Naganand Rayapuram

List of Publications by Year
in descending order

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24	993	567281 15	610901 24
papers	citations	h-index	g-index

25	25	25	1408
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plant Immunity: From Signaling to Epigenetic Control of Defense. Trends in Plant Science, 2018, 23, 833-844.	8.8	198
2	The control of peroxisome number and size during division and proliferation. Current Opinion in Cell Biology, 2005, 17, 376-383.	5.4	116
3	AtCCMH, an essential component of the c-type cytochrome maturation pathway in Arabidopsis mitochondria, interacts with apocytochrome c. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16113-16118.	7.1	93
4	Quantitative Phosphoproteomic Analysis Reveals Shared and Specific Targets of Arabidopsis Mitogen-Activated Protein Kinases (MAPKs) MPK3, MPK4, and MPK6. Molecular and Cellular Proteomics, 2018, 17, 61-80.	3.8	80
5	MAPK-triggered chromatin reprogramming by histone deacetylase in plant innate immunity. Genome Biology, 2017, 18, 131.	8.8	73
6	AtCCMA Interacts with AtCcmB to Form a Novel Mitochondrial ABC Transporter Involved in Cytochrome c Maturation in Arabidopsis*. Journal of Biological Chemistry, 2007, 282, 21015-21023.	3.4	55
7	The Three Mitochondrial Encoded CcmF Proteins Form a Complex That Interacts with CCMH and c-Type Apocytochromes in Arabidopsis. Journal of Biological Chemistry, 2008, 283, 25200-25208.	3.4	49
8	Identification of Novel PAMP-Triggered Phosphorylation and Dephosphorylation Events in Arabidopsis thaliana by Quantitative Phosphoproteomic Analysis. Journal of Proteome Research, 2014, 13, 2137-2151.	3.7	44
9	The Trihelix transcription factor GT2-like 1 (GTL1) promotes salicylic acid metabolism, and regulates bacterial-triggered immunity. PLoS Genetics, 2018, 14, e1007708.	3.5	41
10	Plant Immunity: The MTI-ETI Model and Beyond. Current Issues in Molecular Biology, 2019, 30, 39-58.	2.4	31
11	CcmFC involved in cytochrome c maturation is present in a large sized complex in wheat mitochondria. FEBS Letters, 2004, 563, 165-169.	2.8	29
12	Phosphorylationâ€dependent regulation of plant chromatin and chromatinâ€associated proteins. Proteomics, 2014, 14, 2127-2140.	2.2	26
13	The Lamin-Like LITTLE NUCLEI 1 (LINC1) Regulates Pattern-Triggered Immunity and Jasmonic Acid Signaling. Frontiers in Plant Science, 2019, 10, 1639.	3.6	26
14	Chromatin phosphoproteomics unravels a function for AT-hook motif nuclear localized protein AHL13 in PAMP-triggered immunity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	25
15	Nanofabrication of Isoporous Membranes for Cell Fractionation. Scientific Reports, 2020, 10, 6138.	3.3	22
16	Proteomic and phosphoproteomic analyses of chromatinâ€associated proteins from Arabidopsis thaliana. Proteomics, 2014, 14, 2141-2155.	2.2	18
17	INDETERMINATE-DOMAIN 4 (IDD4) coordinates immune responses with plant-growth in Arabidopsis thaliana. PLoS Pathogens, 2019, 15, e1007499.	4.7	17
18	The Arabidopsis homolog of human G3BP1 is a key regulator of stomatal and apoplastic immunity. Life Science Alliance, 2018, 1, e201800046.	2.8	16

#	Article	IF	Citations
19	Phosphorylation regulates the activity of INDETERMINATE-DOMAIN (IDD/BIRD) proteins in response to diverse environmental conditions. Plant Signaling and Behavior, 2019, 14, e1642037.	2.4	7
20	G3BPs in Plant Stress. Frontiers in Plant Science, 2021, 12, 680710.	3.6	6
21	In vivo identification of putative CPK5 substrates in Arabidopsis thaliana. Plant Science, 2022, 314, 111121.	3.6	6
22	Analysis of the Arabidopsiscoilinmutant reveals a positive role of AtCOILIN in plant immunity. Plant Physiology, 2022, 190, 745-761.	4.8	6
23	A Semi-In Vivo Transcriptional Assay to Dissect Plant Defense Regulatory Modules. Methods in Molecular Biology, 2021, 2328, 203-214.	0.9	4
24	The Lysâ€motif receptor <scp>LYK4</scp> mediates Enterobacter sp. <scp>SA187</scp> triggered salt tolerance in Arabidopsis thaliana. Environmental Microbiology, 2022, 24, 223-239.	3.8	4