Wei Wang

List of Publications by Year
in descending order

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	The emerging role of biomolecular condensates in plant immunity. Plant Cell, 2022, 34, 1568-1572.	6.6	10
2	The 14â€3â€3 protein GF14c positively regulates immunity by modulating the protein homoeostasis of the GRAS protein OsSCL7 in rice. Plant, Cell and Environment, 2022, 45, 1065-1081.	5.7	11
3	ALBA proteins confer thermotolerance through stabilizing HSF messenger RNAs in cytoplasmic granules. Nature Plants, 2022, 8, 778-791.	9.3	24
4	Assessing Global Circadian Rhythm Through Single-Time-Point Transcriptomic Analysis. Methods in Molecular Biology, 2021, 2328, 215-225.	0.9	1
5	Optical Aptamer-Based Sensors for Detecting Plant Hormones. IEEE Sensors Journal, 2021, 21, 5743-5750.	4.7	10
6	Structural basis of salicylic acid perception by Arabidopsis NPR proteins. Nature, 2020, 586, 311-316.	27.8	93
7	Arabidopsis GAAP1 to GAAP3 Play Redundant Role in Cell Death Inhibition by Suppressing the Upregulation of Salicylic Acid Pathway Under Endoplasmic Reticulum Stress. Frontiers in Plant Science, 2019, 10, 1032.	3.6	10
8	Development of a structure-switching aptamer-based nanosensor for salicylic acid detection. Biosensors and Bioelectronics, 2019, 140, 111342.	10.1	35
9	Comprehensive mapping of abiotic stress inputs into the soybean circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23840-23849.	7.1	49
10	An aptamer nanopore-enabled microsensor for detection of theophylline. Biosensors and Bioelectronics, 2018, 105, 36-41.	10.1	48
11	Recent Advances in Synthetic Chemical Inducers of Plant Immunity. Frontiers in Plant Science, 2018, 9, 1613.	3.6	72
12	Detection of plant hormone abscisic acid (ABA) using an optical aptamer-based sensor with a microfluidics capillary interface. , 2017, , .		5
13	Roles of Nuclear Pores and Nucleo-cytoplasmic Trafficking in Plant Stress Responses. Frontiers in Plant Science, 2017, 08, 574.	3.6	43
14	Rapid detection of theophylline using aptamer-based nanopore thin film sensor. , 2016, , .		2
15	Redox rhythm reinforces the circadian clock to gate immune response. Nature, 2015, 523, 472-476.	27.8	167
16	A Noncanonical Role for the CKI-RB-E2F Cell-Cycle Signaling Pathway in Plant Effector-Triggered Immunity. Cell Host and Microbe, 2014, 16, 787-794.	11.0	93
17	Salicylic Acid Activates DNA Damage Responses to Potentiate Plant Immunity. Molecular Cell, 2013, 52, 602-610.	9.7	126
18	NPR3 and NPR4 are receptors for the immune signal salicylic acid in plants. Nature, 2012, 486, 228-232.	27.8	834

#	Article	IF	Citations
19	The HSF-like Transcription Factor TBF1 Is a Major Molecular Switch for Plant Growth-to-Defense Transition. Current Biology, 2012, 22, 103-112.	3.9	231
20	Timing of plant immune responses by a central circadian regulator. Nature, 2011, 470, 110-114.	27.8	404
21	Al toxicity leads to enhanced cell division and changed photosynthesis in Oryza rufipogon L.. Molecular Biology Reports, 2011, 38, 4839-4846.	2.3	21
22	Cloning, expression and function of phosphate transporter encoded gene in Oryza sativa L.. Science in China Series C: Life Sciences, 2006, 49, 409-413.	1.3	4