Masaru Ohme-Takagi

List of Publications by Year
in descending order

36 papers	3,450 citations	331670 21 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	4178 citing authors

#	Article	IF	Citations
1	Cellular dynamics of double fertilization and early embryogenesis in flowering plants. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 642-651.	1.3	11
2	Low nitrogen conditions accelerate flowering by modulating the phosphorylation state of FLOWERING BHLH 4 in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	47
3	Mutation of the imprinted gene<i>OsEMF2a</i>induces autonomous endosperm development and delayed cellularization in rice. Plant Cell, 2021, 33, 85-103.	6.6	23
4	The CIB1 transcription factor regulates light- and heat-inducible cell elongation via a two-step HLH/bHLH system. Journal of Experimental Botany, 2021, 72, 1795-1808.	4.8	9
5	Improving the Efficiency of Adventitious Shoot Induction and Somatic Embryogenesis via Modification of WUSCHEL and LEAFY COTYLEDON 1. Plants, 2020, 9, 1434.	3.5	6
6	Identification of TCP13 as an Upstream Regulator of ATHB12 during Leaf Development. Genes, 2019, 10, 644.	2.4	21
7	Blue Light Regulates Phosphate Deficiency-Dependent Primary Root Growth Inhibition in Arabidopsis. Frontiers in Plant Science, 2019, 10, 1803.	3.6	12
8	Improvement of cell wall digestibility in tall fescue by Oryza sativa SECONDARY WALL NAC DOMAIN PROTEIN2 chimeric repressor. Molecular Breeding, 2018, 38, 1.	2.1	10
9	Repression of Nitrogen Starvation Responses by Members of the Arabidopsis GARP-Type Transcription Factor NIGT1/HRS1 Subfamily. Plant Cell, 2018, 30, 925-945.	6.6	143
10	Clade Ib basic helix-loop-helix transcription factor, bHLH101, acts as a regulatory component in photo-oxidative stress responses. Plant Science, 2018, 274, 101-108.	3.6	9
11	A Dual Repeat Cis-Element Determines Expression of GERANYL DIPHOSPHATE SYNTHASE for Monoterpene Production in Phalaenopsis Orchids. Frontiers in Plant Science, 2018, 9, 765.	3.6	13
12	Sugar-responsive transcription factor bZIP3 affects leaf shape in Arabidopsis plants. Plant Biotechnology, 2018, 35, 167-170.	1.0	15
13	Roles of miR319 and TCP Transcription Factors in Leaf Development. Plant Physiology, 2017, 175, 874-885.	4.8	175
14	The chimeric repressor for the GATA4 transcription factor improves tolerance to nitrogen deficiency in <i>Arabidopsis</i>. Plant Biotechnology, 2017, 34, 151-158.	1.0	9
15	TCP4-dependent induction of CONSTANS transcription requires GIGANTEA in photoperiodic flowering in Arabidopsis. PLoS Genetics, 2017, 13, e1006856.	3.5	80
16	An MYB transcription factor regulating specialized metabolisms in <i>Ophiorrhiza pumila</i>. Plant Biotechnology, 2016, 33, 1-9.	1.0	35
17	Vascular Cell Induction Culture System Using Arabidopsis Leaves (VISUAL) Reveals the Sequential Differentiation of Sieve Element-Like Cells. Plant Cell, 2016, 28, 1250-1262.	6.6	123
18	Genome-wide identification and characterization of<i>TCP</i>genes involved in ovule development of<i>Phalaenopsis equestris</i>. Journal of Experimental Botany, 2016, 67, 5051-5066.	4.8	55

#	Article	IF	Citations
19	The Dendrobium catenatum Lindl. genome sequence provides insights into polysaccharide synthase, floral development and adaptive evolution. Scientific Reports, 2016, 6, 19029.	3.3	255
20	GOLDEN 2-LIKE transcription factors for chloroplast development affect ozone tolerance through the regulation of stomatal movement. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4218-4223.	7.1	40
21	Transcription factors involved in acid stress responses in plants. Nucleus (India), 2015, 58, 191-197.	2.2	9
22	TCPs, WUSs, and WINDs: families of transcription factors that regulate shoot meristem formation, stem cell maintenance, and somatic cell differentiation. Frontiers in Plant Science, 2014, 5, 427.	3.6	21
23	ATBS1 INTERACTING FACTORs negatively regulate<i>Arabidopsis</i>cell elongation in the triantagonistic bHLH system. Plant Signaling and Behavior, 2013, 8, e23448.	2.4	43
24	A Triantagonistic Basic Helix-Loop-Helix System Regulates Cell Elongation in <i>Arabidopsis</i>. Plant Cell, 2012, 24, 4483-4497.	6.6	149
25	Morphological changes in Ipomoea nil using chimeric repressors of Arabidopsis TCP3 and TCP5. Plant Biotechnology, 2012, 29, 457-463.	1.0	8
26	Morphological changes of RosaÃ—hybrida by a chimeric repressor of Arabidopsis TCP3. Plant Biotechnology, 2011, 28, 149-152.	1.0	18
27	Arabidopsis chimeric TCP3 repressor produces novel floral traits in Torenia fournieri and Chrysanthemum morifolium. Plant Biotechnology, 2011, 28, 131-140.	1.0	44
28	Creating ruffled flower petals in Cyclamen persicum by expression of the chimeric cyclamen TCP repressor. Plant Biotechnology, 2011, 28, 141-147.	1.0	31
29	Generation of serrated and wavy petals by inhibition of the activity of TCP transcription factors inArabidopsis thaliana. Plant Signaling and Behavior, 2011, 6, 697-699.	2.4	35
30	Efficient Yeast One-/Two-Hybrid Screening Using a Library Composed Only of Transcription Factors in Arabidopsis thaliana. Plant and Cell Physiology, 2010, 51, 2145-2151.	3.1	104
31	TCP Transcription Factors Regulate the Activities of ASYMMETRIC LEAVES1 and miR164, as Well as the Auxin Response, during Differentiation of Leaves in<i>Arabidopsis</i>Â Â. Plant Cell, 2010, 22, 3574-3588.	6.6	335
32	TCP Transcription Factors Control the Morphology of Shoot Lateral Organs via Negative Regulation of the Expression of Boundary-Specific Genes in Arabidopsis. Plant Cell, 2007, 19, 473-484.	6.6	369
33	Efficient production of male and female sterile plants by expression of a chimeric repressor in Arabidopsis and rice. Plant Biotechnology Journal, 2006, 4, 325-332.	8.3	139
34	Identification of the minimal repression domain of SUPERMAN shows that the DLELRL hexapeptide is both necessary and sufficient for repression of transcription in Arabidopsis. Biochemical and Biophysical Research Communications, 2004, 321, 172-178.	2.1	129
35	Dominant repression of target genes by chimeric repressors that include the EAR motif, a repression domain, in Arabidopsis. Plant Journal, 2003, 34, 733-739.	5.7	724
36	The SUPERMAN protein is an active repressor whose carboxy-terminal repression domain is required for the development of normal flowers. FEBS Letters, 2002, 514, 351-354.	2.8	201