# Qian-Hua Shen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6915384/publications.pdf

Version: 2024-02-01

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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 | Draft genome of the wheat A-genome progenitor Triticum urartu. Nature, 2013, 496, 87-90. | 27.8 | 700 |
| 2 | Nuclear Activity of MLA Immune Receptors Links Isolate-Specific and Basal Disease-Resistance Responses. Science, 2007, 315, 1098-1103. | 12.6 | 659 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Rumble in the nuclear jungle: compartmentalization, trafficking, and nuclear action of plant immune receptors. EMBO Journal, 2007, 26, 4293-4301. | 7.8 | 69 |
| 12 | Secretion of Phospholipase DÎ´ Functions as a Regulatory Mechanism in Plant Innate Immunity. Plant Cell, 2019, 31, 3015-3032. | 6.6 | 55 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | SnRK1 Phosphorylates and Destabilizes WRKY3 to Enhance Barley Immunity to Powdery Mildew. Plant Communications, 2020, 1, 100083. | 7.7 | 34 |
| 17 | The TuMYB46Lâ€TuACO3 module regulates ethylene biosynthesis in einkorn wheat defense to powdery mildew. New Phytologist, 2020, 225, 2526-2541. | 7.3 | 33 |
| 18 | An E3 Ligase Affects the NLR Receptor Stability and Immunity to Powdery Mildew. Plant Physiology, 2016, 172, 2504-2515. | 4.8 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | The genetics of non-host disease resistance in wheat to barley yellow rust. Theoretical and Applied Genetics, 2004, 109, 425-432. | 3.6 | 17 |
| 21 | 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 |
| 22 | The Powdery Mildew Effector CSEP0027 Interacts With Barley Catalase to Regulate Host Immunity. Frontiers in Plant Science, 2021, 12, 733237. | 3.6 | 16 |
| 23 | 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 |
| 24 | 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 |
| 25 | Partitioning, repressing and derepressing: dynamic regulations in MLA immune receptor triggered defense signaling. Frontiers in Plant Science, 2013, 4, 396. | 3.6 | 10 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Modified Single-Cell Transient Gene Expression Assay in Barley Epidermal Cells. Bio-protocol, 2013, 3, . | 0.4 | 0 |