

Yidong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

4,692
citations

394421

19
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677142

22
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docs citations

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times ranked

5177
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorylation of 1-Aminocyclopropane-1-Carboxylic Acid Synthase by MPK6, a Stress-Responsive Mitogen-Activated Protein Kinase, Induces Ethylene Biosynthesis in Arabidopsis [W]. <i>Plant Cell</i> , 2004, 16, 3386-3399.	6.6	756
2	Stomatal Development and Patterning Are Regulated by Environmentally Responsive Mitogen-Activated Protein Kinases in Arabidopsis. <i>Plant Cell</i> , 2007, 19, 63-73.	6.6	727
3	Phosphorylation of a WRKY Transcription Factor by Two Pathogen-Responsive MAPKs Drives Phytoalexin Biosynthesis in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 1639-1653.	6.6	674
4	Mitogen-Activated Protein Kinases 3 and 6 Are Required for Full Priming of Stress Responses in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2009, 21, 944-953.	6.6	458
5	Phosphorylation of an ERF Transcription Factor by <i>Arabidopsis</i> MPK3/MPK6 Regulates Plant Defense Gene Induction and Fungal Resistance. <i>Plant Cell</i> , 2013, 25, 1126-1142.	6.6	362
6	A fungal-responsive MAPK cascade regulates phytoalexin biosynthesis in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5638-5643.	7.1	317
7	A MAPK Cascade Downstream of ERECTA Receptor-Like Protein Kinase Regulates <i>Arabidopsis</i> Inflorescence Architecture by Promoting Localized Cell Proliferation. <i>Plant Cell</i> , 2013, 24, 4948-4960.	6.6	191
8	Active photosynthetic inhibition mediated by MPK3/MPK6 is critical to effector-triggered immunity. <i>PLoS Biology</i> , 2018, 16, e2004122.	5.6	161
9	Activation of Salicylic Acid-Induced Protein Kinase, a Mitogen-Activated Protein Kinase, Induces Multiple Defense Responses in Tobacco. <i>Plant Cell</i> , 2001, 13, 1877-1889.	6.6	149
10	Phosphorylation of a WRKY Transcription Factor by MAPKs Is Required for Pollen Development and Function in Arabidopsis. <i>PLoS Genetics</i> , 2014, 10, e1004384.	3.5	149
11	Regulation of Stomatal Immunity by Interdependent Functions of a Pathogen-Responsive MPK3/MPK6 Cascade and Abscisic Acid. <i>Plant Cell</i> , 2017, 29, 526-542.	6.6	146
12	Pathogen-Responsive MPK3 and MPK6 Reprogram the Biosynthesis of Indole Glucosinolates and Their Derivatives in Arabidopsis Immunity. <i>Plant Cell</i> , 2016, 28, 1144-1162.	6.6	135
13	A MAPK cascade downstream of IDA-HAE/HSL2 ligand-receptor pair in lateral root emergence. <i>Nature Plants</i> , 2019, 5, 414-423.	9.3	90
14	Multilayered Regulation of Ethylene Induction Plays a Positive Role in Arabidopsis Resistance against <i>Pseudomonas syringae</i> . <i>Plant Physiology</i> , 2015, 169, 299-312.	4.8	87
15	Mitogen-activated protein kinases and calcium-dependent protein kinases are involved in wounding-induced ethylene biosynthesis in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2018, 41, 134-147.	5.7	71
16	Maternal control of embryogenesis by MPK6 and its upstream MKK4/MKK5 in Arabidopsis. <i>Plant Journal</i> , 2017, 92, 1005-1019.	5.7	66
17	Regulation of pollen lipid body biogenesis by MAP kinases and downstream WRKY transcription factors in Arabidopsis. <i>PLoS Genetics</i> , 2018, 14, e1007880.	3.5	38
18	WRKY15 Suppresses Tracheary Element Differentiation Upstream of VND7 During Xylem Formation. <i>Plant Cell</i> , 2020, 32, 2307-2324.	6.6	36

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19	Regulation of GDSL Lipase Gene Expression by the MPK3/MPK6 Cascade and Its Downstream WRKY Transcription Factors in <i>Arabidopsis</i> Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 673-684.	2.6	23
20	CASEIN KINASE2-Dependent Phosphorylation of PHOSPHATE2 Fine-tunes Phosphate Homeostasis in Rice. <i>Plant Physiology</i> , 2020, 183, 250-262.	4.8	22
21	A Förster resonance energy transfer sensor for live-cell imaging of mitogen-activated protein kinase activity in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2019, 97, 970-983.	5.7	21
22	Overlapping functions of YDA and MAPKKK3/MAPKKK5 upstream of MPK3/MPK6 in plant immunity and growth/development. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1531-1542.	8.5	13