Jocelyn K C Rose

List of Publications by Year in Descending Order

148 papers	14,093 citations	67 h-index	118 g-index
206 ext. papers	17,229 ext. citations	8.7 avg, IF	6.46 L-index

#	Paper	IF	Citations
148	Trafficking Processes and Secretion Pathways Underlying the Formation of Plant Cuticles.. *Frontiers in Plant Science*, **2021**, 12, 786874	6.2	1
147	An HD-ZIP-MYB complex regulates glandular secretory trichome initiation in Artemisia annua. *New Phytologist*, **2021**, 231, 2050-2064	9.8	5
146	Apple Ripening Is Controlled by a NAC Transcription Factor. *Frontiers in Genetics*, **2021**, 12, 671300	4.5	6
145	Limited effect of environmental stress on cannabinoid profiles in high-cannabidiol hemp (Cannabis sativa L.). *GCB Bioenergy*, **2021**, 13, 1666-1674	5.6	5
144	The WRKY transcription factor AaGSW2 promotes glandular trichome initiation in Artemisia annua. *Journal of Experimental Botany*, **2021**, 72, 1691-1701	7	4
143	Season-long characterization of high-cannabinoid hemp (Cannabis sativa L.) reveals variation in cannabinoid accumulation, flowering time, and disease resistance. *GCB Bioenergy*, **2021**, 13, 546-561	5.6	16
142	Function of the HYDROXYCINNAMOYL-CoA:SHIKIMATE HYDROXYCINNAMOYL TRANSFERASE is evolutionarily conserved in embryophytes. *Plant Cell*, **2021**, 33, 1472-1491	11.6	13
141	Morphometric relationships and their contribution to biomass and cannabinoid yield in hybrids of hemp (Cannabis sativa). *Journal of Experimental Botany*, **2021**, 72, 7694-7709	7	2
140	A tomato LATERAL ORGAN BOUNDARIES transcription factor, , predominantly regulates cell wall and softening components of ripening. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	3
139	Cutin and suberin: assembly and origins of specialized lipidic cell wall scaffolds. *Current Opinion in Plant Biology*, **2020**, 55, 11-20	9.9	57
138	Experimental Manipulation of Pectin Architecture in the Cell Wall of the Unicellular Charophyte,. *Frontiers in Plant Science*, **2020**, 11, 1032	6.2	8
137	Endomembrane architecture and dynamics during secretion of the extracellular matrix of the unicellular charophyte, Penium margaritaceum. *Journal of Experimental Botany*, **2020**, 71, 3323-3339	7	4
136	Development and validation of genetic markers for sex and cannabinoid chemotype in Cannabis sativa L.. *GCB Bioenergy*, **2020**, 12, 213-222	5.6	42
135	The Penium margaritaceum Genome: Hallmarks of the Origins of Land Plants. *Cell*, **2020**, 181, 1097-1111.e12	36.2	62
134	Manipulation of β-carotene levels in tomato fruits results in increased ABA content and extended shelf life. *Plant Biotechnology Journal*, **2020**, 18, 1185-1199	11.6	36
133	Transpiration from Tomato Fruit Occurs Primarily via Trichome-Associated Transcuticular Polar Pores. *Plant Physiology*, **2020**, 184, 1840-1852	6.6	7
132	Callose deposition is essential for the completion of cytokinesis in the unicellular alga. *Journal of Cell Science*, **2020**, 133,	5.3	5

