

Nobutaka Mitsuda

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132
papers

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84
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147
ext. papers

9,710
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5.88
L-index

#	Paper	IF	Citations
132	NAC transcription factors, NST1 and NST3, are key regulators of the formation of secondary walls in woody tissues of Arabidopsis. <i>Plant Cell</i> , 2007 , 19, 270-80	11.6	576
131	The NAC transcription factors NST1 and NST2 of Arabidopsis regulate secondary wall thickenings and are required for anther dehiscence. <i>Plant Cell</i> , 2005 , 17, 2993-3006	11.6	514
130	TCP transcription factors regulate the activities of ASYMMETRIC LEAVES1 and miR164, as well as the auxin response, during differentiation of leaves in Arabidopsis. <i>Plant Cell</i> , 2010 , 22, 3574-88	11.6	266
129	The AP2/ERF transcription factor WIND1 controls cell dedifferentiation in Arabidopsis. <i>Current Biology</i> , 2011 , 21, 508-14	6.3	246
128	VASCULAR-RELATED NAC-DOMAIN7 directly regulates the expression of a broad range of genes for xylem vessel formation. <i>Plant Journal</i> , 2011 , 66, 579-90	6.9	245
127	VND-INTERACTING2, a NAC domain transcription factor, negatively regulates xylem vessel formation in Arabidopsis. <i>Plant Cell</i> , 2010 , 22, 1249-63	11.6	243
126	Arabidopsis WUSCHEL is a bifunctional transcription factor that acts as a repressor in stem cell regulation and as an activator in floral patterning. <i>Plant Cell</i> , 2009 , 21, 3493-505	11.6	213
125	A bHLH-type transcription factor, ABA-INDUCIBLE BHLH-TYPE TRANSCRIPTION FACTOR/JA-ASSOCIATED MYC2-LIKE1, acts as a repressor to negatively regulate jasmonate signaling in arabidopsis. <i>Plant Cell</i> , 2013 , 25, 1641-56	11.6	201
124	Functional analysis of transcription factors in Arabidopsis. <i>Plant and Cell Physiology</i> , 2009 , 50, 1232-48	4.9	200
123	Arabidopsis HsfB1 and HsfB2b act as repressors of the expression of heat-inducible Hsfs but positively regulate the acquired thermotolerance. <i>Plant Physiology</i> , 2011 , 157, 1243-54	6.6	196
122	Arabidopsis SBP-box genes SPL10, SPL11 and SPL2 control morphological change in association with shoot maturation in the reproductive phase. <i>Plant and Cell Physiology</i> , 2009 , 50, 2133-45	4.9	184
121	MIXTA-like transcription factors and WAX INDUCER1/SHINE1 coordinately regulate cuticle development in Arabidopsis and Torenia fournieri. <i>Plant Cell</i> , 2013 , 25, 1609-24	11.6	163
120	The Apostasia genome and the evolution of orchids. <i>Nature</i> , 2017 , 549, 379-383	50.4	157
119	DELLA protein functions as a transcriptional activator through the DNA binding of the indeterminate domain family proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7861-6	11.5	144
118	A NAC domain protein family contributing to the regulation of wood formation in poplar. <i>Plant Journal</i> , 2011 , 67, 499-512	6.9	144
117	NAC transcription factors NST1 and NST3 regulate pod shattering in a partially redundant manner by promoting secondary wall formation after the establishment of tissue identity. <i>Plant Journal</i> , 2008 , 56, 768-78	6.9	144
116	BRANCHED1 interacts with FLOWERING LOCUS T to repress the floral transition of the axillary meristems in Arabidopsis. <i>Plant Cell</i> , 2013 , 25, 1228-42	11.6	142

