

# Jun Guo

## List of Publications by Year in descending order

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35  
papers

1,433  
citations

471509

17  
h-index

361022

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1342  
citing authors

#	ARTICLE	IF	CITATIONS
1	A candidate effector protein PstCFEM1 contributes to virulence of stripe rust fungus and impairs wheat immunity. <i>Stress Biology</i> , 2022, 2, 1.	3.1	5
2	A serine-rich effector from the stripe rust pathogen targets a Raf-like kinase to suppress host immunity. <i>Plant Physiology</i> , 2022, 190, 762-778.	4.8	13
3	RNAi-mediated stable silencing of <i>TaCSN5</i> confers broad-spectrum resistance to <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Molecular Plant Pathology</i> , 2021, 22, 410-421.	4.2	14
4	Genome-Wide Analysis of the C2 Domain Family in Soybean and Identification of a Putative Abiotic Stress Response Gene GmC2-148. <i>Frontiers in Plant Science</i> , 2021, 12, 620544.	3.6	8
5	TaAP2-15, An AP2/ERF Transcription Factor, Is Positively Involved in Wheat Resistance to <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 2080.	4.1	19
6	Genome-Wide Analysis of the DUF4228 Family in Soybean and Functional Identification of GmDUF4228-70 in Response to Drought and Salt Stresses. <i>Frontiers in Plant Science</i> , 2021, 12, 628299.	3.6	19
7	Transcription factor BZR2 activates chitinase <i>Cht20.2</i> transcription to confer resistance to wheat stripe rust. <i>Plant Physiology</i> , 2021, 187, 2749-2762.	4.8	21
8	A stripe rust effector Pst18363 targets and stabilises TaNUDX23 that promotes stripe rust disease. <i>New Phytologist</i> , 2020, 225, 880-895.	7.3	60
9	Genome-Wide Analysis of the GRAS Gene Family and Functional Identification of GmGRAS37 in Drought and Salt Tolerance. <i>Frontiers in Plant Science</i> , 2020, 11, 604690.	3.6	52
10	TaClpS1, negatively regulates wheat resistance against <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>BMC Plant Biology</i> , 2020, 20, 555.	3.6	5
11	TaYS1A, a Yellow Stripe-Like Transporter Gene, Is Required for Wheat Resistance to <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Genes</i> , 2020, 11, 1452.	2.4	7
12	Host-Induced Silencing of <i>Fusarium graminearum</i> Genes Enhances the Resistance of <i>Brachypodium distachyon</i> to <i>Fusarium</i> Head Blight. <i>Frontiers in Plant Science</i> , 2019, 10, 1362.	3.6	19
13	Stripe Rust Effector PstGSRE1 Disrupts Nuclear Localization of ROS-Promoting Transcription Factor TaLOL2 to Defeat ROS-Induced Defense in Wheat. <i>Molecular Plant</i> , 2019, 12, 1624-1638.	8.3	98
14	BES/BZR Transcription Factor TaBZR2 Positively Regulates Drought Responses by Activation of <i>TaGST1</i> . <i>Plant Physiology</i> , 2019, 180, 605-620.	4.8	151
15	TaCIPK10 interacts with and phosphorylates TaNH2 to activate wheat defense responses to stripe rust. <i>Plant Biotechnology Journal</i> , 2019, 17, 956-968.	8.3	40
16	Host-Induced Gene Silencing: A Powerful Strategy to Control Diseases of Wheat and Barley. <i>International Journal of Molecular Sciences</i> , 2019, 20, 206.	4.1	111
17	A novel MADS-box transcription factor <i>PstMCM1</i> is responsible for full virulence of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Environmental Microbiology</i> , 2018, 20, 1452-1463.	3.8	12
18	The transcription factor <i>PstSTE12</i> is required for virulence of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 961-974.	4.2	18

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19	Host-induced gene silencing of an important pathogenicity factor <i>PsCPK1</i> in <i>Puccinia striiformis</i> f. sp. <i>tritici</i> enhances resistance of wheat to stripe rust. <i>Plant Biotechnology Journal</i> , 2018, 16, 797-807.	8.3	97
20	Corrigendum to: The calcium sensor TaCBL4 and its interacting protein TaCIPK5 are required for wheat resistance to stripe rust fungus. <i>Journal of Experimental Botany</i> , 2018, 69, 5309-5309.	4.8	5
21	Genome-Wide Identification of Cyclic Nucleotide-Gated Ion Channel Gene Family in Wheat and Functional Analyses of TaCNGC14 and TaCNGC16. <i>Frontiers in Plant Science</i> , 2018, 9, 18.	3.6	44
22	Silencing <i>PsKPP4</i> , a MAP kinase kinase kinase gene, reduces pathogenicity of the stripe rust fungus. <i>Molecular Plant Pathology</i> , 2018, 19, 2590-2602.	4.2	8
23	The calcium sensor TaCBL4 and its interacting protein TaCIPK5 are required for wheat resistance to stripe rust fungus. <i>Journal of Experimental Botany</i> , 2018, 69, 4443-4457.	4.8	49
24	Basidiospores of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> succeed to infect barberry, while Urediniospores are blocked by non-host resistance. <i>Protoplasma</i> , 2017, 254, 2237-2246.	2.1	7
25	Host-Induced Gene Silencing of the MAPKK Gene <i>PsFUZ7</i> Confers Stable Resistance to Wheat Stripe Rust. <i>Plant Physiology</i> , 2017, 175, 1853-1863.	4.8	75
26	Basidiomycete-specific <i>PsCaMKL1</i> encoding a CaMK-like protein kinase is required for full virulence of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Environmental Microbiology</i> , 2017, 19, 4177-4189.	3.8	7
27	TaDIR1-2, a Wheat Ortholog of Lipid Transfer Protein AtDIR1 Contributes to Negative Regulation of Wheat Resistance against <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 521.	3.6	29
28	TaARPC3, Contributes to Wheat Resistance against the Stripe Rust Fungus. <i>Frontiers in Plant Science</i> , 2017, 8, 1245.	3.6	46
29	TaTypA, a Ribosome-Binding GTPase Protein, Positively Regulates Wheat Resistance to the Stripe Rust Fungus. <i>Frontiers in Plant Science</i> , 2016, 7, 873.	3.6	12
30	A Novel Fungal Hyperparasite of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> , the Causal Agent of Wheat Stripe Rust. <i>PLoS ONE</i> , 2014, 9, e111484.	2.5	29
31	Wheat zinc finger protein TaLSD1, a negative regulator of programmed cell death, is involved in wheat resistance against stripe rust fungus. <i>Plant Physiology and Biochemistry</i> , 2013, 71, 164-172.	5.8	33
32	Wheat hypersensitive-induced reaction genes TaHIR1 and TaHIR3 are involved in response to stripe rust fungus infection and abiotic stresses. <i>Plant Cell Reports</i> , 2013, 32, 273-283.	5.6	40
33	High genome heterozygosity and endemic genetic recombination in the wheat stripe rust fungus. <i>Nature Communications</i> , 2013, 4, 2673.	12.8	238
34	A conidiation-related gene is highly expressed at the resting urediospore stage in <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Journal of Basic Microbiology</i> , 2013, 53, 695-702.	3.3	1
35	Molecular Characterization of a Fus3/Kss1 Type MAPK from <i>Puccinia striiformis</i> f. sp. <i>tritici</i> , PsMAPK1. <i>PLoS ONE</i> , 2011, 6, e21895.	2.5	41