131	The Tomato Guanylate-Binding Protein SlGBP1 Enables Fruit Tissue Differentiation by Maintaining Endopolyploid Cells in a Non-Proliferative State. *Plant Cell*, **2020**, 32, 3188-3205	11.6	7
130	Comparative genomics of muskmelon reveals a potential role for retrotransposons in the modification of gene expression. *Communications Biology*, **2020**, 3, 432	6.7	9
129	Genetic and metabolic effects of ripening mutations and vine detachment on tomato fruit quality. *Plant Biotechnology Journal*, **2020**, 18, 106-118	11.6	23
128	The tomato gene contributes to regulation of fruit ripening. *Horticulture Research*, **2019**, 6, 15	7.7	10
127	A relationship between tomato fruit softening, cuticle properties and water availability. *Food Chemistry*, **2019**, 295, 300-310	8.5	31
126	Glycerol-3-phosphate acyltransferase 6 controls filamentous pathogen interactions and cell wall properties of the tomato and Nicotiana benthamiana leaf epidermis. *New Phytologist*, **2019**, 223, 1547-1559	8.8	9
125	Synthesis and Oligomerization of 10,16-Dihydroxyhexadecanoyl Esters with Different Head-Groups for the Study of CUS1 Selectivity. *European Journal of Organic Chemistry*, **2019**, 2019, 5704-5708	3.2	4
124	Biochemical and physiological flexibility accompanies reduced cellulose biosynthesis in Brachypodium. *AoB PLANTS*, **2019**, 11, plz041	2.9	2
123	The Genome of Artemisia annua Provides Insight into the Evolution of Asteraceae Family and Artemisinin Biosynthesis. *Molecular Plant*, **2018**, 11, 776-788	14.4	97
122	Natural Variation Underlies Differences in ETHYLENE RESPONSE FACTOR17 Activity in Fruit Peel Degreening. *Plant Physiology*, **2018**, 176, 2292-2304	6.6	27
121	Fruit Softening: Revisiting the Role of Pectin. *Trends in Plant Science*, **2018**, 23, 302-310	13.1	196
120	High-resolution spatiotemporal transcriptome mapping of tomato fruit development and ripening. *Nature Communications*, **2018**, 9, 364	17.4	131
119	The Secretome and N-Glycosylation Profiles of the Charophycean Green Alga, Penium margaritaceum, Resemble Those of Embryophytes. *Proteomes*, **2018**, 6,	4.6	9
118	Isolation and manipulation of protoplasts from the unicellular green alga Penium margaritaceum. *Plant Methods*, **2018**, 14,	5.8	7
117	Cell Wall Disassembly **2018**, 264-324		6
116	Identification of tomato introgression lines with enhanced susceptibility or resistance to infection by parasitic giant dodder (Cuscuta reflexa). *Physiologia Plantarum*, **2018**, 162, 205-218	4.6	13
115	Surveying the Plant Cell Wall Proteome, or Secretome **2018**, 185-209		1
114	Plant Cell Walls in the Post-Genomic Era **2018**, 325-375		1

113	CUTIN SYNTHASE 2 Maintains Progressively Developing Cuticular Ridges in Arabidopsis Sepals. *Molecular Plant*, **2017**, 10, 560-574	14.4	26
112	Transcriptome Analysis of Mango (Mangifera indica L.) Fruit Epidermal Peel to Identify Putative Cuticle-Associated Genes. *Scientific Reports*, **2017**, 7, 46163	4.9	31
111	Cuticle Biosynthesis in Tomato Leaves Is Developmentally Regulated by Abscisic Acid. *Plant Physiology*, **2017**, 174, 1384-1398	6.6	43
110	The Tomato Expression Atlas. *Bioinformatics*, **2017**, 33, 2397-2398	7.2	39
109	A phenol-enriched cuticle is ancestral to lignin evolution in land plants. *Nature Communications*, **2017**, 8, 14713	17.4	87
108	TATA Box Insertion Provides a Selection Mechanism Underpinning Adaptations to Fe Deficiency. *Plant Physiology*, **2017**, 173, 715-727	6.6	18
107	Transcriptional dynamics of Phytophthora infestans during sequential stages of hemibiotrophic infection of tomato. *Molecular Plant Pathology*, **2016**, 17, 29-41	5.7	49
106	Analysis of the tomato leaf transcriptome during successive hemibiotrophic stages of a compatible interaction with the oomycete pathogen Phytophthora infestans. *Molecular Plant Pathology*, **2016**, 17, 42-54	5.7	28
105	Genetic improvement of tomato by targeted control of fruit softening. *Nature Biotechnology*, **2016**, 34, 950-2	44.5	155
104	Laser microdissection of tomato fruit cell and tissue types for transcriptome profiling. *Nature Protocols*, **2016**, 11, 2376-2388	18.8	18
103	The Plant Polyester Cutin: Biosynthesis, Structure, and Biological Roles. *Annual Review of Plant Biology*, **2016**, 67, 207-33	30.7	183
102	Solid-State (13)C NMR Delineates the Architectural Design of Biopolymers in Native and Genetically Altered Tomato Fruit Cuticles. *Biomacromolecules*, **2016**, 17, 215-24	6.9	19
101	Orthology Analysis and In Vivo Complementation Studies to Elucidate the Role of DIR1 during Systemic Acquired Resistance in Arabidopsis thaliana and Cucumis sativus. *Frontiers in Plant Science*, **2016**, 7, 566	6.2	17
100	Application of wide selected-ion monitoring data-independent acquisition to identify tomato fruit proteins regulated by the CUTIN DEFICIENT2 transcription factor. *Proteomics*, **2016**, 16, 2081-94	4.8	19
99	The Glycerol-3-Phosphate Acyltransferase GPAT6 from Tomato Plays a Central Role in Fruit Cutin Biosynthesis. *Plant Physiology*, **2016**, 171, 894-913	6.6	54
98	Dissecting the molecular signatures of apical cell-type shoot meristems from two ancient land plant lineages. *New Phytologist*, **2015**, 207, 893-904	9.8	31
97	Cell wall composition profiling of parasitic giant dodder (Cuscuta reflexa) and its hosts: a priori differences and induced changes. *New Phytologist*, **2015**, 207, 805-16	9.8	34
96	Ethylene suppresses tomato (Solanum lycopersicum) fruit set through modification of gibberellin metabolism. *Plant Journal*, **2015**, 83, 237-51	6.9	76

