Tomotsugu Koyama

List of Publications by Year
in descending order

29 papers	3,406 citations	304743 22 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	4538 citing authors

#	Article	IF	Citations
1	Practical optimization of liquid chromatography/mass spectrometry conditions and pretreatment methods toward the sensitive quantification of auxin in plants. Rapid Communications in Mass Spectrometry, 2020, 34, e8625.	1.5	4
2	Identification of a binding protein for sesamin and characterization of its roles in plant growth. Scientific Reports, 2019, 9, 8631.	3.3	11
3	A hidden link between leaf development and senescence. Plant Science, 2018, 276, 105-110.	3.6	36
4	Roles of miR319 and TCP Transcription Factors in Leaf Development. Plant Physiology, 2017, 175, 874-885.	4.8	175
5	TCP4-dependent induction of CONSTANS transcription requires GIGANTEA in photoperiodic flowering in Arabidopsis. PLoS Genetics, 2017, 13, e1006856.	3.5	80
6	Generation of Triple-Transgenic Forsythia Cell Cultures as a Platform for the Efficient, Stable, and Sustainable Production of Lignans. PLoS ONE, 2015, 10, e0144519.	2.5	20
7	Essences in Metabolic Engineering of Lignan Biosynthesis. Metabolites, 2015, 5, 270-290.	2.9	84
8	Ethylene is all around. Frontiers in Plant Science, 2015, 6, 76.	3.6	6
9	The roles of ethylene and transcription factors in the regulation of onset of leaf senescence. Frontiers in Plant Science, 2014, 5, 650.	3.6	115
10	A Regulatory Cascade Involving Class II ETHYLENE RESPONSE FACTOR Transcriptional Repressors Operates in the Progression of Leaf Senescence Â Â Â. Plant Physiology, 2013, 162, 991-1005.	4.8	103
11	MIXTA-Like Transcription Factors and WAX INDUCER1/SHINE1 Coordinately Regulate Cuticle Development in<i>Arabidopsis</i>and<i>Torenia fournieri</i>Â Â. Plant Cell, 2013, 25, 1609-1624.	6.6	247
12	CRES-T for the Functional Analysis of Transcription Factors and Modification of Morphological Traits in Plants. Current Biotechnology, 2012, 1, 23-32.	0.4	3
13	The new FioreDB database provides comprehensive information on plant transcription factors and phenotypes induced by CRES-T in ornamental and model plants. Plant Biotechnology, 2011, 28, 123-130.	1.0	26
14	Morphological changes of RosaÃ—hybrida by a chimeric repressor of Arabidopsis TCP3. Plant Biotechnology, 2011, 28, 149-152.	1.0	18
15	Arabidopsis chimeric TCP3 repressor produces novel floral traits in Torenia fournieri and Chrysanthemum morifolium. Plant Biotechnology, 2011, 28, 131-140.	1.0	44
16	Creating ruffled flower petals in Cyclamen persicum by expression of the chimeric cyclamen TCP repressor. Plant Biotechnology, 2011, 28, 141-147.	1.0	31
17	The AP2/ERF Transcription Factor WIND1 Controls Cell Dedifferentiation in Arabidopsis. Current Biology, 2011, 21, 508-514.	3.9	369
18	Isoquinoline Alkaloid Biosynthesis is Regulated by a Unique bHLH-Type Transcription Factor in Coptis japonica. Plant and Cell Physiology, 2011, 52, 1131-1141.	3.1	74

#	Article	IF	Citations
19	Basic helix-loop-helix transcription factors and regulation of alkaloid biosynthesis. Plant Signaling and Behavior, 2011, 6, 1627-1630.	2.4	24
20	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
21	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
22	A Role of TCP1 in the Longitudinal Elongation of Leaves in Arabidopsis. Bioscience, Biotechnology and Biochemistry, 2010, 74, 2145-2147.	1.3	58
23	Arabidopsis SBP-Box Genes SPL10, SPL11 and SPL2 Control Morphological Change in Association with Shoot Maturation in the Reproductive Phase. Plant and Cell Physiology, 2009, 50, 2133-2145.	3.1	248
24	FioreDB: a database of phenotypic information induced by the chimeric repressor silencing technology (CRES-T) in Arabidopsis and floricultural plants. Plant Biotechnology, 2008, 25, 37-43.	1.0	24
25	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
26	Functional Analysis of Arabidopsis Ethylene-Responsive Element Binding Protein Conferring Resistance to Bax and Abiotic Stress-Induced Plant Cell Death. Plant Physiology, 2005, 138, 1436-1445.	4.8	80
27	A Chimeric AtMYB23 Repressor Induces Hairy Roots, Elongation of Leaves and Stems, and Inhibition of the Deposition of Mucilage on Seed Coats in Arabidopsis. Plant and Cell Physiology, 2005, 46, 147-155.	3.1	50
28	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
29	Constitutive expression of the neutral PR-5 (OLP, PR-5d) gene in roots and cultured cells of tobacco is mediated by ethylene-responsive cis -element AGCCGCC sequences. Plant Cell Reports, 1998, 18, 173-179.	5.6	13