Chunlei Tang

List of Publications by Year
in descending order

28 papers	1,347 citations	331670 21 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	1358 citing authors

#	Article	IF	Citations
1	Transcriptional repression of <i>TaNOX10</i> by TaWRKY19 compromises ROS generation and enhances wheat susceptibility to stripe rust. Plant Cell, 2022, 34, 1784-1803.	6.6	37
2	A rust fungus effector directly binds plant preâ€mRNA splice site to reprogram alternative splicing and suppress host immunity. Plant Biotechnology Journal, 2022, 20, 1167-1181.	8.3	29
3	Inactivation of a wheat protein kinase gene confers broad-spectrum resistance to rust fungi. Cell, 2022, 185, 2961-2974.e19.	28.9	74
4	Two stripe rust effectors impair wheat resistance by suppressing import of host Feâ€“S protein into chloroplasts. Plant Physiology, 2021, 187, 2530-2543.	4.8	28
5	Haustoria â€“ arsenals during the interaction between wheat and <i>Puccinia striiformis</i> f. sp. <i>tritici</i>. Molecular Plant Pathology, 2020, 21, 83-94.	4.2	34
6	Identification of a Hyperparasitic Simplicillium obclavatum Strain Affecting the Infection Dynamics of Puccinia striiformis f. sp. tritici on Wheat. Frontiers in Microbiology, 2020, 11, 1277.	3.5	9
7	A polysaccharide deacetylase from <i>Puccinia striiformis</i> f. sp<i>. tritici</i> is an important pathogenicity gene that suppresses plant immunity. Plant Biotechnology Journal, 2020, 18, 1830-1842.	8.3	34
8	PsRPs26, a 40S Ribosomal Protein Subunit, Regulates the Growth and Pathogenicity of Puccinia striiformis f. sp. Tritici. Frontiers in Microbiology, 2019, 10, 968.	3.5	6
9	An effector protein of the wheat stripe rust fungus targets chloroplasts and suppresses chloroplast function. Nature Communications, 2019, 10, 5571.	12.8	129
10	Understanding the lifestyles and pathogenicity mechanisms of obligate biotrophic fungi in wheat: The emerging genomics era. Crop Journal, 2018, 6, 60-67.	5.2	28
11	Candidate Effector Pst_8713 Impairs the Plant Immunity and Contributes to Virulence of Puccinia striiformis f. sp. tritici. Frontiers in Plant Science, 2018, 9, 1294.	3.6	45
12	Wheat Gene TaATG8j Contributes to Stripe Rust Resistance. International Journal of Molecular Sciences, 2018, 19, 1666.	4.1	12
13	Wheat-Puccinia striiformis Interactions. , 2017, , 155-282.		7
14	TaMCA1, a regulator of cell death, is important for the interaction between wheat and Puccinia striiformis. Scientific Reports, 2016, 6, 26946.	3.3	15
15	PsANT, the adenine nucleotide translocase of Puccinia striiformis, promotes cell death and fungal growth. Scientific Reports, 2015, 5, 11241.	3.3	21
16	TaADF3, an Actin-Depolymerizing Factor, Negatively Modulates Wheat Resistance Against Puccinia striiformis. Frontiers in Plant Science, 2015, 6, 1214.	3.6	41
17	New insights in the battle between wheat and Puccinia striiformis. Frontiers of Agricultural Science and Engineering, 2015, 2, 101.	1.4	7
18	TaADF7, an actinâ€depolymerizing factor, contributes to wheat resistance against <i>Puccinia striiformis</i>Âf.Âsp. <i>tritici</i>. Plant Journal, 2014, 78, 16-30.	5.7	79

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19	<scp><i>Ta</i>EIL1</scp>, a wheat homologue of <scp><i>At</i>EIN3</scp>, acts as a negative regulator in the wheatâ€“stripe rust fungus interaction. Molecular Plant Pathology, 2013, 14, 728-739.	4.2	32
20	High genome heterozygosity and endemic genetic recombination in the wheat stripe rust fungus. Nature Communications, 2013, 4, 2673.	12.8	238
21	Functions of the lethal leaf-spot 1 gene in wheat cell death and disease tolerance to Puccinia striiformis. Journal of Experimental Botany, 2013, 64, 2955-2969.	4.8	26
22	Wheat BAX inhibitor-1 contributes to wheat resistance to Puccinia striiformis. Journal of Experimental Botany, 2012, 63, 4571-4584.	4.8	60
23	<i>TaMCA4</i>, a Novel Wheat Metacaspase Gene Functions in Programmed Cell Death Induced by the Fungal Pathogen <i>Puccinia striiformis</i> f. sp. <i>tritici</i>. Molecular Plant-Microbe Interactions, 2012, 25, 755-764.	2.6	67
24	<i>TaDAD2</i>, a Negative Regulator of Programmed Cell Death, Is Important for the Interaction Between Wheat and the Stripe Rust Fungus. Molecular Plant-Microbe Interactions, 2011, 24, 79-90.	2.6	37
25	Differential gene expression in incompatible interaction between wheat and stripe rust fungus revealed by cDNA-AFLP and comparison to compatible interaction. BMC Plant Biology, 2010, 10, 9.	3.6	81
26	Characterization of a pathogenesis-related thaumatin-like protein gene<i>TaPR5</i>from wheat induced by stripe rust fungus. Physiologia Plantarum, 2010, 139, 27-38.	5.2	76
27	cDNA-AFLP analysis reveals differential gene expression in compatible interaction of wheat challenged with Puccinia striiformis f. sp. tritici. BMC Genomics, 2009, 10, 289.	2.8	81
28	Detection of <i>Puccinia striiformis</i> in Latently Infected Wheat Leaves by Nested Polymerase Chain Reaction. Journal of Phytopathology, 2009, 157, 490-493.	1.0	13