

Zhengguang Zhang

List of Publications by Year in descending order

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118
papers

5,785
citations

71102

41
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88630

70
g-index

125
all docs

125
docs citations

125
times ranked

4314
citing authors

#	ARTICLE	IF	CITATIONS
1	A double-edged sword: reactive oxygen species (ROS) during the rice blast fungus and host interaction. <i>FEBS Journal</i> , 2022, 289, 5505-5515.	4.7	22
2	MoErV29 promotes apoplastic effector secretion contributing to virulence of the rice blast fungus <i>Magnaporthe oryzae</i> . <i>New Phytologist</i> , 2022, 233, 1289-1302.	7.3	29
3	Gene deletion and constitutive expression of the pectate lyase gene 1 (MoPL1) lead to diminished virulence of <i>Magnaporthe oryzae</i> . <i>Journal of Microbiology</i> , 2022, 60, 79-88.	2.8	9
4	Molug4 is a novel secreted effector promoting rice blast by counteracting host OsAHL1-regulated ethylene gene transcription. <i>New Phytologist</i> , 2022, 235, 1163-1178.	7.3	7
5	Homeostasis of cell wall integrity pathway phosphorylation is required for the growth and pathogenicity of <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2022, 23, 1214-1225.	4.2	5
6	Co-evolved plant and blast fungus ascorbate oxidases orchestrate the redox state of host apoplast to modulate rice immunity. <i>Molecular Plant</i> , 2022, 15, 1347-1366.	8.3	17
7	Transcription factor <i>MoMsn2</i> targets the putative 3-methylglutaconyl-CoA hydratase-encoding gene <i>MoAUH1</i> to govern infectious growth via mitochondrial fusion/fission balance in <i>Magnaporthe oryzae</i> . <i>Environmental Microbiology</i> , 2021, 23, 774-790.	3.8	9
8	Phosphatase-associated protein <i>MoTip41</i> interacts with the phosphatase <i>MoPpe1</i> to mediate crosstalk between TOR and cell wall integrity signalling during infection by the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Environmental Microbiology</i> , 2021, 23, 791-809.	3.8	18
9	Evaluation of Coal Body Structures and Their Distributions by Geophysical Logging Methods: Case Study in the Laochang Block, Eastern Yunnan, China. <i>Natural Resources Research</i> , 2021, 30, 2225-2239.	4.7	32
10	Auxilin-like protein <i>MoSwa2</i> promotes effector secretion and virulence as a clathrin uncoating factor in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>New Phytologist</i> , 2021, 230, 720-736.	7.3	33
11	The N-terminus of an <i>Ustilaginoidea virens</i> Ser-Thr-rich glycosylphosphatidylinositol-anchored protein elicits plant immunity as a MAMP. <i>Nature Communications</i> , 2021, 12, 2451.	12.8	25
12	The rice blast fungus <i>MoRgs1</i> functioning in cAMP signaling and pathogenicity is regulated by casein kinase <i>MoCk2</i> phosphorylation and modulated by membrane protein <i>MoEmc2</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009657.	4.7	22
13	Distribution Characteristics of In Situ Stress Field and Vertical Development Unit Division of CBM in Western Guizhou, China. <i>Natural Resources Research</i> , 2021, 30, 3659-3671.	4.7	19
14	Transcription factor <i>UvMsn2</i> is important for vegetative growth, conidiogenesis, stress response, mitochondrial morphology and pathogenicity in the rice false smut fungus <i>Ustilaginoidea virens</i> . <i>Phytopathology Research</i> , 2021, 3, .	2.4	8
15	<i>Pyricularia sp. jiangsuensis</i> , a new cryptic rice panicle blast pathogen from rice fields in Jiangsu Province, China. <i>Environmental Microbiology</i> , 2021, 23, 5463-5480.	3.8	1
16	Balancing of the mitotic exit network and cell wall integrity signaling governs the development and pathogenicity in <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009080.	4.7	24
17	The Peroxisomal-CoA Synthetase <i>MoPcs60</i> Is Important for Fatty Acid Metabolism and Infectious Growth of the Rice Blast Fungus. <i>Frontiers in Plant Science</i> , 2021, 12, 811041.	3.6	6
18	Shedding light on autophagy coordinating with cell wall integrity signaling to govern pathogenicity of <i>Magnaporthe oryzae</i> . <i>Autophagy</i> , 2020, 16, 900-916.	9.1	72

