

Alicia Prieto

List of Publications by Year in descending order

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142
papers

4,372
citations

126708

33
h-index

149479

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. <i>Bioresource Technology</i> , 2011, 102, 7500-7506.	4.8	282
2	Laccase detoxification of steam-exploded wheat straw for second generation bioethanol. <i>Bioresource Technology</i> , 2009, 100, 6378-6384.	4.8	180
3	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, 1783-1788.	1.4	147
4	Structural characterization of extracellular polysaccharides produced by fungi from the genus <i>Pleurotus</i> . <i>Carbohydrate Research</i> , 1996, 281, 143-154.	1.1	136
5	5-Hydroxymethylfurfural conversion by fungal aryl-alcohol oxidase and unspecific peroxygenase. <i>FEBS Journal</i> , 2015, 282, 3218-3229.	2.2	132
6	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, 4316-4324.	1.4	125
7	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, 4158-4168.	1.4	113
8	Comparative analysis of production and purification of homo- and hetero-polysaccharides produced by lactic acid bacteria. <i>Carbohydrate Polymers</i> , 2013, 93, 57-64.	5.1	95
9	Dextrans produced by lactic acid bacteria exhibit antiviral and immunomodulatory activity against salmonid viruses. <i>Carbohydrate Polymers</i> , 2015, 124, 292-301.	5.1	94
10	Degradation of bisphenol A by different fungal laccases and identification of its degradation products. <i>International Biodeterioration and Biodegradation</i> , 2016, 110, 181-188.	1.9	94
11	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.	6.2	84
12	Lignin depolymerization by fungal secretomes and a microbial sink. <i>Green Chemistry</i> , 2016, 18, 6046-6062.	4.6	84
13	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.	6.0	82
14	Rheology and bioactivity of high molecular weight dextrans synthesised by lactic acid bacteria. <i>Carbohydrate Polymers</i> , 2017, 174, 646-657.	5.1	66
15	Modification and Activation of Ras Proteins by Electrophilic Prostanoids with Different Structure are Site-Selective. <i>Biochemistry</i> , 2007, 46, 6607-6616.	1.2	62
16	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.	5.1	59
17	Production and partial characterization of exopolysaccharides produced by two <i>Lactobacillus</i> <i>suebicus</i> strains isolated from cider. <i>International Journal of Food Microbiology</i> , 2015, 214, 54-62.	2.1	58
18	Sugar recoveries from wheat straw following treatments with the fungus <i>Irpex lacteus</i> . <i>Bioresource Technology</i> , 2013, 131, 218-225.	4.8	51

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19	Insight into the composition of the intercellular matrix of <i>Streptococcus pneumoniae</i> biofilms. <i>Environmental Microbiology</i> , 2013, 15, 502-516.	1.8	46
20	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, 76.	1.8	46
21	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.	0.7	44
22	The dimerization domain of the HIV-1 capsid protein binds a capsid protein-derived peptide: A biophysical characterization. <i>Protein Science</i> , 2004, 13, 1512-1523.	3.1	44
23	Hemicellulases from <i>Penicillium</i> and <i>Talaromyces</i> for lignocellulosic biomass valorization: A review. <i>Bioresource Technology</i> , 2021, 324, 124623.	4.8	44
24	Biodeinking of flexographic inks by fungal laccases using synthetic and natural mediators. <i>Biochemical Engineering Journal</i> , 2012, 67, 97-103.	1.8	41
25	Heterogeneity of the genus <i>Myrothecium</i> as revealed by cell wall polysaccharides. <i>Archives of Microbiology</i> , 2000, 173, 296-302.	1.0	40
26	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, 6380-6392.	1.4	39
27	Properties, structure, and applications of microbial sterol esterases. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2047-2061.	1.7	39
28	Structure of complex cell wall polysaccharides isolated from <i>Trichoderma</i> and <i>Hypocrea</i> species. <i>Carbohydrate Research</i> , 1997, 304, 281-291.	1.1	37
29	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.	1.6	37
30	<i>Lactobacillus plantarum</i> CIDCA 8327: An α -glucan producing-strain isolated from kefir grains. <i>Carbohydrate Polymers</i> , 2017, 170, 52-59.	5.1	37
31	Structural studies of fungal cell-wall polysaccharides from two strains of <i>Talaromyces flavus</i> . <i>Carbohydrate Research</i> , 1994, 251, 315-325.	1.1	36
32	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.	2.5	36
33	Differences among the cell wall galactomannans from <i>Aspergillus wentii</i> and <i>Chaetosartorya chrysella</i> and that of <i>Aspergillus fumigatus</i> . <i>Glycoconjugate Journal</i> , 2003, 20, 239-246.	1.4	36
34	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, 1577-1589.	1.2	36
35	Chemical composition and characterization of a galactomannoglucan from <i>Gliocladium viride</i> wall material. <i>FEMS Microbiology Letters</i> , 1990, 70, 331-336.	0.7	33
36	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, 2145-2155.	1.7	33

