applications of microbial sterol esterases. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 2047-61	5.7	28
96	Enzymatic fine-tuning for 2-(6-hydroxynaphthyl) β -xylopyranoside synthesis catalyzed by the recombinant β -xylosidase BxTW1 from <i>Talaromyces amestolkiae</i> . <i>Microbial Cell Factories</i> , 2016 , 15, 171	6.4	9
95	Structural traits and catalytic versatility of the lipases from the <i>Candida rugosa</i> -like family: A review. <i>Biotechnology Advances</i> , 2016 , 34, 874-885	17.8	54
94	Degradation of bisphenol A by different fungal laccases and identification of its degradation products. <i>International Biodeterioration and Biodegradation</i> , 2016 , 110, 181-188	4.8	68
93	Dextrans produced by lactic acid bacteria exhibit antiviral and immunomodulatory activity against salmonid viruses. <i>Carbohydrate Polymers</i> , 2015 , 124, 292-301	10.3	66
92	Production and partial characterization of exopolysaccharides produced by two <i>Lactobacillus suebicus</i> strains isolated from cider. <i>International Journal of Food Microbiology</i> , 2015 , 214, 54-62	5.8	48
91	Novel pH-Stable Glycoside Hydrolase Family 3 β -xylosidase from <i>Talaromyces amestolkiae</i> : an Enzyme Displaying Regioselective Transxylosylation. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 6380-92	4.8	30
90	Heterologous expression of a fungal sterol esterase/lipase in different hosts: Effect on solubility, glycosylation and production. <i>Journal of Bioscience and Bioengineering</i> , 2015 , 120, 637-43	3.3	12
89	Comparative proteomic analyses reveal that Gnt2-mediated N-glycosylation affects cell wall glycans and protein content in <i>Fusarium oxysporum</i> . <i>Journal of Proteomics</i> , 2015 , 128, 189-202	3.9	7
88	Expression and properties of three novel fungal lipases/sterol esterases predicted in silico: comparison with other enzymes of the <i>Candida rugosa</i> -like family. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 10057-67	5.7	15
87	5-hydroxymethylfurfural conversion by fungal aryl-alcohol oxidase and unspecific peroxygenase. <i>FEBS Journal</i> , 2015 , 282, 3218-29	5.7	105

86	Crystal structures of <i>Ophiostoma piceae</i> sterol esterase: structural insights into activation mechanism and product release. <i>Journal of Structural Biology</i> , 2014 , 187, 215-222	3.4	24
85	A specific immunological method to detect and quantify bacterial 2-substituted (1,3)- β -D-glucan. <i>Carbohydrate Polymers</i> , 2014 , 113, 39-45	10.3	11
84	Enzymatic degradation of Elephant grass (<i>Pennisetum purpureum</i>) stems: influence of the pith and bark in the total hydrolysis. <i>Bioresource Technology</i> , 2014 , 167, 469-75	11	17
83	Purification and biochemical characterization of a new alkali-stable laccase from <i>Trametes</i> sp. isolated in Tunisia: role of the enzyme in olive mill waste water treatment. <i>World Journal of Microbiology and Biotechnology</i> , 2013 , 29, 2145-55	4.4	25
82	Differential proteomic analysis of the secretome of <i>Irpex lacteus</i> and other white-rot fungi during wheat straw pretreatment. <i>Biotechnology for Biofuels</i> , 2013 , 6, 115	7.8	65
81	Fungal genomes mining to discover novel sterol esterases and lipases as catalysts. <i>BMC Genomics</i> , 2013 , 14, 712	4.5	21
80	Differential Recognition of Mannose-Based Polysaccharides by Tripodal Receptors Based on a Triethylbenzene Scaffold Substituted with Trihydroxybenzoyl Moieties. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 65-76	3.2	11
79	Insight into the composition of the intercellular matrix of <i>Streptococcus pneumoniae</i> biofilms. <i>Environmental Microbiology</i> , 2013 , 15, 502-16	5.2	42
