Alicia Prieto

List of Publications by Citations

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	Fungal pretreatment: An alternative in second-generation ethanol from wheat straw. *Bioresource Technology*, **2011**, 102, 7500-6	11	241
138	Laccase detoxification of steam-exploded wheat straw for second generation bioethanol. *Bioresource Technology*, **2009**, 100, 6378-84	11	161
137	Structural characterization of extracellular polysaccharides produced by fungi from the genus Pleurotus. *Carbohydrate Research*, **1996**, 281, 143-54	2.9	122
136	Anisaldehyde production and aryl-alcohol oxidase and dehydrogenase activities in ligninolytic fungi of the genus Pleurotus. *Applied and Environmental Microbiology*, **1994**, 60, 1783-8	4.8	116
135	5-hydroxymethylfurfural conversion by fungal aryl-alcohol oxidase and unspecific peroxygenase. *FEBS Journal*, **2015**, 282, 3218-29	5.7	105
134	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, 4316-24	4.8	102
133	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, 4158-68	4	94
132	Comparative analysis of production and purification of homo- and hetero-polysaccharides produced by lactic acid bacteria. *Carbohydrate Polymers*, **2013**, 93, 57-64	10.3	71
131	Degradation of bisphenol A by different fungal laccases and identification of its degradation products. *International Biodeterioration and Biodegradation*, **2016**, 110, 181-188	4.8	68
130	Dextrans produced by lactic acid bacteria exhibit antiviral and immunomodulatory activity against salmonid viruses. *Carbohydrate Polymers*, **2015**, 124, 292-301	10.3	66
129	Differential proteomic analysis of the secretome of Irpex lacteus and other white-rot fungi during wheat straw pretreatment. *Biotechnology for Biofuels*, **2013**, 6, 115	7.8	65
128	Lignin depolymerization by fungal secretomes and a microbial sink. *Green Chemistry*, **2016**, 18, 6046-6062	10	62
127	Modification and activation of Ras proteins by electrophilic prostanoids with different structure are site-selective. *Biochemistry*, **2007**, 46, 6607-16	3.2	58
126	Structural traits and catalytic versatility of the lipases from the Candida rugosa-like family: A review. *Biotechnology Advances*, **2016**, 34, 874-885	17.8	54
125	Production and partial characterization of exopolysaccharides produced by two Lactobacillus suebicus strains isolated from cider. *International Journal of Food Microbiology*, **2015**, 214, 54-62	5.8	48
124	Sugar recoveries from wheat straw following treatments with the fungus Irpex lacteus. *Bioresource Technology*, **2013**, 131, 218-25	11	47
123	Insight into the composition of the intercellular matrix of Streptococcus pneumoniae biofilms. *Environmental Microbiology*, **2013**, 15, 502-16	5.2	42

122	The dimerization domain of the HIV-1 capsid protein binds a capsid protein-derived peptide: a biophysical characterization. *Protein Science*, **2004**, 13, 1512-23	6.3	40
121	Chemical and structural similarities in wall polysaccharides of somePenicillium, EupenicilliumandAspergillusspecies. *FEMS Microbiology Letters*, **1992**, 90, 165-168	2.9	39
120	Rheology and bioactivity of high molecular weight dextrans synthesised by lactic acid bacteria. *Carbohydrate Polymers*, **2017**, 174, 646-657	10.3	38
119	Heterogeneity of the genus Myrothecium as revealed by cell wall polysaccharides. *Archives of Microbiology*, **2000**, 173, 296-302	3	38
118	Lignin degradation and detoxification of eucalyptus wastes by on-site manufacturing fungal enzymes to enhance second-generation ethanol yield. *Applied Energy*, **2020**, 262, 114493	10.7	34
117	Biodeinking of flexographic inks by fungal laccases using synthetic and natural mediators. *Biochemical Engineering Journal*, **2012**, 67, 97-103	4.2	34
