

Andrew J Mort

List of Publications by Year in descending order

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papers

2,611
citations

279798

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42
all docs

42
docs citations

42
times ranked

2270
citing authors

#	ARTICLE	IF	CITATIONS
1	Do Lytic Polysaccharide Monooxygenases Aid in Plant Pathogenesis and Herbivory?. Trends in Plant Science, 2021, 26, 142-155.	8.8	26
2	Extensins at the front line of plant defence. A commentary on: "Extensin arabinosylation is involved in root response to elicitors and limits oomycete colonization". Annals of Botany, 2020, 125, vii-viii.	2.9	5
3	Capillary Electrophoresis with Detection by Laser-Induced Fluorescence. Methods in Molecular Biology, 2020, 2149, 45-56.	0.9	1
4	An AA9-LPMO containing a CBM1 domain in <i>Aspergillus nidulans</i> is active on cellulose and cleaves cello-oligosaccharides. AMB Express, 2018, 8, 171.	3.0	21
5	Characterization of a New Glyoxal Oxidase from the Thermophilic Fungus <i>Myceliophthora thermophila</i> M77: Hydrogen Peroxide Production Retained in 5-Hydroxymethylfurfural Oxidation. Catalysts, 2018, 8, 476.	3.5	24
6	ChIP-Seq Analysis for Identifying Genome-Wide Histone Modifications Associated with Stress-Responsive Genes in Plants. Methods in Molecular Biology, 2017, 1631, 139-149.	0.9	2
7	A family of AA9 lytic polysaccharide monooxygenases in <i>Aspergillus nidulans</i> is differentially regulated by multiple substrates and at least one is active on cellulose and xyloglucan. Applied Microbiology and Biotechnology, 2016, 100, 4535-4547.	3.6	63
8	Identification of the Abundant Hydroxyproline-Rich Glycoproteins in the Root Walls of Wild-Type Arabidopsis, an ext3 Mutant Line, and Its Phenotypic Revertant. Plants, 2015, 4, 85-111.	3.5	21
9	Structure of a Rhamnogalacturonan Fragment from Apple Pectin: Implications for Pectin Architecture. International Journal of Carbohydrate Chemistry, 2014, 2014, 1-6.	1.5	13
10	Enzymatic activity and substrate specificity of the recombinant tomato β -galactosidase 1. Journal of Plant Physiology, 2014, 171, 1454-1460.	3.5	11
11	Characterization of a methyl-esterified tetragalacturonide fragment isolated from a commercial pectin with a medium degree of methyl-esterification. Carbohydrate Research, 2013, 380, 108-111.	2.3	4
12	A time course analysis of the extracellular proteome of <i>Aspergillus nidulans</i> growing on sorghum stover. Biotechnology for Biofuels, 2012, 5, 52.	6.2	81
13	<i>Phanerochaete chrysosporium</i> produces a diverse array of extracellular enzymes when grown on sorghum. Applied Microbiology and Biotechnology, 2012, 93, 2075-2089.	3.6	29
14	Capillary Electrophoresis with Detection by Laser-Induced Fluorescence. Methods in Molecular Biology, 2011, 715, 93-102.	0.9	2
15	Plant-Expressed Recombinant Mountain Cedar Allergen Jun a 1 Is Allergenic and Has Limited Pectate Lyase Activity. International Archives of Allergy and Immunology, 2010, 153, 347-358.	2.1	8
16	Xylan decomposition by <i>Aspergillus clavatus</i> endo-xylanase. Protein Expression and Purification, 2009, 68, 65-71.	1.3	33
17	Isolation and structural characterization of a novel oligosaccharide from the rhamnogalacturonan of <i>Gossypium hirsutum</i> L.. Carbohydrate Research, 2008, 343, 1041-1049.	2.3	26
18	Structure of xylogalacturonan fragments from watermelon cell-wall pectin. Endopolygalacturonase can accommodate a xylosyl residue on the galacturonic acid just following the hydrolysis site. Carbohydrate Research, 2008, 343, 1212-1221.	2.3	44