95	The postharvest tomato fruit quality of long shelf-life Mediterranean landraces is substantially influenced by irrigation regimes. *Postharvest Biology and Technology*, **2014**, 93, 114-121	6.2	23
94	Genome sequence of the hot pepper provides insights into the evolution of pungency in Capsicum species. *Nature Genetics*, **2014**, 46, 270-8	36.3	594
93	The genome of the stress-tolerant wild tomato species Solanum pennellii. *Nature Genetics*, **2014**, 46, 1034-8	36.3	269
92	Tomato Cutin Deficient 1 (CD1) and putative orthologs comprise an ancient family of cutin synthase-like (CUS) proteins that are conserved among land plants. *Plant Journal*, **2014**, 77, 667-75	6.9	70
91	A comparative study of lectin affinity based plant N-glycoproteome profiling using tomato fruit as a model. *Molecular and Cellular Proteomics*, **2014**, 13, 566-79	7.6	43
90	Pectin metabolism and assembly in the cell wall of the charophyte green alga Penium margaritaceum. *Plant Physiology*, **2014**, 165, 105-18	6.6	76
89	Stable transformation and reverse genetic analysis of Penium margaritaceum: a platform for studies of charophyte green algae, the immediate ancestors of land plants. *Plant Journal*, **2014**, 77, 339-51	6.9	45
88	Mining secreted proteins that function in pepper fruit development and ripening using a yeast secretion trap (YST). *Biochemical and Biophysical Research Communications*, **2014**, 446, 882-8	3.4	5
87	There's more than one way to skin a fruit: formation and functions of fruit cuticles. *Journal of Experimental Botany*, **2014**, 65, 4639-51	7	143
86	Regulation of ripening and opportunities for control in tomato and other fruits. *Plant Biotechnology Journal*, **2013**, 11, 269-78	11.6	124
85	The formation and function of plant cuticles. *Plant Physiology*, **2013**, 163, 5-20	6.6	664
84	An ATP binding cassette transporter is required for cuticular wax deposition and desiccation tolerance in the moss Physcomitrella patens. *Plant Cell*, **2013**, 25, 4000-13	11.6	71
83	The tomato SlSHINE3 transcription factor regulates fruit cuticle formation and epidermal patterning. *New Phytologist*, **2013**, 197, 468-480	9.8	112
82	Cell Wall Architecture and Metabolism in Ripening Fruit and the Complex Relationship with Softening **2013**, 163-187		7
81	Developmental onset of reproductive barriers and associated proteome changes in stigma/styles of Solanum pennellii. *Journal of Experimental Botany*, **2013**, 64, 265-79	7	37
80	Progress toward the tomato fruit cell wall proteome. *Frontiers in Plant Science*, **2013**, 4, 159	6.2	19
79	Catalyzing plant science research with RNA-seq. *Frontiers in Plant Science*, **2013**, 4, 66	6.2	102
78	The identification of cutin synthase: formation of the plant polyester cutin. *Nature Chemical Biology* , **2012**, 8, 609-11	11.7	142

