Stephen C Fry

List of Publications by Year
in descending order

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190	14,307	18465 62	22147 113
papers	citations	h-index	g-index

200	200	200	9099
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Defining natural factors that stimulate and inhibit cellulose:xyloglucan heteroâ€transglucosylation. Plant Journal, 2021, 105, 1549-1565.	2.8	6
2	Cutin:cutin-acid endo-transacylase (CCT), a cuticle-remodelling enzyme activity in the plant epidermis. Biochemical Journal, 2021, 478, 777-798.	1.7	7
3	Ancient origin of fucosylated xyloglucan in charophycean green algae. Communications Biology, 2021, 4, 754.	2.0	24
4	Fruit softening: evidence for pectate lyase actionin vivoin date (Phoenix dactylifera) and rosaceous fruit cell walls. Annals of Botany, 2021, 128, 511-525.	1.4	10
5	Cutin:xyloglucan transacylase (CXT) activity covalently links cutin to a plant cell-wall polysaccharide. Journal of Plant Physiology, 2021, 262, 153446.	1.6	8
6	Hemicelluloseâ€remodelling transglycanase activities from charophytes: towards the evolution of the landâ€plant cell wall. Plant Journal, 2021, 108, 7-28.	2.8	15
7	Characterisation of the non-oxidative degradation pathway of dehydroascorbic acid in slightly acidic aqueous solution. Archives of Biochemistry and Biophysics, 2020, 681, 108240.	1.4	8
8	Enzymically attaching oligosaccharide-linked â€˜cargoesâ€™ to cellulose and other commercial polysaccharides via stable covalent bonds. International Journal of Biological Macromolecules, 2020, 164, 4359-4369.	3.6	10
9	Three highly acidic Equisetum XTHs differ from hetero-trans-Î²-glucanase in donor substrate specificity and are predominantly xyloglucan homo-transglucosylases. Journal of Plant Physiology, 2020, 251, 153210.	1.6	12
10	Hetero-trans-Î²-Glucanase Produces Celluloseâ€“Xyloglucan Covalent Bonds in the Cell Walls of Structural Plant Tissues and Is Stimulated by Expansin. Molecular Plant, 2020, 13, 1047-1062.	3.9	33
11	High-Voltage Paper Electrophoresis (HVPE). Methods in Molecular Biology, 2020, 2149, 1-31.	0.4	6
12	Activity and Action of Cell-Wall Transglycanases. Methods in Molecular Biology, 2020, 2149, 165-192.	0.4	8
13	Montbresides Aâ€“D: antibacterial p-coumaroyl esters of a new sucrose-based tetrasaccharide from Crocosmia Ã— crocosmiiflora (montbretia) flowers. FÃ¬toterapÃ¬Ã¢, 2019, 139, 104377.	1.1	2
14	MUR1â€mediated cellâ€wall fucosylation is required for freezing tolerance in Arabidopsis thaliana. New Phytologist, 2019, 224, 1518-1531.	3.5	32
15	Higher expression of the strawberry xyloglucan endotransglucosylase/hydrolase genes Fv<scp>XTH</scp>9 and Fv<scp>XTH</scp>6 accelerates fruit ripening. Plant Journal, 2019, 100, 1237-1253.	2.8	51
16	Functional and chemical characterization of XAF: a heat-stable plant polymer that activates xyloglucan endotransglucosylase/hydrolase (XTH). Annals of Botany, 2019, 124, 131-148.	1.4	3
17	Active proton efflux, nutrient retention and boron-bridging of pectin are related to greater tolerance of proton toxicity in the roots of two Erica species. Plant Physiology and Biochemistry, 2018, 126, 142-151.	2.8	7
18	A Trihelix Family Transcription Factor Is Associated with Key Genes in Mixed-Linkage Glucan Accumulation. Plant Physiology, 2018, 178, 1207-1221.	2.3	31

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19	The oxidation of dehydroascorbic acid and 2,3-diketogulonate by distinct reactive oxygen species. Biochemical Journal, 2018, 475, 3451-3470.	1.7	60
20	Developmental expression of the cucumber Cs-XTH1 and Cs-XTH3 genes, encoding xyloglucan endotransglucosylase/hydrolases, can be influenced by mechanical stimuli. Acta Physiologiae Plantarum, 2018, 40, 1.	1.0	2