116	Unraveling Massive Crocins Transport and Accumulation through Proteome and Microscopy Tools during the Development of Saffron Stigma. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	33
115	Differences among the cell wall galactomannans from Aspergillus wentii and Chaetosartorya chrysella and that of Aspergillus fumigatus. *Glycoconjugate Journal*, **2004**, 20, 239-46	3	33
114	Structural studies of fungal cell-wall polysaccharides from two strains of Talaromyces flavus. *Carbohydrate Research*, **1994**, 251, 315-25	2.9	33
113	The basic helix-loop-helix region of human neurogenin 1 is a monomeric natively unfolded protein which forms a "fuzzy" complex upon DNA binding. *Biochemistry*, **2010**, 49, 1577-89	3.2	32
112	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		32
111	Structure of complex cell wall polysaccharides isolated from Trichoderma and Hypocrea species. *Carbohydrate Research*, **1997**, 304, 281-91	2.9	31
110	Novel pH-Stable Glycoside Hydrolase Family 3 β-Xylosidase from Talaromyces amestolkiae: an Enzyme Displaying Regioselective Transxylosylation. *Applied and Environmental Microbiology*, **2015**, 81, 6380-92	4.8	30
109	An acidic water-soluble cell wall polysaccharide: a chemotaxonomic marker for Fusarium and Gibberella. *Mycological Research*, **2000**, 104, 603-610		29
108	Structural investigation of two cell-wall polysaccharides of Penicillium expansum strains. *Carbohydrate Research*, **1994**, 257, 239-48	2.9	29
107	Properties, structure, and applications of microbial sterol esterases. *Applied Microbiology and Biotechnology*, **2016**, 100, 2047-61	5.7	28
106	Chemical composition and characterization of a galactomannoglucan from Gliocladium viride wall material. *FEMS Microbiology Letters*, **1990**, 70, 331-336	2.9	28
105	An assessment of fungal wall heteromannans as a phylogenetically informative character in ascomycetes. *FEMS Microbiology Reviews*, **2010**, 34, 986-1014	15.1	27

104	Isolation, purification and chemical characterization of alkali-extractable polysaccharides from the cell walls of Talaromyces species. *Mycological Research*, **1995**, 99, 69-75		27
103	Versatile peroxidase as a valuable tool for generating new biomolecules by homogeneous and heterogeneous cross-linking. *Enzyme and Microbial Technology*, **2013**, 52, 303-11	3.8	26
102	Screening and selection of 2-branched (1,3)-beta-D-glucan producing lactic acid bacteria and exopolysaccharide characterization. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 6149-56	5.7	26
101	Heterologous expression of a position 2-substituted (1-->3)-beta-D-glucan in Lactococcus lactis. *Applied and Environmental Microbiology*, **2008**, 74, 5259-62	4.8	26
100	Lactobacillus plantarum CIDCA 8327: An glucan producing-strain isolated from kefir grains. *Carbohydrate Polymers*, **2017**, 170, 52-59	10.3	25
99	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, 2145-55	4.4	25
98	Evidence of the presence of nucleic acids and glucan in the matrix of non-typeable Haemophilus influenzae in vitro biofilms. *Scientific Reports*, **2016**, 6, 36424	4.9	24
97	Crystal structures of Ophiostoma piceae sterol esterase: structural insights into activation mechanism and product release. *Journal of Structural Biology*, **2014**, 187, 215-222	3.4	24
96	Structures of wall heterogalactomannans isolated from three genera of entomopathogenic fungi. *Fungal Biology*, **2011**, 115, 862-70	2.8	24
95	Structural investigation of a cell-wall galactomannan from Neurospora crassa and N. sitophila. *Carbohydrate Research*, **1996**, 283, 215-22	2.9	24
