

Chao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,933
citations

430874

18
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2171
citing authors

#	ARTICLE	IF	CITATIONS
1	Conserved mechanism for vacuolar magnesium sequestration in yeast and plant cells. <i>Nature Plants</i> , 2022, 8, 181-190.	9.3	16
2	Recent Advances in Genome-wide Analyses of Plant Potassium Transporter Families. <i>Current Genomics</i> , 2021, 22, 164-180.	1.6	11
3	Discriminating symbiosis and immunity signals by receptor competition in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	59
4	Suppression of LjBAK1-mediated immunity by SymRK promotes rhizobial infection in <i>Lotus japonicus</i> . <i>Molecular Plant</i> , 2021, 14, 1935-1950.	8.3	22
5	Calcium Signaling Mechanisms Across Kingdoms. <i>Annual Review of Cell and Developmental Biology</i> , 2021, 37, 311-340.	9.4	98
6	Plant Membrane Transport Research in the Post-genomic Era. <i>Plant Communications</i> , 2020, 1, 100013.	7.7	26
7	Transcriptional regulation of <i>NIN</i> expression by IPN2 is required for root nodule symbiosis in <i>Lotus japonicus</i> . <i>New Phytologist</i> , 2020, 227, 513-528.	7.3	17
8	The CBL-CIPK Calcium Signaling Network: Unified Paradigm from 20 Years of Discoveries. <i>Trends in Plant Science</i> , 2020, 25, 604-617.	8.8	181
9	A calcium signalling network activates vacuolar K ⁺ remobilization to enable plant adaptation to low-K environments. <i>Nature Plants</i> , 2020, 6, 384-393.	9.3	76
10	Calcium spikes, waves and oscillations in plant development and biotic interactions. <i>Nature Plants</i> , 2020, 6, 750-759.	9.3	188
11	A calmodulin-gated calcium channel links pathogen patterns to plant immunity. <i>Nature</i> , 2019, 572, 131-135.	27.8	320
12	Suppression of innate immunity mediated by the CDPK-Rboh complex is required for rhizobial colonization in <i>Medicago truncatula</i> nodules. <i>New Phytologist</i> , 2018, 220, 425-434.	7.3	53
13	OsCERK1-Mediated Chitin Perception and Immune Signaling Requires Receptor-like Cytoplasmic Kinase 185 to Activate an MAPK Cascade in Rice. <i>Molecular Plant</i> , 2017, 10, 619-633.	8.3	135
14	<i>Streptomyces virginiae</i> PPDC Is a New Type of Phenylpyruvate Decarboxylase Composed of Two Subunits. <i>ACS Chemical Biology</i> , 2017, 12, 2008-2014.	3.4	2
15	<i>NODULES WITH ACTIVATED DEFENSE 1</i> is required for maintenance of rhizobial endosymbiosis in <i>Medicago truncatula</i> . <i>New Phytologist</i> , 2016, 212, 176-191.	7.3	90
16	<i>Arabidopsis</i> Farms <i>Colletotrichum tofieldiae</i> for Phosphate Uptake. <i>Molecular Plant</i> , 2016, 9, 953-955.	8.3	1
17	DELLA proteins are common components of symbiotic rhizobial and mycorrhizal signalling pathways. <i>Nature Communications</i> , 2016, 7, 12433.	12.8	198
18	Phytosulfokine Is Involved in Positive Regulation of <i>Lotus japonicus</i> Nodulation. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 847-855.	2.6	28

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19	<i>Lotus japonicus</i> Clathrin Heavy Chain1 Is Associated with Rho-Like GTPase ROP6 and Involved in Nodule Formation. <i>Plant Physiology</i> , 2015, 167, 1497-1510.	4.8	45
20	Involvement of ROP6 and clathrin in nodulation factor signaling. <i>Plant Signaling and Behavior</i> , 2015, 10, e1033127.	2.4	6
21	A MYB coiled-coil transcription factor interacts with NSP2 and is involved in nodulation in <i>Lotus japonicus</i> . <i>New Phytologist</i> , 2014, 201, 837-849.	7.3	26
22	Splice variants of the SIP1 transcripts play a role in nodule organogenesis in <i>Lotus japonicus</i> . <i>Plant Molecular Biology</i> , 2013, 82, 97-111.	3.9	36
23	Clathrin Light Chains Regulate Clathrin-Mediated Trafficking, Auxin Signaling, and Development in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 499-516.	6.6	152
24	A MAP Kinase Kinase Interacts with SymRK and Regulates Nodule Organogenesis in <i>Lotus japonicus</i> . <i>Plant Cell</i> , 2012, 24, 823-838.	6.6	99
25	A Novel Interaction between CCaMK and a Protein Containing the Scythe_N Ubiquitin-Like Domain in <i>Lotus japonicus</i> . <i>Plant Physiology</i> , 2011, 155, 1312-1324.	4.8	44