

# Jin-Gui Chen

## List of Publications by Year in descending order

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133  
papers

10,272  
citations

30070

54  
h-index

37204

96  
g-index

138  
all docs

138  
docs citations

138  
times ranked

8943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Surface- and Rho GTPase-Based Auxin Signaling Controls Cellular Interdigitation in Arabidopsis. <i>Cell</i> , 2010, 143, 99-110.	28.9	454
2	Different Signaling and Cell Death Roles of Heterotrimeric G Protein $\hat{1}\alpha$ and $\hat{1}\beta$ Subunits in the Arabidopsis Oxidative Stress Response to Ozone. <i>Plant Cell</i> , 2005, 17, 957-970.	6.6	363
3	Modulation of Cell Proliferation by Heterotrimeric G Protein in Arabidopsis. <i>Science</i> , 2001, 292, 2066-2069.	12.6	356
4	Population genomics of <i>Populus trichocarpa</i> identifies signatures of selection and adaptive trait associations. <i>Nature Genetics</i> , 2014, 46, 1089-1096.	21.4	330
5	The $\hat{1}\beta$ -Subunit of the Arabidopsis G Protein Negatively Regulates Auxin-Induced Cell Division and Affects Multiple Developmental Processes[W]. <i>Plant Cell</i> , 2003, 15, 393-409.	6.6	310
6	A Seven-Transmembrane RGS Protein That Modulates Plant Cell Proliferation. <i>Science</i> , 2003, 301, 1728-1731.	12.6	300
7	ABP1 is required for organized cell elongation and division in Arabidopsis embryogenesis. <i>Genes and Development</i> , 2001, 15, 902-911.	5.9	295
8	Regulation of Lignin Biosynthesis and Its Role in Growth-Defense Tradeoffs. <i>Frontiers in Plant Science</i> , 2018, 9, 1427.	3.6	231
9	Role of a Heterotrimeric G Protein in Regulation of Arabidopsis Seed Germination. <i>Plant Physiology</i> , 2002, 129, 897-907.	4.8	227
10	G-Protein Complex Mutants Are Hypersensitive to Abscisic Acid Regulation of Germination and Postgermination Development. <i>Plant Physiology</i> , 2006, 141, 243-256.	4.8	219
11	Heterotrimeric G protein signalling in the plant kingdom. <i>Open Biology</i> , 2013, 3, 120186.	3.6	218
12	Arabidopsis Ovate Family Protein 1 is a transcriptional repressor that suppresses cell elongation. <i>Plant Journal</i> , 2007, 50, 858-872.	5.7	209
13	GTPase acceleration as the rate-limiting step in <i>Arabidopsis</i> G protein-coupled sugar signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17317-17322.	7.1	195
14	Arabidopsis G $\alpha$ protein interactome reveals connections to cell wall carbohydrates and morphogenesis. <i>Molecular Systems Biology</i> , 2011, 7, 532.	7.2	191
15	The Plastid Protein THYLAKOID FORMATION1 and the Plasma Membrane G-Protein GPA1 Interact in a Novel Sugar-Signaling Mechanism in Arabidopsis. <i>Plant Cell</i> , 2006, 18, 1226-1238.	6.6	187
16	Heterotrimeric G Protein $\hat{1}\beta$ Subunits Provide Functional Selectivity in G $\hat{1}\beta$ Dimer Signaling in Arabidopsis. <i>Plant Cell</i> , 2007, 19, 1235-1250.	6.6	176
17	Differential Roles of Arabidopsis Heterotrimeric G-Protein Subunits in Modulating Cell Division in Roots. <i>Plant Physiology</i> , 2006, 141, 887-897.	4.8	165
18	GCR1 Can Act Independently of Heterotrimeric G-Protein in Response to Brassinosteroids and Gibberellins in Arabidopsis Seed Germination. <i>Plant Physiology</i> , 2004, 135, 907-915.	4.8	160

