

Wenjun Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,107
citations

516710

16
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

1310
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant Pathogenic Fungi. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	187
2	A Secretory Protein of Necrotrophic Fungus <i>Sclerotinia sclerotiorum</i> That Suppresses Host Resistance. <i>PLoS ONE</i> , 2013, 8, e53901.	2.5	157
3	BcXYG1, a Secreted Xyloglucanase from <i>Botrytis cinerea</i> , Triggers Both Cell Death and Plant Immune Responses. <i>Plant Physiology</i> , 2017, 175, 438-456.	4.8	102
4	Characterization and antioxidant activities of degraded polysaccharides from <i>Poria cocos sclerotium</i> . <i>Carbohydrate Polymers</i> , 2014, 105, 121-126.	10.2	72
5	BcCFEM1, a CFEM Domain-Containing Protein with Putative GPI-Anchored Site, Is Involved in Pathogenicity, Conidial Production, and Stress Tolerance in <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1807.	3.5	66
6	Histone Deacetylase AtSRT1 Links Metabolic Flux and Stress Response in Arabidopsis. <i>Molecular Plant</i> , 2017, 10, 1510-1522.	8.3	61
7	SsRhs1, a secretory Rhs repeat-containing protein, is required for the virulence of <i>Sclerotinia sclerotiorum</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 1052-1061.	4.2	59
8	<i>Colletotrichum higginsianum</i> Mitogen-Activated Protein Kinase ChMK1: Role in Growth, Cell Wall Integrity, Colony Melanization, and Pathogenicity. <i>Frontiers in Microbiology</i> , 2016, 7, 1212.	3.5	50
9	The <i>Botrytis cinerea</i> Crh1 transglycosylase is a cytoplasmic effector triggering plant cell death and defense response. <i>Nature Communications</i> , 2021, 12, 2166.	12.8	47
10	Nox Complex signal and MAPK cascade pathway are cross-linked and essential for pathogenicity and conidiation of mycoparasite <i>Coniothyrium minitans</i> . <i>Scientific Reports</i> , 2016, 6, 24325.	3.3	41
11	The cAMP-PKA Signaling Pathway Regulates Pathogenicity, Hyphal Growth, Appressorial Formation, Conidiation, and Stress Tolerance in <i>Colletotrichum higginsianum</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1416.	3.5	32
12	Resource investigation of traditional medicinal plant <i>Panax japonicus</i> (T.Nees) C.A. Mey and its varieties in China. <i>Journal of Ethnopharmacology</i> , 2015, 166, 79-85.	4.1	27
13	A fungal extracellular effector inactivates plant polygalacturonase-inhibiting protein. <i>Nature Communications</i> , 2022, 13, 2213.	12.8	25
14	De novo characterization of <i>Panax japonicus</i> C. A. Mey transcriptome and genes related to triterpenoid saponin biosynthesis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 450-455.	2.1	24
15	De Novo Analysis of <i>Wolfiporia cocos</i> Transcriptome to Reveal the Differentially Expressed Carbohydrate-Active Enzymes (CAZymes) Genes During the Early Stage of Sclerotial Growth. <i>Frontiers in Microbiology</i> , 2016, 7, 83.	3.5	23
16	Plant Pathogenic Fungi. , 2017, , 701-726.		22
17	The Kinome of Edible and Medicinal Fungus <i>Wolfiporia cocos</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1495.	3.5	19
18	De novo assembly and transcriptome analysis of sclerotial development in <i>Wolfiporia cocos</i> . <i>Gene</i> , 2016, 588, 149-155.	2.2	16

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19	Characterization of <i>Botrytis</i> “plant interactions using PathTrack” an automated system for dynamic analysis of disease development. <i>Molecular Plant Pathology</i> , 2017, 18, 503-512.	4.2	13
20	An Efficient PEG/CaCl ₂ -Mediated Transformation Approach for the Medicinal Fungus <i>Wolfiporia cocos</i> . <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1528-1531.	2.1	13
21	The cyclase-associated protein ChCAP is important for regulation of hyphal growth, appressorial development, penetration, pathogenicity, conidiation, intracellular cAMP level, and stress tolerance in <i>Colletotrichum higginsianum</i> . <i>Plant Science</i> , 2019, 283, 1-10.	3.6	9
22	Full-length transcriptome sequencing and modular organization analysis of oleanolic acid- and dammarane-type saponins related gene expression patterns in <i>Panax japonicus</i> . <i>Genomics</i> , 2020, 112, 4137-4147.	2.9	8
23	Comparative transcriptome analysis of rhizome nodes and internodes in <i>Panax japonicus</i> var. major reveals candidate genes involved in the biosynthesis of triterpenoid saponins. <i>Genomics</i> , 2020, 112, 1112-1119.	2.9	7
24	<i>Botrytis cinerea</i> BcSSP2 protein is a late infection phase, cytotoxic effector. <i>Environmental Microbiology</i> , 2022, 24, 3420-3435.	3.8	7
25	Functional Analysis of Sterol O-Acyltransferase Involved in the Biosynthetic Pathway of Pachymic Acid in <i>Wolfiporia cocos</i> . <i>Molecules</i> , 2022, 27, 143.	3.8	6
26	The Phosphatome of Medicinal and Edible Fungus <i>Wolfiporia cocos</i> . <i>Current Microbiology</i> , 2018, 75, 124-131.	2.2	5
27	Translocation from nuclei to cytoplasm is necessary for anti A β PCD activity and turnover of the Type II IAP BcBir1. <i>Molecular Microbiology</i> , 2016, 99, 393-406.	2.5	4
28	Genetic diversity of Chinese <i>Wolfiporia cocos</i> cultivars revealed by phenotypic traits and ISSR markers. <i>Mycological Progress</i> , 2015, 14, 1.	1.4	2