94	Partial characterisation of galactofuranose-containing heteropolysaccharides from the cell walls of Talaromyces helicus. *Carbohydrate Research*, **1988**, 177, 265-272	2.9	24
93	Green synthesis of sitostanol esters catalyzed by the versatile lipase/sterol esterase from Ophiostoma piceae. *Food Chemistry*, **2017**, 221, 1458-1465	8.5	23
92	The glucosidase secreted by under carbon starvation: a versatile catalyst for biofuel production from plant and algal biomass. *Biotechnology for Biofuels*, **2018**, 11, 123	7.8	22
91	(1->3,1->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	7.9	22
90	Characterization of exopolysaccharides produced by Bifidobacterium longum NB667 and its cholate-resistant derivative strain IPLA B667dCo. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 1028-35	5.7	22
89	Negative regulation of pPS10 plasmid replication: origin pairing by zipping-up DNA-bound RepA monomers. *Molecular Microbiology*, **2008**, 68, 560-72	4.1	22
88	A polysaccharide from Lichina pygmaea and L. confinis supports the recognition of Lichinomycetes. *Mycological Research*, **2008**, 112, 381-8		22
87	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, 743-7	5.8	22

86	Fungal genomes mining to discover novel sterol esterases and lipases as catalysts. *BMC Genomics*, **2013**, 14, 712	4.5	21
85	Evaluation of exopolysaccharide production by Leuconostoc mesenteroides strains isolated from wine. *Journal of Food Science*, **2008**, 73, M196-9	3.4	21
84	Structural investigation of cell-wall polysaccharides from Neosartorya: relationships with their putative anamorphs of Aspergillus. *Carbohydrate Research*, **1995**, 273, 255-62	2.9	21
83	Structure and conformational features of an alkali- and water-soluble galactofuranan from the cell walls of Eupenicillium crustaceum. *Carbohydrate Research*, **1993**, 244, 361-368	2.9	21
82	Galactomannans from the cell walls of species of Paecilomyces sect. Paecilomyces and their teleomorphs as immunotaxonomic markers. *Microbiology (United Kingdom)*, **1999**, 145 (Pt 10), 2789-96	2.9	21
81	Studies of new polysaccharides from lasallia pustulata (L.) Hoffm. *Lichenologist*, **2003**, 35, 177-185	1.1	20
80	Chemical structure of fungal cell-wall polysaccharides isolated from Microsporum gypseum and related species of Microsporum and Trychophyton. *Carbohydrate Research*, **1995**, 272, 121-128	2.9	20
79	Tannic acid-dependent modulation of selected Lactobacillus plantarum traits linked to gastrointestinal survival. *PLoS ONE*, **2013**, 8, e66473	3.7	20
78	Structural elucidation of acidic fungal polysaccharides isolated from the cell-wall of genera Cylindrocladium and Calonectria. *Carbohydrate Research*, **1997**, 303, 67-72	2.9	19
77	Studies on the structure and the solution conformation of an acidic extracellular polysaccharide isolated from Bradyrhizobium. *Carbohydrate Research*, **1997**, 304, 209-17	2.9	19
76	Structure of a galactomannan isolated from the cell wall of the fungus Lineolata rhizophorae. *Carbohydrate Research*, **2007**, 342, 2599-603	2.9	19
75	p-Hydroxyphenyl:Guaiacyl:Syringyl Ratio of Lignin in Some Austral Hardwoods Estimated by CuO-Oxidation and Solid-State NMR. *Holzforschung*, **1991**, 45, 279-284	2	19
74	Enzymatic Synthesis of a Novel Neuroprotective Hydroxytyrosyl Glycoside. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 10526-10533	5.7	18
73	Fungal cell wall polysaccharides isolated from Discula destructiva spp. *Carbohydrate Research*, **2007** , 342, 1138-43	2.9	18
72	Fungal cell-wall galactomannans isolated from Geotrichum spp. and their teleomorphs, Dipodascus and Galactomyces. *Carbohydrate Research*, **2002**, 337, 2347-51	2.9	18
71	Differences in cell wall polysaccharides of several species of Eupenicillium. *FEMS Microbiology Letters*, **1993**, 108, 341-5	2.9	18