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19	Pore Structure Characteristics of Coal and Their Geological Controlling Factors in Eastern Yunnan and Western Guizhou, China. <i>ACS Omega</i> , 2020, 5, 19565-19578.	3.5	34
20	Transcriptomic Analysis of Extracellular RNA Governed by the Endocytic Adaptor Protein Cin1 of <i>Cryptococcus deoneformans</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 256.	3.9	12
21	MicroRNA-like milR236, regulated by transcription factor MoMsn2, targets histone acetyltransferase MoHat1 to play a role in appressorium formation and virulence of the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Fungal Genetics and Biology</i> , 2020, 137, 103349.	2.1	11
22	<i>Magnaporthe oryzae</i> Auxiliary Activity Protein MoAa91 Functions as Chitin-Binding Protein To Induce Appressorium Formation on Artificial Inductive Surfaces and Suppress Plant Immunity. <i>MBio</i> , 2020, 11, .	4.1	38
23	A self-balancing circuit centered on MoOsm1 kinase governs adaptive responses to host-derived ROS in <i>Magnaporthe oryzae</i> . <i>ELife</i> , 2020, 9, .	6.0	47
24	Pleiotropic roles of O-mannosyltransferase MoPmt4 in development and pathogenicity of <i>Magnaporthe oryzae</i> . <i>Current Genetics</i> , 2019, 65, 223-239.	1.7	43
25	Phosphorylation-guarded light-harvesting complex II contributes to broad-spectrum blast resistance in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17572-17577.	7.1	68
26	Segmentation of multi-coal seam pore structure in single well profile and its sedimentary control: a case study of Well Y1 in Panguan syncline, western Guizhou, China. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	9
27	The inhibitor of apoptosis protein MoBir1 is involved in the suppression of hydrogen peroxide-induced fungal cell death, reactive oxygen species generation, and pathogenicity of rice blast fungus. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6617-6627.	3.6	8
28	The adenylate cyclase UvAc1 and phosphodiesterase UvPdeH control the intracellular cAMP level, development, and pathogenicity of the rice false smut fungus <i>Ustilagoidea virens</i> . <i>Fungal Genetics and Biology</i> , 2019, 129, 65-73.	2.1	36
29	A novel outer membrane Î ² -1,6-glucanase is deployed in the predation of fungi by myxobacteria. <i>ISME Journal</i> , 2019, 13, 2223-2235.	9.8	57
30	The seven transmembrane domain protein MoRgs7 functions in surface perception and undergoes coronin MoCrn1-dependent endocytosis in complex with GÎ± subunit MoMagA to promote cAMP signaling and appressorium formation in <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007382.	4.7	28
31	Histone acetyltransferase MoHat1 acetylates autophagy-related proteins MoAtg3 and MoAtg9 to orchestrate functional appressorium formation and pathogenicity in <i>Magnaporthe oryzae</i> . <i>Autophagy</i> , 2019, 15, 1234-1257.	9.1	69
32	System-Wide Characterization of MoArf GTPase Family Proteins and Adaptor Protein MoGga1 Involved in the Development and Pathogenicity of <i>Magnaporthe oryzae</i> . <i>MBio</i> , 2019, 10, .	4.1	14
33	Characterization of the Papain-Like Protease p29 of the Hypovirus CHV1-CN280 in Its Natural Host Fungus <i>Cryphonectria parasitica</i> and Nonhost Fungus <i>Magnaporthe oryzae</i> . <i>Phytopathology</i> , 2019, 109, 736-747.	2.2	5
34	Molmd4 mediates crosstalk between MoPdeH-cAMP signalling and purine metabolism to govern growth and pathogenicity in <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2019, 20, 500-518.	4.2	11
35	<i>Magnaporthe oryzae</i> Abp1, a MoArk1 Kinase-Interacting Actin Binding Protein, Links Actin Cytoskeleton Regulation to Growth, Endocytosis, and Pathogenesis. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 437-451.	2.6	11
36	Abscisic Acid Inhibits Rice Protein Phosphatase PP45 via H ₂ O ₂ and Relieves Repression of the Ca ²⁺ /CaM-Dependent Protein Kinase DMI3. <i>Plant Cell</i> , 2019, 31, 128-152.	6.6	64

