Qian-Hua Shen

List of Publications by Year
in descending order

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30 papers	3,270 citations	430874 18 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	3884 citing authors

#	Article	IF	Citations
1	HvWRKY2 acts as an immunity suppressor and targets HvCEBiP to regulate powdery mildew resistance in barley. Crop Journal, 2023, 11, 99-107.	5.2	2
2	Introgression of the Powdery Mildew Resistance Genes Pm60 and Pm60b from Triticum urartu to Common Wheat Using Durum as a â€˜Bridgeâ€™. Pathogens, 2022, 11, 25.	2.8	10
3	Phytophthora effector PSR1 hijacks the host pre-mRNA splicing machinery to modulate small RNA biogenesis and plant immunity. Plant Cell, 2022, 34, 3443-3459.	6.6	16
4	Sugar transporter <scp>TaSTP3</scp> activation by <scp>TaWRKY19</scp>/61/82 enhances stripe rust susceptibility in wheat. New Phytologist, 2022, 236, 266-282.	7.3	14
5	The barley powdery mildew effectors CSEP0139 and CSEP0182 suppress cell death and promote B. graminis fungal virulence in plants. Phytopathology Research, 2021, 3, .	2.4	8
6	The Powdery Mildew Effector CSEP0027 Interacts With Barley Catalase to Regulate Host Immunity. Frontiers in Plant Science, 2021, 12, 733237.	3.6	16
7	The TuMYB46Lâ€‹TuACO3 module regulates ethylene biosynthesis in einkorn wheat defense to powdery mildew. New Phytologist, 2020, 225, 2526-2541.	7.3	33
8	Powdery mildew disease resistance and marker-assisted screening at the Pm60 locus in wild diploid wheat Triticum urartu. Crop Journal, 2020, 8, 252-259.	5.2	16
9	A distinct class of plant and animal viral proteins that disrupt mitosis by directly interrupting the mitotic entry switch Wee1-Cdc25-Cdk1. Science Advances, 2020, 6, eaba3418.	10.3	10
10	SnRK1 Phosphorylates and Destabilizes WRKY3 to Enhance Barley Immunity to Powdery Mildew. Plant Communications, 2020, 1, 100083.	7.7	34
11	Secretion of Phospholipase DÎ´ Functions as a Regulatory Mechanism in Plant Innate Immunity. Plant Cell, 2019, 31, 3015-3032.	6.6	55
12	The Intracellular Immune Receptor Sw-5b Confers Broad-Spectrum Resistance to Tospoviruses through Recognition of a Conserved 21-Amino Acid Viral Effector Epitope. Plant Cell, 2017, 29, 2214-2232.	6.6	77
13	An E3 Ligase Affects the NLR Receptor Stability and Immunity to Powdery Mildew. Plant Physiology, 2016, 172, 2504-2515.	4.8	30
14	E3 ubiquitin ligase gene <scp>CMPG</scp>1â€“V from Haynaldia villosa L. contributes to powdery mildew resistance in common wheat (Triticum aestivum L.). Plant Journal, 2015, 84, 154-168.	5.7	52
15	The miR9863 Family Regulates Distinct Mla Alleles in Barley to Attenuate NLR Receptor-Triggered Disease Resistance and Cell-Death Signaling. PLoS Genetics, 2014, 10, e1004755.	3.5	121
16	Proline Isomerization of the Immune Receptor-Interacting Protein RIN4 by a Cyclophilin Inhibits Effector-Triggered Immunity in Arabidopsis. Cell Host and Microbe, 2014, 16, 473-483.	11.0	48
17	Draft genome of the wheat A-genome progenitor Triticum urartu. Nature, 2013, 496, 87-90.	27.8	700
18	Partitioning, repressing and derepressing: dynamic regulations in MLA immune receptor triggered defense signaling. Frontiers in Plant Science, 2013, 4, 396.	3.6	10

#	Article	IF	Citations
19	Type I J-Domain NbMIP1 Proteins Are Required for Both Tobacco Mosaic Virus Infection and Plant Innate Immunity. PLoS Pathogens, 2013, 9, e1003659.	4.7	46
20	Barley MLA Immune Receptors Directly Interfere with Antagonistically Acting Transcription Factors to Initiate Disease Resistance Signaling Â. Plant Cell, 2013, 25, 1158-1173.	6.6	136
21	Modified Single-Cell Transient Gene Expression Assay in Barley Epidermal Cells. Bio-protocol, 2013, 3, .	0.4	0
22	Structure-Function Analysis of Barley NLR Immune Receptor MLA10 Reveals Its Cell Compartment Specific Activity in Cell Death and Disease Resistance. PLoS Pathogens, 2012, 8, e1002752.	4.7	219
23	Coiled-Coil Domain-Dependent Homodimerization of Intracellular Barley Immune Receptors Defines a Minimal Functional Module for Triggering Cell Death. Cell Host and Microbe, 2011, 9, 187-199.	11.0	269
24	Molecular analysis of common wheat genes encoding three types of cytosolic heat shock protein 90 (Hsp90): functional involvement of cytosolic Hsp90s in the control of wheat seedling growth and disease resistance. New Phytologist, 2011, 191, 418-431.	7.3	108
25	Molecular analysis of phosphomannomutase (PMM) genes reveals a unique PMM duplication event in diverse Triticeae species and the main PMM isozymes in bread wheat tissues. BMC Plant Biology, 2010, 10, 214.	3.6	18
26	Nuclear Activity of MLA Immune Receptors Links Isolate-Specific and Basal Disease-Resistance Responses. Science, 2007, 315, 1098-1103.	12.6	659
27	Rumble in the nuclear jungle: compartmentalization, trafficking, and nuclear action of plant immune receptors. EMBO Journal, 2007, 26, 4293-4301.	7.8	69
28	RAR1 Positively Controls Steady State Levels of Barley MLA Resistance Proteins and Enables Sufficient MLA6 Accumulation for Effective Resistance. Plant Cell, 2004, 16, 3480-3495.	6.6	252
29	The genetics of non-host disease resistance in wheat to barley yellow rust. Theoretical and Applied Genetics, 2004, 109, 425-432.	3.6	17
30	Recognition Specificity and RAR1/SGT1 Dependence in Barley Mla Disease Resistance Genes to the Powdery Mildew Fungus. Plant Cell, 2003, 15, 732-744.	6.6	225