Yonglin Wang

List of Publications by Year
in descending order

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37	971	394286	454834
papers	citations	19 h-index	30 g-index

38	38	38	733
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MADS-Box Transcription Factor VdMcm1 Regulates Conidiation, Microsclerotia Formation, Pathogenicity, and Secondary Metabolism of Verticillium dahliae. Frontiers in Microbiology, 2016, 7, 1192.	1.5	77
2	The mitogen-activated protein kinase gene, VdHog1, regulates osmotic stress response, microsclerotia formation and virulence in Verticillium dahliae. Fungal Genetics and Biology, 2016, 88, 13-23.	0.9	71
3	Deep mRNA sequencing reveals stage-specific transcriptome alterations during microsclerotia development in the smoke tree vascular wilt pathogen, Verticillium dahliae. BMC Genomics, 2014, 15, 324.	1.2	68
4	Transcription factor VdCmr1 is required for pigment production, protection from UV irradiation, and regulates expression of melanin biosynthetic genes in Verticillium dahliae. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6		57
5	The Mitogen-Activated Protein Kinase Kinase VdPbs2 of Verticillium dahliae Regulates Microsclerotia Formation, Stress Response, and Plant Infection. Frontiers in Microbiology, 2016, 7, 1532.	1.5	55
6	VdCrz1 is involved in microsclerotia formation and required for full virulence in Verticillium dahliae. Fungal Genetics and Biology, 2015, 82, 201-212.	0.9	54
7	PsSAK1, a Stress-Activated MAP Kinase of Phytophthora sojae, Is Required for Zoospore Viability and Infection of Soybean. Molecular Plant-Microbe Interactions, 2010, 23, 1022-1031.	1.4	45
8	The Mitogen-Activated Protein Kinase CgMK1 Governs Appressorium Formation, Melanin Synthesis, and Plant Infection of Colletotrichum gloeosporioides. Frontiers in Microbiology, 2017, 8, 2216.	1.5	41
9	The bZIP transcription factor VdAtf1 regulates virulence by mediating nitrogen metabolism in Verticillium dahliae. New Phytologist, 2020, 226, 1461-1479.	3.5	41
10	The C 2 H 2 transcription factor VdMsn2 controls hyphal growth, microsclerotia formation, and virulence of Verticillium dahliae. Fungal Biology, 2017, 121, 1001-1010.	1.1	36
11	Genetic transformation, infection process and qPCR quantification of Verticillium dahliae on smoke-tree Cotinus coggygria. Australasian Plant Pathology, 2013, 42, 33-41.	0.5	33
12	Two Verticillium dahliae MAPKKKs, VdSsk2 and VdSte11, Have Distinct Roles in Pathogenicity, Microsclerotial Formation, and Stress Adaptation. MSphere, 2019, 4, .	1.3	31
13	Phylogenic analysis revealed an expanded C2H2-homeobox subfamily and expression profiles of C2H2 zinc finger gene family in Verticillium dahliae. Gene, 2015, 562, 169-179.	1.0	30
14	The Transcription Factor VdHapX Controls Iron Homeostasis and Is Crucial for Virulence in the Vascular Pathogen Verticillium dahliae. MSphere, 2018, 3, .	1.3	28
15	Poplar miR472a targeting NBS-LRRs is involved in effective defence against the necrotrophic fungus Cytospora chrysosperma. Journal of Experimental Botany, 2018, 69, 5519-5530.	2.4	28
16	De novo assembly and transcriptome characterization of spruce dwarf mistletoe Arceuthobium sichuanense uncovers gene expression profiling associated with plant development. BMC Genomics, 2016, 17, 771.	1.2	27
17	bZIP transcription factor CgAP1 is essential for oxidative stress tolerance and full virulence of the poplar anthracnose fungus Colletotrichum gloeosporioides. Fungal Genetics and Biology, 2016, 95, 58-66.	0.9	24
18	Quantitative Detection of Pathogen DNA of Verticillium Wilt on Smoke Tree Cotinus coggygria. Plant Disease, 2013, 97, 1645-1651.	0.7	22