77	Adaptive horizontal transfer of a bacterial gene to an invasive insect pest of coffee. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 4197-202	11.5	157
76	A yeast secretion trap assay for identification of secreted proteins from eukaryotic phytopathogens and their plant hosts. *Methods in Molecular Biology*, **2012**, 835, 519-30	1.4	11
75	Enabling proteomic studies with RNA-Seq: The proteome of tomato pollen as a test case. *Proteomics*, **2012**, 12, 761-74	4.8	56
74	Comparative characterization of the glycosylation profiles of an influenza hemagglutinin produced in plant and insect hosts. *Proteomics*, **2012**, 12, 1269-88	4.8	38
73	Cellulose microfibril crystallinity is reduced by mutating C-terminal transmembrane region residues CESA1A903V and CESA3T942I of cellulose synthase. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 4098-103	11.5	130
72	The fruit cuticles of wild tomato species exhibit architectural and chemical diversity, providing a new model for studying the evolution of cuticle function. *Plant Journal*, **2012**, 69, 655-66	6.9	72
71	The secreted plant N-glycoproteome and associated secretory pathways. *Frontiers in Plant Science*, **2012**, 3, 117	6.2	42
70	The Charophycean green algae as model systems to study plant cell walls and other evolutionary adaptations that gave rise to land plants. *Plant Signaling and Behavior*, **2012**, 7, 1-3	2.5	100
69	Quantitative proteomic analysis reveals that antioxidation mechanisms contribute to cold tolerance in plantain (Musa paradisiaca L.; ABB Group) seedlings. *Molecular and Cellular Proteomics*, **2012**, 11, 1853-69	7.6	80
68	Use of a secretion trap screen in pepper following Phytophthora capsici infection reveals novel functions of secreted plant proteins in modulating cell death. *Molecular Plant-Microbe Interactions*, **2011**, 24, 671-84	3.6	30
67	The charophycean green algae provide insights into the early origins of plant cell walls. *Plant Journal*, **2011**, 68, 201-11	6.9	172
66	Expression of ripening-related genes in cold-stored tomato fruit. *Postharvest Biology and Technology*, **2011**, 61, 1-14	6.2	54
65	Interspecific reproductive barriers in the tomato clade: opportunities to decipher mechanisms of reproductive isolation. *Sexual Plant Reproduction*, **2011**, 24, 171-87		86
64	Towards characterization of the glycoproteome of tomato (Solanum lycopersicum) fruit using Concanavalin A lectin affinity chromatography and LC-MALDI-MS/MS analysis. *Proteomics*, **2011**, 11, 1530-44	4.8	54
63	Characterization of the plant cell wall proteome using high-throughput screens. *Methods in Molecular Biology*, **2011**, 715, 255-72	1.4	3
62	Two oxidosqualene cyclases responsible for biosynthesis of tomato fruit cuticular triterpenoids. *Plant Physiology*, **2011**, 155, 540-52	6.6	83
61	Malate plays a crucial role in starch metabolism, ripening, and soluble solid content of tomato fruit and affects postharvest softening. *Plant Cell*, **2011**, 23, 162-84	11.6	174
60	Systems biology of tomato fruit development: combined transcript, protein, and metabolite analysis of tomato transcription factor (nor, rin) and ethylene receptor (Nr) mutants reveals novel regulatory interactions. *Plant Physiology*, **2011**, 157, 405-25	6.6	245