21	Oxalyltransferase, a plant cellâ€wall acyltransferase activity, transfers oxalate groups from ascorbate metabolites to carbohydrates. Plant Journal, 2018, 95, 743-757.	2.8	7
22	Bonds broken and formed during the mixed-linkage glucan : xyloglucan endotransglucosylase reaction catalysed by Equisetum hetero-trans-Î²-glucanase. Biochemical Journal, 2017, 474, 1055-1070.	1.7	15
23	Novel insights into ascorbate retention and degradation during the washing and post-harvest storage of spinach and other salad leaves. Food Chemistry, 2017, 233, 237-246.	4.2	36
24	Phenolic metabolism and molecular mass distribution of polysaccharides in celluloseâ€deficient maize cells. Journal of Integrative Plant Biology, 2017, 59, 475-495.	4.1	3
25	Metabolites of 2,3-diketogulonate delay peroxidase action and induce non-enzymic H 2 O 2 generation: Potential roles in the plant cell wall. Archives of Biochemistry and Biophysics, 2017, 620, 12-22.	1.4	24
26	Xyloglucan endotransglucosylase/hydrolases (XTHs) are inactivated by binding to glass and cellulosic surfaces, and released in active form by a heat-stable polymer from cauliflower florets. Journal of Plant Physiology, 2017, 218, 135-143.	1.6	16
27	Ascorbate degradation in tomato leads to accumulation of oxalate, threonate and oxalyl threonate. Plant Journal, 2017, 89, 996-1008.	2.8	51
28	Potassium, not lepidimoide, is the principal â€˜allelochemicalâ€™ of cress-seed exudate that promotes amaranth hypocotyl elongation. Annals of Botany, 2017, 120, 511-520.	1.4	6
29	Drought and Heat Differentially Affect XTH Expression and XET Activity and Action in 3-Day-Old Seedlings of Durum Wheat Cultivars with Different Stress Susceptibility. Frontiers in Plant Science, 2016, 7, 1686.	1.7	30
30	The pectic disaccharides lepidimoic acid and Î²-d-xylopyranosyl-(1â†’3)-d-galacturonic acid occur in cress-seed exudate but lack allelochemical activity. Annals of Botany, 2016, 117, 607-623.	1.4	15
31	Boron bridging of rhamnogalacturonanâ€II is promoted inÂvitro byÂcationic chaperones, including polyhistidine and wall glycoproteins. New Phytologist, 2016, 209, 241-251.	3.5	41
32	Pectic polysaccharides are attacked by hydroxyl radicals in ripening fruit: evidence from a fluorescent fingerprinting method. Annals of Botany, 2016, 117, 441-455.	1.4	55
33	Heteroâ€transâ€Î²â€glucanase, an enzyme unique to Equisetum plants, functionalizes cellulose. Plant Journal, 2015, 83, 753-769.	2.8	49
34	A general method for assaying homoâ€•and heteroâ€transglycanase activities that act on plant cellâ€wall polysaccharides. Journal of Integrative Plant Biology, 2015, 57, 411-428.	4.1	9
35	The biosynthesis and wallâ€binding of hemicelluloses in celluloseâ€deficient maize cells: An example of metabolic plasticity. Journal of Integrative Plant Biology, 2015, 57, 373-387.	4.1	10
36	Discovery of small molecule inhibitors of xyloglucan endotransglucosylase (XET) activity by high-throughput screening. Phytochemistry, 2015, 117, 220-236.	1.4	13

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37	Synthesis and Use of Stable-Isotope-Labeled Internal Standards for Quantification of Phosphorylated Metabolites by LCâ€“MS/MS. Analytical Chemistry, 2015, 87, 6896-6904.	3.2	66
38	Sugar composition of the pectic polysaccharides of charophytes, the closest algal relatives of land-plants: presence of 3-O-methyl-d-galactose residues. Annals of Botany, 2015, 116, 225-236.	1.4	47
39	Distinct catalytic capacities of two aluminium-repressed Arabidopsis thaliana xyloglucan endotransglucosylase/hydrolases, XTH15 and XTH31, heterologously produced in Pichia. Phytochemistry, 2015, 112, 160-169.	1.4	35
40	Recombinant Plants Provide a New Approach to the Production of Bacterial Polysaccharide for Vaccines. PLoS ONE, 2014, 9, e88144.	1.1	11
