

Juan Xu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/805697/juan-xu-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

1,851
citations

20
h-index

32
g-index

32
ext. papers

2,520
ext. citations

8.3
avg, IF

5.08
L-index

#	Paper	IF	Citations
31	Mitogen-activated protein kinase cascades in signaling plant growth and development. <i>Trends in Plant Science</i> , 2015 , 20, 56-64	13.1	305
30	Phosphorylation of an ERF transcription factor by Arabidopsis MPK3/MPK6 regulates plant defense gene induction and fungal resistance. <i>Plant Cell</i> , 2013 , 25, 1126-42	11.6	255
29	Activation of MAPK kinase 9 induces ethylene and camalexin biosynthesis and enhances sensitivity to salt stress in Arabidopsis. <i>Journal of Biological Chemistry</i> , 2008 , 283, 26996-7006	5.4	244
28	A chemical genetic approach demonstrates that MPK3/MPK6 activation and NADPH oxidase-mediated oxidative burst are two independent signaling events in plant immunity. <i>Plant Journal</i> , 2014 , 77, 222-34	6.9	129
27	Conveying endogenous and exogenous signals: MAPK cascades in plant growth and defense. <i>Current Opinion in Plant Biology</i> , 2018 , 45, 1-10	9.9	105
26	Active photosynthetic inhibition mediated by MPK3/MPK6 is critical to effector-triggered immunity. <i>PLoS Biology</i> , 2018 , 16, e2004122	9.7	86
25	Pathogen-Responsive MPK3 and MPK6 Reprogram the Biosynthesis of Indole Glucosinolates and Their Derivatives in Arabidopsis Immunity. <i>Plant Cell</i> , 2016 , 28, 1144-62	11.6	82
24	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	11.6	76
23	Two Mitogen-Activated Protein Kinases, MPK3 and MPK6, Are Required for Funicular Guidance of Pollen Tubes in Arabidopsis. <i>Plant Physiology</i> , 2014 , 165, 528-533	6.6	63
22	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	6.6	56
21	A MAPK cascade downstream of IDA-HAE/HSL2 ligand-receptor pair in lateral root emergence. <i>Nature Plants</i> , 2019 , 5, 414-423	11.5	50
20	Maternal control of embryogenesis by MPK6 and its upstream MKK4/MKK5 in Arabidopsis. <i>Plant Journal</i> , 2017 , 92, 1005-1019	6.9	43
19	Activation of MKK9-MPK3/MPK6 enhances phosphate acquisition in Arabidopsis thaliana. <i>New Phytologist</i> , 2014 , 203, 1146-1160	9.8	42
18	The Arabidopsis Pleiotropic Drug Resistance Transporters PEN3 and PDR12 Mediate Camalexin Secretion for Resistance to. <i>Plant Cell</i> , 2019 , 31, 2206-2222	11.6	39
17	Mitogen-activated protein kinases and calcium-dependent protein kinases are involved in wounding-induced ethylene biosynthesis in Arabidopsis thaliana. <i>Plant, Cell and Environment</i> , 2018 , 41, 134-147	8.4	39
16	Integration of metabolomics and subcellular organelle expression microarray to increase understanding the organic acid changes in post-harvest citrus fruit. <i>Journal of Integrative Plant Biology</i> , 2013 , 55, 1038-53	8.3	37
15	RACK1, scaffolding a heterotrimeric G protein and a MAPK cascade. <i>Trends in Plant Science</i> , 2015 , 20, 405-7	13.1	26

14	The YDA-MKK4/MKK5-MPK3/MPK6 Cascade Functions Downstream of the RGF1-RGI Ligand-Receptor Pair in Regulating Mitotic Activity in Root Apical Meristem. <i>Molecular Plant</i> , 2020 , 13, 1608-1623	14.4	21
13	The MAPK Kinase Kinase GmMEKK1 Regulates Cell Death and Defense Responses. <i>Plant Physiology</i> , 2018 , 178, 907-922	6.6	21
12	Functional characterization of GhAKT1, a novel Shaker-like K ⁺ channel gene involved in K ⁺ uptake from cotton (<i>Gossypium hirsutum</i>). <i>Gene</i> , 2014 , 545, 61-71	3.8	17
11	Regulation of pollen lipid body biogenesis by MAP kinases and downstream WRKY transcription factors in Arabidopsis. <i>PLoS Genetics</i> , 2018 , 14, e1007880	6	16
10	Co-regulation of indole glucosinolates and camalexin biosynthesis by CPK5/CPK6 and MPK3/MPK6 signaling pathways. <i>Journal of Integrative Plant Biology</i> , 2020 , 62, 1780-1796	8.3	15
9	Ethylene Biosynthesis and Regulation in Plants 2015 , 1-25		13
8	Regulation of GDSL Lipase Gene Expression by the MPK3/MPK6 Cascade and Its Downstream WRKY Transcription Factors in Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2019 , 32, 673-684	3.6	11
7	Reactive oxygen species in signalling the transcriptional activation of WIPK expression in tobacco. <i>Plant, Cell and Environment</i> , 2014 , 37, 1614-25	8.4	10
6	WRKY15 Suppresses Tracheary Element Differentiation Upstream of VND7 During Xylem Formation. <i>Plant Cell</i> , 2020 , 32, 2307-2324	11.6	8
5	Induction of Eaminobutyric acid plays a positive role to Arabidopsis resistance against <i>Pseudomonas syringae</i> . <i>Journal of Integrative Plant Biology</i> , 2020 , 62, 1797-1812	8.3	7
4	Expression of a plastid-localized sugar transporter in the suspensor is critical to embryogenesis. <i>Plant Physiology</i> , 2021 , 185, 1021-1038	6.6	4
3	Sporophytic control of anther development and male fertility by glucose-6-phosphate/phosphate translocator 1 (OsGPT1) in rice. <i>Journal of Genetics and Genomics</i> , 2021 , 48, 695-705	4	3
2	RNA interference of plant MAPK cascades for functional studies. <i>Methods in Molecular Biology</i> , 2014 , 1171, 91-103	1.4	2
1	Regulation of Arabidopsis Matrix Metalloproteinases by Mitogen-Activated Protein Kinases and Their Function in Leaf Senescence.. <i>Frontiers in Plant Science</i> , 2022 , 13, 864986	6.2	