59	Tissue- and cell-type specific transcriptome profiling of expanding tomato fruit provides insights into metabolic and regulatory specialization and cuticle formation. *Plant Cell*, **2011**, 23, 3893-910	11.6	162
58	A secreted effector protein (SNE1) from Phytophthora infestans is a broadly acting suppressor of programmed cell death. *Plant Journal*, **2010**, 62, 357-66	6.9	92
57	Multiple features that distinguish unilateral incongruity and self-incompatibility in the tomato clade. *Plant Journal*, **2010**, 64, 367-78	6.9	57
56	Fruit cuticle lipid composition during development in tomato ripening mutants. *Physiologia Plantarum*, **2010**, 139, 107-17	4.6	72
55	Mediation of the transition from biotrophy to necrotrophy in hemibiotrophic plant pathogens by secreted effector proteins. *Plant Signaling and Behavior*, **2010**, 5, 769-72	2.5	63
54	Straying off the highway: trafficking of secreted plant proteins and complexity in the plant cell wall proteome. *Plant Physiology*, **2010**, 153, 433-6	6.6	83
53	Tissue-specific transcriptome profiling of the citrus fruit epidermis and subepidermis using laser capture microdissection. *Journal of Experimental Botany*, **2010**, 61, 3321-30	7	46
52	Mining the surface proteome of tomato (Solanum lycopersicum) fruit for proteins associated with cuticle biogenesis. *Journal of Experimental Botany*, **2010**, 61, 3759-71	7	64
51	Cell wall metabolism in cold-stored tomato fruit. *Postharvest Biology and Technology*, **2010**, 57, 106-113	6.2	38
50	Fleshy fruit expansion and ripening are regulated by the Tomato SHATTERPROOF gene TAGL1. *Plant Cell*, **2009**, 21, 3041-62	11.6	311
49	Biology and genetic engineering of fruit maturation for enhanced quality and shelf-life. *Current Opinion in Biotechnology*, **2009**, 20, 197-203	11.4	103
48	Three-dimensional imaging of plant cuticle architecture using confocal scanning laser microscopy. *Plant Journal*, **2009**, 60, 378-85	6.9	91
47	Cutin deficiency in the tomato fruit cuticle consistently affects resistance to microbial infection and biomechanical properties, but not transpirational water loss. *Plant Journal*, **2009**, 60, 363-77	6.9	193
46	Arabidopsis LTPG is a glycosylphosphatidylinositol-anchored lipid transfer protein required for export of lipids to the plant surface. *Plant Cell*, **2009**, 21, 1230-8	11.6	234
45	Plant glycosyl hydrolases and biofuels: a natural marriage. *Current Opinion in Plant Biology*, **2008**, 11, 329-37	9.9	67
44	Antisense inhibition of a pectate lyase gene supports a role for pectin depolymerization in strawberry fruit softening. *Journal of Experimental Botany*, **2008**, 59, 2769-79	7	84
43	Structure of the glucanase inhibitor protein (GIP) family from phytophthora species suggests coevolution with plant endo-beta-1,3-glucanases. *Molecular Plant-Microbe Interactions*, **2008**, 21, 820-30	3.6	53
42	The biochemistry and biology of extracellular plant lipid-transfer proteins (LTPs). *Protein Science*, **2008**, 17, 191-8	6.3	204

41	Ethylene regulation of fruit softening and cell wall disassembly in Charentais melon. *Journal of Experimental Botany*, **2007**, 58, 1281-90	7	131
40	The linkage between cell wall metabolism and fruit softening: looking to the future. *Journal of the Science of Food and Agriculture*, **2007**, 87, 1435-1448	4.3	233
39	Structural organization and a standardized nomenclature for plant endo-1,4-beta-glucanases (cellulases) of glycosyl hydrolase family 9. *Plant Physiology*, **2007**, 144, 1693-6	6.6	72
38	A tomato endo-beta-1,4-glucanase, SlCel9C1, represents a distinct subclass with a new family of carbohydrate binding modules (CBM49). *Journal of Biological Chemistry*, **2007**, 282, 12066-74	5.4	48
37	A reevaluation of the key factors that influence tomato fruit softening and integrity. *Plant Physiology*, **2007**, 144, 1012-28	6.6	274
36	A functional screen to characterize the secretomes of eukaryotic pathogens and their hosts in planta. *Molecular Plant-Microbe Interactions*, **2006**, 19, 1368-77	3.6	51
35	Identification of eukaryotic secreted and cell surface proteins using the yeast secretion trap screen. *Nature Protocols*, **2006**, 1, 2439-47	18.8	24
34	Phytophthora genome sequences uncover evolutionary origins and mechanisms of pathogenesis. *Science*, **2006**, 313, 1261-6	33.3	827
33	Overexpression of INFLORESCENCE DEFICIENT IN ABSCISSION activates cell separation in vestigial abscission zones in Arabidopsis. *Plant Cell*, **2006**, 18, 1467-76	11.6	121
32	Characterization of a new xyloglucan endotransglucosylase/hydrolase (XTH) from ripening tomato fruit and implications for the diverse modes of enzymic action. *Plant Journal*, **2006**, 47, 282-95	6.9	146
31	Sample extraction techniques for enhanced proteomic analysis of plant tissues. *Nature Protocols*, **2006**, 1, 769-74	18.8	333
30	GENE EXPRESSION AND ACTIVITIES OF CELL WALL-ASSOCIATED ENZYMES IN COLD-STORED TOMATO FRUIT. *Hortscience: A Publication of the American Society for Hortcultural Science*, **2006**, 41, 494C-494	2.4	
29	A coupled yeast signal sequence trap and transient plant expression strategy to identify genes encoding secreted proteins from peach pistils. *Journal of Experimental Botany*, **2005**, 56, 2229-38	7	21
28	A surprising diversity and abundance of xyloglucan endotransglucosylase/hydrolases in rice. Classification and expression analysis. *Plant Physiology*, **2004**, 134, 1088-99	6.6	159
27	ESTs, cDNA microarrays, and gene expression profiling: tools for dissecting plant physiology and development. *Plant Journal*, **2004**, 39, 697-714	6.9	203
26	Tackling the plant proteome: practical approaches, hurdles and experimental tools. *Plant Journal*, **2004**, 39, 715-33	6.9	264
25	The plot thickens: New perspectives of primary cell wall modification. *Current Opinion in Plant Biology*, **2004**, 7, 296-301	9.9	64
24	Nomenclature for members of the expansin superfamily of genes and proteins. *Plant Molecular Biology*, **2004**, 55, 311-4	4.6	192

