

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	Jasmonates and Histone deacetylase 6 activate Arabidopsis genome-wide histone acetylation and methylation during the early acute stress response. BMC Biology, 2022, 20, 83.	3.8	5
2	Acetic-acid-induced jasmonate signaling in root enhances drought avoidance in rice. Scientific Reports, 2021, 11, 6280.	3.3	23
3	Intracellular localization of histone deacetylase HDA6 in plants. Journal of Plant Research, 2019, 132, 629-640.	2.4	7
4	The modulation of acetic acid pathway genes in Arabidopsis improves survival under drought stress. Scientific Reports, 2018, 8, 7831.	3.3	59
5	The Distinct Roles of Class I and II RPD3-Like Histone Deacetylases in Salinity Stress Response. Plant Physiology, 2017, 175, 1760-1773.	4.8	76
6	Novel Stress-Inducible Antisense RNAs of Protein-Coding Loci Are Synthesized by RNA-Dependent RNA Polymerase. Plant Physiology, 2017, 175, 457-472.	4.8	16
7	Acetate-mediated novel survival strategy against drought in plants. Nature Plants, 2017, 3, 17097.	9.3	232
8	A Stress-Activated Transposon in Arabidopsis Induces Transgenerational Abscisic Acid Insensitivity. Scientific Reports, 2016, 6, 23181.	3.3	106
9	Ky-2, a Histone Deacetylase Inhibitor, Enhances High-Salinity Stress Tolerance in <i>Arabidopsis thaliana</i> . Plant and Cell Physiology, 2016, 57, 776-783.	3.1	58
10	Chromatin changes in response to drought, salinity, heat, and cold stresses in plants. Frontiers in Plant Science, 2015, 6, 114.	3.6	367
11	tasiRNA-ARF Pathway Moderates Floral Architecture in <i>Arabidopsis</i> Plants Subjected to Drought Stress. BioMed Research International, 2014, 2014, 1-10.	1.9	44
12	Highly Reproducible ChIP-on-Chip Analysis to Identify Genome-Wide Protein Binding and Chromatin Status in <i>Arabidopsis thaliana</i> . Methods in Molecular Biology, 2014, 1062, 405-426.	0.9	6
13	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> . Plant Cell, 2013, 25, 4378-4390.	6.6	106
14	Transition of Chromatin Status During the Process of Recovery from Drought Stress in <i>Arabidopsis thaliana</i> . Plant and Cell Physiology, 2012, 53, 847-856.	3.1	208
15	An Epigenetic Integrator: New Insights into Genome Regulation, Environmental Stress Responses and Developmental Controls by HISTONE DEACETYLASE 6. Plant and Cell Physiology, 2012, 53, 794-800.	3.1	71
16	Derepression of ethylene-stabilized transcription factors (EIN3/EIL1) mediates jasmonate and ethylene signaling synergy in <i>Arabidopsis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12539-12544.	7.1	622
17	<i>Arabidopsis</i> HDA6 is required for freezing tolerance. Biochemical and Biophysical Research Communications, 2011, 406, 414-419.	2.1	133
18	<i>Arabidopsis</i> HsfA1 transcription factors function as the main positive regulators in heat shock-responsive gene expression. Molecular Genetics and Genomics, 2011, 286, 321-332.	2.1	377

#	ARTICLE	IF	CITATIONS
19	Arabidopsis HDA6 Regulates Locus-Directed Heterochromatin Silencing in Cooperation with MET1. <i>PLoS Genetics</i> , 2011, 7, e1002055.	3.5	148
20	Arabidopsis Tiling Array Analysis to Identify the Stress-Responsive Genes. <i>Methods in Molecular Biology</i> , 2010, 639, 141-155.	0.9	27
21	Chromatin regulation functions in plant abiotic stress responses. <i>Plant, Cell and Environment</i> , 2010, 33, 604-611.	5.7	194
22	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
23	Microarray Analysis for Studying the Abiotic Stress Responses in Plants. , 2010, , 333-355.		4
24	Arabidopsis 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
25	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
26	<i>Aquifex aeolicus</i> tRNA (Gm18) Methyltransferase Has Unique Substrate Specificity. <i>Journal of Biological Chemistry</i> , 2003, 278, 25081-25090.	3.4	38
27	A member of the YER057c/yjgf/Ulk114 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
28	The cloning and characterization of the CDC50 gene family in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2001, 18, 195-205.	1.7	19