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19	The <i>Kalanchoë</i> genome provides insights into convergent evolution and building blocks of crassulacean acid metabolism. <i>Nature Communications</i> , 2017, 8, 1899.	12.8	159
20	TRICHOMELESS1 regulates trichome patterning by suppressing <i>GLABRA1</i> in <i>Arabidopsis</i> . <i>Development (Cambridge)</i> , 2007, 134, 3873-3882.	2.5	158
21	OVATE FAMILY PROTEIN4 (OFP4) interaction with KNAT7 regulates secondary cell wall formation in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2011, 67, 328-341.	5.7	151
22	Crystal structure of auxin-binding protein 1 in complex with auxin. <i>EMBO Journal</i> , 2002, 21, 2877-2885.	7.8	138
23	RACK1 mediates multiple hormone responsiveness and developmental processes in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2006, 57, 2697-2708.	4.8	128
24	<i>Arabidopsis</i> mitogen-activated protein kinase MPK12 interacts with the MAPK phosphatase IBR5 and regulates auxin signaling. <i>Plant Journal</i> , 2009, 57, 975-985.	5.7	128
25	A Reevaluation of the Role of the Heterotrimeric G Protein in Coupling Light Responses in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2003, 131, 1623-1627.	4.8	124
26	AtRGS1 Function in <i>Arabidopsis thaliana</i> . <i>Methods in Enzymology</i> , 2004, 389, 338-350.	1.0	122
27	Comprehensive analysis of single-repeat R3 MYB proteins in epidermal cell patterning and their transcriptional regulation in <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , 2008, 8, 81.	3.6	119
28	A Dual Role of Strigolactones in Phosphate Acquisition and Utilization in Plants. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7681-7701.	4.1	117
29	The role of auxin-binding protein 1 in the expansion of tobacco leaf cells. <i>Plant Journal</i> , 2002, 28, 607-617.	5.7	112
30	Genome-wide association studies and expression-based quantitative trait loci analyses reveal roles of <i>HCT2</i> in caffeoylquinic acid biosynthesis and its regulation by defense-responsive transcription factors in <i>Populus</i> . <i>New Phytologist</i> , 2018, 220, 502-516.	7.3	112
31	Genetic characterization reveals no role for the reported ABA receptor, GCR2, in ABA control of seed germination and early seedling development in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2007, 52, 1001-1013.	5.7	111
32	Functional characterization of TRICHOMELESS2, a new single-repeat R3 MYB transcription factor in the regulation of trichome patterning in <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , 2011, 11, 176.	3.6	111
33	Involvement of <i>Arabidopsis</i> RACK1 in Protein Translation and Its Regulation by Abscisic Acid. <i>Plant Physiology</i> , 2011, 155, 370-383.	4.8	111
34	Recent Advances in the Transcriptional Regulation of Secondary Cell Wall Biosynthesis in the Woody Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 1535.	3.6	110
35	Abscisic acid regulation of guard-cell $K^{+}$ and anion channels in $G\hat{I}^{2-}$ and RGS-deficient <i>Arabidopsis</i> lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8476-8481.	7.1	107
36	High-resolution genetic mapping of allelic variants associated with cell wall chemistry in <i>Populus</i> . <i>BMC Genomics</i> , 2015, 16, 24.	2.8	106