41	Rhamnogalacturonan-II cross-linking of plant pectins via boron bridges occurs during polysaccharide synthesis and/or secretion. Plant Signaling and Behavior, 2014, 9, e28169.	1.2	18
42	Fingerprinting of hydroxyl radical-attacked polysaccharides by N-isopropyl-2-aminoacridone labelling. Biochemical Journal, 2014, 463, 225-237.	1.7	28
43	Boron bridging of rhamnogalacturonanâ€<scp>II</scp>, monitored by gel electrophoresis, occurs during polysaccharide synthesis and secretion but not postâ€secretion. Plant Journal, 2014, 77, 534-546.	2.8	66
44	Glycosylinositol phosphorylceramides from Rosa cell cultures are boronâ€bridged in the plasma membrane and form complexes with rhamnogalacturonan <scp>II</scp>. Plant Journal, 2014, 79, 139-149.	2.8	117
45	Evaluation of glycosidic bond cleavage and formation of oxo groups in oxidized barley mixed-linkage Î²-glucans using tritium labelling. Food Research International, 2014, 66, 115-122.	2.9	7
46	Dietary Supplementation with Soluble Plantain Non-Starch Polysaccharides Inhibits Intestinal Invasion of Salmonella Typhimurium in the Chicken. PLoS ONE, 2014, 9, e87658.	1.1	21
47	An unexpectedly lichenase-stable hexasaccharide from cereal, horsetail and lichen mixed-linkage Î²-glucans (MLGs): Implications for MLG subunit distribution. Phytochemistry, 2013, 95, 322-332.	1.4	17
48	Mixedâ€linkage glucan:xyloglucan endotransglucosylase (<scp>MXE</scp>) reâ€models hemicelluloses in <scp>E</scp>quisetum shoots but not in barley shoots or <scp>E</scp>quisetum callus. New Phytologist, 2013, 197, 111-122.	3.5	31
49	Biochemistry and physiological roles of enzymes that â€˜cut and pasteâ€™ plant cell-wall polysaccharides. Journal of Experimental Botany, 2013, 64, 3519-3550.	2.4	168
50	Potent endogenous allelopathic compounds in Lepidium sativum seed exudate: effects on epidermal cell growth in Amaranthus caudatus seedlings. Journal of Experimental Botany, 2012, 63, 2595-2604.	2.4	26
51	XTH31, Encoding an in Vitro XEH/XET-Active Enzyme, Regulates Aluminum Sensitivity by Modulating in Vivo XET Action, Cell Wall Xyloglucan Content, and Aluminum Binding Capacity in Arabidopsis. Plant Cell, 2012, 24, 4731-4747.	3.1	235
52	Evolution of mixed-linkage (1 â†’ 3, 1 â†’ 4)-Î²-d-glucan (MLG) and xyloglucan in Equisetum (horsetails) and other monilophytes. Annals of Botany, 2012, 109, 873-886.	1.4	36
53	Oxidation of dehydroascorbic acid and 2,3-diketogulonate under plant apoplastic conditions. Phytochemistry, 2012, 75, 41-49.	1.4	57
54	Trans-Î±-xylosidase, a widespread enzyme activity in plants, introduces (1â†’4)-Î±-d-xylobiose side-chains into xyloglucan structures. Phytochemistry, 2012, 78, 29-43.	1.4	20

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55	Transâ€Î±â€xylosidase and transâ€Î²â€galactosidase activities, widespread in plants, modify and stabilize xyloglucan structures. Plant Journal, 2012, 71, 45-60.	2.8	23
56	Alternative pathways of dehydroascorbic acid degradation in vitro and in plant cell cultures: novel insights into vitamin C catabolism. Biochemical Journal, 2011, 440, 375-385.	1.7	52
57	Changes in Cinnamic Acid Derivatives Associated with the Habituation of Maize Cells to Dichlobenil. Molecular Plant, 2011, 4, 869-878.	3.9	13
58	Phylogenetic variation in glycosidases and glycanases acting on plant cell wall polysaccharides, and the detection of transglycosidase and transâ€Î²â€xylanase activities. Plant Journal, 2011, 67, 662-681.	2.8	56
59	Differences in enzymic properties of five recombinant xyloglucan endotransglucosylase/hydrolase (XTH) proteins of Arabidopsis thaliana. Journal of Experimental Botany, 2011, 62, 261-271.	2.4	75
