

Hee Jin Park

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,103
citations

430874

18
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1608
citing authors

#	ARTICLE	IF	CITATIONS
1	Release of SOS2 kinase from sequestration with GIGANTEA determines salt tolerance in Arabidopsis. <i>Nature Communications</i> , 2013, 4, 1352.	12.8	220
2	Epigenetic switch from repressive to permissive chromatin in response to cold stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5400-E5409.	7.1	157
3	SUMO and SUMOylation in Plants. <i>Molecules and Cells</i> , 2011, 32, 305-316.	2.6	121
4	Functional characterization of the SIZ/PIASâ€¢type SUMO E3 ligases, OsSIZ1 and OsSIZ2 in rice. <i>Plant, Cell and Environment</i> , 2010, 33, 1923-1934.	5.7	85
5	HOS15 Interacts with the Histone Deacetylase HDA9 and the Evening Complex to Epigenetically Regulate the Floral Activator <i>GIGANTEA</i> . <i>Plant Cell</i> , 2019, 31, 37-51.	6.6	65
6	Allelic polymorphism of <i>GIGANTEA</i> is responsible for naturally occurring variation in circadian period in <i>Brassica rapa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3829-3834.	7.1	55
7	A role for GIGANTEA. <i>Plant Signaling and Behavior</i> , 2013, 8, e24820.	2.4	53
8	The GIGANTEA-ENHANCED EM LEVEL Complex Enhances Drought Tolerance via Regulation of Abscisic Acid Synthesis. <i>Plant Physiology</i> , 2020, 184, 443-458.	4.8	42
9	New Insights into the Role of the Small Ubiquitin-like Modifier (SUMO) in Plants. <i>International Review of Cell and Molecular Biology</i> , 2013, 300, 161-209.	3.2	41
10	Identification and Molecular Properties of SUMO-Binding Proteins in Arabidopsis. <i>Molecules and Cells</i> , 2011, 32, 143-152.	2.6	39
11	Plant-Growth Promoting <i>Bacillus oryzicola</i> YC7007 Modulates Stress-Response Gene Expression and Provides Protection From Salt Stress. <i>Frontiers in Plant Science</i> , 2019, 10, 1646.	3.6	34
12	The Histone-Modifying Complex PWR/HOS15/HD2C Epigenetically Regulates Cold Tolerance. <i>Plant Physiology</i> , 2020, 184, 1097-1111.	4.8	32
13	AtPR5K2, a PR5-Like Receptor Kinase, Modulates Plant Responses to Drought Stress by Phosphorylating Protein Phosphatase 2Cs. <i>Frontiers in Plant Science</i> , 2019, 10, 1146.	3.6	31
14	Humic Acid Confers HIGH-AFFINITY K ⁺ TRANSPORTER 1-Mediated Salinity Stress Tolerance in Arabidopsis. <i>Molecules and Cells</i> , 2017, 40, 966-975.	2.6	27
15	Expression of Arabidopsis thaliana Thioredoxin-h2 in Brassica napus enhances antioxidant defenses and improves salt tolerance. <i>Plant Physiology and Biochemistry</i> , 2020, 147, 313-321.	5.8	25
16	Ubiquitin and Ubiquitin-like Modifiers in Plants. <i>Journal of Plant Biology</i> , 2011, 54, 275-285.	2.1	22
17	OsTGA2 confers disease resistance to rice against leaf blight by regulating expression levels of disease related genes via interaction with NH1. <i>PLoS ONE</i> , 2018, 13, e0206910.	2.5	22
18	Identification and Molecular Characterization of HOS15-interacting Proteins in Arabidopsis thaliana. <i>Journal of Plant Biology</i> , 2018, 61, 336-345.	2.1	22

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19	Identification of SUMO-modified proteins by affinity purification and tandem mass spectrometry in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Biology</i> , 2013, 56, 176-185.	2.1	6
20	SUMO proteins grapple with biotic and abiotic stresses in <i>Arabidopsis</i> . <i>Journal of Plant Biology</i> , 2013, 56, 77-84.	2.1	3