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37	Regulation of secondary cell wall biosynthesis by poplar R2R3 MYB transcription factor PtrMYB152 in Arabidopsis. <i>Scientific Reports</i> , 2014, 4, 5054.	3.3	106
38	Arabidopsis Ovate Family Proteins, a Novel Transcriptional Repressor Family, Control Multiple Aspects of Plant Growth and Development. <i>PLoS ONE</i> , 2011, 6, e23896.	2.5	104
39	AtMPK4 is required for male-specific meiotic cytokinesis in Arabidopsis. <i>Plant Journal</i> , 2011, 67, 895-906.	5.7	103
40	Regulation of cell fate determination by single-repeat R3 MYB transcription factors in Arabidopsis. <i>Frontiers in Plant Science</i> , 2014, 5, 133.	3.6	102
41	RACK1 is a negative regulator of ABA responses in Arabidopsis. <i>Journal of Experimental Botany</i> , 2009, 60, 3819-3833.	4.8	100
42	<i>Pseudomonas fluorescens</i> Induces Strain-Dependent and Strain-Independent Host Plant Responses in Defense Networks, Primary Metabolism, Photosynthesis, and Fitness. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 765-778.	2.6	100
43	Expression analysis of the AtMLO Gene Family Encoding Plant-Specific Seven-Transmembrane Domain Proteins. <i>Plant Molecular Biology</i> , 2006, 60, 583-597.	3.9	91
44	Highly Efficient Isolation of Populus Mesophyll Protoplasts and Its Application in Transient Expression Assays. <i>PLoS ONE</i> , 2012, 7, e44908.	2.5	89
45	Comment on "A G Protein-Coupled Receptor Is a Plasma Membrane Receptor for the Plant Hormone Abscisic Acid". <i>Science</i> , 2007, 318, 914-914.	12.6	85
46	Multitrait genome-wide association analysis of <i>Populus trichocarpa</i> identifies key polymorphisms controlling morphological and physiological traits. <i>New Phytologist</i> , 2019, 223, 293-309.	7.3	85
47	Abscisic Acid Receptors: Past, Present and Future. <i>Journal of Integrative Plant Biology</i> , 2011, 53, 469-479.	8.5	82
48	Insights of biomass recalcitrance in natural <i>Populus trichocarpa</i> variants for biomass conversion. <i>Green Chemistry</i> , 2017, 19, 5467-5478.	9.0	82
49	Characterization of an activation-tagged mutant uncovers a role of <i>GLABRA2</i> in anthocyanin biosynthesis in Arabidopsis. <i>Plant Journal</i> , 2015, 83, 300-311.	5.7	81
50	Construct design for CRISPR/Cas-based genome editing in plants. <i>Trends in Plant Science</i> , 2021, 26, 1133-1152.	8.8	76
51	RACK1 genes regulate plant development with unequal genetic redundancy in Arabidopsis. <i>BMC Plant Biology</i> , 2008, 8, 108.	3.6	74
52	Genome-wide analysis of lectin receptor-like kinases in Populus. <i>BMC Genomics</i> , 2016, 17, 699.	2.8	72
53	Arabidopsis Transient Expression Analysis Reveals that Activation of <i>GLABRA2</i> May Require Concurrent Binding of <i>GLABRA1</i> and <i>GLABRA3</i> to the Promoter of <i>GLABRA2</i> . <i>Plant and Cell Physiology</i> , 2008, 49, 1792-1804.	3.1	68
54	Knockdown of a laccase in <i>Populus deltoides</i> confers altered cell wall chemistry and increased sugar release. <i>Plant Biotechnology Journal</i> , 2016, 14, 2010-2020.	8.3	64

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55	Association mapping, transcriptomics, and transient expression identify candidate genes mediating plant-pathogen interactions in a tree. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11573-11578.	7.1	61
56	Lectin Receptor-Like Kinases: The Sensor and Mediator at the Plant Cell Surface. <i>Frontiers in Plant Science</i> , 2020, 11, 596301.	3.6	61
57	NTL8 Regulates Trichome Formation in Arabidopsis by Directly Activating R3 MYB Genes <i>TRY</i> and <i>TCL1</i> . <i>Plant Physiology</i> , 2017, 174, 2363-2375.	4.8	56
58	A 5-Enolpyruvylshikimate 3-Phosphate Synthase Functions as a Transcriptional Repressor in <i>Populus</i> . <i>Plant Cell</i> , 2018, 30, 1645-1660.	6.6	56
59	The GCR2 Gene Family Is Not Required for ABA Control of Seed Germination and Early Seedling Development in Arabidopsis. <i>PLoS ONE</i> , 2008, 3, e2982.	2.5	55
60	Involvement of endogenous plant hormones in the effect of mixed nitrogen source on growth and tillering of wheat. <i>Journal of Plant Nutrition</i> , 1998, 21, 87-97.	1.9	54
61	The Sphagnome Project: enabling ecological and evolutionary insights through a genus-level sequencing project. <i>New Phytologist</i> , 2018, 217, 16-25.	7.3	54
62	Loss-of-Function Mutations in the Arabidopsis Heterotrimeric G-protein $\beta$ Subunit Enhance the Developmental Defects of Brassinosteroid Signaling and Biosynthesis Mutants. <i>Plant and Cell Physiology</i> , 2008, 49, 1013-1024.	3.1	53
63	Distinct relationships between GLABRA2 and single-repeat R3 MYB transcription factors in the regulation of trichome and root hair patterning in Arabidopsis. <i>New Phytologist</i> , 2010, 185, 387-400.	7.3	52
64	Phylogenetic Occurrence of the Phenylpropanoid Pathway and Lignin Biosynthesis in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 704697.	3.6	49
65	Dual Auxin Signaling Pathways Control Cell Elongation and Division. <i>Journal of Plant Growth Regulation</i> , 2001, 20, 255-264.	5.1	48
66	OsRACK1 Is Involved in Abscisic Acid- and H <sub>2</sub> O <sub>2</sub> -Mediated Signaling to Regulate Seed Germination in Rice ( <i>Oryza sativa</i> , L.). <i>PLoS ONE</i> , 2014, 9, e97120.	2.5	47
67	The Small Ethylene Response Factor ERF96 is Involved in the Regulation of the Abscisic Acid Response in Arabidopsis. <i>Frontiers in Plant Science</i> , 2015, 6, 1064.	3.6	45
68	Transcriptional Regulation of Drought Response in Arabidopsis and Woody Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 572137.	3.6	43
69	Mediation of plant-mycorrhizal interaction by a lectin receptor-like kinase. <i>Nature Plants</i> , 2019, 5, 676-680.	9.3	42
70	Fluctuation in levels of endogenous plant hormones in ovules of normal and mutant cotton during flowering and their relation to fiber development. <i>Journal of Plant Growth Regulation</i> , 1996, 15, 173-177.	5.1	41
71	Evidence for a Contribution of ALA Synthesis to Plastid-To-Nucleus Signaling. <i>Frontiers in Plant Science</i> , 2012, 3, 236.	3.6	41
72	Arabidopsis Receptor of Activated C Kinase1 Phosphorylation by WITH NO LYSINE8 KINASE. <i>Plant Physiology</i> , 2015, 167, 507-516.	4.8	38