78	Sugar recoveries from wheat straw following treatments with the fungus <i>Irpex lacteus</i> . <i>Bioresource Technology</i> , 2013 , 131, 218-25	11	47
77	Versatile peroxidase as a valuable tool for generating new biomolecules by homogeneous and heterogeneous cross-linking. <i>Enzyme and Microbial Technology</i> , 2013 , 52, 303-11	3.8	26
76	Comparative analysis of production and purification of homo- and hetero-polysaccharides produced by lactic acid bacteria. <i>Carbohydrate Polymers</i> , 2013 , 93, 57-64	10.3	71
75	Characterization of a novel dye-decolorizing peroxidase (DyP)-type enzyme from <i>Irpex lacteus</i> and its application in enzymatic hydrolysis of wheat straw. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 4316-24	4.8	102
74	Potential of <i>Ophiostoma piceae</i> sterol esterase for biotechnologically relevant hydrolysis reactions. <i>Bioengineered</i> , 2013 , 4, 249-53	5.7	7
73	The <i>Fusarium oxysporum</i> gnt2, encoding a putative N-acetylglucosamine transferase, is involved in cell wall architecture and virulence. <i>PLoS ONE</i> , 2013 , 8, e84690	3.7	14
72	Tannic acid-dependent modulation of selected <i>Lactobacillus plantarum</i> traits linked to gastrointestinal survival. <i>PLoS ONE</i> , 2013 , 8, e66473	3.7	20
71	Biodeinking of flexographic inks by fungal laccases using synthetic and natural mediators. <i>Biochemical Engineering Journal</i> , 2012 , 67, 97-103	4.2	34
70	Characterization of exopolysaccharides produced by <i>Bifidobacterium longum</i> NB667 and its cholate-resistant derivative strain IPLA B667dCo. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 1028-35	5.7	22
69	Structures of wall heterogalactomannans isolated from three genera of entomopathogenic fungi. <i>Fungal Biology</i> , 2011 , 115, 862-70	2.8	24

68	Fungal pretreatment: An alternative in second-generation ethanol from wheat straw. <i>Bioresource Technology</i> , 2011 , 102, 7500-6	11	241
67	An assessment of fungal wall heteromannans as a phylogenetically informative character in ascomycetes. <i>FEMS Microbiology Reviews</i> , 2010 , 34, 986-1014	15.1	27
66	The basic helix-loop-helix region of human neurogenin 1 is a monomeric natively unfolded protein which forms a "fuzzy" complex upon DNA binding. <i>Biochemistry</i> , 2010 , 49, 1577-89	3.2	32
65	Screening and selection of 2-branched (1,3)-beta-D-glucan producing lactic acid bacteria and exopolysaccharide characterization. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 6149-56	5.7	26
64	Structural analysis of the interactions between hsp70 chaperones and the yeast DNA replication protein Orc4p. <i>Journal of Molecular Biology</i> , 2010 , 403, 24-39	6.5	10
63	Cell wall polysaccharides isolated from the fungus <i>Neotestudina rosatii</i> , one of the etiologic agents of mycetoma in man. <i>Glycoconjugate Journal</i> , 2009 , 26, 1047-54	3	4
62	Laccase detoxification of steam-exploded wheat straw for second generation bioethanol. <i>Bioresource Technology</i> , 2009 , 100, 6378-84	11	161
61	Production of exopolysaccharides by <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains of human origin, and metabolic activity of the producing bacteria in milk. <i>Journal of Dairy Science</i> , 2009 , 92, 4158-68	4	94
60	Evaluation of exopolysaccharide production by <i>Leuconostoc mesenteroides</i> strains isolated from wine. <i>Journal of Food Science</i> , 2008 , 73, M196-9	3.4	21
59	Negative regulation of pPS10 plasmid replication: origin pairing by zipping-up DNA-bound RepA monomers. <i>Molecular Microbiology</i> , 2008 , 68, 560-72	4.1	22