115	The <i>Dendrobium catenatum</i> Lindl. genome sequence provides insights into polysaccharide synthase, floral development and adaptive evolution. <i>Scientific Reports</i> , 2016 , 6, 19029	4.9	140
114	<i>Arabidopsis</i> growth-regulating factor7 functions as a transcriptional repressor of abscisic acid- and osmotic stress-responsive genes, including DREB2A. <i>Plant Cell</i> , 2012 , 24, 3393-405	11.6	124
113	Efficient production of male and female sterile plants by expression of a chimeric repressor in <i>Arabidopsis</i> and rice. <i>Plant Biotechnology Journal</i> , 2006 , 4, 325-32	11.6	120
112	Identification of the minimal repression domain of SUPERMAN shows that the DLELRL hexapeptide is both necessary and sufficient for repression of transcription in <i>Arabidopsis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 172-8	3.4	116
111	NAC family proteins NARS1/NAC2 and NARS2/NAM in the outer integument regulate embryogenesis in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2008 , 20, 2631-42	11.6	108
110	Spatially selective hormonal control of RAP2.6L and ANAC071 transcription factors involved in tissue reunion in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16128-32	11.5	106
109	A triantagonistic basic helix-loop-helix system regulates cell elongation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012 , 24, 4483-97	11.6	105
108	Ethylene-gibberellin signaling underlies adaptation of rice to periodic flooding. <i>Science</i> , 2018 , 361, 181-186	11.6	89
107	The YABBY gene TONGARI-BOUSHI1 is involved in lateral organ development and maintenance of meristem organization in the rice spikelet. <i>Plant Cell</i> , 2012 , 24, 80-95	11.6	87
106	The NAC transcription factor ANAC046 is a positive regulator of chlorophyll degradation and senescence in <i>Arabidopsis</i> leaves. <i>Scientific Reports</i> , 2016 , 6, 23609	4.9	85
105	A step towards understanding plant responses to multiple environmental stresses: a genome-wide study. <i>Plant, Cell and Environment</i> , 2014 , 37, 2024-35	8.4	82
104	Mutations in MYB3R1 and MYB3R4 cause pleiotropic developmental defects and preferential down-regulation of multiple G2/M-specific genes in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2011 , 157, 706-17	6.6	82
103	RICE SALT SENSITIVE3 forms a ternary complex with JAZ and class-C bHLH factors and regulates jasmonate-induced gene expression and root cell elongation. <i>Plant Cell</i> , 2013 , 25, 1709-25	11.6	81
102	Repression of Nitrogen Starvation Responses by Members of the <i>Arabidopsis</i> GARP-Type Transcription Factor NIGT1/HRS1 Subfamily. <i>Plant Cell</i> , 2018 , 30, 925-945	11.6	76
101	A regulatory cascade involving class II ETHYLENE RESPONSE FACTOR transcriptional repressors operates in the progression of leaf senescence. <i>Plant Physiology</i> , 2013 , 162, 991-1005	6.6	76
100	Vascular Cell Induction Culture System Using <i>Arabidopsis</i> Leaves (VISUAL) Reveals the Sequential Differentiation of Sieve Element-Like Cells. <i>Plant Cell</i> , 2016 , 28, 1250-62	11.6	76
99	Efficient yeast one-/two-hybrid screening using a library composed only of transcription factors in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2010 , 51, 2145-51	4.9	74
98	Advances in microbial lignin degradation and its applications. <i>Current Opinion in Biotechnology</i> , 2019 , 56, 179-186	11.4	69