60	High-Voltage Paper Electrophoresis (HVPE) of Cell-Wall Building Blocks and Their Metabolic Precursors. Methods in Molecular Biology, 2011, 715, 55-80.	0.4	22
61	Setting the boundaries: Primary cell wall synthesis and expansion. Biochemist, 2011, 33, 14-19.	0.2	4
62	Reactive oxygen speciesâ€induced release of intracellular ascorbate in plant cellâ€suspension cultures and evidence for pulsing of net release rate. New Phytologist, 2010, 187, 332-342.	3.5	26
63	Modification of cell wall properties in lettuce improves shelf life. Journal of Experimental Botany, 2010, 61, 1239-1248.	2.4	28
64	In Vivo Cell Wall Loosening by Hydroxyl Radicals during Cress Seed Germination and Elongation Growth Â Â. Plant Physiology, 2009, 150, 1855-1865.	2.3	346
65	Enzymic characterization of two recombinant xyloglucan endotransglucosylase/hydrolase (XTH) proteins of Arabidopsis and their effect on root growth and cell wall extension. Journal of Experimental Botany, 2009, 60, 3959-3972.	2.4	145
66	Reactive oxygen species in aerobic methane formation from vegetation. Plant Signaling and Behavior, 2009, 4, 629-630.	1.2	12
67	Feruloylated Arabinoxylans Are Oxidatively Cross-Linked by Extracellular Maize Peroxidase but Not by Horseradish Peroxidase. Molecular Plant, 2009, 2, 883-892.	3.9	33
68	On the mechanism of apoplastic H2O2 production during lignin formation and elicitation in cultured spruce cellsâ€"peroxidases after elicitation. Planta, 2009, 230, 553-567.	1.6	35
69	The role of ultraviolet radiation, photosensitizers, reactive oxygen species and ester groups in mechanisms of methane formation from pectin. Plant, Cell and Environment, 2009, 32, 1-9.	2.8	123
70	Extracellular crossâ€linking of maize arabinoxylans by oxidation of feruloyl esters to form oligoferuloyl esters and etherâ€like bonds. Plant Journal, 2009, 58, 554-567.	2.8	36
71	A Brief and Informationally Rich Naming System for Oligosaccharide Motifs of Heteroxylans Found in Plant Cell Walls. Australian Journal of Chemistry, 2009, 62, 533.	0.5	84
72	Xyloglucanâ~pectin linkages are formed intra-protoplasmically, contribute to wall-assembly, and remain stable in the cell wall. Planta, 2008, 227, 781-794.	1.6	164

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73	Anionic derivatives of xyloglucan function as acceptor but not donor substrates for xyloglucan endotransglucosylase activity. Planta, 2008, 227, 893-905.	1.6	21
74	Mixedâ€linkage (1â†'3,1â†'4)â€Î²â€<scp>d</scp>â€glucan is a major hemicellulose of Equisetum (horsetail) cell walls. New Phytologist, 2008, 179, 104-115.	3.5	158
75	Ultraviolet radiation drives methane emissions from terrestrial plant pectins. New Phytologist, 2008, 180, 124-132.	3.5	166
76	Mixedâ€linkage Î²â€glucanâ€ƒ:â€ƒxyloglucan endotransglucosylase, a novel wallâ€remodelling enzyme from Equisetum (horsetails) and charophytic algae. Plant Journal, 2008, 55, 240-252.	2.8	100
77	ZmXTH1, a new xyloglucan endotransglucosylase/hydrolase in maize, affects cell wall structure and composition in Arabidopsis thaliana*. Journal of Experimental Botany, 2008, 59, 875-889.	2.4	57
78	O-Oligosaccharidyl-1-amino-1-deoxyalditols as intermediates for fluorescent labelling of oligosaccharides. Carbohydrate Research, 2007, 342, 44-54.	1.1	17
79	Protoplast isolation and culture from carob (Ceratonia siliqua) hypocotyls: ability of regenerated protoplasts to produce mannose-containing polysaccharides. Physiologia Plantarum, 2007, 130, 11-22.	2.6	7
80	Radioisotope ratios discriminate between competing pathways of cell wall polysaccharide and RNA biosynthesis in living plant cells. Plant Journal, 2007, 52, 252-262.	2.8	70
81	Control of diferulate formation in dicotyledonous and gramineous cell-suspension cultures. Planta, 2007, 227, 439-452.	1.6	43