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73	Heterotrimeric G-proteins in plant development. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 3321.	3.0	38
74	Involvement of PACLOBUTRAZOL RESISTANCE6/KIDARI, an Atypical bHLH Transcription Factor, in Auxin Responses in Arabidopsis. <i>Frontiers in Plant Science</i> , 2017, 8, 1813.	3.6	36
75	Levels of Cytokinins in the Ovules of Cotton Mutants with Altered Fiber Development. <i>Journal of Plant Growth Regulation</i> , 1997, 16, 181-185.	5.1	35
76	Negative Regulation of Systemic Acquired Resistance by Replication Factor C Subunit3 in Arabidopsis. <i>Plant Physiology</i> , 2009, 150, 2009-2017.	4.8	35
77	Transcriptional and Post-transcriptional Regulation of Lignin Biosynthesis Pathway Genes in Populus. <i>Frontiers in Plant Science</i> , 2020, 11, 652.	3.6	34
78	Prime Editing Technology and Its Prospects for Future Applications in Plant Biology Research. <i>BioDesign Research</i> , 2020, 2020, .	1.9	34
79	Ovate family protein1 interaction with BLH3 regulates transition timing from vegetative to reproductive phase in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 492-497.	2.1	31
80	The grapevine kinome: annotation, classification and expression patterns in developmental processes and stress responses. <i>Horticulture Research</i> , 2018, 5, 19.	6.3	30
81	Recent Advances in the Roles of HSFs and HSPs in Heat Stress Response in Woody Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 704905.	3.6	29
82	PdWND3A, a wood-associated NAC domain-containing protein, affects lignin biosynthesis and composition in Populus. <i>BMC Plant Biology</i> , 2019, 19, 486.	3.6	28
83	R2R3 MYB transcription factor PtrMYB192 regulates flowering time in Arabidopsis by activating FLOWERING LOCUS C. <i>Journal of Plant Biology</i> , 2013, 56, 243-250.	2.1	27
84	Defining the genetic components of callus formation: A GWAS approach. <i>PLoS ONE</i> , 2018, 13, e0202519.	2.5	27
85	Overexpression of a serine hydroxymethyltransferase increases biomass production and reduces recalcitrance in the bioenergy crop <i>Populus</i> . <i>Sustainable Energy and Fuels</i> , 2019, 3, 195-207.	4.9	27
86	Characterization of DWARF14 Genes in Populus. <i>Scientific Reports</i> , 2016, 6, 21593.	3.3	26
87	Overexpression of a Domain of Unknown Function 231-containing protein increases O-xylan acetylation and cellulose biosynthesis in Populus. <i>Biotechnology for Biofuels</i> , 2017, 10, 311.	6.2	26
88	Functional Genomics of Drought Tolerance in Bioenergy Crops. <i>Critical Reviews in Plant Sciences</i> , 2014, 33, 205-224.	5.7	25
89	Strigolactone-Regulated Proteins Revealed by iTRAQ-Based Quantitative Proteomics in <i>Arabidopsis</i> . <i>Journal of Proteome Research</i> , 2014, 13, 1359-1372.	3.7	24
90	Overexpression of an Agave Phosphoenolpyruvate Carboxylase Improves Plant Growth and Stress Tolerance. <i>Cells</i> , 2021, 10, 582.	4.1	24