97	Engineering the <i>Oryza sativa</i> cell wall with rice NAC transcription factors regulating secondary wall formation. <i>Frontiers in Plant Science</i> , 2013 , 4, 383	6.2	67
96	Novel type <i>Arabidopsis thaliana</i> H(+)-PPase is localized to the Golgi apparatus. <i>FEBS Letters</i> , 2001 , 488, 29-33	3.8	64
95	VOZ; isolation and characterization of novel vascular plant transcription factors with a one-zinc finger from <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2004 , 45, 845-54	4.9	63
94	PLANT U-BOX PROTEIN10 Regulates MYC2 Stability in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015 , 27, 2016-31	11.6	58
93	NGATHA1 transcription factor induces ABA biosynthesis by activating gene during dehydration stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11178-E11187	11.5	56
92	Vascular plant one-zinc-finger protein 1/2 transcription factors regulate abiotic and biotic stress responses in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2013 , 73, 761-75	6.9	53
91	Root angle modifications by the homolog improve rice yields in saline paddy fields. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 21242-21250	11.5	52
90	Novel vector systems to accelerate functional analysis of transcription factors using chimeric repressor gene-silencing technology (CRES-T). <i>Plant Biotechnology</i> , 2011 , 28, 201-210	1.3	51
89	CRES-T, an effective gene silencing system utilizing chimeric repressors. <i>Methods in Molecular Biology</i> , 2011 , 754, 87-105	1.4	47
88	OSNAC111, a blast disease-responsive transcription factor in rice, positively regulates the expression of defense-related genes. <i>Molecular Plant-Microbe Interactions</i> , 2014 , 27, 1027-34	3.6	42
87	Multi-petal cyclamen flowers produced by AGAMOUS chimeric repressor expression. <i>Scientific Reports</i> , 2013 , 3, 2641	4.9	41
86	Reconstitution of a secondary cell wall in a secondary cell wall-deficient <i>Arabidopsis</i> mutant. <i>Plant and Cell Physiology</i> , 2015 , 56, 299-310	4.9	37
85	Root avoidance of toxic metals requires the GeBP-LIKE 4 transcription factor in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2017 , 213, 1257-1273	9.8	36
84	<i>Arabidopsis</i> CAMTA family proteins enhance V-PPase expression in pollen. <i>Plant and Cell Physiology</i> , 2003 , 44, 975-81	4.9	36
83	Transcription Factor MYB26 Is Key to Spatial Specificity in Anther Secondary Thickening Formation. <i>Plant Physiology</i> , 2017 , 175, 333-350	6.6	35
82	The MIXTA-like transcription factor MYB16 is a major regulator of cuticle formation in vegetative organs. <i>Plant Signaling and Behavior</i> , 2013 , 8, e26826	2.5	34
81	Efficient production of novel floral traits in <i>torenia</i> by collective transformation with chimeric repressors of <i>Arabidopsis</i> transcription factors. <i>Plant Biotechnology</i> , 2011 , 28, 189-199	1.3	34
80	<i>Arabidopsis</i> NITROGEN LIMITATION ADAPTATION regulates ORE1 homeostasis during senescence induced by nitrogen deficiency. <i>Nature Plants</i> , 2018 , 4, 898-903	11.5	33

79	ABA Suppresses Root Hair Growth via the OBP4 Transcriptional Regulator. <i>Plant Physiology</i> , 2017 , 173, 1750-1762	6.6	32
78	ATBS1 INTERACTING FACTORS negatively regulate Arabidopsis cell elongation in the triantagonistic bHLH system. <i>Plant Signaling and Behavior</i> , 2013 , 8, e23448	2.5	32
77	Chimeric AGAMOUS repressor induces serrated petal phenotype in <i>Torenia fournieri</i> similar to that induced by cytokinin application. <i>Plant Biotechnology</i> , 2008 , 25, 45-53	1.3	30
76	Complete substitution of a secondary cell wall with a primary cell wall in Arabidopsis. <i>Nature Plants</i> , 2018 , 4, 777-783	11.5	30
75	Genome-wide identification and characterization of TCP genes involved in ovule development of <i>Phalaenopsis equestris</i> . <i>Journal of Experimental Botany</i> , 2016 , 67, 5051-66	7	29
74	The Basic Helix-Loop-Helix Transcription Factor GubHLH3 Positively Regulates Soyasaponin Biosynthetic Genes in <i>Glycyrrhiza uralensis</i> . <i>Plant and Cell Physiology</i> , 2018 , 59, 778-791	4.9	27
73	Pollen-specific regulation of vacuolar H ⁺ -PPase expression by multiple cis-acting elements. <i>Plant Molecular Biology</i> , 2001 , 46, 185-92	4.6	27
72	A petal-specific InMYB1 promoter from Japanese morning glory: a useful tool for molecular breeding of floricultural crops. <i>Plant Biotechnology Journal</i> , 2016 , 14, 354-63	11.6	26
71	Vacuolar H-Pyrophosphatase and Cytosolic Soluble Pyrophosphatases Cooperatively Regulate Pyrophosphate Levels in. <i>Plant Cell</i> , 2018 , 30, 1040-1061	11.6	26
70	Buckwheat R2R3 MYB transcription factor FeMYBF1 regulates flavonol biosynthesis. <i>Plant Science</i> , 2018 , 274, 466-475	5.3	26
69	Wood reinforcement of poplar by rice NAC transcription factor. <i>Scientific Reports</i> , 2016 , 6, 19925	4.9	26
68	Creating ruffled flower petals in <i>Cyclamen persicum</i> by expression of the chimeric cyclamen TCP repressor. <i>Plant Biotechnology</i> , 2011 , 28, 141-147	1.3	25
67	Utilization of a floral organ-expressing AP1 promoter for generation of new floral traits in <i>Torenia fournieri</i> Lind. <i>Plant Biotechnology</i> , 2011 , 28, 181-188	1.3	23
66	The new FioreDB database provides comprehensive information on plant transcription factors and phenotypes induced by CRES-T in ornamental and model plants. <i>Plant Biotechnology</i> , 2011 , 28, 123-130	1.3	23
65	FioreDB: a database of phenotypic information induced by the chimeric repressor silencing technology (CRES-T) in Arabidopsis and floricultural plants. <i>Plant Biotechnology</i> , 2008 , 25, 37-43	1.3	23
64	Transcriptome Analysis and Identification of a Transcriptional Regulatory Network in the Response to HO. <i>Plant Physiology</i> , 2019 , 180, 1629-1646	6.6	22
63	Generation of expressed sequence tags for discovery of genes responsible for floral traits of <i>Chrysanthemum morifolium</i> by next-generation sequencing technology. <i>BMC Genomics</i> , 2017 , 18, 683	4.5	22
62	An MYB transcription factor regulating specialized metabolisms in <i>Ophiorrhiza pumila</i> . <i>Plant Biotechnology</i> , 2016 , 33, 1-9	1.3	20