70	Fatty acid composition and taxonomic status of Ganoderma australe from southern chile. *Mycological Research*, **1991**, 95, 782-784		18
69	Enzymatic degradation of Elephant grass (Pennisetum purpureum) stems: influence of the pith and bark in the total hydrolysis. *Bioresource Technology*, **2014**, 167, 469-75	11	17

68	Screening of Garlic Water Extract for Binding Activity with Cholera Toxin B Pentamer by NMR Spectroscopy An Old Remedy Giving a New Surprise. *European Journal of Organic Chemistry*, **2006**, 2006, 2067-2073	3.2	16
67	Structural elucidation of fungal polysaccharides isolated from the cell wall of Plectosphaerella cucumerina and Verticillium spp. *Carbohydrate Research*, **2006**, 341, 246-52	2.9	16
66	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, 10057-67	5.7	15
65	Optimization of lipase-catalyzed synthesis of sitostanol esters by response surface methodology. *Food Chemistry*, **2018**, 261, 139-148	8.5	15
64	Differential glucosidase expression as a function of carbon source availability in : a genomic and proteomic approach. *Biotechnology for Biofuels*, **2017**, 10, 161	7.8	15
63	Chemical structure and conformational features of cell-wall polysaccharides isolated from Aphanoascus mephitalus and related species. *Carbohydrate Research*, **1993**, 250, 289-99	2.9	15
62	The Fusarium oxysporum gnt2, encoding a putative N-acetylglucosamine transferase, is involved in cell wall architecture and virulence. *PLoS ONE*, **2013**, 8, e84690	3.7	14
61	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	2.9	14
60	Characterization of dextrans produced by Lactobacillus mali CUPV271 and Leuconostoc carnosum CUPV411. *Food Hydrocolloids*, **2019**, 89, 613-622	10.6	14
59	Fungal cell wall galactomannan isolated from Apodus deciduus. *Carbohydrate Research*, **2002**, 337, 1503-6	2.9	13
58	Chemical structure of a polysaccharide isolated from the cell wall of Arachniotus verruculosus and A. ruber. *Carbohydrate Research*, **2001**, 336, 325-8	2.9	13
57	Polysaccharides from the Cell Walls of Pineapple Fruit. *Journal of Agricultural and Food Chemistry*, **1995**, 43, 608-612	5.7	13
56	Hemicellulases from Penicillium and Talaromyces for lignocellulosic biomass valorization: A review. *Bioresource Technology*, **2021**, 324, 124623	11	13
55	Heterologous expression of a fungal sterol esterase/lipase in different hosts: Effect on solubility, glycosylation and production. *Journal of Bioscience and Bioengineering*, **2015**, 120, 637-43	3.3	12
54	A Sustainable Approach of Enzymatic Grafting on Eucalyptus globulus Wood by Laccase from the Newly Isolated White-Rot Basidiomycete Marasmiellus palmivorus VE111. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 13418-13424	8.3	12
53	Isolation and structural determination of a unique polysaccharide containing mannofuranose from the cell wall of the fungus Acrospermum compressum. *Glycoconjugate Journal*, **2007**, 24, 421-8	3	12
52	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	2.9	12
51	A specific immunological method to detect and quantify bacterial 2-substituted (1,3)-D-glucan. *Carbohydrate Polymers*, **2014**, 113, 39-45	10.3	11

50	Differential Recognition of Mannose-Based Polysaccharides by Tripodal Receptors Based on a Triethylbenzene Scaffold Substituted with Trihydroxybenzoyl Moieties. *European Journal of Organic Chemistry*, **2013**, 2013, 65-76	3.2	11
49	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	0	11
48	Transglycosylation products generated by Talaromyces amestolkiae GH3 β-glucosidases: effect of hydroxytyrosol, vanillin and its glucosides on breast cancer cells. *Microbial Cell Factories*, **2019**, 18, 97	6.4	10
