Junna He

List of Publications by Year in descending order

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23	1,776	471509 17	642732 23
papers	citations	h-index	g-index

25	25	25	2461
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Heat Stress Transcription Factor LlHsfA4 Enhanced Basic Thermotolerance through Regulating ROS Metabolism in Lilies (Lilium Longiflorum). International Journal of Molecular Sciences, 2022, 23, 572.	4.1	24
2	Small HSPs play an important role in crosstalk between HSF-HSP and ROS pathways in heat stress response through transcriptomic analysis in lilies (Lilium longiflorum). BMC Plant Biology, 2022, 22, 202.	3.6	18
3	A domesticated Harbinger transposase forms a complex with HDA6 and promotes histone H3 deacetylation at genes but not TEs in Arabidopsis. Journal of Integrative Plant Biology, 2021, 63, 1462-1474.	8.5	14
4	Silencing GhCOI1 in Gladiolus hybridus increases susceptibility to Alternaria brassicicola and impairs inducible defenses. Plant Cell, Tissue and Organ Culture, 2020, 140, 69-81.	2.3	5
5	Isolation and characterization of LoAMS gene in anther development of lily (Lilium) Tj ETQq1 1 0.784314 rgBT /Overloc	1.3	5
6	The Arabidopsis Nodulin Homeobox Factor AtNDX Interacts with AtRING1A/B and Negatively Regulates Abscisic Acid Signaling. Plant Cell, 2020, 32, 703-721.	6.6	29
7	GhTCP19 Transcription Factor Regulates Corm Dormancy Release by RepressingGhNCEDExpression in Gladiolus. Plant and Cell Physiology, 2019, 60, 52-62.	3.1	26
8	GhNAC83 inhibits corm dormancy release by regulating ABA signaling and cytokinin biosynthesis in Gladiolus hybridus. Journal of Experimental Botany, 2019, 70, 1221-1237.	4.8	18
9	EAR1 Negatively Regulates ABA Signaling by Enhancing 2C Protein Phosphatase Activity. Plant Cell, 2018, 30, 815-834.	6.6	111
10	Overexpression of lily HsfA3s in Arabidopsis confers increased thermotolerance and salt sensitivity via alterations in proline catabolism. Journal of Experimental Botany, 2018, 69, 2005-2021.	4.8	61
11	A Canonical DREB2-Type Transcription Factor in Lily Is Post-translationally Regulated and Mediates Heat Stress Response. Frontiers in Plant Science, 2018, 9, 243.	3.6	36
12	ADP-glucose pyrophosphorylase gene plays a key role in the quality of corm and yield of cormels in gladiolus. Biochemical and Biophysical Research Communications, 2016, 474, 206-212.	2.1	9
13	Cloning and characterization of a novel Gladiolus hybridus AFP family gene (GhAFP-like) related to corm dormancy. Biochemical and Biophysical Research Communications, 2016, 471, 198-204.	2.1	2
14	Gladiolus hybridus ABSCISIC ACID INSENSITIVE 5 (GhABI5) is an important transcription factor in ABA signaling that can enhance Gladiolus corm dormancy and Arabidopsis seed dormancy. Frontiers in Plant Science, 2015, 6, 960.	3.6	28
15	Characterization and Functional Analysis of Transcription Factor LoMYB80 Related to Anther Development in Lily (Lilium Oriental Hybrids). Journal of Plant Growth Regulation, 2015, 34, 545-557.	5.1	26
16	Somatic embryogenesis and Agrobacterium-mediated transformation of Gladiolus hybridus cv. â€˜Advance Redâ€™. Plant Cell, Tissue and Organ Culture, 2015, 120, 717-728.	2.3	27
17	ABA-Mediated ROS in Mitochondria Regulate Root Meristem Activity by Controlling PLETHORA Expression in Arabidopsis. PLoS Genetics, 2014, 10, e1004791.	3.5	175
18	LlHSFA1, a novel heat stress transcription factor in lily (Lilium longiflorum), can interact with LlHSFA2 and enhance the thermotolerance of transgenic Arabidopsis thaliana. Plant Cell Reports, 2014, 33, 1519-1533.	5.6	61

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19	DEXH Box RNA Helicaseâ€“Mediated Mitochondrial Reactive Oxygen Species Production in Arabidopsis Mediates Crosstalk between Abscisic Acid and Auxin Signaling. Plant Cell, 2012, 24, 1815-1833.	6.6	257
20	A Plasma Membrane Receptor Kinase, GHR1, Mediates Abscisic Acid- and Hydrogen Peroxide-Regulated Stomatal Movement in Arabidopsis. Plant Cell, 2012, 24, 2546-2561.	6.6	341
21	Auxin Response Factor2 (ARF2) and Its Regulated Homeodomain Gene HB33 Mediate Abscisic Acid Response in Arabidopsis. PLoS Genetics, 2011, 7, e1002172.	3.5	213
22	ABA overly-sensitiveâ€ƒ5 (ABO5), encoding a pentatricopeptide repeat protein required for cis-splicing of mitochondrial nad2 intronâ€ƒ3, is involved in the abscisic acid response in Arabidopsis. Plant Journal, 2010, 63, 749-765.	5.7	179
23	Epigenetic Regulation, Somatic Homologous Recombination, and Abscisic Acid Signaling Are Influenced by DNA Polymerase Ïµ Mutation inArabidopsisÂ Â. Plant Cell, 2009, 21, 386-402.	6.6	111