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91	Dissection of the Relationship Between RACK1 and Heterotrimeric G-Proteins in Arabidopsis. <i>Plant and Cell Physiology</i> , 2009, 50, 1681-1694.	3.1	23
92	Characterization of MORE AXILLARY GROWTH Genes in Populus. <i>PLoS ONE</i> , 2014, 9, e102757.	2.5	23
93	Overexpression of a Domain of Unknown Function 266-containing protein results in high cellulose content, reduced recalcitrance, and enhanced plant growth in the bioenergy crop Populus. <i>Biotechnology for Biofuels</i> , 2017, 10, 74.	6.2	22
94	Agronomic performance of Populus deltoides trees engineered for biofuel production. <i>Biotechnology for Biofuels</i> , 2017, 10, 253.	6.2	22
95	Advances and perspectives in discovery and functional analysis of small secreted proteins in plants. <i>Horticulture Research</i> , 2021, 8, 130.	6.3	20
96	Expanding the application of a UV-visible reporter for transient gene expression and stable transformation in plants. <i>Horticulture Research</i> , 2021, 8, 234.	6.3	18
97	Phosphorylation of RACK1 in plants. <i>Plant Signaling and Behavior</i> , 2015, 10, e1022013.	2.4	17
98	Overexpression of a <i>Prefoldin Î²</i> subunit gene reduces biomass recalcitrance in the bioenergy crop <i>Populus</i> . <i>Plant Biotechnology Journal</i> , 2020, 18, 859-871.	8.3	17
99	Arabidopsis C-terminal binding protein ANGUSTIFOLIA modulates transcriptional co-regulation of <i>MYB46</i> and <i>WRKY33</i> . <i>New Phytologist</i> , 2020, 228, 1627-1639.	7.3	17
100	Arabidopsis scaffold protein RACK1A modulates rare sugar D-allose regulated gibberellin signaling. <i>Plant Signaling and Behavior</i> , 2012, 7, 1407-1410.	2.4	16
101	Biosystems Design to Accelerate C <sub>3</sub> -to-CAM Progression. <i>Biodesign Research</i> , 2020, 2020, .	1.9	16
102	Plant Biosystems Design Research Roadmap 1.0. <i>Biodesign Research</i> , 2020, 2020, .	1.9	16
103	GCR2 is a new member of the eukaryotic lanthionine synthetase component C-like protein family. <i>Plant Signaling and Behavior</i> , 2008, 3, 307-310.	2.4	15
104	Eukaryotic initiation factor 6, an evolutionarily conserved regulator of ribosome biogenesis and protein translation. <i>Plant Signaling and Behavior</i> , 2011, 6, 766-771.	2.4	14
105	Towards engineering ectomycorrhization into switchgrass bioenergy crops via a lectin receptor-like kinase. <i>Plant Biotechnology Journal</i> , 2021, 19, 2454-2468.	8.3	14
106	Crystallization and preliminary X-ray analysis of the auxin receptor ABP1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 1476-1478.	2.5	13
107	Finding New Cell Wall Regulatory Genes in Populus trichocarpa Using Multiple Lines of Evidence. <i>Frontiers in Plant Science</i> , 2019, 10, 1249.	3.6	13
108	Economic impact of yield and composition variation in bioenergy crops: <i>Populus trichocarpa</i> . <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 176-188.	3.7	13