61	Populus NST/SND orthologs are key regulators of secondary cell wall formation in wood fibers, phloem fibers and xylem ray parenchyma cells. <i>Tree Physiology</i> , 2019 , 39, 514-525	4.2	20
60	GOLDEN 2-LIKE transcription factors for chloroplast development affect ozone tolerance through the regulation of stomatal movement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 4218-23	11.5	19
59	An Arabidopsis NAC domain transcription factor, ATAF2, promotes age-dependent and dark-induced leaf senescence. <i>Physiologia Plantarum</i> , 2020 , 170, 299-308	4.6	18
58	Arabidopsis WIND1 induces callus formation in rapeseed, tomato, and tobacco. <i>Plant Signaling and Behavior</i> , 2013 , 8, e27432	2.5	18
57	A chimeric NST repressor has the potential to improve glucose productivity from plant cell walls. <i>Journal of Biotechnology</i> , 2009 , 142, 279-84	3.7	18
56	Morphological changes of Rosa hybrid by a chimeric repressor of Arabidopsis TCP3. <i>Plant Biotechnology</i> , 2011 , 28, 149-152	1.3	17
55	Induction of double flowers in Pharbitis nil using a class-C MADS-box transcription factor with Chimeric REpressor gene-Silencing Technology. <i>Plant Biotechnology</i> , 2011 , 28, 153-165	1.3	17
54	Identification of Chimeric Repressors that Confer Salt and Osmotic Stress Tolerance in Arabidopsis. <i>Plants</i> , 2013 , 2, 769-85	4.5	13
53	Essential roles of autophagy in metabolic regulation in endosperm development during rice seed maturation. <i>Scientific Reports</i> , 2019 , 9, 18544	4.9	13
52	Change in lignin structure, but not in lignin content, in transgenic poplar overexpressing the rice master regulator of secondary cell wall biosynthesis. <i>Physiologia Plantarum</i> , 2018 , 163, 170-182	4.6	12
51	High-Throughput Analysis of Arabidopsis Stem Vibrations to Identify Mutants With Altered Mechanical Properties. <i>Frontiers in Plant Science</i> , 2018 , 9, 780	6.2	11
50	WIND1 induces dynamic metabolomic reprogramming during regeneration in Brassica napus. <i>Developmental Biology</i> , 2018 , 442, 40-52	3.1	11
49	Novel gene encoding a unique luciferase from the fireworm Odontosyllis undecimdonata. <i>Scientific Reports</i> , 2018 , 8, 12789	4.9	11
48	Development of a new high-throughput method to determine the composition of ten monosaccharides including 4-O-methyl glucuronic acid from plant cell walls using ultra-performance liquid chromatography. <i>Plant Biotechnology</i> , 2015 , 32, 55-63	1.3	11
47	The functional balance between the gene and the phytohormone auxin is a key factor for cell proliferation in Arabidopsis seedlings. <i>Plant Biotechnology</i> , 2018 , 35, 141-154	1.3	11
46	Efficient production of glycosylated Cypridina luciferase using plant cells. <i>Protein Expression and Purification</i> , 2017 , 133, 102-109	2	10
45	Improvement of cell wall digestibility in tall fescue by Oryza sativa SECONDARY WALL NAC DOMAIN PROTEIN2 chimeric repressor. <i>Molecular Breeding</i> , 2018 , 38, 1	3.4	10
44	Male-sterile and cleistogamous phenotypes in tall fescue induced by chimeric repressors of SUPERWOMAN1 and OsMADS58. <i>Plant Science</i> , 2012 , 183, 183-9	5.3	9