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37	Crystal structures of Ophiostoma piceae sterol esterase: Structural insights into activation mechanism and product release. <i>Journal of Structural Biology</i> , 2014, 187, 215-222.	1.3	32
38	The β -glucosidase secreted by <i>Talaromyces amestolkiae</i> under carbon starvation: a versatile catalyst for biofuel production from plant and algal biomass. <i>Biotechnology for Biofuels</i> , 2018, 11, 123.	6.2	32
39	Structural investigation of two cell-wall polysaccharides of <i>Penicillium expansum</i> strains. <i>Carbohydrate Research</i> , 1994, 257, 239-248.	1.1	31
40	Heterologous Expression of a Position 2-Substituted (1 \rightarrow 3)- β -D-Glucan in <i>Lactococcus lactis</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 5259-5262.	1.4	31
41	Screening and Selection of 2-Branched (1,3)- β -D-Glucan Producing Lactic Acid Bacteria and Exopolysaccharide Characterization. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6149-6156.	2.4	31
42	Fungal genomes mining to discover novel sterol esterases and lipases as catalysts. <i>BMC Genomics</i> , 2013, 14, 712.	1.2	31
43	Characterization of dextrans produced by <i>Lactobacillus mali</i> CUPV271 and <i>Leuconostoc carnosum</i> CUPV411. <i>Food Hydrocolloids</i> , 2019, 89, 613-622.	5.6	31
44	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.	2.5	30
45	Versatile peroxidase as a valuable tool for generating new biomolecules by homogeneous and heterogeneous cross-linking. <i>Enzyme and Microbial Technology</i> , 2013, 52, 303-311.	1.6	30
46	Enzymatic Synthesis of a Novel Neuroprotective Hydroxytyrosyl Glycoside. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10526-10533.	2.4	30
47	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.	2.5	29
48	An assessment of fungal wall heteromannans as a phylogenetically informative character in ascomycetes. <i>FEMS Microbiology Reviews</i> , 2010, 34, 986-1014.	3.9	29
49	Green synthesis of β -sitostanol esters catalyzed by the versatile lipase/sterol esterase from <i>Ophiostoma piceae</i> . <i>Food Chemistry</i> , 2017, 221, 1458-1465.	4.2	29
50	β -(1 \rightarrow 3,1 \rightarrow 6)-D-glucans produced by <i>Diaporthe</i> 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.	3.6	28
51	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.	1.9	28
52	Tannic Acid-Dependent Modulation of Selected <i>Lactobacillus plantarum</i> Traits Linked to Gastrointestinal Survival. <i>PLoS ONE</i> , 2013, 8, e66473.	1.1	28
53	Partial characterisation of galactofuranose-containing heteropolysaccharides from the cell walls of <i>Talaromyces helicus</i> . <i>Carbohydrate Research</i> , 1988, 177, 265-272.	1.1	27
54	Structural investigation of a cell-wall galactomannan from <i>Neurospora crassa</i> and <i>N. sitophila</i> . <i>Carbohydrate Research</i> , 1996, 283, 215-222.	1.1	26