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37	Endocytosis Detection in <i>Magnaporthe oryzae</i> . <i>Bio-protocol</i> , 2019, 9, e3322.	0.4	0
38	A subunit of the HOPS endocytic tethering complex, FgVps41, is important for fungal development and plant infection in <i>Fusarium graminearum</i> . <i>Environmental Microbiology</i> , 2018, 20, 1436-1451.	3.8	22
39	Comparative genome-wide analysis of extracellular small RNAs from the mucormycosis pathogen <i>Rhizopus delemar</i> . <i>Scientific Reports</i> , 2018, 8, 5243.	3.3	38
40	Disruption of actin motor function due to MoMyo5 mutation impairs host penetration and pathogenicity in <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 689-699.	4.2	13
41	New findings on phosphodiesterases, MoPdeH and MoPdeL, in <i>Magnaporthe oryzae</i> revealed by structural analysis. <i>Molecular Plant Pathology</i> , 2018, 19, 1061-1074.	4.2	8
42	MoPpe1 partners with MoSap1 to mediate TOR and cell wall integrity signalling in growth and pathogenicity of the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Environmental Microbiology</i> , 2018, 20, 3964-3979.	3.8	35
43	Functional analysis of MoSnf7 in <i>Magnaporthe oryzae</i> . <i>Fungal Genetics and Biology</i> , 2018, 121, 29-45.	2.1	10
44	MoYvh1 subverts rice defense through functions of ribosomal protein MoMrt4 in <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2018, 14, e1007016.	4.7	32
45	A 2-year field trial reveals no significant effects of GM high-methionine soybean on the rhizosphere bacterial communities. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 113.	3.6	10
46	MoMip11, a MoRgs7-interacting protein, functions as a scaffolding protein to regulate cAMP signaling and pathogenicity in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Environmental Microbiology</i> , 2018, 20, 3168-3185.	3.8	16
47	Heat-Shock Proteins MoSsb1, MoSsz1, and MoZuo1 Attenuate MoMkk1-Mediated Cell-Wall Integrity Signaling and Are Important for Growth and Pathogenicity of <i>Magnaporthe oryzae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 1211-1221.	2.6	42
48	The FgVps39-FgVam7-FgSso1 Complex Mediates Vesicle Trafficking and Is Important for the Development and Virulence of <i>Fusarium graminearum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 410-422.	2.6	38
49	MoVrp1, a putative verprolin protein, is required for asexual development and infection in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Scientific Reports</i> , 2017, 7, 41148.	3.3	13
50	The ArfGAP protein MoGlo3 regulates the development and pathogenicity of <i>Magnaporthe oryzae</i> . <i>Environmental Microbiology</i> , 2017, 19, 3982-3996.	3.8	18
51	A class-II myosin is required for growth, conidiation, cell wall integrity and pathogenicity of <i>Magnaporthe oryzae</i> . <i>Virulence</i> , 2017, 8, 1335-1354.	4.4	21
52	Antifungal potential of <i>Corallococcus</i> sp. strain EGB against plant pathogenic fungi. <i>Biological Control</i> , 2017, 110, 10-17.	3.0	27
53	An oomycete plant pathogen reprograms host pre-mRNA splicing to subvert immunity. <i>Nature Communications</i> , 2017, 8, 2051.	12.8	84
54	MoYcp4 is required for growth, conidiogenesis and pathogenicity in <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 1001-1011.	4.2	13