82	Novel characteristics of UDP-glucose dehydrogenase activities in maize: non-involvement of alcohol dehydrogenases in cell wall polysaccharide biosynthesis. Planta, 2006, 223, 858-870.	1.6	17
83	Why are Chloris gayana leaves shorter in salt-affected plants? Analyses in the elongation zone. Journal of Experimental Botany, 2006, 57, 3945-3952.	2.4	36
84	Effect of ascorbate and its oxidation products on H2O2 production in cell-suspension cultures of Picea abies and in the absence of cells. Journal of Experimental Botany, 2006, 57, 1633-1644.	2.4	65
85	Redox and Wall-Restructuring. , 2006, , 159-190.		13
86	UDP-glucose dehydrogenases of maize: a role in cell wall pentose biosynthesis. Biochemical Journal, 2005, 391, 409-415.	1.7	62
87	Do polyamines contribute to plant cell wall assembly by forming amide bonds with pectins?. Phytochemistry, 2005, 66, 2581-2594.	1.4	19
88	The novel herbicide oxaziclomefone inhibits cell expansion in maize cell cultures without affecting turgor pressure or wall acidification. New Phytologist, 2005, 168, 323-329.	3.5	10
89	Vitamin C degradation in plant cells via enzymatic hydrolysis of 4-O-oxalyl-l-threonate. Nature, 2005, 433, 83-87.	13.7	256
90	Change in XET activities, cell wall extensibility and hypocotyl elongation of soybean seedlings at low water potential. Planta, 2005, 220, 593-601.	1.6	45

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91	Oxidative coupling of a feruloyl-arabinoxylan trisaccharide (FAXX) in the walls of living maize cells requires endogenous hydrogen peroxide and is controlled by a low-Mr apoplastic inhibitor. Planta, 2005, 223, 77-89.	1.6	56
92	XTH acts at the microfibril-matrix interface during cell elongation. Journal of Experimental Botany, 2005, 56, 673-683.	2.4	88
93	Oxaziclomefone, a New Herbicide, Inhibits Wall Expansion in Maize Cell-cultures without Affecting Polysaccharide Biosynthesis, Xyloglucan Transglycosylation, Peroxidase Action or Apoplastic Ascorbate Oxidation. Annals of Botany, 2005, 96, 1097-1107.	1.4	12
94	Widespread Occurrence of a Covalent Linkage Between Xyloglucan and Acidic Polysaccharides in Suspension-cultured Angiosperm Cells. Annals of Botany, 2005, 96, 91-99.	1.4	134
95	Primary cell wall composition of pteridophytes and spermatophytes. New Phytologist, 2004, 164, 165-174.	3.5	111
96	Primary cell wall metabolism: tracking the careers of wall polymers in living plant cells. New Phytologist, 2004, 161, 641-675.	3.5	412
97	3-O-Methylrhamnose in lower land plant primary cell walls. Biochemical Systematics and Ecology, 2004, 32, 279-289.	0.6	31
98	Oxidative coupling of tyrosine and ferulic acid residues: Intra- and extra-protoplasmic occurrence, predominance of trimers and larger products, and possible role in inter-polymeric cross-linking. Phytochemistry Reviews, 2004, 3, 97-111.	3.1	68
99	Extracellular cross-linking of xylan and xyloglucan in maize cell-suspension cultures: the role of oxidative phenolic coupling. Planta, 2004, 219, 73-83.	1.6	51
100	Control of xyloglucan endotransglucosylase activity by salts and anionic polymers. Planta, 2004, 219, 722-32.	1.6	37
101	N-[3H]Benzoylglycylglycylglycine as a probe for hydroxyl radicals. Analytical Biochemistry, 2004, 335, 126-134.	1.1	6
102	Gentiobiose: a novel oligosaccharin in ripening tomato fruit. Planta, 2003, 216, 484-495.	1.6	30
103	Pre-formed xyloglucans and xylans increase in molecular weight in three distinct compartments of a maize cell-suspension culture. Planta, 2003, 217, 327-339.	1.6	60
104	Solubilisation of tomato fruit pectins by ascorbate: a possible non-enzymic mechanism of fruit softening. Planta, 2003, 217, 951-961.	1.6	130
105	Î±- d -Glucuronosyl-(1â†’3)- l -galactose, an unusual disaccharide from polysaccharides of the hornwort Anthoceros caucasicus. Phytochemistry, 2003, 64, 325-335.	1.4	15
