

Junna He

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,776
citations

471509

17
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2461
citing authors

#	ARTICLE	IF	CITATIONS
1	A Plasma Membrane Receptor Kinase, GHR1, Mediates Abscisic Acid- and Hydrogen Peroxide-Regulated Stomatal Movement in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 2546-2561.	6.6	341
2	DEXH Box RNA Helicase Mediated Mitochondrial Reactive Oxygen Species Production in <i>Arabidopsis</i> Mediates Crosstalk between Abscisic Acid and Auxin Signaling. <i>Plant Cell</i> , 2012, 24, 1815-1833.	6.6	257
3	Auxin Response Factor2 (ARF2) and Its Regulated Homeodomain Gene HB33 Mediate Abscisic Acid Response in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2011, 7, e1002172.	3.5	213
4	ABA overly-sensitive ϵ 5 (ABO5), encoding a pentatricopeptide repeat protein required for cis-splicing of mitochondrial nad2 intron ϵ 3, is involved in the abscisic acid response in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010, 63, 749-765.	5.7	179
5	ABA-Mediated ROS in Mitochondria Regulate Root Meristem Activity by Controlling PLETHORA Expression in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2014, 10, e1004791.	3.5	175
6	Epigenetic Regulation, Somatic Homologous Recombination, and Abscisic Acid Signaling Are Influenced by DNA Polymerase μ Mutation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 386-402.	6.6	111
7	EAR1 Negatively Regulates ABA Signaling by Enhancing 2C Protein Phosphatase Activity. <i>Plant Cell</i> , 2018, 30, 815-834.	6.6	111
8	LHSFA1, a novel heat stress transcription factor in lily (<i>Lilium longiflorum</i>), can interact with LHSFA2 and enhance the thermotolerance of transgenic <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2014, 33, 1519-1533.	5.6	61
9	Overexpression of lily HsfA3s in <i>Arabidopsis</i> confers increased thermotolerance and salt sensitivity via alterations in proline catabolism. <i>Journal of Experimental Botany</i> , 2018, 69, 2005-2021.	4.8	61
10	A Canonical DREB2-Type Transcription Factor in Lily Is Post-translationally Regulated and Mediates Heat Stress Response. <i>Frontiers in Plant Science</i> , 2018, 9, 243.	3.6	36
11	The <i>Arabidopsis</i> Nodulin Homeobox Factor AtNDX Interacts with AtRING1A/B and Negatively Regulates Abscisic Acid Signaling. <i>Plant Cell</i> , 2020, 32, 703-721.	6.6	29
12	<i>Gladiolus hybridus</i> ABSCISIC ACID INSENSITIVE 5 (GhABI5) is an important transcription factor in ABA signaling that can enhance <i>Gladiolus</i> corm dormancy and <i>Arabidopsis</i> seed dormancy. <i>Frontiers in Plant Science</i> , 2015, 6, 960.	3.6	28
13	Somatic embryogenesis and <i>Agrobacterium</i> -mediated transformation of <i>Gladiolus hybridus</i> cv. <i>Advance Red</i> TM . <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 717-728.	2.3	27
14	Characterization and Functional Analysis of Transcription Factor LoMYB80 Related to Anther Development in Lily (<i>Lilium Oriental</i> Hybrids). <i>Journal of Plant Growth Regulation</i> , 2015, 34, 545-557.	5.1	26
15	GhTCP19 Transcription Factor Regulates Corm Dormancy Release by Repressing GhNCED Expression in <i>Gladiolus</i> . <i>Plant and Cell Physiology</i> , 2019, 60, 52-62.	3.1	26
16	The Heat Stress Transcription Factor LHsfA4 Enhanced Basic Thermotolerance through Regulating ROS Metabolism in Lilies (<i>Lilium Longiflorum</i>). <i>International Journal of Molecular Sciences</i> , 2022, 23, 572.	4.1	24
17	GhNAC83 inhibits corm dormancy release by regulating ABA signaling and cytokinin biosynthesis in <i>Gladiolus hybridus</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 1221-1237.	4.8	18
18	Small HSPs play an important role in crosstalk between HSF-HSP and ROS pathways in heat stress response through transcriptomic analysis in lilies (<i>Lilium longiflorum</i>). <i>BMC Plant Biology</i> , 2022, 22, 202.	3.6	18

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19	A domesticated <i>Harbinger</i> transposase forms a complex with HDA6 and promotes histone H3 deacetylation at genes but not TEs in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1462-1474.	8.5	14
20	ADP-glucose pyrophosphorylase gene plays a key role in the quality of corm and yield of cormels in gladiolus. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 206-212.	2.1	9
21	Silencing GhCOI1 in <i>Gladiolus hybridus</i> increases susceptibility to <i>Alternaria brassicicola</i> and impairs inducible defenses. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 140, 69-81.	2.3	5
22	Isolation and characterization of <i>LoAMS</i> gene in anther development of lily (<i>Lilium</i>) Tj ETQq0 0 0 rgBT //Overlock 10 Tf 50 6	1.3	5
23	Cloning and characterization of a novel <i>Gladiolus hybridus</i> AFP family gene (GhAFP-like) related to corm dormancy. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 198-204.	2.1	2