47	Structural analysis of the interactions between hsp70 chaperones and the yeast DNA replication protein Orc4p. *Journal of Molecular Biology*, **2010**, 403, 24-39	6.5	10
46	Purification of a new galactanase from Penicillium oxalicum catalysing the hydrolysis of beta-(1----5)-galactofuran linkages. *Biochemical Journal*, **1992**, 281 (Pt 3), 657-60	3.8	10
45	The role of dextran production in the metabolic context of Leuconostoc and Weissella Tunisian strains. *Carbohydrate Polymers*, **2021**, 253, 117254	10.3	10
44	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, 2980-4	2.9	9
43	alpha-galf I -->6-alpha-mannopyranoside side chains in Paracoccidioides brasiliensis cell wall are shared by members of the Onygenales, but not by galactomannans of other fungal genera. *Medical Mycology*, **2005**, 43, 153-9	3.9	9
42	Structure of fungal polysaccharides isolated from the cell-wall of three strains of Verticillium fungicola. *Carbohydrate Polymers*, **2002**, 50, 209-212	10.3	9
41	Structural characterization of a cell wall polysaccharide from Penicillium vermoesenii: chemotaxonomic application. *Canadian Journal of Botany*, **1999**, 77, 961-968		9
40	Enzymatic fine-tuning for 2-(6-hydroxynaphthyl) β-D-xylopyranoside synthesis catalyzed by the recombinant β-xylosidase BxTW1 from Talaromyces amestolkiae. *Microbial Cell Factories*, **2016**, 15, 171	6.4	9
39	A glucotolerant β-glucosidase from the fungus Talaromyces amestolkiae and its conversion into a glycosynthase for glycosylation of phenolic compounds. *Microbial Cell Factories*, **2020**, 19, 127	6.4	8
38	Low temperature thermal behaviour of chitins and chitin-glucans. *Thermochimica Acta*, **1992**, 211, 241-254	2.9	8
37	Thioglycoligase derived from fungal GH3 β-xylosidase is a multi-glycoligase with broad acceptor tolerance. *Nature Communications*, **2020**, 11, 4864	17.4	8
36	cpsA regulates mycotoxin production, morphogenesis and cell wall biosynthesis in the fungus Aspergillus nidulans. *Molecular Microbiology*, **2017**, 105, 1-24	4.1	7
35	Different Modes of Regulation of the Expression of Dextransucrase in AV1n and MN1. *Frontiers in Microbiology*, **2019**, 10, 959	5.7	7
34	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	3.9	7
33	Characterization of the Sorbitol Utilization Cluster of the Probiotic 2.6: Genetic, Functional and Complementation Studies in Heterologous Hosts. *Frontiers in Microbiology*, **2017**, 8, 2393	5.7	7

32	Potential of Ophiostoma piceae sterol esterase for biotechnologically relevant hydrolysis reactions. *Bioengineered*, **2013**, 4, 249-53	5.7	7
31	Structure of a cell wall polysaccharide isolated from Hypocrea gelatinosa. *Carbohydrate Research*, **2001**, 333, 173-8	2.9	7
30	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	5.1	7
29	Effect of the Immobilization Strategy on the Efficiency and Recyclability of the Versatile Lipase from. *Molecules*, **2019**, 24,	4.8	6
28	Disclosing diversity of exopolysaccharide-producing lactobacilli from Spanish natural ciders. *LWT - Food Science and Technology*, **2018**, 90, 469-474	5.4	6
27	The helical structure propensity in the first helix of the histidine phosphocarrier protein of Streptomyces coelicolor. *Protein and Peptide Letters*, **2007**, 14, 281-90	1.9	6
26	Cell wall polysaccharides F1SS disclose the relatedness of the genus Geosmithia with Eupenicillium and Talaromyces. *Canadian Journal of Botany*, **2002**, 80, 410-415		6
25	Characterization of a Dye-Decolorizing Peroxidase from Expressed in : An Enzyme with Wide Substrate Specificity Able to Transform Lignosulfonates. *Journal of Fungi (Basel, Switzerland)*, **2021**, 7,	5.6	6
