

Cun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,097
citations

932766

10
h-index

1281420

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12
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docs citations

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times ranked

1625
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytosolic malate and oxaloacetate activate S ⁺ type anion channels in <i>Arabidopsis</i> guard cells. <i>New Phytologist</i> , 2018, 220, 178-186.	3.5	14
2	Two-electrode Voltage-clamp Recordings in <i>Xenopus laevis</i> Oocytes Reconstitution of Abscisic Acid Activation of SLAC1 Anion Channel via PYL9 ABA Receptor. <i>Bio-protocol</i> , 2017, 7, .	0.2	9
3	A Dominant Mutation in the HT1 Kinase Uncovers Roles of MAP Kinases and GHR1 in CO ₂ -Induced Stomatal Closure. <i>Plant Cell</i> , 2016, 28, 2493-2509.	3.1	89
4	OshKT1;4-mediated Na ⁺ transport in stems contributes to Na ⁺ exclusion from leaf blades of rice at the reproductive growth stage upon salt stress. <i>BMC Plant Biology</i> , 2016, 16, 22.	1.6	168
5	The Transmembrane Region of Guard Cell SLAC1 Channels Perceives CO ₂ Signals via an ABA-Independent Pathway in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2016, 28, 557-567.	3.1	47
6	Reconstitution of CO ₂ Regulation of SLAC1 Anion Channel and Function of CO ₂ -Permeable PIP2;1 Aquaporin as CARBONIC ANHYDRASE4 Interactor. <i>Plant Cell</i> , 2016, 28, 568-582.	3.1	130
7	Identification of AtOPT4 as a Plant Glutathione Transporter. <i>Molecular Plant</i> , 2016, 9, 481-484.	3.9	24
8	Starch Biosynthesis in Guard Cells But Not in Mesophyll Cells Is Involved in CO ₂ -Induced Stomatal Closing. <i>Plant Physiology</i> , 2016, 171, 788-98.	2.3	34
9	Natural Variation in <i>Arabidopsis</i> Cvi-0 Accession Reveals an Important Role of MPK12 in Guard Cell CO ₂ Signaling. <i>PLoS Biology</i> , 2016, 14, e2000322.	2.6	69
10	Calcium specificity signaling mechanisms in abscisic acid signal transduction in <i>Arabidopsis</i> guard cells. <i>ELife</i> , 2015, 4, .	2.8	172
11	A Plasma Membrane Receptor Kinase, GHR1, Mediates Abscisic Acid- and Hydrogen Peroxide-Regulated Stomatal Movement in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 2546-2561.	3.1	341