Elide Formentin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6221108/publications.pdf

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23	845	471509 17	642732 23
papers	citations	h-index	g-index

24	24	24	1227
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Thylakoid-Located Two-Pore K ⁺ Channel Controls Photosynthetic Light Utilization in Plants. Science, 2013, 342, 114-118.	12.6	146
2	Alternative Splicing-Mediated Targeting of the Arabidopsis GLUTAMATE RECEPTOR3.5 to Mitochondria Affects Organelle Morphology. Plant Physiology, 2015, 167, 216-227.	4.8	69
3	Transcriptome and Cell Physiological Analyses in Different Rice Cultivars Provide New Insights Into Adaptive and Salinity Stress Responses. Frontiers in Plant Science, 2018, 9, 204.	3.6	65
4	Dual localization of plant glutamate receptor AtGLR3.4 to plastids and plasmamembrane. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 359-367.	1.0	64
5	A chloroplast-localized mitochondrial calcium uniporter transduces osmotic stress in Arabidopsis. Nature Plants, 2019, 5, 581-588.	9.3	56
6	Physiological Characterization of a Plant Mitochondrial Calcium Uniporter in Vitro and in Vivo. Plant Physiology, 2017, 173, 1355-1370.	4.8	54
7	Innovation, conservation, and repurposing of gene function in root cell type development. Cell, 2021, 184, 3333-3348.e19.	28.9	48
8	Characterization of a Plant Glutamate Receptor Activity. Cellular Physiology and Biochemistry, 2010, 26, 253-262.	1.6	36
9	Chloroplast Calcium Signaling in the Spotlight. Frontiers in Plant Science, 2020, 11, 186.	3.6	34
10	Rapid Annotation of Anonymous Sequences from Genome Projects Using Semantic Similarities and a Weighting Scheme in Gene Ontology. PLoS ONE, 2009, 4, e4619.	2.5	33
11	Salt tolerance in indica rice cell cultures depends on a fine tuning of ROS signalling and homeostasis. PLoS ONE, 2019, 14, e0213986.	2.5	27
12	Gene regulatory networks shape developmental plasticity of root cell types under water extremes in rice. Developmental Cell, 2022, 57, 1177-1192.e6.	7.0	27
13	A Meta-Analysis of Comparative Transcriptomic Data Reveals a Set of Key Genes Involved in the Tolerance to Abiotic Stresses in Rice. International Journal of Molecular Sciences, 2019, 20, 5662.	4.1	24
14	ATP-Sensitive Cation-channel in Wheat (Triticum durum Desf.): Identification and Characterization of a Plant Mitochondrial Channel by Patch-clamp. Cellular Physiology and Biochemistry, 2010, 26, 975-982.	1.6	23
15	Fast Regulation of Hormone Metabolism Contributes to Salt Tolerance in Rice (Oryza sativa spp.) Tj ETQq1 1 0.784314 rgBT /Overloc	3.5	22
16	Histidines Are Responsible for Zinc Potentiation of the Current in KDC1 Carrot Channels. Biophysical Journal, 2004, 86, 224-234.	0.5	20
17	Pathway Inspector: a pathway based web application for RNAseq analysis of model and non-model organisms. Bioinformatics, 2017, 33, 453-455.	4.1	20
18	Salt Tolerance in Crops: Not Only a Matter of Gene Regulation. Plant Physiology, 2017, 174, 1287-1288.	4.8	17

#	Article	IF	Citations
19	Eliciting the Functional Taxonomy from protein annotations and taxa. Scientific Reports, 2016, 6, 31971.	3.3	14
20	Calcium Flux across Plant Mitochondrial Membranes: Possible Molecular Players. Frontiers in Plant Science, 2016, 7, 354.	3.6	13
21	H2O2 Signature and Innate Antioxidative Profile Make the Difference Between Sensitivity and Tolerance to Salt in Rice Cells. Frontiers in Plant Science, 2018, 9, 1549.	3.6	13
22	Targeted Next-Generation Sequencing Identification of Mutations in Disease Resistance Gene Analogs (RGAs) in Wild and Cultivated Beets. Genes, 2017, 8, 264.	2.4	10
23	KDC2, a functional homomeric potassium channel expressed during carrot embryogenesis. FEBS Letters, 2006, 580, 5009-5015.	2.8	8