

Jong-Myong Kim

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,850
citations

331670

21
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

4975
citing authors

#	ARTICLE	IF	CITATIONS
1	Derepression of ethylene-stabilized transcription factors (EIN3/EIL1) mediates jasmonate and ethylene signaling synergy in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12539-12544.	7.1	622
2	<i>Arabidopsis</i> Transcriptome Analysis under Drought, Cold, High-Salinity and ABA Treatment Conditions using a Tiling Array. <i>Plant and Cell Physiology</i> , 2008, 49, 1135-1149.	3.1	475
3	<i>Arabidopsis</i> HsfA1 transcription factors function as the main positive regulators in heat shock-responsive gene expression. <i>Molecular Genetics and Genomics</i> , 2011, 286, 321-332.	2.1	377
4	Chromatin changes in response to drought, salinity, heat, and cold stresses in plants. <i>Frontiers in Plant Science</i> , 2015, 6, 114.	3.6	367
5	Alterations of Lysine Modifications on the Histone H3 N-Tail under Drought Stress Conditions in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2008, 49, 1580-1588.	3.1	308
6	Acetate-mediated novel survival strategy against drought in plants. <i>Nature Plants</i> , 2017, 3, 17097.	9.3	232
7	Transition of Chromatin Status During the Process of Recovery from Drought Stress in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2012, 53, 847-856.	3.1	208
8	Chromatin regulation functions in plant abiotic stress responses. <i>Plant, Cell and Environment</i> , 2010, 33, 604-611.	5.7	194
9	<i>Arabidopsis</i> HDA6 Regulates Locus-Directed Heterochromatin Silencing in Cooperation with MET1. <i>PLoS Genetics</i> , 2011, 7, e1002055.	3.5	148
10	<i>Arabidopsis</i> HDA6 is required for freezing tolerance. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 414-419.	2.1	133
11	The Cold Signaling Attenuator HIGH EXPRESSION OF OSMOTICALLY RESPONSIVE GENE1 Activates <i>FLOWERING LOCUS C</i> Transcription via Chromatin Remodeling under Short-Term Cold Stress in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 4378-4390.	6.6	106
12	A Stress-Activated Transposon in <i>Arabidopsis</i> Induces Transgenerational Abscisic Acid Insensitivity. <i>Scientific Reports</i> , 2016, 6, 23181.	3.3	106
13	The Distinct Roles of Class I and II RPD3-Like Histone Deacetylases in Salinity Stress Response. <i>Plant Physiology</i> , 2017, 175, 1760-1773.	4.8	76
14	A member of the YER057c/yjgf/Uk114 family links isoleucine biosynthesis and intact mitochondria maintenance in <i>Saccharomyces cerevisiae</i> . <i>Genes To Cells</i> , 2001, 6, 507-517.	1.2	72
15	An Epigenetic Integrator: New Insights into Genome Regulation, Environmental Stress Responses and Developmental Controls by HISTONE DEACETYLASE 6. <i>Plant and Cell Physiology</i> , 2012, 53, 794-800.	3.1	71
16	The modulation of acetic acid pathway genes in <i>Arabidopsis</i> improves survival under drought stress. <i>Scientific Reports</i> , 2018, 8, 7831.	3.3	59
17	Ky-2, a Histone Deacetylase Inhibitor, Enhances High-Salinity Stress Tolerance in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2016, 57, 776-783.	3.1	58
18	Transduction of RNA-directed DNA methylation signals to repressive histone marks in <i>Arabidopsis thaliana</i> . <i>EMBO Journal</i> , 2010, 29, 352-362.	7.8	49

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19	tasiRNA-ARF Pathway Moderates Floral Architecture in <i>Arabidopsis</i> Plants Subjected to Drought Stress. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	44
20	<i>Aquifex aeolicus</i> tRNA (Gm18) Methyltransferase Has Unique Substrate Specificity. <i>Journal of Biological Chemistry</i> , 2003, 278, 25081-25090.	3.4	38
21	<i>Arabidopsis</i> Tiling Array Analysis to Identify the Stress-Responsive Genes. <i>Methods in Molecular Biology</i> , 2010, 639, 141-155.	0.9	27
22	Acetic-acid-induced jasmonate signaling in root enhances drought avoidance in rice. <i>Scientific Reports</i> , 2021, 11, 6280.	3.3	23
23	The cloning and characterization of the CDC50 gene family in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2001, 18, 195-205.	1.7	19
24	Novel Stress-Inducible Antisense RNAs of Protein-Coding Loci Are Synthesized by RNA-Dependent RNA Polymerase. <i>Plant Physiology</i> , 2017, 175, 457-472.	4.8	16
25	Intracellular localization of histone deacetylase HDA6 in plants. <i>Journal of Plant Research</i> , 2019, 132, 629-640.	2.4	7
26	Highly Reproducible ChIP-on-Chip Analysis to Identify Genome-Wide Protein Binding and Chromatin Status in <i>Arabidopsis thaliana</i> . <i>Methods in Molecular Biology</i> , 2014, 1062, 405-426.	0.9	6
27	Jasmonates and Histone deacetylase 6 activate <i>Arabidopsis</i> genome-wide histone acetylation and methylation during the early acute stress response. <i>BMC Biology</i> , 2022, 20, 83.	3.8	5
28	Microarray Analysis for Studying the Abiotic Stress Responses in Plants. , 2010, , 333-355.		4