58	A polysaccharide from <i>Lichina pygmaea</i> and <i>L. confinis</i> supports the recognition of <i>Lichinomycetes</i> . <i>Mycological Research</i> , 2008 , 112, 381-8		22
57	Heterologous expression of a position 2-substituted (1->3)-beta-D-glucan in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 2008 , 74, 5259-62	4.8	26
56	Structural elucidation of a cell wall fungal polysaccharide isolated from <i>Ustilaginoidea virens</i> , a pathogenic fungus of <i>Oriza sativa</i> and <i>Zea mays</i> . <i>Carbohydrate Research</i> , 2008 , 343, 2980-4	2.9	9
55	Modification and activation of Ras proteins by electrophilic prostanoids with different structure are site-selective. <i>Biochemistry</i> , 2007 , 46, 6607-16	3.2	58
54	Structure of a galactomannan isolated from the cell wall of the fungus <i>Lineolata rhizophorae</i> . <i>Carbohydrate Research</i> , 2007 , 342, 2599-603	2.9	19
53	Isolation and structural determination of a unique polysaccharide containing mannofuranose from the cell wall of the fungus <i>Acrospermum compressum</i> . <i>Glycoconjugate Journal</i> , 2007 , 24, 421-8	3	12
52	Fungal cell wall polysaccharides isolated from <i>Discula destructiva</i> spp. <i>Carbohydrate Research</i> , 2007 , 342, 1138-43	2.9	18
51	The helical structure propensity in the first helix of the histidine phosphocarrier protein of <i>Streptomyces coelicolor</i> . <i>Protein and Peptide Letters</i> , 2007 , 14, 281-90	1.9	6

50	Screening of Garlic Water Extract for Binding Activity with Cholera Toxin B Pentamer by NMR Spectroscopy [An Old Remedy Giving a New Surprise. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 2067-2073	3.2	16
49	Structural elucidation of fungal polysaccharides isolated from the cell wall of <i>Plectosphaerella cucumerina</i> and <i>Verticillium</i> spp. <i>Carbohydrate Research</i> , 2006 , 341, 246-52	2.9	16
48	alpha-galactose-1->6-alpha-mannopyranoside side chains in <i>Paracoccidioides brasiliensis</i> cell wall are shared by members of the Onygenales, but not by galactomannans of other fungal genera. <i>Medical Mycology</i> , 2005 , 43, 153-9	3.9	9
47	The dimerization domain of the HIV-1 capsid protein binds a capsid protein-derived peptide: a biophysical characterization. <i>Protein Science</i> , 2004 , 13, 1512-23	6.3	40
46	Differences among the cell wall galactomannans from <i>Aspergillus wentii</i> and <i>Chaetosartorya chrysellata</i> and that of <i>Aspergillus fumigatus</i> . <i>Glycoconjugate Journal</i> , 2004 , 20, 239-46	3	33
45	Hydrolysis of sterol esters by an esterase from <i>Ophiostoma piceae</i> : application to pitch control in pulping of <i>Eucalyptus globulus</i> wood. <i>International Journal of Biotechnology</i> , 2004 , 6, 367	0	11
44	Structural differences between the alkali-extracted water-soluble cell wall polysaccharides from mycelial and yeast phases of the pathogenic dimorphic fungus <i>Paracoccidioides brasiliensis</i> . <i>Glycobiology</i> , 2003 , 13, 743-7	5.8	22
43	Structure of a Cell Wall Rhamnogalactomannan Isolated from <i>Cubonia bulbifera</i> . <i>Journal of Carbohydrate Chemistry</i> , 2003 , 22, 603-611	1.7	1
42	Studies of new polysaccharides from <i>Lasallia pustulata</i> (L.) Hoffm. <i>Lichenologist</i> , 2003 , 35, 177-185	1.1	20
41	Alkali-extractable and water-soluble polysaccharide (F1SS): a chemotaxonomic and phylogenetic character for <i>Cephalotheca</i> . <i>Mycological Research</i> , 2002 , 106, 1187-1192		5
40	Structure of fungal polysaccharides isolated from the cell-wall of three strains of <i>Verticillium fungicola</i> . <i>Carbohydrate Polymers</i> , 2002 , 50, 209-212	10.3	9
