

Yan Wu

List of Publications by Year in descending order

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40
papers

2,384
citations

279701

23
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315616

38
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all docs

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docs citations

41
times ranked

3417
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokinin antagonizes ABA suppression to seed germination of Arabidopsis by downregulating ABI5 expression. <i>Plant Journal</i> , 2011, 68, 249-261.	2.8	229
2	Inactivation of AtRac1 by abscisic acid is essential for stomatal closure. <i>Genes and Development</i> , 2001, 15, 1808-1816.	2.7	226
3	The inhibitory effect of ABA on floral transition is mediated by ABI5 in Arabidopsis. <i>Journal of Experimental Botany</i> , 2013, 64, 675-684.	2.4	218
4	Enzyme-Induced and Tumor-Targeted Drug Delivery System Based on Multifunctional Mesoporous Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9078-9087.	4.0	214
5	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.	1.2	173
6	Bph6 encodes an exocyst-localized protein and confers broad resistance to planthoppers in rice. <i>Nature Genetics</i> , 2018, 50, 297-306.	9.4	158
7	Overexpression of the aspartic protease ASPG1 gene confers drought avoidance in Arabidopsis. <i>Journal of Experimental Botany</i> , 2012, 63, 2579-2593.	2.4	128
8	A Mucin-Like Protein of Planthopper Is Required for Feeding and Induces Immunity Response in Plants. <i>Plant Physiology</i> , 2018, 176, 552-565.	2.3	120
9	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.	3.1	92
10	Endogenous Cytokinin Overproduction Modulates ROS Homeostasis and Decreases Salt Stress Resistance in Arabidopsis Thaliana. <i>Frontiers in Plant Science</i> , 2015, 6, 1004.	1.7	87
11	Major latex protein-like protein 43 (MLP43) functions as a positive regulator during abscisic acid responses and confers drought tolerance in Arabidopsis thaliana. <i>Journal of Experimental Botany</i> , 2016, 67, 421-434.	2.4	78
12	Identification and analysis of brown planthopper-responsive microRNAs in resistant and susceptible rice plants. <i>Scientific Reports</i> , 2017, 7, 8712.	1.6	58
13	Arabidopsis <i>PLC2</i> is involved in auxin-modulated reproductive development. <i>Plant Journal</i> , 2015, 84, 504-515.	2.8	57
14	Secretome Analysis and In Planta Expression of Salivary Proteins Identify Candidate Effectors from the Brown Planthopper <i>Nilaparvata lugens</i> . <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 227-239.	1.4	57
15	Metabolic analysis of the melatonin biosynthesis pathway using chemical labeling coupled with liquid chromatography-mass spectrometry. <i>Journal of Pineal Research</i> , 2019, 66, e12531.	3.4	51
16	OsMADS18, a membrane-bound MADS-box transcription factor, modulates plant architecture and the abscisic acid response in rice. <i>Journal of Experimental Botany</i> , 2019, 70, 3895-3909.	2.4	38
17	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.	1.1	35
18	Oil Body Biogenesis during Brassica napus Embryogenesis. <i>Journal of Integrative Plant Biology</i> , 2009, 51, 792-799.	4.1	32

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19	CPK3-phosphorylated RhoGDI1 is essential in the development of Arabidopsis seedlings and leaf epidermal cells. <i>Journal of Experimental Botany</i> , 2013, 64, 3327-3338.	2.4	31
20	Arabidopsis Aspartic Protease ASPG1 Affects Seed Dormancy, Seed Longevity and Seed Germination. <i>Plant and Cell Physiology</i> , 2018, 59, 1415-1431.	1.5	29
21	Phosphatidylinositol-specific phospholipase C2 functions in auxin-modulated root development. <i>Plant, Cell and Environment</i> , 2019, 42, 1441-1457.	2.8	28
22	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.	2.5	27
23	A combined microRNA and transcriptome analyses illuminates the resistance response of rice against brown planthopper. <i>BMC Genomics</i> , 2020, 21, 144.	1.2	27
24	Crosslinked triblock copolymeric micelle for redox-responsive drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 223-230.	2.5	26
25	The dioxygenase GIM2 functions in seed germination by altering gibberellin production in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2018, 60, 276-291.	4.1	24
26	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.	2.8	23
27	ABA-INDUCED expression 1 is involved in ABA-inhibited primary root elongation via modulating ROS homeostasis in <i>Arabidopsis</i> . <i>Plant Science</i> , 2021, 304, 110821.	1.7	20
28	The phyto melatonin receptor PMTR1 regulates seed development and germination by modulating abscisic acid homeostasis in <i>Arabidopsis thaliana</i> . <i>Journal of Pineal Research</i> , 2022, 72, .	3.4	20
29	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.	2.5	13
30	Two SLENDER AND CRINKLY LEAF dioxygenases play an essential role in rice shoot development. <i>Journal of Experimental Botany</i> , 2020, 71, 1387-1401.	2.4	13
31	Overexpression of OsRRK1 Changes Leaf Morphology and Defense to Insect in Rice. <i>Frontiers in Plant Science</i> , 2017, 8, 1783.	1.7	12
32	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.	1.5	9
33	Rice Non-Specific Phospholipase C6 Is Involved in Mesocotyl Elongation. <i>Plant and Cell Physiology</i> , 2021, 62, 985-1000.	1.5	7
34	Cinnamoyl coA: NADP oxidoreductase-like 1 regulates abscisic acid response by modulating phaseic acid homeostasis in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2022, 73, 860-872.	2.4	7
35	Assessing Gibberellins Oxidase Activity by Anion Exchange/Hydrophobic Polymer Monolithic Capillary Liquid Chromatography-Mass Spectrometry. <i>PLoS ONE</i> , 2013, 8, e69629.	1.1	6
36	The rice phosphoinositide-specific phospholipase C3 is involved in responses to osmotic stresses via modulating ROS homeostasis. <i>Plant Science</i> , 2021, 313, 111087.	1.7	4

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37	Neophaseic acid catabolism in the 9â€²-hydroxylation pathway of abscisic acid in Arabidopsis thaliana. Plant Communications, 2022, 3, 100340.	3.6	3
38	Guard Cell Signaling. , 0, , 362-387.		1
39	The phosphoinositide-specific phospholipase C1 modulates flowering time and grain size in rice. Planta, 2022, 256, .	1.6	1
40	The F-Box/DUF295 Brassiceae specific 2 is involved in ABA-inhibited seed germination and seedling growth in Arabidopsis. Plant Science, 2022, 323, 111369.	1.7	1