43	The class II KNOX transcription factors KNAT3 and KNAT7 synergistically regulate monoglucosyl biosynthesis in Arabidopsis. <i>Journal of Experimental Botany</i> , 2020 , 71, 5469-5483	7	8
42	Blue Light Regulates Phosphate Deficiency-Dependent Primary Root Growth Inhibition in Arabidopsis. <i>Frontiers in Plant Science</i> , 2019 , 10, 1803	6.2	8
41	Chimeric repressor analysis identifies MYB87 as a possible regulator of morphogenesis via cell wall organization and remodeling in Arabidopsis. <i>Biotechnology Letters</i> , 2014 , 36, 1049-57	3	8
40	ANAC075, a putative regulator of VASCULAR-RELATED NAC-DOMAIN7, is a repressor of flowering. <i>Plant Biotechnology</i> , 2016 , 33, 255-265	1.3	8
39	A Dual Repeat -Element Determines Expression of for Monoterpene Production in Orchids. <i>Frontiers in Plant Science</i> , 2018 , 9, 765	6.2	7
38	VP16 fusion efficiently reveals the function of transcriptional repressors in Arabidopsis. <i>Plant Biotechnology</i> , 2014 , 31, 123-132	1.3	7
37	Morphological changes in Ipomoea nil using chimeric repressors of Arabidopsis TCP3 and TCP5. <i>Plant Biotechnology</i> , 2012 , 29, 457-463	1.3	7
36	Transcriptional profiling reveals signatures of latent developmental potential in stomatal lineage ground cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	7
35	Two types of bHLH transcription factor determine the competence of the pericycle for lateral root initiation. <i>Nature Plants</i> , 2021 , 7, 633-643	11.5	7
34	An NAC domain transcription factor ATAF2 acts as transcriptional activator or repressor dependent on promoter context. <i>Plant Biotechnology</i> , 2018 , 35, 285-289	1.3	7
33	OsWRKY24, a blast-disease responsive transcription factor, positively regulates rice disease resistance. <i>Journal of General Plant Pathology</i> , 2018 , 84, 85-91	1	6
32	Sugar-responsive transcription factor bZIP3 affects leaf shape in Arabidopsis plants. <i>Plant Biotechnology</i> , 2018 , 35, 167-170	1.3	6
31	Involvement of STH7 in light-adapted development in Arabidopsis thaliana promoted by both strigolactone and karrikin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017 , 81, 292-301	2.1	6
30	The chimeric repressor for the GATA4 transcription factor improves tolerance to nitrogen deficiency in. <i>Plant Biotechnology</i> , 2017 , 34, 151-158	1.3	6
29	Low nitrogen conditions accelerate flowering by modulating the phosphorylation state of FLOWERING BHLH 4 in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
28	Involvement of elevated proline accumulation in enhanced osmotic stress tolerance in Arabidopsis conferred by chimeric repressor gene silencing technology. <i>Plant Signaling and Behavior</i> , 2014 , 9, e2821	2.5	5
27	WUSCHEL-RELATED HOMEODOMAIN 2 is a transcriptional repressor involved in lateral organ formation and separation in. <i>Plant Biotechnology</i> , 2016 , 33, 245-253	1.3	5
26	WIND transcription factors orchestrate wound-induced callus formation, vascular reconnection and defense response in Arabidopsis. <i>New Phytologist</i> , 2021 , 232, 734-752	9.8	5