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109	Fluctuation in levels of endogenous hormones after decapitation and 6-benzyl amino purine treatment in azalea, and their relationship to apical dominance. <i>Scientia Horticulturae</i> , 1997, 71, 49-58.	3.6	12
110	Sweet Sensor, Surprising Partners. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2007, 2007, pe7-pe7.	3.9	12
111	Simultaneous knockdown of six non-family genes using a single synthetic RNAi fragment in <i>Arabidopsis thaliana</i> . <i>Plant Methods</i> , 2016, 12, 16.	4.3	12
112	Gibberellin-responding and non-responding dwarf mutants in foxtail millet. <i>Plant Growth Regulation</i> , 1998, 26, 19-24.	3.4	11
113	Altered Expression of Auxin-binding Protein 1 Affects Cell Expansion and Auxin Pool Size in Tobacco Cells. <i>Journal of Plant Growth Regulation</i> , 2006, 25, 69-78.	5.1	11
114	Light-responsive expression atlas reveals the effects of light quality and intensity in <i>Kalanchoë fedtschenkoi</i> , a plant with crassulacean acid metabolism. <i>GigaScience</i> , 2020, 9, .	6.4	11
115	Heterotrimeric G-protein signaling in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2008, 3, 1042-1045.	2.4	9
116	Spatially and temporally restricted expression of PtrMYB021 regulates secondary cell wall formation in <i>Arabidopsis</i> . <i>Journal of Plant Biology</i> , 2016, 59, 16-23.	2.1	9
117	A Variable Polyglutamine Repeat Affects Subcellular Localization and Regulatory Activity of a <i>Populus</i> ANGUSTIFOLIA Protein. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2631-2641.	1.8	9
118	The Ancient Salicoid Genome Duplication Event: A Platform for Reconstruction of De Novo Gene Evolution in <i>Populus trichocarpa</i> . <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	9
119	Reconfiguring Plant Metabolism for Biodegradable Plastic Production. <i>Biodesign Research</i> , 2020, 2020, .	1.9	7
120	Plant-Based Biosensors for Detecting CRISPR-Mediated Genome Engineering. <i>ACS Synthetic Biology</i> , 2021, 10, 3600-3603.	3.8	7
121	Pores in Place. <i>Science</i> , 2009, 323, 592-593.	12.6	6
122	Metabolomic Patterns of Septoria Canker Resistant and Susceptible <i>Populus trichocarpa</i> Genotypes 24 Hours Postinoculation. <i>Phytopathology</i> , 2021, 111, 2052-2066.	2.2	6
123	Biological Parts for Plant Biodesign to Enhance Land-Based Carbon Dioxide Removal. <i>Biodesign Research</i> , 2021, 2021, .	1.9	5
124	Identification of functional single nucleotide polymorphism of <i>Populus trichocarpa</i> PtrEPSPâ€ŒTF and determination of its transcriptional effect. <i>Plant Direct</i> , 2020, 4, e00178.	1.9	4
125	Host plant genetic control of associated fungal and insect species in a <i>Populus</i> hybrid cross. <i>Ecology and Evolution</i> , 2020, 10, 5119-5134.	1.9	4
126	Heterotrimeric G-Proteins and Cell Division in Plants. <i>Signaling and Communication in Plants</i> , 2010, , 155-176.	0.7	2



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127	Involvement of Abscisic Acid in Mesocotyl Growth in Etiolated Seedlings of a Foxtail Millet Dwarf Mutant. <i>Journal of Plant Growth Regulation</i> , 1998, 17, 147-151.	5.1	1
128	Innovative Biological Solutions to Challenges in Sustainable Biofuels Production. , 0, , .		1
129	Identification, Expression, and Interaction Analysis of Ovate Family Proteins in <i>Populus trichocarpa</i> Reveals a Role of PtOFP1 Regulating Drought Stress Response. <i>Frontiers in Plant Science</i> , 2021, 12, 650109.	3.6	1
130	Dual Pathways for Auxin Regulation of Cell Division and Expansion. <i>Biotechnology in Agriculture and Forestry</i> , 2004, , 181-191.	0.2	1
131	Analysis of Cell Division and Cell Elongation in the Hypocotyls of <i>Arabidopsis</i> Heterotrimeric G Protein Mutants. <i>Methods in Molecular Biology</i> , 2013, 1043, 37-43.	0.9	1
132	Heterotrimeric G-Protein-Coupled Signaling in Higher Plants. , 0, , 30-63.		0
133	Cover Image, Volume 15, Issue 1. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, i.	3.7	0