106	Primary Cell Wall Composition of Bryophytes and Charophytes. Annals of Botany, 2003, 91, 1-12.	1.4	410
107	The XTH Family of Enzymes Involved in Xyloglucan Endotransglucosylation and Endohydrolysis: Current Perspectives and a New Unifying Nomenclature. Plant and Cell Physiology, 2002, 43, 1421-1435.	1.5	679
108	Patterns of methyl and O-acetyl esterification in spinach pectins. Phytochemistry, 2002, 60, 67-77.	1.4	126

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109	Screening of Arabidopsis thaliana stems for variation in cell wall polysaccharides. Phytochemistry, 2002, 60, 241-254.	1.4	27
110	A proposed role for copper ions in cell wall loosening. Plant and Soil, 2002, 247, 57-67.	1.8	86
111	A proposed role for copper ions in cell wall loosening. , 2002, , 57-67.		6
112	Fingerprinting of polysaccharides attacked by hydroxyl radicals in vitro and in the cell walls of ripening pear fruit. Biochemical Journal, 2001, 357, 729.	1.7	80
113	Ten isoenzymes of xyloglucan endotransglycosylase from plant cell walls select and cleave the donor substrate stochastically. Biochemical Journal, 2001, 355, 671-679.	1.7	49
114	Fingerprinting of polysaccharides attacked by hydroxyl radicals in vitro and in the cell walls of ripening pear fruit. Biochemical Journal, 2001, 357, 729-737.	1.7	125
115	Restructuring of wall-bound xyloglucan by transglycosylation in living plant cells. Plant Journal, 2001, 26, 23-34.	2.8	147
116	3-O-Methyl-d-galactose residues in lycophyte primary cell walls. Phytochemistry, 2001, 57, 711-719.	1.4	38
117	Degradation and metabolism of14C-labelled proanthocyanidins from carob (Ceratonia siliqua) pods in the gastrointestinal tract of the rat. Journal of the Science of Food and Agriculture, 2001, 81, 1156-1165.	1.7	43
118	Density-labelling of cell wall polysaccharides in cultured rose cells: comparison of incorporation of 2H and 13C from exogenous glucose. Carbohydrate Research, 2001, 332, 175-182.	1.1	10
119	Characteristics of xyloglucan after attack by hydroxyl radicals. Carbohydrate Research, 2001, 332, 389-403.	1.1	65
120	Root Hair Initiation Is Coupled to a Highly Localized Increase of Xyloglucan Endotransglycosylase Action in Arabidopsis Roots. Plant Physiology, 2001, 127, 1125-1135.	2.3	140
121	Differences in catalytic properties between native isoenzymes of xyloglucan endotransglycosylase (XET). Phytochemistry, 2000, 54, 667-680.	1.4	41
122	Uronic acid-containing oligosaccharins: Their biosynthesis, degradation and signalling roles in non-diseased plant tissues. Plant Physiology and Biochemistry, 2000, 38, 125-140.	2.8	75
123	Evidence for covalent linkage between xyloglucan and acidic pectins in suspension-cultured rose cells. Planta, 2000, 211, 275-286.	1.6	173
124	Intraprotoplasmic and wall-localised formation of arabinoxylan-bound diferulates and larger ferulate coupling-products in maize cell-suspension cultures. Planta, 2000, 211, 679-692.	1.6	161
125	In vivo Colocalization of Xyloglucan Endotransglycosylase Activity and Its Donor Substrate in the Elongation Zone of Arabidopsis Roots. Plant Cell, 2000, 12, 1229.	3.1	7
126	In Vivo Colocalization of Xyloglucan Endotransglycosylase Activity and Its Donor Substrate in the Elongation Zone of Arabidopsis Roots. Plant Cell, 2000, 12, 1229-1237.	3.1	200

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127	Î±-d-Mannopyranosyl-(1â†'4)-Î±-d-glucuronopyranosyl-(1â†'2)-myo-inositol, a new and unusual oligosaccharide from cultured rose cells. Phytochemistry, 1999, 52, 387-396.	1.4	14
128	Action of diverse peroxidases and laccases on six cell wall-related phenolic compounds. Phytochemistry, 1999, 52, 769-773.	1.4	79