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55	The thioredoxin MoTrx2 protein mediates reactive oxygen species (ROS) balance and controls pathogenicity as a target of the transcription factor MoAP1 in <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 1199-1209.	4.2	37
56	Activation of ethylene signaling pathways enhances disease resistance by regulating ROS and phytoalexin production in rice. <i>Plant Journal</i> , 2017, 89, 338-353.	5.7	152
57	The Atypical Guanylate Kinase MoGuk2 Plays Important Roles in Asexual/Sexual Development, Conidial Septation, and Pathogenicity in the Rice Blast Fungus. <i>Frontiers in Microbiology</i> , 2017, 8, 2467.	3.5	11
58	MoCAP proteins regulated by MoArk1-mediated phosphorylation coordinate endocytosis and actin dynamics to govern development and virulence of <i>Magnaporthe oryzae</i> . <i>PLoS Genetics</i> , 2017, 13, e1006814.	3.5	46
59	Comparative proteomic analysis of Gib2 validating its adaptor function in <i>Cryptococcus neoformans</i> . <i>PLoS ONE</i> , 2017, 12, e0180243.	2.5	7
60	MoEnd3 regulates appressorium formation and virulence through mediating endocytosis in rice blast fungus <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006449.	4.7	81
61	Chitin Extraction and Content Measurement in <i>Magnaporthe oryzae</i> . <i>Bio-protocol</i> , 2017, 7, e2164.	0.4	1
62	Carbamoyl Phosphate Synthetase Subunit MoCpa2 Affects Development and Pathogenicity by Modulating Arginine Biosynthesis in <i>Magnaporthe oryzae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 2023.	3.5	18
63	Phosphodiesterase MoPdeH targets MoMck1 of the conserved mitogen-activated protein (MAP) kinase signalling pathway to regulate cell wall integrity in rice blast fungus <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2016, 17, 654-668.	4.2	59
64	The <i>Magnaporthe grisea</i> species complex and plant pathogenesis. <i>Molecular Plant Pathology</i> , 2016, 17, 796-804.	4.2	100
65	The syntaxin protein (MoSyn8) mediates intracellular trafficking to regulate conidiogenesis and pathogenicity of rice blast fungus. <i>New Phytologist</i> , 2016, 209, 1655-1667.	7.3	87
66	Sequencing of the Litchi Downy Blight Pathogen Reveals It Is a <i>Phytophthora</i> Species With Downy Mildew-Like Characteristics. <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 573-583.	2.6	73
67	FgMon1, a guanine nucleotide exchange factor of FgRab7, is important for vacuole fusion, autophagy and plant infection in <i>Fusarium graminearum</i> . <i>Scientific Reports</i> , 2016, 5, 18101.	3.3	57
68	The Putative Protein Phosphatase MoYvh1 Functions Upstream of MoPdeH to Regulate the Development and Pathogenicity in <i>Magnaporthe oryzae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 496-507.	2.6	49
69	Consistent responses of the microbial community structure to organic farming along the middle and lower reaches of the Yangtze River. <i>Scientific Reports</i> , 2016, 6, 35046.	3.3	86
70	Orotate phosphoribosyl transferase MoPyr5 is involved in uridine 5'-phosphate synthesis and pathogenesis of <i>Magnaporthe oryzae</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 3655-3666.	3.6	9
71	Genome plasticity in filamentous plant pathogens contributes to the emergence of novel effectors and their cellular processes in the host. <i>Current Genetics</i> , 2016, 62, 47-51.	1.7	9
72	MADS1, a novel MADS-box protein, is involved in the response of <i>Nicotiana benthamiana</i> to bacterial harpin _{Xoo} . <i>Journal of Experimental Botany</i> , 2016, 67, 131-141.	4.8	41