24	Alkali-extractable and water-soluble polysaccharide (F1SS): a chemotaxonomic and phylogenetic character for Cephalotheca. *Mycological Research*, **2002**, 106, 1187-1192		5
23	Cell wall polysaccharides of four strains ofPaecilomyces variotii. *Current Microbiology*, **1994**, 28, 169-173	2.4	5
22	Structural characterization of a cell wall polysaccharide from Penicillium vermoesenii: chemotaxonomic application. *Canadian Journal of Botany*, **1999**, 77, 961-968		5
21	Optimization of β1,4-Endoxylanase Production by an Strain Growing on Wheat Straw and Application in Xylooligosaccharides Production. *Molecules*, **2021**, 26,	4.8	5
20	Characterization of CUPV141: A β-D-glucan- and Heteropolysaccharide-Producing Bacterium. *Frontiers in Microbiology*, **2018**, 9, 2041	5.7	5
19	Improvement of the Activity of a Fungal Versatile-Lipase Toward Triglycerides: An Mechanistic Description. *Frontiers in Bioengineering and Biotechnology*, **2019**, 7, 71	5.8	4
18	Cell wall polysaccharides isolated from the fungus Neotestudina rosatii, one of the etiologic agents of mycetoma in man. *Glycoconjugate Journal*, **2009**, 26, 1047-54	3	4
17	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	2.9	4
16	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	2.9	4
15	Heteropolysaccharide-producing bifidobacteria for the development of functional dairy products. *LWT - Food Science and Technology*, **2019**, 102, 295-303	5.4	4

14	Immobilized Forms of the Lipase for Green Synthesis of Biodiesel. Comparison with Eversa Transform 2.0 and Cal A. *Journal of Fungi (Basel, Switzerland)*, **2021**, 7,	5.6	4
13	Rhizoctonia solani fucomannogalactan: Chemical characterization and antiproliferative activity. *International Journal of Biological Macromolecules*, **2018**, 115, 106-113	7.9	3
12	Exploiting xylan as sugar donor for the synthesis of an antiproliferative xyloside using an enzyme cascade. *Microbial Cell Factories*, **2019**, 18, 174	6.4	3
11	Chemical composition and characterization of a galactomannoglucan from wall material. *FEMS Microbiology Letters*, **1990**, 70, 331-335	2.9	3
10	Evaluation of an 2-Substituted (1-3)-D-Glucan, Produced by 2.6, in Models of Crohn's Disease. *Frontiers in Microbiology*, **2021**, 12, 621280	5.7	3
9	Fungal glycosyl hydrolases for sustainable plant biomass valorization: Talaromyces amestolkiae as a model fungus. *International Microbiology*, **2021**, 24, 545-558	3	3
8	Enzymatic glycosylation of bioactive acceptors catalyzed by an immobilized fungal xylosidase and its multi-glycoligase variant. *International Journal of Biological Macromolecules*, **2021**, 167, 245-254	7.9	2
7	Versatile Lipases from the -like Family: A Mechanistic Insight Using Computational Approaches. *Journal of Chemical Information and Modeling*, **2021**, 61, 913-920	6.1	2
6	Lactic Acid Bacteria Isolated from Fermented Doughs in Spain Produce Dextrans and Riboflavin. *Foods*, **2021**, 10,	4.9	2
5	1,4-endoglucanases from Talaromyces amestolkiae: Production of glucooligosaccharides from different glucans. *Biocatalysis and Biotransformation*, **2018**, 36, 68-77	2.5	1
4	Structure of a Cell Wall Rhamnogalactomannan Isolated from Cubonia bulbifera. *Journal of Carbohydrate Chemistry*, **2003**, 22, 603-611	1.7	1
3	Lytic Polysaccharide Monooxygenase from with an Enigmatic Linker-like Region: The Role of This Enzyme on Cellulose Saccharification.. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
2	Sustainable and Green Synthesis of Stanol Esters from Oil Wastes. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 286-293	5.7	1
1	Immediate reactions with glatiramer acetate: Diagnosis of allergy and desensitization protocols. *Neurology: Clinical Practice*, **2020**, 10, 170-177	1.7	