39	Fungal cell wall galactomannan isolated from <i>Apodys decedius</i> . <i>Carbohydrate Research</i> , 2002 , 337, 1503-69		13
38	Fungal cell-wall galactomannans isolated from <i>Geotrichum</i> spp. and their teleomorphs, <i>Dipodascus</i> and <i>Galactomyces</i> . <i>Carbohydrate Research</i> , 2002 , 337, 2347-51	2.9	18
37	Cell wall polysaccharides F1SS disclose the relatedness of the genus <i>Geosmithia</i> with <i>Eupenicillium</i> and <i>Talaromyces</i> . <i>Canadian Journal of Botany</i> , 2002 , 80, 410-415		6
36	Structure of a cell wall polysaccharide isolated from <i>Hypocrea gelatinosa</i> . <i>Carbohydrate Research</i> , 2001 , 333, 173-8	2.9	7
35	Chemical structure of a polysaccharide isolated from the cell wall of <i>Arachniotus verruculosus</i> and <i>A. ruber</i> . <i>Carbohydrate Research</i> , 2001 , 336, 325-8	2.9	13
34	Comparison of cell-wall polysaccharides from <i>Nectria cinnabarina</i> with those from the group of <i>Nectria</i> with <i>Sesquicillium</i> anamorphs. <i>Microbiology (United Kingdom)</i> , 2001 , 147, 1839-1849	2.9	14
33	Heterogeneity of the genus <i>Myrothecium</i> as revealed by cell wall polysaccharides. <i>Archives of Microbiology</i> , 2000 , 173, 296-302	3	38

32	An acidic water-soluble cell wall polysaccharide: a chemotaxonomic marker for <i>Fusarium</i> and <i>Gibberella</i> . <i>Mycological Research</i> , 2000 , 104, 603-610		29
31	Structural characterization of a cell wall polysaccharide from <i>Penicillium vermoeseni</i> : chemotaxonomic application. <i>Canadian Journal of Botany</i> , 1999 , 77, 961-968		9
30	Galactomannans from the cell walls of species of <i>Paecilomyces</i> sect. <i>Paecilomyces</i> and their teleomorphs as immunotaxonomic markers. <i>Microbiology (United Kingdom)</i> , 1999 , 145 (Pt 10), 2789-96	2.9	21
29	Structural characterization of a cell wall polysaccharide from <i>Penicillium vermoeseni</i> : chemotaxonomic application. <i>Canadian Journal of Botany</i> , 1999 , 77, 961-968		5
28	Possible chemotypes from cell wall polysaccharides, as an aid in the systematics of <i>Penicillium</i> and its teleomorphic states <i>Eupenicillium</i> and <i>Talaromyces</i> . <i>Mycological Research</i> , 1997 , 101, 1259-1264		32
27	Structural elucidation of acidic fungal polysaccharides isolated from the cell-wall of genera <i>Cylindrocladium</i> and <i>Calonectria</i> . <i>Carbohydrate Research</i> , 1997 , 303, 67-72	2.9	19
26	Studies on the structure and the solution conformation of an acidic extracellular polysaccharide isolated from <i>Bradyrhizobium</i> . <i>Carbohydrate Research</i> , 1997 , 304, 209-17	2.9	19
25	Structure of complex cell wall polysaccharides isolated from <i>Trichoderma</i> and <i>Hypocrea</i> species. <i>Carbohydrate Research</i> , 1997 , 304, 281-91	2.9	31
24	Structural characterization of extracellular polysaccharides produced by fungi from the genus <i>Pleurotus</i> . <i>Carbohydrate Research</i> , 1996 , 281, 143-54	2.9	122
23	Structural investigation of a cell-wall galactomannan from <i>Neurospora crassa</i> and <i>N. sitophila</i> . <i>Carbohydrate Research</i> , 1996 , 283, 215-22	2.9	24
22	Polysaccharides from the Cell Walls of Pineapple Fruit. <i>Journal of Agricultural and Food Chemistry</i> , 1995 , 43, 608-612	5.7	13
21	Biochemical studies on the cell wall degradation of <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> race 2 by its own lytic enzymes for its biocontrol. <i>Letters in Applied Microbiology</i> , 1995 , 20, 105-109	2.9	12