23	A critical evaluation of sample extraction techniques for enhanced proteomic analysis of recalcitrant plant tissues. *Proteomics*, **2004**, 4, 2522-32	4.8	342
22	Digging deeper into the plant cell wall proteome. *Plant Physiology and Biochemistry*, **2004**, 42, 979-88	5.4	84
21	Proteinaceous inhibitors of endo-beta-glucanases. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2004**, 1696, 223-33	4	50
20	Activator mutagenesis of the pink scutellum1/viviparous7 locus of maize. *Plant Cell*, **2003**, 15, 874-84	11.6	95
19	Expansin protein levels decline with the development of mealiness in peaches. *Postharvest Biology and Technology*, **2003**, 29, 11-18	6.2	49
18	Differential expression of seven alpha-expansin genes during growth and ripening of pear fruit. *Physiologia Plantarum*, **2003**, 117, 564-572	4.6	87
17	Characterization of a tomato protein that inhibits a xyloglucan-specific endoglucanase. *Plant Journal*, **2003**, 34, 327-38	6.9	89
16	Cloning, expression and characterization of a family-74 xyloglucanase from Thermobifida fusca. *FEBS Journal*, **2003**, 270, 3083-91		56
15	Molecular cloning and characterization of glucanase inhibitor proteins: coevolution of a counterdefense mechanism by plant pathogens. *Plant Cell*, **2002**, 14, 1329-45	11.6	166
14	The XTH family of enzymes involved in xyloglucan endotransglucosylation and endohydrolysis: current perspectives and a new unifying nomenclature. *Plant and Cell Physiology*, **2002**, 43, 1421-35	4.9	568
13	Characterization of a tomato xyloglucan endotransglycosylase gene that is down-regulated by auxin in etiolated hypocotyls. *Plant Physiology*, **2001**, 127, 1180-92	6.6	70
12	Detection of expansin proteins and activity during tomato fruit ontogeny. *Plant Physiology*, **2000**, 123, 1583-92	6.6	104
11	Limited correlation between expansin gene expression and elongation growth rate. *Plant Physiology*, **2000**, 123, 1399-414	6.6	98
10	Auxin-regulated genes encoding cell wall-modifying proteins are expressed during early tomato fruit growth. *Plant Physiology*, **2000**, 122, 527-34	6.6	173
9	Cooperative disassembly of the cellulose-xyloglucan network of plant cell walls: parallels between cell expansion and fruit ripening. *Trends in Plant Science*, **1999**, 4, 176-183	13.1	364
8	Polygalacturonase gene expression in ripe melon fruit supports a role for polygalacturonase in ripening-associated pectin disassembly. *Plant Physiology*, **1998**, 117, 363-73	6.6	126
7	Temporal sequence of cell wall disassembly in rapidly ripening melon fruit. *Plant Physiology*, **1998**, 117, 345-61	6.6	246
6	Auxin regulation and spatial localization of an endo-1,4-beta-D-glucanase and a xyloglucan endotransglycosylase in expanding tomato hypocotyls. *Plant Journal*, **1997**, 12, 417-26	6.9	157

5	The respiratory climacteric is present in Charentais (Cucumis melocv. Reticulatus F1 Alpha) melons ripened on or off the plant. *Journal of Experimental Botany*, **1995**, 46, 1923-1925	7	42
4	Surveying the Plant Cell Wall Proteome, or Secretome185-209		6
3	Characterization of a Tomato Xyloglucan Endotransglycosylase Gene That Is Down-Regulated by Auxin in Etiolated Hypocotyls		16
2	Apple ripening is controlled by a NAC transcription factor		3
1	The Genome of the Charophyte AlgaPenium margaritaceumBears Footprints of the Evolutionary Origins of Land Plants		3