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19	Isolation and Identification of Oligomers from Partial Degradation of Lime Fruit Cutin. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 10318-10325.	5.2	27
20	Changes in homogalacturonans and enzymes degrading them during cotton cotyledon expansion. <i>Phytochemistry</i> , 2007, 68, 1094-1103.	2.9	14
21	Detection and identification of rhamnogalacturonan lyase activity in intercellular spaces of expanding cotton cotyledons. <i>Plant Journal</i> , 2007, 50, 95-107.	5.7	46
22	Development and application of a suite of polysaccharide-degrading enzymes for analyzing plant cell walls. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11417-11422.	7.1	300
23	Cloning, expression, and characterization of an oligoxyloglucan reducing end-specific xyloglucanobiohydrolase from <i>Aspergillus nidulans</i> . <i>Carbohydrate Research</i> , 2005, 340, 2590-2597.	2.3	60
24	Structural analysis of the O-antigen of <i>Francisella tularensis</i> subspecies <i>tularensis</i> strain OSU 10. <i>Journal of Medical Microbiology</i> , 2005, 54, 693-695.	1.8	16
25	Amino Acid Sequence of Wheat Flour Arabinogalactan-Peptide, Identical to Part of Grain Softness Protein GSP-1, Leads to Improved Structural Model. <i>Cereal Chemistry</i> , 2002, 79, 329-331.	2.2	36
26	NMR studies of molecular structure in fruit cuticle polyesters. <i>Phytochemistry</i> , 2001, 57, 1035-1042.	2.9	74
27	l-Altruronic acid formed by epimerization of d-galacturonic acid methyl esters during saponification of citrus pectin. <i>Carbohydrate Research</i> , 2001, 330, 357-363.	2.3	5
28	Scarcity or complete lack of single rhamnose residues interspersed within the homogalacturonan regions of citrus pectin. <i>Carbohydrate Research</i> , 1998, 308, 373-380.	2.3	75
29	Use of scavenger beads to remove excess labeling reagents from capillary zone electrophoresis samples. <i>Electrophoresis</i> , 1998, 19, 2129-2132.	2.4	5
30	A computer-controlled variable light attenuator for protection and autoranging of a laser-induced fluorescence detector for capillary zone electrophoresis. <i>Electrophoresis</i> , 1998, 19, 2239-2242.	2.4	11
31	Detection and differentiation of pectic enzyme activity <i>in vitro</i> and <i>in vivo</i> by capillary electrophoresis of products from fluorescent-labeled substrate. <i>Electrophoresis</i> , 1996, 17, 372-378.	2.4	31
32	Separation of 8-aminonaphthalene-1,3,6-trisulfonate (ANTS)-labeled oligomers containing galacturonic acid by capillary electrophoresis: Application to determining the substrate specificity of endopolygalacturonases. <i>Electrophoresis</i> , 1996, 17, 379-383.	2.4	53
33	Structure of amylovoran, the capsular exopolysaccharide from the fire blight pathogen <i>Erwinia amylovora</i> . <i>Carbohydrate Research</i> , 1996, 287, 59-76.	2.3	104
34	Partial characterization of xylogalacturonans from cell walls of ripe watermelon fruit: inhibition of endopolygalacturonase activity by xylosylation. <i>Progress in Biotechnology</i> , 1996, 14, 79-88.	0.2	23
35	An unambiguous nomenclature for xyloglucan-derived oligosaccharides. <i>Physiologia Plantarum</i> , 1993, 89, 1-3.	5.2	504
36	An unambiguous nomenclature for xyloglucan-derived oligosaccharides. <i>Physiologia Plantarum</i> , 1993, 89, 1-3.	5.2	65

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37	Problems encountered during the extraction, purification, and chromatography of pectic fragments, and some solutions to them. Carbohydrate Research, 1991, 215, 219-227.	2.3	123
38	The acetylation of O-3 of galacturonic acid in the rhamnose-rich portion of pectins. Carbohydrate Research, 1989, 189, 261-272.	2.3	106
39	Characterization of Root Hair Cell Walls as Potential Barriers to the Infection of Plants by Rhizobia. Plant Physiology, 1988, 86, 638-641.	4.8	27
40	Recovery of methylated saccharides from methylation reaction mixtures using Sep-Pak C18 cartridges. Analytical Biochemistry, 1983, 133, 380-384.	2.4	90
41	Anhydrous hydrogen fluoride deglycosylates glycoproteins. Analytical Biochemistry, 1977, 82, 289-309.	2.4	402