25	A Century-Old Mystery Unveiled: Sekizaisou is a Natural Lignin Mutant. <i>Plant Physiology</i> , 2020 , 182, 1821-1828	4	4
24	The Petal-Specific InMYB1 Promoter Functions by Recognizing Petaloid Cells. <i>Plant and Cell Physiology</i> , 2016 , 57, 580-7	4.9	4
23	Efficient transient gene expression system using buckwheat hypocotyl protoplasts for large-scale experiments. <i>Breeding Science</i> , 2020 , 70, 128-134	2	4
22	Wound-inducible WUSCHEL RELATED HOMEODOMAIN 13 is required for callus growth and organ reconnection. <i>Plant Physiology</i> , 2021 ,	6.6	4
21	The ancestral duplicated DL/CRC orthologs, PeDL1 and PeDL2, function in orchid reproductive organ innovation. <i>Journal of Experimental Botany</i> , 2021 , 72, 5442-5461	7	4
20	Enhanced cuticle accumulation by employing MIXTA-like transcription factors. <i>Plant Biotechnology</i> , 2016 , 33, 161-168	1.3	4
19	The Arabidopsis NST3/SND1 promoter is active in secondary woody tissue in poplar. <i>Journal of Wood Science</i> , 2017 , 63, 396-400	2.4	3
18	The ERF transcription factor EPI1 is a negative regulator of dark-induced and jasmonate-stimulated senescence in. <i>Plant Biotechnology</i> , 2016 , 33, 235-243	1.3	3
17	Identification of enzymatic genes with the potential to reduce biomass recalcitrance through lignin manipulation in. <i>Biotechnology for Biofuels</i> , 2020 , 13, 97	7.8	3
16	Vascular-related NAC-domain 7 directly regulates a broad range of genes for xylem vessel differentiation. <i>BMC Proceedings</i> , 2011 , 5,	2.3	3
15	Wolfberry genomes and the evolution of Lycium (Solanaceae). <i>Communications Biology</i> , 2021 , 4, 671	6.7	3
14	Heterologous Expression of Chimeric Repressor of Arabidopsis ANAC046 Delays Chlorophyll Degradation in Petunia Flowers. <i>Plant Molecular Biology Reporter</i> , 2017 , 35, 611-618	1.7	2
13	Improving the Efficiency of Adventitious Shoot Induction and Somatic Embryogenesis via Modification of WUSCHEL and LEAFY COTYLEDON 1. <i>Plants</i> , 2020 , 9,	4.5	2
12	The CIB1 transcription factor regulates light- and heat-inducible cell elongation via a two-step HLH/bHLH system. <i>Journal of Experimental Botany</i> , 2021 , 72, 1795-1808	7	2
11	Blue Light Negatively Regulates Tolerance to Phosphate Deficiency in Arabidopsis		1
10	Fiber Cell-Specific Expression of the VP16-Fused Ethylene Response Factor 41 Protein Increases Biomass Yield and Alters Lignin Composition. <i>Frontiers in Plant Science</i> , 2021 , 12, 654655	6.2	1
9	FIBexDB: a new online transcriptome platform to analyze development of plant cellulosic fibers. <i>New Phytologist</i> , 2021 , 231, 512-515	9.8	1
8	Golgi-localized membrane protein AtTMN1/EMP12 functions in the deposition of rhamnogalacturonan II and I for cell growth in Arabidopsis. <i>Journal of Experimental Botany</i> , 2021 , 72, 3611-3629	7	1

7	Prior secondary cell wall formation is required for gelatinous layer deposition and posture control in gravi-stimulated aspen. <i>Plant Journal</i> , 2021 , 108, 725-736	6.9	1
6	Dissecting promoter of gene showing petal-specific expression. <i>Plant Biotechnology</i> , 2018 , 35, 243-248	1.3	0
5	Host-Dependent Producibility of Recombinant Luciferase With Glycosylation Defects.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 774786	5.8	0
4	Thermomemory in shoot apical meristem: Regulation of carbohydrate metabolism and stem cell identity. <i>Molecular Plant</i> , 2021 , 14, 1427-1429	14.4	0
3	Ectopic expression of AtNF-YA6-VP16 in petals results in a novel petal phenotype in <i>Torenia fournieri</i> .. <i>Planta</i> , 2022 , 255, 105	4.7	0
2	Tensile Testing Assay for the Measurement of Tissue Stiffness in Inflorescence Stem. <i>Bio-protocol</i> , 2019 , 9, e3327	0.9	
1	Enhancing Primary Raw Materials for Biofuels457-489		