

Zhengyi Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1729442/publications.pdf>

Version: 2024-02-01

25
papers

778
citations

471509

17
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Eight RGS and RGS-like Proteins Orchestrate Growth, Differentiation, and Pathogenicity of <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2011, 7, e1002450.	4.7	131
2	Genome-wide functional analysis reveals that autophagy is necessary for growth, sporulation, deoxynivalenol production and virulence in <i>Fusarium graminearum</i> . <i>Scientific Reports</i> , 2017, 7, 11062.	3.3	69
3	Two Novel Transcriptional Regulators Are Essential for Infection-related Morphogenesis and Pathogenicity of the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2011, 7, e1002385.	4.7	68
4	The phyllosphere microbiome shifts toward combating melanose pathogen. <i>Microbiome</i> , 2022, 10, 56.	11.1	54
5	The MET13 Methylene tetrahydrofolate Reductase Gene Is Essential for Infection-Related Morphogenesis in the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>PLoS ONE</i> , 2013, 8, e76914.	2.5	43
6	A Type 2C Protein Phosphatase FgPtc3 Is Involved in Cell Wall Integrity, Lipid Metabolism, and Virulence in <i>Fusarium graminearum</i> . <i>PLoS ONE</i> , 2011, 6, e25311.	2.5	42
7	<i>ZNF1</i> Encodes a Putative C2H2 Zinc-Finger Protein Essential for Appressorium Differentiation by the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 22-35.	2.6	38
8	Host-Induced Gene Silencing of Rice Blast Fungus <i>Magnaporthe oryzae</i> Pathogenicity Genes Mediated by the Brome Mosaic Virus. <i>Genes</i> , 2017, 8, 241.	2.4	36
9	Characterization of <i>MoLDB1</i> Required for Vegetative Growth, Infection-Related Morphogenesis, and Pathogenicity in the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1260-1274.	2.6	35
10	Threonine deaminase Mollv1 is important for conidiogenesis and pathogenesis in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Fungal Genetics and Biology</i> , 2014, 73, 53-60.	2.1	27
11	Overexpression of PvCO1, a bamboo CONSTANS-LIKE gene, delays flowering by reducing expression of the FT gene in transgenic Arabidopsis. <i>BMC Plant Biology</i> , 2018, 18, 232.	3.6	27
12	Cystathionine gamma-synthase is essential for methionine biosynthesis in <i>Fusarium graminearum</i> . <i>Fungal Biology</i> , 2013, 117, 13-21.	2.5	26
13	Identification and characterization of the peroxin 1 gene MoPEX1 required for infection-related morphogenesis and pathogenicity in <i>Magnaporthe oryzae</i> . <i>Scientific Reports</i> , 2016, 6, 36292.	3.3	22
14	Cytological studies on the infection of rice root by <i>Ustilaginoidea virens</i> . <i>Microscopy Research and Technique</i> , 2018, 81, 389-396.	2.2	22
15	Leucine biosynthesis is required for infection-related morphogenesis and pathogenicity in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Current Genetics</i> , 2020, 66, 155-171.	1.7	22
16	Characterisation of Four LIM Protein-Encoding Genes Involved in Infection-Related Development and Pathogenicity by the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>PLoS ONE</i> , 2014, 9, e88246.	2.5	20
17	The putative G $\hat{1}$ ³ subunit gene MGG1 is required for conidiation, appressorium formation, mating and pathogenicity in <i>Magnaporthe oryzae</i> . <i>Current Genetics</i> , 2015, 61, 641-651.	1.7	20
18	A G $\hat{1}$ ³ subunit promoter T-DNA insertion mutant A1-412 of <i>Magnaporthe grisea</i> is defective in appressorium formation, penetration and pathogenicity. <i>Science Bulletin</i> , 2006, 51, 2214-2218.	1.7	14

#	ARTICLE	IF	CITATIONS
19	The cyclin dependent kinase subunit Cks1 is required for infection-associated development of the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Environmental Microbiology</i> , 2017, 19, 3959-3981.	3.8	13
20	The putative deubiquitinating enzyme MoUbp4 is required for infection-related morphogenesis and pathogenicity in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Current Genetics</i> , 2020, 66, 561-576.	1.7	13
21	The sorting nexin FgAtg20 is involved in the Cvt pathway, non-selective macroautophagy, pexophagy and pathogenesis in <i>Fusarium graminearum</i> . <i>Cellular Microbiology</i> , 2020, 22, e13208.	2.1	11
22	Overexpression of PvGF14c from <i>Phyllostachys violascens</i> Delays Flowering Time in Transgenic <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 105.	3.6	10
23	The putative histone-like transcription factor FgHltf1 is required for vegetative growth, sexual reproduction, and virulence in <i>Fusarium graminearum</i> . <i>Current Genetics</i> , 2019, 65, 981-994.	1.7	9
24	FgRIC8 is involved in regulating vegetative growth, conidiation, deoxynivalenol production and virulence in <i>Fusarium graminearum</i> . <i>Fungal Genetics and Biology</i> , 2015, 83, 92-102.	2.1	4
25	A putative PKA phosphorylation site S227 in MoSom1 is essential for infection-related morphogenesis and pathogenicity in <i>Magnaporthe oryzae</i> . <i>Cellular Microbiology</i> , 2021, 23, e13370.	2.1	2