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73	SNARE protein FgVam7 controls growth, asexual and sexual development, and plant infection in <i>Fusarium graminearum</i> . <i>Molecular Plant Pathology</i> , 2016, 17, 108-119.	4.2	45
74	Glycoside Hydrolase MoGls2 Controls Asexual/Sexual Development, Cell Wall Integrity and Infectious Growth in the Rice Blast Fungus. <i>PLoS ONE</i> , 2016, 11, e0162243.	2.5	21
75	MoDnm1 Dynamin Mediating Peroxisomal and Mitochondrial Fission in Complex with MoFis1 and MoMdv1 Is Important for Development of Functional Appressorium in <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2016, 12, e1005823.	4.7	62
76	MoTup1 is required for growth, conidiogenesis and pathogenicity of <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2015, 16, 799-810.	4.2	30
77	Global Genome and Transcriptome Analyses of <i>Magnaporthe oryzae</i> Epidemic Isolate 98-06 Uncover Novel Effectors and Pathogenicity-Related Genes, Revealing Gene Gain and Lose Dynamics in Genome Evolution. <i>PLoS Pathogens</i> , 2015, 11, e1004801.	4.7	148
78	A <i>Phytophthora sojae</i> Glycoside Hydrolase 12 Protein Is a Major Virulence Factor during Soybean Infection and Is Recognized as a PAMP. <i>Plant Cell</i> , 2015, 27, 2057-2072.	6.6	335
79	MoMyb1 is required for asexual development and tissue-specific infection in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>BMC Microbiology</i> , 2015, 15, 37.	3.3	21
80	Repression of microRNA biogenesis by silencing of OsDCL1 activates the basal resistance to <i>Magnaporthe oryzae</i> in rice. <i>Plant Science</i> , 2015, 237, 24-32.	3.6	51
81	The putative G β 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
82	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
83	System-wide characterization of bZIP transcription factor proteins involved in infection-related morphogenesis of <i>Magnaporthe oryzae</i> . <i>Environmental Microbiology</i> , 2015, 17, 1377-1396.	3.8	95
84	Community Structure of Arbuscular Mycorrhizal Fungi in Rhizospheric Soil of a Transgenic High-Methionine Soybean and a Near Isogenic Variety. <i>PLoS ONE</i> , 2015, 10, e0145001.	2.5	18
85	Comparison of the Rhizosphere Bacterial Communities of Zigongdongdou Soybean and a High-Methionine Transgenic Line of This Cultivar. <i>PLoS ONE</i> , 2014, 9, e103343.	2.5	55
86	Noncanonical G β 2 Gib2 Is a Scaffolding Protein Promoting cAMP Signaling through Functions of Ras1 and Cac1 Proteins in <i>Cryptococcus neoformans</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 12202-12216.	3.4	18
87	Pleiotropic Function of the Putative Zinc-Finger Protein MoMsn2 in <i>Magnaporthe oryzae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 446-460.	2.6	56
88	ALY proteins participate in multifaceted Nep1Mo-triggered responses in <i>Nicotiana benthamiana</i> and <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2014, 65, 2483-2494.	4.8	23
89	Shared and distinct functions of two GTP-binding P α 2 family proteins in growth, morphogenesis and pathogenicity of <i>Magnaporthe oryzae</i> . <i>Environmental Microbiology</i> , 2014, 16, 788-801.	3.8	36
90	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