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55	Evaluation of Exopolysaccharide Production by <i>Leuconostoc mesenteroides</i> Strains Isolated from Wine. <i>Journal of Food Science</i> , 2008, 73, M196-M199.	1.5	26
56	Structures of wall heterogalactomannans isolated from three genera of entomopathogenic fungi. <i>Fungal Biology</i> , 2011, 115, 862-870.	1.1	26
57	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, 1028-1035.	2.4	26
58	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, 743-747.	1.3	25
59	Differential β -glucosidase expression as a function of carbon source availability in <i>Talaromyces amestolkiae</i> : a genomic and proteomic approach. <i>Biotechnology for Biofuels</i> , 2017, 10, 161.	6.2	25
60	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.	1.9	25
61	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.	1.1	24
62	Negative regulation of pPS10 plasmid replication: origin pairing by zipping ϵ -DNA bound RepA monomers. <i>Molecular Microbiology</i> , 2008, 68, 560-572.	1.2	24
63	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, 381-388.	2.5	24
64	Studies of new polysaccharides from <i>Lasallia pustulata</i> (L.) Hoffm. <i>Lichenologist</i> , 2003, 35, 177-185.	0.5	23
65	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, 2789-2796.	0.7	23
66	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, 255-262.	1.1	22
67	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.	5.1	22
68	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.	0.9	21
69	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.	1.1	21
70	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.	1.1	21
71	Studies on the structure and the solution conformation of an acidic extracellular polysaccharide isolated from <i>Bradyrhizobium</i> . <i>Carbohydrate Research</i> , 1997, 304, 209-217.	1.1	21
72	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, 2067-2073.	1.2	21

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73	Structure of a galactomannan isolated from the cell wall of the fungus <i>Lineolata rhizophorae</i> . <i>Carbohydrate Research</i> , 2007, 342, 2599-2603.	1.1	21
74	Thioglycoligase derived from fungal GH3 Î ² -xylosidase is a multi-glycoligase with broad acceptor tolerance. <i>Nature Communications</i> , 2020, 11, 4864.	5.8	21
75	Optimization of lipase-catalyzed synthesis of Î ² -sitostanol esters by response surface methodology. <i>Food Chemistry</i> , 2018, 261, 139-148.	4.2	20
76	Fatty acid composition and taxonomic status of <i>Ganoderma australe</i> from southern chile. <i>Mycological Research</i> , 1991, 95, 782-784.	2.5	19
77	Differences in cell wall polysaccharides of several species of <i>Eupenicillium</i> . <i>FEMS Microbiology Letters</i> , 1993, 108, 341-345.	0.7	19
78	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, 2347-2351.	1.1	19
79	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, 246-252.	1.1	19
80	Fungal cell wall polysaccharides isolated from <i>Discula destructiva</i> spp.. <i>Carbohydrate Research</i> , 2007, 342, 1138-1143.	1.1	19
81	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, 469-475.	4.8	19
82	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, 10057-10067.	1.7	19
83	Fungal cell wall galactomannan isolated from <i>Apodus deciduus</i> . <i>Carbohydrate Research</i> , 2002, 337, 1503-1506.	1.1	18
84	A specific immunological method to detect and quantify bacterial 2-substituted (1,3)-Î ² -d-glucan. <i>Carbohydrate Polymers</i> , 2014, 113, 39-45.	5.1	17
85	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, 637-643.	1.1	17
86	<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.	1.2	17
87	A Sustainable Approach of Enzymatic Grafting on <i>Eucalyptus globulus</i> 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.	3.2	17
88	Lactic Acid Bacteria Isolated from Fermented Doughs in Spain Produce Dextrans and Riboflavin. <i>Foods</i> , 2021, 10, 2004.	1.9	17
89	Fungal glycosyl hydrolases for sustainable plant biomass valorization: <i>Talaromyces amestolkiae</i> as a model fungus. <i>International Microbiology</i> , 2021, 24, 545-558.	1.1	17
90	Characterization of a Dye-Decolorizing Peroxidase from <i>Irpex lacteus</i> Expressed in <i>Escherichia coli</i> : An Enzyme with Wide Substrate Specificity Able to Transform Lignosulfonates. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1068.	0.5	16

