Jun Liu

List of Publications by Year
in descending order

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24	2,023	471509 17	580821 25
papers	citations	h-index	g-index

25	25	25	2518
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Receptor-like Cytoplasmic Kinase Phosphorylates the Host Target RIN4, Leading to the Activation of a Plant Innate Immune Receptor. Cell Host and Microbe, 2011, 9, 137-146.	11.0	282
2	Lysin Motifâ€“Containing Proteins LYP4 and LYP6 Play Dual Roles in Peptidoglycan and Chitin Perception in Rice Innate Immunity. Plant Cell, 2012, 24, 3406-3419.	6.6	277
3	RIN4 Functions with Plasma Membrane H+-ATPases to Regulate Stomatal Apertures during Pathogen Attack. PLoS Biology, 2009, 7, e1000139.	5.6	240
4	The bHLH Transcription Factor bHLH104 Interacts with IAA-LEUCINE RESISTANT3 and Modulates Iron Homeostasis in Arabidopsis. Plant Cell, 2015, 27, 787-805.	6.6	219
5	Os<scp>CERK</scp>1 and Os<scp>RLCK</scp>176 play important roles in peptidoglycan and chitin signaling in rice innate immunity. Plant Journal, 2014, 80, 1072-1084.	5.7	158
6	Activation of ethylene signaling pathways enhances disease resistance by regulating <scp>ROS</scp> and phytoalexin production in rice. Plant Journal, 2017, 89, 338-353.	5.7	152
7	The Cotton Apoplastic Protein CRR1 Stabilizes Chitinase 28 to Facilitate Defense against the Fungal Pathogen Verticillium dahliae. Plant Cell, 2019, 31, 520-536.	6.6	85
8	Binding of the Magnaporthe oryzae Chitinase MoChia1 by a Rice Tetratricopeptide Repeat Protein Allows Free Chitin to Trigger Immune Responses. Plant Cell, 2019, 31, 172-188.	6.6	84
9	A Tyrosine Phosphorylation Cycle Regulates Fungal Activation of a Plant Receptor Ser/Thr Kinase. Cell Host and Microbe, 2018, 23, 241-253.e6.	11.0	72
10	A Lectin Receptor-Like Kinase Mediates Pattern-Triggered Salicylic Acid Signaling. Plant Physiology, 2017, 174, 2501-2514.	4.8	70
11	Poaceae-specific cell wall-derived oligosaccharides activate plant immunity via OsCERK1 during Magnaporthe oryzae infection in rice. Nature Communications, 2021, 12, 2178.	12.8	67
12	Tyrosine phosphorylation of the lectin receptorâ€like kinase LORE regulates plant immunity. EMBO Journal, 2020, 39, e102856.	7.8	66
13	Bacterial effector targeting of a plant iron sensor facilitates iron acquisition and pathogen colonization. Plant Cell, 2021, 33, 2015-2031.	6.6	40
14	A bHLH transcription activator regulates defense signaling by nucleoâ€cytosolic trafficking in rice. Journal of Integrative Plant Biology, 2020, 62, 1552-1573.	8.5	37
15	The Bacterial Effector AvrB-Induced RIN4 Hyperphosphorylation Is Mediated by a Receptor-Like Cytoplasmic Kinase Complex in Arabidopsis. Molecular Plant-Microbe Interactions, 2017, 30, 502-512.	2.6	34
16	Rice Plasma Membrane Proteomics Reveals Magnaporthe oryzae Promotes Susceptibility by Sequential Activation of Host Hormone Signaling Pathways. Molecular Plant-Microbe Interactions, 2016, 29, 902-913.	2.6	29
17	Ustilaginoidea virens secretes a family of phosphatases that stabilize the negative immune regulator OsMPK6 and suppress plant immunity. Plant Cell, 2022, 34, 3088-3109.	6.6	24
18	A Plant Lectin Receptor-like Kinase Phosphorylates the Bacterial Effector AvrPtoB to Dampen Its Virulence in Arabidopsis. Molecular Plant, 2020, 13, 1499-1512.	8.3	20

#	Article	IF	Citations
19	CERK1, more than a coâ€receptor in plantâ€“microbe interactions. New Phytologist, 2022, 234, 1606-1613.	7.3	19
20	Genome sequencing and comparative genomics reveal the potential pathogenic mechanism of Cercospora sojina Hara on soybean. DNA Research, 2018, 25, 25-37.	3.4	16
21	Genome re-sequencing analysis uncovers pathogenecity-related genes undergoing positive selection in Magnaporthe oryzae. Science China Life Sciences, 2017, 60, 880-890.	4.9	11
22	A rice protein modulates endoplasmic reticulum homeostasis and coordinates with a transcription factor to initiate blast disease resistance. Cell Reports, 2022, 39, 110941.	6.4	11
23	The Pseudomonas syringae effector AvrPtoB targets abscisic acid signaling pathway to promote its virulence in Arabidopsis. Phytopathology Research, 2022, 4, .	2.4	6
24	Insights into receptor-like kinases-activated downstream events in plants. Science China Life Sciences, 2018, 61, 1586-1588.	4.9	2