

Wei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,293
citations

623734

14
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

3625
citing authors

#	ARTICLE	IF	CITATIONS
1	NPR3 and NPR4 are receptors for the immune signal salicylic acid in plants. <i>Nature</i> , 2012, 486, 228-232.	27.8	834
2	Timing of plant immune responses by a central circadian regulator. <i>Nature</i> , 2011, 470, 110-114.	27.8	404
3	The HSF-like Transcription Factor TBF1 Is a Major Molecular Switch for Plant Growth-to-Defense Transition. <i>Current Biology</i> , 2012, 22, 103-112.	3.9	231
4	Redox rhythm reinforces the circadian clock to gate immune response. <i>Nature</i> , 2015, 523, 472-476.	27.8	167
5	Salicylic Acid Activates DNA Damage Responses to Potentiate Plant Immunity. <i>Molecular Cell</i> , 2013, 52, 602-610.	9.7	126
6	A Noncanonical Role for the CKI-RB-E2F Cell-Cycle Signaling Pathway in Plant Effector-Triggered Immunity. <i>Cell Host and Microbe</i> , 2014, 16, 787-794.	11.0	93
7	Structural basis of salicylic acid perception by Arabidopsis NPR proteins. <i>Nature</i> , 2020, 586, 311-316.	27.8	93
8	Recent Advances in Synthetic Chemical Inducers of Plant Immunity. <i>Frontiers in Plant Science</i> , 2018, 9, 1613.	3.6	72
9	Comprehensive mapping of abiotic stress inputs into the soybean circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23840-23849.	7.1	49
10	An aptamer nanopore-enabled microsensor for detection of theophylline. <i>Biosensors and Bioelectronics</i> , 2018, 105, 36-41.	10.1	48
11	Roles of Nuclear Pores and Nucleo-cytoplasmic Trafficking in Plant Stress Responses. <i>Frontiers in Plant Science</i> , 2017, 08, 574.	3.6	43
12	Development of a structure-switching aptamer-based nanosensor for salicylic acid detection. <i>Biosensors and Bioelectronics</i> , 2019, 140, 111342.	10.1	35
13	ALBA proteins confer thermotolerance through stabilizing HSF messenger RNAs in cytoplasmic granules. <i>Nature Plants</i> , 2022, 8, 778-791.	9.3	24
14	Al toxicity leads to enhanced cell division and changed photosynthesis in <i>Oryza rufipogon</i> L.. <i>Molecular Biology Reports</i> , 2011, 38, 4839-4846.	2.3	21
15	The 14â€³ protein GF14c positively regulates immunity by modulating the protein homeostasis of the GRAS protein OsSCL7 in rice. <i>Plant, Cell and Environment</i> , 2022, 45, 1065-1081.	5.7	11
16	Arabidopsis GAAP1 to GAAP3 Play Redundant Role in Cell Death Inhibition by Suppressing the Upregulation of Salicylic Acid Pathway Under Endoplasmic Reticulum Stress. <i>Frontiers in Plant Science</i> , 2019, 10, 1032.	3.6	10
17	The emerging role of biomolecular condensates in plant immunity. <i>Plant Cell</i> , 2022, 34, 1568-1572.	6.6	10
18	Optical Aptamer-Based Sensors for Detecting Plant Hormones. <i>IEEE Sensors Journal</i> , 2021, 21, 5743-5750.	4.7	10

#	ARTICLE	IF	CITATIONS
19	Detection of plant hormone abscisic acid (ABA) using an optical aptamer-based sensor with a microfluidics capillary interface. , 2017, , .		5
20	Cloning, expression and function of phosphate transporter encoded gene in <i>Oryza sativa</i> L.. <i>Science in China Series C: Life Sciences</i> , 2006, 49, 409-413.	1.3	4
21	Rapid detection of theophylline using aptamer-based nanopore thin film sensor. , 2016, , .		2
22	Assessing Global Circadian Rhythm Through Single-Time-Point Transcriptomic Analysis. <i>Methods in Molecular Biology</i> , 2021, 2328, 215-225.	0.9	1