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19	Functional characterization of two bZIP transcription factors in Verticillium dahliae. Gene, 2017, 626, 386-394.	1.0	22
20	The two-component response regulator VdSkn7 plays key roles in microsclerotial development, stress resistance and virulence of Verticillium dahliae. Fungal Genetics and Biology, 2017, 108, 26-35.	0.9	20
21	Genomewide Transcriptome Profiles Reveal How Bacillus subtilis Lipopeptides Inhibit Microsclerotia Formation in Verticillium dahliae. Molecular Plant-Microbe Interactions, 2019, 32, 622-634.	1.4	19
22	The Colletotrichum gloeosporioides RhoB regulates cAMP and stress response pathways and is required for pathogenesis. Fungal Genetics and Biology, 2016, 96, 12-24.	0.9	18
23	Genome-Wide Identification, Phylogeny and Expression Profile of Vesicle Fusion Components in Verticillium dahliae. PLoS ONE, 2013, 8, e68681.	1.1	16
24	A Cdc42 homolog in Colletotrichum gloeosporioides regulates morphological development and is required for ROS-mediated plant infection. Current Genetics, 2018, 64, 1153-1169.	0.8	15
25	Convergent and distinctive functions of transcription factors VdYap1, VdAtf1, and VdSkn7 in the regulation of nitrosative stress resistance, microsclerotia formation, and virulence in Verticillium dahliae. Molecular Plant Pathology, 2020, 21, 1451-1466.	2.0	15
26	Involvement of a Response Regulator VdSsk1 in Stress Response, Melanin Biosynthesis and Full Virulence in Verticillium dahliae. Frontiers in Microbiology, 2019, 10, 606.	1.5	14
27	Transcriptomic profiles of the smoke tree wilt fungus Verticillium dahliae under nutrient starvation stresses. Molecular Genetics and Genomics, 2015, 290, 1963-1977.	1.0	13
28	Insights into VdCmr1â€mediated protection against high temperature stress and UV irradiation in Verticillium dahliae. Environmental Microbiology, 2019, 21, 2977-2996.	1.8	12
29	CgHog1 controls the adaptation to both sorbitol and fludioxonil in Colletotrichum gloeosporioides. Fungal Genetics and Biology, 2020, 135, 103289.	0.9	11
30	Oxalic Acid Metabolism Contributes to Full Virulence and Pycnidial Development in the Poplar Canker Fungus Cytospora chrysosperma. Phytopathology, 2020, 110, 1319-1325.	1.1	8
31	The bZip Transcription Factor VdMRTF1 is a Negative Regulator of Melanin Biosynthesis and Virulence in Verticillium dahliae. Microbiology Spectrum, 2022, 10, e0258121.	1.2	8
32	A novel gene from a secondary metabolism gene cluster is required for microsclerotia formation and virulence in Verticillium dahliae. Phytopathology Research, 2019, 1, .	0.9	4
33	High-resolution transcript profiling reveals shoot abscission process of spruce dwarf mistletoe Arceuthobium sichuanense in response to ethephon. Scientific Reports, 2016, 6, 38889.	1.6	3
34	A Cytochrome P450 Monooxygenase in Nondefoliating Strain of Verticillium dahliae Manipulates Virulence via Scavenging Reactive Oxygen Species. Phytopathology, 2022, 112, 1723-1729.	1.1	2
35	Transcriptome Variations in Verticillium dahliae in Response to Two Different Inorganic Nitrogen Sources. Frontiers in Microbiology, 2021, 12, 712701.	1.5	1
36	Deletion of VdKu80 enhances targeted gene replacement in Verticillium dahliae. Australasian Plant Pathology, 2018, 47, 601-608.	0.5	0

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37	Genomic Characterization Provides an Insight into the Pathogenicity of the Poplar Canker Bacterium Lonsdalea populi. Genes, 2021, 12, 246.	1.0	0