

Yan Wu

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,384
citations

279798
23
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315739
38
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41
all docs

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docs citations

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times ranked

3417
citing authors

#	ARTICLE	IF	CITATIONS
1	Cinnamoyl coA: NADP oxidoreductase-like 1 regulates abscisic acid response by modulating phaseic acid homeostasis in <i>Arabidopsis thaliana</i> . Journal of Experimental Botany, 2022, 73, 860-872.	4.8	7
2	The phyto-melatonin receptor PMTR1 regulates seed development and germination by modulating abscisic acid homeostasis in <i>Arabidopsis thaliana</i> . Journal of Pineal Research, 2022, 72, .	7.4	20
3	Neophaseic acid catabolism in the 9 α -hydroxylation pathway of abscisic acid in <i>Arabidopsis thaliana</i> . Plant Communications, 2022, 3, 100340.	7.7	3
4	The phosphoinositide-specific phospholipase C1 modulates flowering time and grain size in rice. Planta, 2022, 256, .	3.2	1
5	The F-Box/DUF295 Brassicaceae specific 2 is involved in ABA-inhibited seed germination and seedling growth in <i>Arabidopsis</i> . Plant Science, 2022, 323, 111369.	3.6	1
6	ABA-INDUCED expression 1 is involved in ABA-inhibited primary root elongation via modulating ROS homeostasis in <i>Arabidopsis</i> . Plant Science, 2021, 304, 110821.	3.6	20
7	Rice Non-Specific Phospholipase C6 Is Involved in Mesocotyl Elongation. Plant and Cell Physiology, 2021, 62, 985-1000.	3.1	7
8	The rice phosphoinositide-specific phospholipase C3 is involved in responses to osmotic stresses via modulating ROS homeostasis. Plant Science, 2021, 313, 111087.	3.6	4
9	Two SLENDER AND CRINKLY LEAF dioxygenases play an essential role in rice shoot development. Journal of Experimental Botany, 2020, 71, 1387-1401.	4.8	13
10	A combined microRNA and transcriptome analyses illuminates the resistance response of rice against brown planthopper. BMC Genomics, 2020, 21, 144.	2.8	27
11	OsMADS18, a membrane-bound MADS-box transcription factor, modulates plant architecture and the abscisic acid response in rice. Journal of Experimental Botany, 2019, 70, 3895-3909.	4.8	38
12	Secretome Analysis and In Planta Expression of Salivary Proteins Identify Candidate Effectors from the Brown Planthopper <i>Nilaparvata lugens</i> . Molecular Plant-Microbe Interactions, 2019, 32, 227-239.	2.6	57
13	Phosphatidylinositol-specific phospholipase C2 functions in auxin-modulated root development. Plant, Cell and Environment, 2019, 42, 1441-1457.	5.7	28
14	Metabolic analysis of the melatonin biosynthesis pathway using chemical labeling coupled with liquid chromatography-mass spectrometry. Journal of Pineal Research, 2019, 66, e12531.	7.4	51
15	<i>Arabidopsis</i> Aspartic Protease ASPG1 Affects Seed Dormancy, Seed Longevity and Seed Germination. Plant and Cell Physiology, 2018, 59, 1415-1431.	3.1	29
16	Bph6 encodes an exocyst-localized protein and confers broad resistance to planthoppers in rice. Nature Genetics, 2018, 50, 297-306.	21.4	158
17	The dioxygenase GIM2 functions in seed germination by altering gibberellin production in <i>Arabidopsis</i> . Journal of Integrative Plant Biology, 2018, 60, 276-291.	8.5	24
18	A Mucin-Like Protein of Planthopper Is Required for Feeding and Induces Immunity Response in Plants. Plant Physiology, 2018, 176, 552-565.	4.8	120

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19	The Coiled-Coil and Nucleotide Binding Domains of BROWN PLANTHOPPER RESISTANCE14 Function in Signaling and Resistance against Planthopper in Rice. <i>Plant Cell</i> , 2017, 29, 3157-3185.	6.6	92
20	Identification and analysis of brown planthopper-responsive microRNAs in resistant and susceptible rice plants. <i>Scientific Reports</i> , 2017, 7, 8712.	3.3	58
21	Overexpression of OsRRK1 Changes Leaf Morphology and Defense to Insect in Rice. <i>Frontiers in Plant Science</i> , 2017, 8, 1783.	3.6	12
22	Release of an HtrA-Like Protease from the Cell Surface of Thermophilic <i>Brevibacillus</i> sp. WF146 via Substrate-Induced Autoprocessing of the N-terminal Membrane Anchor. <i>Frontiers in Microbiology</i> , 2017, 8, 481.	3.5	9
23	Major latex protein-like protein 43 (MLP43) functions as a positive regulator during abscisic acid responses and confers drought tolerance in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 421-434.	4.8	78
24	<i>Arabidopsis</i> <i>PLC</i> 2 is involved in auxin-modulated reproductive development. <i>Plant Journal</i> , 2015, 84, 504-515.	5.7	57
25	RopGEF2 is involved in ABA-suppression of seed germination and post-germination growth of <i>Arabidopsis</i> . <i>Plant Journal</i> , 2015, 84, 886-899.	5.7	23
26	Amphiphilic copolymers with pendent carboxyl groups for high-efficiency loading and controlled release of doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 132, 54-61.	5.0	27
27	Enzyme-Induced and Tumor-Targeted Drug Delivery System Based on Multifunctional Mesoporous Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9078-9087.	8.0	214
28	Thymine-functionalized amphiphilic biodegradable copolymers for high-efficiency loading and controlled release of methotrexate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 618-624.	5.0	13
29	Endogenous Cytokinin Overproduction Modulates ROS Homeostasis and Decreases Salt Stress Resistance in <i>Arabidopsis Thaliana</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 1004.	3.6	87
30	Crosslinked triblock copolymeric micelle for redox-responsive drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 223-230.	5.0	26
31	CPK3-phosphorylated RhoGDI1 is essential in the development of <i>Arabidopsis</i> seedlings and leaf epidermal cells. <i>Journal of Experimental Botany</i> , 2013, 64, 3327-3338.	4.8	31
32	The inhibitory effect of ABA on floral transition is mediated by ABI5 in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2013, 64, 675-684.	4.8	218
33	Directly Transforming PCR-Amplified DNA Fragments into Plant Cells Is a Versatile System That Facilitates the Transient Expression Assay. <i>PLoS ONE</i> , 2013, 8, e57171.	2.5	35
34	Assessing Gibberellins Oxidase Activity by Anion Exchange/Hydrophobic Polymer Monolithic Capillary Liquid Chromatography-Mass Spectrometry. <i>PLoS ONE</i> , 2013, 8, e69629.	2.5	6
35	Overexpression of the aspartic protease ASPG1 gene confers drought avoidance in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2012, 63, 2579-2593.	4.8	128
36	Highly sensitive and quantitative profiling of acidic phytohormones using derivatization approach coupled with nano-LC-ESI-Q-TOF-MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 905, 67-74.	2.3	173

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37	Cytokinin antagonizes ABA suppression to seed germination of Arabidopsis by downregulating ABI5 expression. Plant Journal, 2011, 68, 249-261.	5.7	229
38	Oil Body Biogenesis during <i>Brassica napus</i> Embryogenesis. Journal of Integrative Plant Biology, 2009, 51, 792-799.	8.5	32
39	Inactivation of AtRac1 by abscisic acid is essential for stomatal closure. Genes and Development, 2001, 15, 1808-1816.	5.9	226
40	Guard Cell Signaling. , 0, , 362-387.		1