129	Biosynthetic origin and longevity in vivo of Î±- d -mannopyranosyl-(1 â†' 4)-Î±- d -glucuronopyranosyl-(1 â†' 2)-myo -inositol, an unusual extracellular oligosaccharide produced by cultured rose cells. Planta, 1999, 210, 150-156.	1.6	20
130	Visualization of the activity of xyloglucan endotransglycosylase (XET) isoenzymes after gel electrophoresis. Phytochemical Analysis, 1999, 10, 238-240.	1.2	17
131	Purification of xyloglucan endotransglycosylases (XETs): a generally applicable and simple method based on reversible formation of an enzymeâ€"substrate complex. Biochemical Journal, 1999, 340, 207-211.	1.7	23
132	Purification of xyloglucan endotransglycosylases (XETs): a generally applicable and simple method based on reversible formation of an enzymeâ€'substrate complex. Biochemical Journal, 1999, 340, 207.	1.7	19
133	Pulcherosine, an oxidatively coupled trimer of tyrosine in plant cell walls: Its role in cross-link formation. Phytochemistry, 1998, 47, 349-353.	1.4	78
134	NÎ±- and NÎµ-d-galacturonoyl-l-lysine amides: Properties and possible occurrence in plant cell walls. Phytochemistry, 1998, 49, 1879-1890.	1.4	20
135	Oxidative scission of plant cell wall polysaccharides by ascorbate-induced hydroxyl radicals. Biochemical Journal, 1998, 332, 507-515.	1.7	512
136	Upper limits for endogenous oligogalacturonides and free galacturonic acid in rose cell-suspension cultures: Implications for the action of Exo- and Endo-polygalacturonases in vivo. Journal of Plant Physiology, 1997, 150, 241-246.	1.6	12
137	Transport, degradation and cell wall-integration of XXFGol, a growth-regulating nonasaccharide of xyloglucan, in pea stems. Planta, 1997, 204, 78-85.	1.6	12
138	Novel 'dot-blot' assays for glycosyltransferases and glycosylhydrolases: optimization for xyloglucan endotransglycosylase (XET) activity. Plant Journal, 1997, 11, 1141-1150.	2.8	88
139	O-feruloylated, O-acetylated oligosaccharides as side-chains of grass xylans. Phytochemistry, 1997, 44, 1011-1018.	1.4	73
140	2-O-Î²-d-xylopyranosyl-(5-O-feruloyl)-l-arabinose, a widespread component of grass cell walls. Phytochemistry, 1997, 44, 1019-1030.	1.4	93
141	Digestion by fungal glycanases of arabinoxylans with different feruloylated side-chains. Phytochemistry, 1997, 45, 1123-1129.	1.4	19
142	Fate of U-14C-Gelatinized and U-14C-Retrograded Bean Starch in the Rat. Journal of Agricultural and Food Chemistry, 1996, 44, 2316-2323.	2.4	4
143	The use of14C-labelled substrates to study plant cell wall breakdown in the gastrointestinal tract. Proceedings of the Nutrition Society, 1996, 55, 927-936.	0.4	1
144	Di-isodityrosine, a novel tetrametric derivative of tyrosine in plant cell wall proteins: a new potential cross-link. Biochemical Journal, 1996, 315, 323-327.	1.7	104

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145	InVivo Release of 14C-Labelled Phenolic Groups from Intact Dietary Spinach Cell Walls During Passage Through the Rat Intestine. Journal of the Science of Food and Agriculture, 1996, 71, 459-469.	1.7	67
146	In Vivo Release of 14Câ€Labelled Phenolic Groups from Intact Dietary Spinach Cell Walls During Passage Through the Rat Intestine. Journal of the Science of Food and Agriculture, 1996, 71, 459-469.	1.7	4
147	Dithiothreitol and cobalt effects on membrane-associated peroxidases oxidizing feruloyl-CoA. Phytochemistry, 1995, 38, 573-577.	1.4	18
148	In vitro peroxidase-catalysed oxidation of ferulic acid esters. Phytochemistry, 1995, 39, 1293-1299.	1.4	41
149	The longevity of biologically-active oligogalacturonides in rose cell cultures: degradation by exo-polygalacturonase. Journal of Experimental Botany, 1995, 46, 1853-1857.	2.4	18
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