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91	A Ric8/Synembryn Homolog Promotes Gpa1 and Gpa2 Activation To Respectively Regulate Cyclic AMP and Pheromone Signaling in <i>Cryptococcus neoformans</i> . <i>Eukaryotic Cell</i> , 2014, 13, 1290-1299.	3.4	19
92	MoLys2 is necessary for growth, conidiogenesis, lysine biosynthesis, and pathogenicity in <i>Magnaporthe oryzae</i> . <i>Fungal Genetics and Biology</i> , 2014, 67, 51-57.	2.1	36
93	Comparative proteomic analyses reveal that the regulators of G-protein signaling proteins regulate amino acid metabolism of the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Proteomics</i> , 2014, 14, 2508-2522.	2.2	23
94	The actin-regulating kinase homologue MoArk1 plays a pleiotropic function in <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2013, 14, 470-482.	4.2	46
95	Acetolactate synthases Mollv2 and Mollv6 are required for infection-related morphogenesis in <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2013, 14, 870-884.	4.2	53
96	The role of G-proteins in plant immunity. <i>Plant Signaling and Behavior</i> , 2012, 7, 1284-1288.	2.4	42
97	The <i>Nicotiana benthamiana</i> Mitogen-Activated Protein Kinase Cascade and WRKY Transcription Factor Participate in Nep1-Mo-Triggered Plant Responses. <i>Molecular Plant-Microbe Interactions</i> , 2012, 25, 1639-1653.	2.6	43
98	Silencing of G proteins uncovers diversified plant responses when challenged by three elicitors in <i>Nicotiana benthamiana</i> . <i>Plant, Cell and Environment</i> , 2012, 35, 72-85.	5.7	36
99	MoSwi6, an APSES family transcription factor, interacts with MoMps1 and is required for hyphal and conidial morphogenesis, appressorial function and pathogenicity of <i>Magnaporthe oryzae</i> . <i>Molecular Plant Pathology</i> , 2012, 13, 677-689.	4.2	108
100	MoVam7, a Conserved SNARE Involved in Vacuole Assembly, Is Required for Growth, Endocytosis, ROS Accumulation, and Pathogenesis of <i>Magnaporthe oryzae</i> . <i>PLoS ONE</i> , 2011, 6, e16439.	2.5	101
101	Two Phosphodiesterase Genes, PDEL and PDEH, Regulate Development and Pathogenicity by Modulating Intracellular Cyclic AMP Levels in <i>Magnaporthe oryzae</i> . <i>PLoS ONE</i> , 2011, 6, e17241.	2.5	83
102	Transcriptional Programming and Functional Interactions within the <i>Phytophthora sojae</i> RXLR Effector Repertoire. <i>Plant Cell</i> , 2011, 23, 2064-2086.	6.6	455
103	The bZIP Transcription Factor MoAP1 Mediates the Oxidative Stress Response and Is Critical for Pathogenicity of the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2011, 7, e1001302.	4.7	266
104	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
105	The Function of MoGlk1 in Integration of Glucose and Ammonium Utilization in <i>Magnaporthe oryzae</i> . <i>PLoS ONE</i> , 2011, 6, e22809.	2.5	16
106	The Basic Leucine Zipper Transcription Factor Moatf1 Mediates Oxidative Stress Responses and Is Necessary for Full Virulence of the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1053-1068.	2.6	156
107	Distribution, Pathotypes, and Metalaxyl Sensitivity of <i>Phytophthora sojae</i> from Heilongjiang and Fujian Provinces in China. <i>Plant Disease</i> , 2010, 94, 881-884.	1.4	50
108	A two-component histidine kinase, MoSLN1, is required for cell wall integrity and pathogenicity of the rice blast fungus, <i>Magnaporthe oryzae</i> . <i>Current Genetics</i> , 2010, 56, 517-528.	1.7	102

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109	R-SNARE Homolog MoSec22 Is Required for Conidiogenesis, Cell Wall Integrity, and Pathogenesis of <i>Magnaporthe oryzae</i> . PLoS ONE, 2010, 5, e13193.	2.5	78
110	The role of vacuolar processing enzymes in plant immunity. <i>Plant Signaling and Behavior</i> , 2010, 5, 1565-1567.	2.4	19
111	The role of vacuolar processing enzyme (VPE) from <i>Nicotiana benthamiana</i> in the elicitor-triggered hypersensitive response and stomatal closure. <i>Journal of Experimental Botany</i> , 2010, 61, 3799-3812.	4.8	76
112	The <i>Magnaporthe oryzae</i> Avirulence Gene <i>AvrPiz-t</i> Encodes a Predicted Secreted Protein That Triggers the Immunity in Rice Mediated by the Blast Resistance Gene <i>Piz-t</i> . <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 411-420.	2.6	240
113	The role of respiratory burst oxidase homologues in elicitor-induced stomatal closure and hypersensitive response in <i>Nicotiana benthamiana</i> . <i>Journal of Experimental Botany</i> , 2009, 60, 3109-3122.	4.8	88
114	<i>MgCRZ1</i> , a transcription factor of <i>Magnaporthe grisea</i> , controls growth, development and is involved in full virulence. <i>FEMS Microbiology Letters</i> , 2009, 293, 160-169.	1.8	102
115	The LCB ₂ subunit of the sphingolip biosynthesis enzyme serine palmitoyltransferase can function as an attenuator of the hypersensitive response and Bax-induced cell death. <i>New Phytologist</i> , 2009, 181, 127-146.	7.3	32
116	Mammalian pro-apoptotic bax gene enhances tobacco resistance to pathogens. <i>Plant Cell Reports</i> , 2008, 27, 1559-1569.	5.6	11
117	Cloning of genes encoding nonhost hypersensitive response-inducing elicitors from <i>Phytophthora boehmeriae</i> . <i>Science Bulletin</i> , 2007, 52, 231-237.	1.7	2
118	<i>Phytophthora</i> elicitor PB90 induced apoptosis in suspension cultures of tobacco. <i>Science Bulletin</i> , 2005, 50, 435-439.	1.7	10