20	Cell wall degradation of <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i> race 2 by lytic enzymes from different <i>Fusarium</i> species for its biocontrol. <i>Letters in Applied Microbiology</i> , 1995 , 20, 385-390	2.9	4
19	Isolation, purification and chemical characterization of alkali-extractable polysaccharides from the cell walls of <i>Talaromyces</i> species. <i>Mycological Research</i> , 1995 , 99, 69-75		27
18	Chemical structure of fungal cell-wall polysaccharides isolated from <i>Microsporium gypseum</i> and related species of <i>Microsporium</i> and <i>Trychophyton</i> . <i>Carbohydrate Research</i> , 1995 , 272, 121-128	2.9	20
17	Structural investigation of cell-wall polysaccharides from <i>Neosartorya</i> : relationships with their putative anamorphs of <i>Aspergillus</i> . <i>Carbohydrate Research</i> , 1995 , 273, 255-62	2.9	21
16	Cell wall polysaccharides of four strains of <i>Paecilomyces variotii</i> . <i>Current Microbiology</i> , 1994 , 28, 169-173	2.4	5
15	Structural investigation of two cell-wall polysaccharides of <i>Penicillium expansum</i> strains. <i>Carbohydrate Research</i> , 1994 , 257, 239-48	2.9	29

14	Structural studies of fungal cell-wall polysaccharides from two strains of <i>Talaromyces flavus</i> . <i>Carbohydrate Research</i> , 1994 , 251, 315-25	2.9	33
13	Biochemical studies on the cell wall degradation of <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i> race 2 by lytic enzymes from Mucorales for its biocontrol. <i>Letters in Applied Microbiology</i> , 1994 , 18, 152-155	2.9	4
12	Anisaldehyde production and aryl-alcohol oxidase and dehydrogenase activities in ligninolytic fungi of the genus <i>Pleurotus</i> . <i>Applied and Environmental Microbiology</i> , 1994 , 60, 1783-8	4.8	116
11	Structure and conformational features of an alkali- and water-soluble galactofuranan from the cell walls of <i>Eupenicillium crustaceum</i> . <i>Carbohydrate Research</i> , 1993 , 244, 361-368	2.9	21
10	Chemical structure and conformational features of cell-wall polysaccharides isolated from <i>Aphanoascus mephitalus</i> and related species. <i>Carbohydrate Research</i> , 1993 , 250, 289-99	2.9	15
9	Differences in cell wall polysaccharides of several species of <i>Eupenicillium</i> . <i>FEMS Microbiology Letters</i> , 1993 , 108, 341-5	2.9	18
8	Purification of a new galactanase from <i>Penicillium oxalicum</i> catalysing the hydrolysis of beta-(1----5)-galactofuran linkages. <i>Biochemical Journal</i> , 1992 , 281 (Pt 3), 657-60	3.8	10
7	Chemical and structural similarities in wall polysaccharides of some <i>Penicillium</i> , <i>Eupenicillium</i> and <i>Aspergillus</i> species. <i>FEMS Microbiology Letters</i> , 1992 , 90, 165-168	2.9	39
6	Low temperature thermal behaviour of chitins and chitin-glucans. <i>Thermochimica Acta</i> , 1992 , 211, 241-254.	2.9	8
5	p-Hydroxyphenyl:Guaiacyl:Syringyl Ratio of Lignin in Some Austral Hardwoods Estimated by CuO-Oxidation and Solid-State NMR. <i>Holzforschung</i> , 1991 , 45, 279-284	2	19
4	Fatty acid composition and taxonomic status of <i>Ganoderma australe</i> from southern chile. <i>Mycological Research</i> , 1991 , 95, 782-784		18
3	Chemical composition and characterization of a galactomannoglucan from <i>Gliocladium viride</i> wall material. <i>FEMS Microbiology Letters</i> , 1990 , 70, 331-336	2.9	28
2	Chemical composition and characterization of a galactomannoglucan from wall material. <i>FEMS Microbiology Letters</i> , 1990 , 70, 331-335	2.9	3
1	Partial characterisation of galactofuranose-containing heteropolysaccharides from the cell walls of <i>Talaromyces helicus</i> . <i>Carbohydrate Research</i> , 1988 , 177, 265-272	2.9	24