

Yongqing Yang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

4,767
citations

361413

20
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501196

28
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32
docs citations

32
times ranked

4048
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphatidic acid inhibits SCAB1-mediated F-actin bundling in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2023, 18, .	2.4	1
2	Phosphatidylinositol 3-phosphate regulates SCAB1-mediated F-actin reorganization during stomatal closure in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2022, 34, 477-494.	6.6	10
3	Testing the polar auxin transport model with a selective plasma membrane H ⁺ -ATPase inhibitor. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1229-1245.	8.5	7
4	The molecular mechanism of plasma membrane H ⁺ -ATPases in plant responses to abiotic stress. <i>Journal of Genetics and Genomics</i> , 2022, 49, 715-725.	3.9	30
5	SCaBP3/CBL7 negatively regulates the plasma membrane H ⁺ -ATPase and modulates hypocotyl elongation in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2022, 17, .	2.4	1
6	Protein kinases in plant responses to drought, salt, and cold stress. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 53-78.	8.5	273
7	Quantitative Proteomics Reveals SOS2-related Proteins in <i>Arabidopsis</i> under Salt Stress. <i>Current Proteomics</i> , 2021, 18, .	0.3	0
8	Dynamic changes of phosphatidylinositol and phosphatidylinositol 4-phosphate levels modulate H ⁺ -ATPase and Na ⁺ /H ⁺ antiporter activities to maintain ion homeostasis in <i>Arabidopsis</i> under salt stress. <i>Molecular Plant</i> , 2021, 14, 2000-2014.	8.3	33
9	Phospholipids in Salt Stress Response. <i>Plants</i> , 2021, 10, 2204.	3.5	12
10	The GSK3-like Kinase BIN2 Is a Molecular Switch between the Salt Stress Response and Growth Recovery in <i>Arabidopsis thaliana</i> . <i>Developmental Cell</i> , 2020, 55, 367-380.e6.	7.0	85
11	An improved protein lipid overlay assay for studying lipid-protein interactions. <i>Plant Methods</i> , 2020, 16, 33.	4.3	12
12	Plant abiotic stress response and nutrient use efficiency. <i>Science China Life Sciences</i> , 2020, 63, 635-674.	4.9	689
13	Calcium-activated 14-3-3 proteins as a molecular switch in salt stress tolerance. <i>Nature Communications</i> , 2019, 10, 1199.	12.8	156
14	The SOS2-SCaBP8 Complex Generates and Fine-Tunes an AtANN4-Dependent Calcium Signature under Salt Stress. <i>Developmental Cell</i> , 2019, 48, 697-709.e5.	7.0	133
15	The Ca ²⁺ Sensor SCaBP3/CBL7 Modulates Plasma Membrane H ⁺ -ATPase Activity and Promotes Alkali Tolerance in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2019, 31, 1367-1384.	6.6	106
16	Regulation of plasma membrane H ⁺ -ATPase activity by the members of the V-SNARE VAMP7C family in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2019, 14, e1573097.	2.4	10
17	Elucidating the molecular mechanisms mediating plant salt stress responses. <i>New Phytologist</i> , 2018, 217, 523-539.	7.3	894
18	VAMP711 Is Required for Abscisic Acid-Mediated Inhibition of Plasma Membrane H ⁺ -ATPase Activity. <i>Plant Physiology</i> , 2018, 178, 1332-1343.	4.8	47

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19	Activation of ROP6 GTPase by Phosphatidylglycerol in Arabidopsis. <i>Frontiers in Plant Science</i> , 2018, 9, 347.	3.6	14
20	Unraveling salt stress signaling in plants. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 796-804.	8.5	658
21	Molecular characterization of an AtPYL1-like protein, BrPYL1, as a putative ABA receptor in <i>Brassica rapa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 684-689.	2.1	10
22	A bioassay-guided fractionation system to identify endogenous small molecules that activate plasma membrane H ⁺ -ATPase activity in Arabidopsis. <i>Journal of Experimental Botany</i> , 2017, 68, 2951-2962.	4.8	32
23	Stability and localization of 14-3-3 proteins are involved in salt tolerance in Arabidopsis. <i>Plant Molecular Biology</i> , 2016, 92, 391-400.	3.9	54
24	DNA methylation signature of intergenic region involves in nucleosome remodeler DDM1-mediated repression of aberrant gene transcriptional read-through. <i>Journal of Genetics and Genomics</i> , 2016, 43, 513-523.	3.9	16
25	A Chaperone Function of NO CATALASE ACTIVITY1 Is Required to Maintain Catalase Activity and for Multiple Stress Responses in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 908-925.	6.6	139
26	An Arabidopsis Plasma Membrane Proton ATPase Modulates JA Signaling and Is Exploited by the <i>Pseudomonas syringae</i> Effector Protein AvrB for Stomatal Invasion. <i>Plant Cell</i> , 2015, 27, 2032-2041.	6.6	95
27	SOS2-LIKE PROTEIN KINASE5, an SNF1-RELATED PROTEIN KINASE3-Type Protein Kinase, Is Important for Abscisic Acid Responses in Arabidopsis through Phosphorylation of ABSCISIC ACID-INSENSITIVE5. <i>Plant Physiology</i> , 2015, 168, 659-676.	4.8	111
28	Inhibition of the Arabidopsis Salt Overly Sensitive Pathway by 14-3-3 Proteins. <i>Plant Cell</i> , 2014, 26, 1166-1182.	6.6	193
29	The Arabidopsis Chaperone J3 Regulates the Plasma Membrane H ⁺ -ATPase through Interaction with the PKS5 Kinase. <i>Plant Cell</i> , 2010, 22, 1313-1332.	6.6	200
30	Phosphorylation of SOS3-LIKE CALCIUM BINDING PROTEIN8 by SOS2 Protein Kinase Stabilizes Their Protein Complex and Regulates Salt Tolerance in Arabidopsis. <i>Plant Cell</i> , 2009, 21, 1607-1619.	6.6	228
31	SCABP8/CBL10, a Putative Calcium Sensor, Interacts with the Protein Kinase SOS2 to Protect Arabidopsis Shoots from Salt Stress. <i>Plant Cell</i> , 2007, 19, 1415-1431.	6.6	492
32	Molecular Mechanisms of Plant Responses to Salt Stress. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	26