Jeongsik Kim

List of Publications by Year in descending order

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Version: 2024-02-01

34 papers	3,181 citations	279798 23 h-index	395702 33 g-index
35 all docs	35 docs citations	35 times ranked	4372 citing authors

#	Article	IF	Citations
1	Transient gene expression system in zoysiagrass leaf mesophyll protoplasts. Plant Biotechnology Reports, 2022, 16, 113-121.	1.5	2
2	Rapid Investigation of Functional Roles of Genes in Regulation of Leaf Senescence Using Arabidopsis Protoplasts. Frontiers in Plant Science, 2022, 13, 818239.	3.6	2
3	Ethylene responsive factor34 mediates stressâ€induced leaf senescence by regulating salt stressâ€responsive genes. Plant, Cell and Environment, 2022, 45, 1719-1733.	5.7	12
4	New Genotypes and Diversity of Orientia tsutsugamushi DNA samples from Patients with Scrub Typhus in South Korea as Determined by Multilocus Sequence Typing. American Journal of Tropical Medicine and Hygiene, 2022, , .	1.4	0
5	A novel basic helix-loop-helix transcription factor, ZjICE2 from Zoysia japonica confers abiotic stress tolerance to transgenic plants via activating the DREB/CBF regulon and enhancing ROS scavenging. Plant Molecular Biology, 2020, 102, 447-462.	3.9	19
6	ATM suppresses leaf senescence triggered by DNA doubleâ€strand break through epigenetic control of senescenceâ€associated genes in Arabidopsis. New Phytologist, 2020, 227, 473-484.	7.3	28
7	Sugar metabolism as input signals and fuel for leaf senescence. Genes and Genomics, 2019, 41, 737-746.	1.4	29
8	Natural allelic variation of <scp>GVS</scp>1 confers diversity in the regulation of leaf senescence in Arabidopsis. New Phytologist, 2019, 221, 2320-2334.	7.3	23
9	Comparative transcriptome analysis in Arabidopsis ein2/ore3 and ahk3/ore12 mutants during dark-induced leaf senescence. Journal of Experimental Botany, 2018, 69, 3023-3036.	4.8	31
10	A missense allele of KARRIKIN-INSENSITIVE2 impairs ligand-binding and downstream signaling in Arabidopsis thaliana. Journal of Experimental Botany, 2018, 69, 3609-3623.	4.8	26
11	New insights into the regulation of leaf senescence in Arabidopsis. Journal of Experimental Botany, 2018, 69, 787-799.	4.8	141
12	Time-evolving genetic networks reveal a NAC troika that negatively regulates leaf senescence in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4930-E4939.	7.1	106
13	ORESARA15, a PLATZ transcription factor, mediates leaf growth and senescence in Arabidopsis. New Phytologist, 2018, 220, 609-623.	7.3	55
14	Brassinosteroid Biosynthesis Is Modulated via a Transcription Factor Cascade of COG1, PIF4, and PIF5. Plant Physiology, 2017, 174, 1260-1273.	4.8	55
15	GIGANTEA is a co-chaperone which facilitates maturation of ZEITLUPE in the Arabidopsis circadian clock. Nature Communications, 2017, 8, 3.	12.8	111
16	An HSP90 co-chaperone controls circadian proteostasis. Cell Cycle, 2017, 16, 1483-1484.	2.6	3
17	Arabidopsis ABCG34 contributes to defense against necrotrophic pathogens by mediating the secretion of camalexin. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5712-E5720.	7.1	71
18	High-Throughput and Computational Study of Leaf Senescence through a Phenomic Approach. Frontiers in Plant Science, 2017, 8, 250.	3.6	15

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19	TowardÂSystems Understanding of Leaf Senescence: An Integrated Multi-Omics Perspective on Leaf Senescence Research. Molecular Plant, 2016, 9, 813-825.	8.3	153
20	<scp>NORE1</scp>/<scp>SAUL1</scp> integrates temperatureâ€dependent defense programs involving <scp>SGT1b</scp> and <scp>PAD4</scp> pathways and leaf senescence in Arabidopsis. Physiologia Plantarum, 2016, 158, 180-199.	5.2	19
21	Programming of Plant Leaf Senescence with Temporal and Inter-Organellar Coordination of Transcriptome in Arabidopsis1 Â. Plant Physiology, 2016, 171, 452-467.	4.8	121
22	Arabidopsis VIM Proteins Regulate Epigenetic Silencing by Modulating DNA Methylation and Histone Modification in Cooperation with MET1. Molecular Plant, 2014, 7, 1470-1485.	8.3	56
23	ELF4 Regulates GIGANTEA Chromatin Access through Subnuclear Sequestration. Cell Reports, 2013, 3, 671-677.	6.4	80
24	Transcriptional corepressor TOPLESS complexes with pseudoresponse regulator proteins and histone deacetylases to regulate circadian transcription. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 761-766.	7.1	232
25	The F-box protein ZEITLUPE controls stability and nucleocytoplasmic partitioning of GIGANTEA. Development (Cambridge), 2013, 140, 4060-4069.	2.5	74
26	HSP90 functions in the circadian clock through stabilization of the client F-box protein ZEITLUPE. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16843-16848.	7.1	79
27	Rapid Assessment of Gene Function in the Circadian Clock Using Artificial MicroRNA in Arabidopsis Mesophyll Protoplasts Â Â. Plant Physiology, 2010, 154, 611-621.	4.8	91
28	The RAV1 transcription factor positively regulates leaf senescence in Arabidopsis. Journal of Experimental Botany, 2010, 61, 3947-3957.	4.8	152
29	Instrumentation and Software for Analysis of Arabidopsis Circadian Leaf Movement. Interdisciplinary Bio Central, 2009, 1, 22-25.	0.1	3
30	Trifurcate Feed-Forward Regulation of Age-Dependent Cell Death Involving miR164 in Arabidopsis. Science, 2009, 323, 1053-1057.	12.6	652
31	FIONA1 Is Essential for Regulating Period Length in theArabidopsisCircadian Clock. Plant Cell, 2008, 20, 307-319.	6.6	73
32	A GUS/Luciferase Fusion Reporter for Plant Gene Trapping and for Assay of Promoter Activity with Luciferin-Dependent Control of the Reporter Protein Stability. Plant and Cell Physiology, 2007, 48, 1121-1131.	3.1	44
33	ZEITLUPE is a circadian photoreceptor stabilized by GIGANTEA in blue light. Nature, 2007, 449, 356-360.	27.8	510
34	The Arabidopsis COG1 gene encodes a Dof domain transcription factor and negatively regulates phytochrome signaling. Plant Journal, 2003, 34, 161-171.	5.7	113