

Lu-Jun Yu

List of Publications by Year in descending order

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18
papers

1,308
citations

687363

13
h-index

839539

18
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docs citations

18
times ranked

1767
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative transcriptome analysis of transporters, phytohormone and lipid metabolism pathways in response to arsenic stress in rice (<i>Oryza sativa</i>). <i>New Phytologist</i> , 2012, 195, 97-112.	7.3	193
2	OsARM1, an R2R3 MYB Transcription Factor, Is Involved in Regulation of the Response to Arsenic Stress in Rice. <i>Frontiers in Plant Science</i> , 2017, 8, 1868.	3.6	150
3	Autophagy contributes to regulation of the hypoxia response during submergence in <i>Arabidopsis thaliana</i> . <i>Autophagy</i> , 2015, 11, 2233-2246.	9.1	143
4	TRAF Family Proteins Regulate Autophagy Dynamics by Modulating AUTOPHAGY PROTEIN6 Stability in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2017, 29, 890-911.	6.6	108
5	DIACYLGLYCEROL ACYLTRANSFERASE and DIACYLGLYCEROL KINASE Modulate Triacylglycerol and Phosphatidic Acid Production in the Plant Response to Freezing Stress. <i>Plant Physiology</i> , 2018, 177, 1303-1318.	4.8	108
6	Autophagy regulates glucose-mediated root meristem activity by modulating ROS production in <i>Arabidopsis</i> . <i>Autophagy</i> , 2019, 15, 407-422.	9.1	102
7	Jasmonate Regulates Plant Responses to Postsubmergence Reoxygenation through Transcriptional Activation of Antioxidant Synthesis. <i>Plant Physiology</i> , 2017, 173, 1864-1880.	4.8	98
8	Unsaturation of Very-Long-Chain Ceramides Protects Plant from Hypoxia-Induced Damages by Modulating Ethylene Signaling in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2015, 11, e1005143.	3.5	86
9	<i>Arabidopsis</i> acyl-CoA binding protein ACBP3 participates in plant response to hypoxia by modulating very-long-chain fatty acid metabolism. <i>Plant Journal</i> , 2015, 81, 53-67.	5.7	84
10	Disruption of the <i>Arabidopsis</i> Defense Regulator Genes SAG101, EDS1, and PAD4 Confers Enhanced Freezing Tolerance. <i>Molecular Plant</i> , 2015, 8, 1536-1549.	8.3	55
11	Brassinosteroids Antagonize Jasmonate-Activated Plant Defense Responses through BRI1-EMS-SUPPRESSOR1 (BES1). <i>Plant Physiology</i> , 2020, 182, 1066-1082.	4.8	48
12	SINAT E3 Ubiquitin Ligases Mediate FREE1 and VPS23A Degradation to Modulate Abscisic Acid Signaling. <i>Plant Cell</i> , 2020, 32, 3290-3310.	6.6	46
13	Polyunsaturated linolenoyl-CoA modulates ERF-mediated hypoxia signaling in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2020, 62, 330-348.	8.5	32
14	Identification of putative fecundity-related gustatory receptor genes in the brown planthopper <i>Nilaparvata lugens</i> . <i>BMC Genomics</i> , 2018, 19, 970.	2.8	14
15	Evolution and Expression of the Membrane Attack Complex and Perforin Gene Family in the Poaceae. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5736.	4.1	14
16	Identification and Expression of the Multidrug and Toxic Compound Extrusion (MATE) Gene Family in <i>Capsicum annuum</i> and <i>Solanum tuberosum</i> . <i>Plants</i> , 2020, 9, 1448.	3.5	12
17	The Anaerobic Product Ethanol Promotes Autophagy-Dependent Submergence Tolerance in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 7361.	4.1	10
18	<i>Arabidopsis thaliana</i> Plants Engineered To Produce Astaxanthin Show Enhanced Oxidative Stress Tolerance and Bacterial Pathogen Resistance. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12590-12598.	5.2	5