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91	Chemical structure and conformational features of cell-wall polysaccharides isolated from <i>Aphanoascus mephalus</i> and related species. <i>Carbohydrate Research</i> , 1993, 250, 289-299.	1.1	15
92	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.	1.1	15
93	Characterization of the Sorbitol Utilization Cluster of the Probiotic <i>Pediococcus parvulus</i> 2.6: Genetic, Functional and Complementation Studies in Heterologous Hosts. <i>Frontiers in Microbiology</i> , 2017, 8, 2393.	1.5	15
94	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.	1.6	15
95	Different Modes of Regulation of the Expression of Dextranucrase in <i>Leuconostoc lactis</i> AV1n and <i>Lactobacillus sakei</i> MN1. <i>Frontiers in Microbiology</i> , 2019, 10, 959.	1.5	15
96	Optimization of β -1,4-Endoxylanase Production by an <i>Aspergillus niger</i> Strain Growing on Wheat Straw and Application in Xylooligosaccharides Production. <i>Molecules</i> , 2021, 26, 2527.	1.7	15
97	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.	0.7	15
98	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, 325-328.	1.1	14
99	Polysaccharides from the Cell Walls of Pineapple Fruit. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 608-612.	2.4	13
100	Enzymatic fine-tuning for 2-(6-hydroxynaphthyl) β -D-xylopyranoside synthesis catalyzed by the recombinant β -xylosidase BxTW1 from <i>Talaromyces amestolkiae</i> . <i>Microbial Cell Factories</i> , 2016, 15, 171.	1.9	13
101	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.	1.0	12
102	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.	1.2	12
103	β -1,6-galactosylmannopyranoside 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, 153-159.	0.3	12
104	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, 421-428.	1.4	12
105	Structural characterization of a cell wall polysaccharide from <i>Penicillium vermoesenii</i> : chemotaxonomic application. <i>Canadian Journal of Botany</i> , 1999, 77, 961-968.	1.2	11
106	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.	2.0	11
107	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.	1.2	11
108	Potential of <i>Ophiostoma piceae</i> sterol esterase for biotechnologically relevant hydrolysis reactions. <i>Bioengineered</i> , 2013, 4, 249-253.	1.4	11

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109	Purification of a new galactanase from <i>Penicillium oxalicum</i> catalysing the hydrolysis of α -D-(1 \rightarrow 5)-galactofuran linkages. <i>Biochemical Journal</i> , 1992, 281, 657-660.	1.7	10
110	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.	5.1	10
111	Characterization of <i>Pediococcus ethanolidurans</i> CUPV141: A β -D-glucan- and Heteropolysaccharide-Producing Bacterium. <i>Frontiers in Microbiology</i> , 2018, 9, 2041.	1.5	10
112	Structural elucidation of a cell wall fungal polysaccharide isolated from <i>Ustilagoidea vires</i> , a pathogenic fungus of <i>Oriza sativa</i> and <i>Zea mays</i> . <i>Carbohydrate Research</i> , 2008, 343, 2980-2984.	1.1	9
113	Disclosing diversity of exopolysaccharide-producing lactobacilli from Spanish natural ciders. <i>LWT - Food Science and Technology</i> , 2018, 90, 469-474.	2.5	9
114	Heteropolysaccharide-producing bifidobacteria for the development of functional dairy products. <i>LWT - Food Science and Technology</i> , 2019, 102, 295-303.	2.5	9
115	Versatile Lipases from the <i>Candida rugosa</i> -like Family: A Mechanistic Insight Using Computational Approaches. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 913-920.	2.5	9
116	Low temperature thermal behaviour of chitins and chitin \rightarrow glucans. <i>Thermochimica Acta</i> , 1992, 211, 241-254.	1.2	8
117	Structure of a cell wall polysaccharide isolated from <i>Hypocreagelatinosa</i> . <i>Carbohydrate Research</i> , 2001, 333, 173-178.	1.1	8
118	Structural characterization of a cell wall polysaccharide from <i>Penicillium verwoeseni</i> : chemotaxonomic application. <i>Canadian Journal of Botany</i> , 1999, 77, 961-968.	1.2	8
119	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.	1.2	7
120	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, 281-290.	0.4	7
121	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.	1.2	7
122	<i>Rhizoctonia solani</i> fucomannogalactan: Chemical characterization and antiproliferative activity. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 106-113.	3.6	7
123	Exploiting xylan as sugar donor for the synthesis of an antiproliferative xyloside using an enzyme cascade. <i>Microbial Cell Factories</i> , 2019, 18, 174.	1.9	7
124	Improvement of the Activity of a Fungal Versatile-Lipase Toward Triglycerides: An in silico Mechanistic Description. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 71.	2.0	7
125	Effect of the Immobilization Strategy on the Efficiency and Recyclability of the Versatile Lipase from <i>Ophiostoma piceae</i> . <i>Molecules</i> , 2019, 24, 1313.	1.7	7
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