Kwanuk Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1826501/publications.pdf

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28	806	623188	525886
papers	citations	14 h-index	27 g-index

31	31	31	1033
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Emerging Roles of RNA-Binding Proteins in Plant Growth, Development, and Stress Responses. Molecules and Cells, 2016, 39, 179-185.	1.0	108
2	N⁶â€Methyladenosine mRNA methylation is important for salt stress tolerance in Arabidopsis. Plant Journal, 2021, 106, 1759-1775.	2.8	101
3	MicroRNA400-Guided Cleavage of Pentatricopeptide Repeat Protein mRNAs Renders Arabidopsis thaliana More Susceptible to Pathogenic Bacteria and Fungi. Plant and Cell Physiology, 2014, 55, 1660-1668.	1.5	87
4	A chloroplast-localized DEAD-box RNA helicaseAtRH3 is essential for intron splicing and plays an important role in the growth and stress response in Arabidopsis thaliana. Plant Physiology and Biochemistry, 2014, 82, 309-318.	2.8	71
5	The mitochondrial pentatricopeptide repeat protein <scp>PPR</scp>19 is involved in the stabilization of NADH dehydrogenase 1 transcripts and is crucial for mitochondrial function and Arabidopsis thaliana development. New Phytologist, 2017, 215, 202-216.	3.5	60
6	The coordinated action of <scp>PPR</scp>4 and <scp>EMB</scp>2654 on each intron half mediates transâ€splicing of rps12 transcripts in plant chloroplasts. Plant Journal, 2019, 100, 1193-1207.	2.8	42
7	Functional characterization of a plastid-specific ribosomal protein PSRP2 in Arabidopsis thaliana under abiotic stress conditions. Plant Physiology and Biochemistry, 2013, 73, 405-411.	2.8	33
8	A nuclear-encoded chloroplast protein harboring a single CRM domain plays an important role in the Arabidopsis growth and stress response. BMC Plant Biology, 2014, 14, 98.	1.6	28
9	A chloroplast-targeted cabbage DEAD-box RNA helicase BrRH22 confers abiotic stress tolerance to transgenic Arabidopsis plants by affecting translation of chloroplast transcripts. Plant Physiology and Biochemistry, 2018, 127, 336-342.	2.8	26
10	Roles of Organellar RNA-Binding Proteins in Plant Growth, Development, and Abiotic Stress Responses. International Journal of Molecular Sciences, 2020, 21, 4548.	1.8	24
11	Abiotic stresses affect differently the intron splicing and expression of chloroplast genes in coffee plants (Coffea arabica) and rice (Oryza sativa). Journal of Plant Physiology, 2016, 201, 85-94.	1.6	20
12	CFM9, a Mitochondrial CRM Protein, Is Crucial for Mitochondrial Intron Splicing, Mitochondria Function and Arabidopsis Growth and Stress Responses. Plant and Cell Physiology, 2019, 60, 2538-2548.	1.5	19
13	A chloroplast-targeted pentatricopeptide repeat protein PPR287 is crucial for chloroplast function and Arabidopsis development. BMC Plant Biology, 2019, 19, 244.	1.6	18
14	A nuclearâ€encoded chloroplastâ€targeted S1 <scp>RNA</scp>â€binding domain protein affects chloroplast <scp>rRNA</scp> processing and is crucial for the normal growth of Arabidopsis thaliana. Plant Journal, 2015, 83, 277-289.	2.8	17
15	Rice DEAD-box RNA helicase OsRH53 has negative impact on Arabidopsis response to abiotic stresses. Plant Growth Regulation, 2018, 85, 153-163.	1.8	17
16	A chloroplast-localized S1 domain-containing protein SRRP1 plays a role in Arabidopsis seedling growth in the presence of ABA. Journal of Plant Physiology, 2015, 189, 34-41.	1.6	15
17	Lack of FIBRILLIN6 in Arabidopsis thaliana affects light acclimation and sulfate metabolism. New Phytologist, 2020, 225, 1715-1731.	3.5	15
18	Arabidopsis Mitochondrial Transcription Termination Factor mTERF2 Promotes Splicing of Group IIB Introns. Cells, 2021, 10, 315.	1.8	15

#	Article	IF	Citations
19	Molecular Bases of Heat Stress Responses in Vegetable Crops With Focusing on Heat Shock Factors and Heat Shock Proteins. Frontiers in Plant Science, 2022, 13, 837152.	1.7	13
20	RsmD, a Chloroplast rRNA m2G Methyltransferase, Plays a Role in Cold Stress Tolerance by Possibly Affecting Chloroplast Translation in Arabidopsis. Plant and Cell Physiology, 2021, 62, 948-958.	1.5	12
21	Physiological Traits of Thirty-Five Tomato Accessions in Response to Low Temperature. Agriculture (Switzerland), 2021, 11, 792.	1.4	12
22	quatre-quart1 is an indispensable U12 intron-containing gene that plays a crucial role in Arabidopsis development. Journal of Experimental Botany, 2017, 68, 2731-2739.	2.4	9
23	A La-Related Protein LaRP6a Delays Flowering of Arabidopsis thaliana by Upregulating FLC Transcript Levels. Journal of Plant Biology, 2020, 63, 369-378.	0.9	9
24	BrRH37, a Cabbage (Brassica rapa) DEAD-Box RNA Helicase, Confers Drought Tolerance and ABA Response in Transgenic Arabidopsis Plants. Journal of Plant Biology, 2021, 64, 327-336.	0.9	9
25	QTL Mapping of Resistance to Bacterial Wilt in Pepper Plants (Capsicum annuum) Using Genotyping-by-Sequencing (GBS). Horticulturae, 2022, 8, 115.	1.2	9
26	The Effect of Night Low Temperature on Agronomical Traits of Thirty-Nine Pepper Accessions (Capsicum annuum L.). Agronomy, 2021, 11, 1986.	1.3	6
27	Impact of Agrobacterium-infiltration and transient overexpression of BroMYB28 on glucoraphanin biosynthesis in broccoli leaves. Plant Biotechnology Reports, 2020, 14, 373-380.	0.9	5
28	Comprehensive Understanding of Selecting Traits for Heat Tolerance during Vegetative and Reproductive Growth Stages in Tomato. Agronomy, 2022, 12, 834.	1.3	5