

C-M Tian

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

1,911
citations

279798

23
h-index

345221

36
g-index

105
all docs

105
docs citations

105
times ranked

1429
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal Planet description sheets: 868–950. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2019, 42, 291-473.	4.4	124
2	MADS-Box Transcription Factor VdMcm1 Regulates Conidiation, Microsclerotia Formation, Pathogenicity, and Secondary Metabolism of <i>Verticillium dahliae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1192.	3.5	77
3	The mitogen-activated protein kinase gene, VdHog1, regulates osmotic stress response, microsclerotia formation and virulence in <i>Verticillium dahliae</i> . <i>Fungal Genetics and Biology</i> , 2016, 88, 13-23.	2.1	71
4	Deep mRNA sequencing reveals stage-specific transcriptome alterations during microsclerotia development in the smoke tree vascular wilt pathogen, <i>Verticillium dahliae</i> . <i>BMC Genomics</i> , 2014, 15, 324.	2.8	68
5	<i>Cytospora</i> (<i>Diaporthales</i>) in China. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2020, 45, 1-45.	4.4	60
6	Phylogeny and taxonomy of the scab and spot anthracnose fungus <i>Elsinoë</i> (<i>Myriangiales</i>), <i>Tj ETQq0,0,0 rgBT /Overlock 1</i>	7.2	59
7	Families and genera of diaporthalean fungi associated with canker and dieback of tree hosts. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2018, 40, 119-134.	4.4	57
8	<i>Cytospora</i> species associated with walnut canker disease in China, with description of a new species <i>C. gignalocus</i> . <i>Fungal Biology</i> , 2015, 119, 310-319.	2.5	56
9	The Mitogen-Activated Protein Kinase Kinase VdPbs2 of <i>Verticillium dahliae</i> Regulates Microsclerotia Formation, Stress Response, and Plant Infection. <i>Frontiers in Microbiology</i> , 2016, 7, 1532.	3.5	55
10	VdCrz1 is involved in microsclerotia formation and required for full virulence in <i>Verticillium dahliae</i> . <i>Fungal Genetics and Biology</i> , 2015, 82, 201-212.	2.1	54
11	The Mitogen-Activated Protein Kinase CgMK1 Governs Appressorium Formation, Melanin Synthesis, and Plant Infection of <i>Colletotrichum gloeosporioides</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2216.	3.5	41
12	The bZIP transcription factor VdAtf1 regulates virulence by mediating nitrogen metabolism in <i>Verticillium dahliae</i> . <i>New Phytologist</i> , 2020, 226, 1461-1479.	7.3	41
13	<i>Cytospora</i> species associated with canker disease of three anti-desertification plants in northwestern China. <i>Phytotaxa</i> , 2015, 197, 227-244.	0.3	40
14	Identification and Characterization of Leaf-Inhabiting Fungi from Castanea Plantations in China. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 64.	3.5	38
15	The C 2 H 2 transcription factor VdMsn2 controls hyphal growth, microsclerotia formation, and virulence of <i>Verticillium dahliae</i> . <i>Fungal Biology</i> , 2017, 121, 1001-1010.	2.5	36
16	Diaporthe from walnut tree (<i>Juglans regia</i>) in China, with insight of the Diaporthe eres complex. <i>Mycological Progress</i> , 2018, 17, 841-853.	1.4	34
17	Genetic transformation, infection process and qPCR quantification of <i>Verticillium dahliae</i> on smoke-tree <i>Cotinus coggygria</i> . <i>Australasian Plant Pathology</i> , 2013, 42, 33-41.	1.0	33
18	Two <i>Verticillium dahliae</i> MAPKKs, VdSsk2 and VdSte11, Have Distinct Roles in Pathogenicity, Microsclerotial Formation, and Stress Adaptation. <i>MSphere</i> , 2019, 4, .	2.9	31

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19	Phylogenic analysis revealed an expanded C2H2-homeobox subfamily and expression profiles of C2H2 zinc finger gene family in <i>Verticillium dahliae</i> . <i>Gene</i> , 2015, 562, 169-179.	2.2	30
20	Three new <i>Diaporthe</i> species from Shaanxi Province, China. <i>MycKeys</i> , 2020, 67, 1-18.	1.9	30
21	High Diversity of <i>Cytospora</i> Associated With Canker and Dieback of Rosaceae in China, With 10 New Species Described. <i>Frontiers in Plant Science</i> , 2020, 11, 690.	3.6	29
22	The Transcription Factor VdHapX Controls Iron Homeostasis and Is Crucial for Virulence in the Vascular Pathogen <i>Verticillium dahliae</i> . <i>MSphere</i> , 2018, 3, .	2.9	28
23	De novo assembly and transcriptome characterization of spruce dwarf mistletoe <i>Arceuthobium sichuanense</i> uncovers gene expression profiling associated with plant development. <i>BMC Genomics</i> , 2016, 17, 771.	2.8	27
24	The mitogen-activated protein kinase gene <i>CcPmk1</i> is required for fungal growth, cell wall integrity and pathogenicity in <i>Cytospora chrysosperma</i> . <i>Fungal Genetics and Biology</i> , 2019, 128, 1-13.	2.1	27
25	Reevaluating <i>Cryphonectriaceae</i> and allied families in <i>Diaporthales</i> . <i>Mycologia</i> , 2020, 112, 267-292.	1.9	25
26	bZIP transcription factor <i>CgAP1</i> is essential for oxidative stress tolerance and full virulence of the poplar anthracnose fungus <i>Colletotrichum gloeosporioides</i> . <i>Fungal Genetics and Biology</i> , 2016, 95, 58-66.	2.1	24
27	Identification and pathogenicity of <i>Cryphonectriaceae</i> species associated with chestnut canker in China. <i>Plant Pathology</i> , 2019, 68, 1132-1145.	2.4	24
28	Analysis of melanin biosynthesis in the plant pathogenic fungus <i>Colletotrichum gloeosporioides</i> . <i>Fungal Biology</i> , 2021, 125, 679-692.	2.5	24
29	Identification of six <i>Cytospora</i> species on Chinese chestnut in China. <i>MycKeys</i> , 2020, 62, 1-25.	1.9	24
30	Quantitative Detection of Pathogen DNA of <i>Verticillium Wilt</i> on Smoke Tree <i>Cotinus coggygria</i> . <i>Plant Disease</i> , 2013, 97, 1645-1651.	1.4	22
31	Functional characterization of two bZIP transcription factors in <i>Verticillium dahliae</i> . <i>Gene</i> , 2017, 626, 386-394.	2.2	22
32	Species of <i>Dendrostoma</i> (<i>Erythroglloeaceae</i> , <i>Diaporthales</i>) associated with chestnut and oak canker diseases in China. <i>MycKeys</i> , 2019, 48, 67-96.	1.9	22
33	The two-component response regulator <i>VdSkn7</i> plays key roles in microsclerotial development, stress resistance and virulence of <i>Verticillium dahliae</i> . <i>Fungal Genetics and Biology</i> , 2017, 108, 26-35.	2.1	20
34	A canker disease of apple caused by <i>Cytospora parasitica</i> recorded in China. <i>Forest Pathology</i> , 2018, 48, e12416.	1.1	19
35	<i>Arthrinium</i> species associated with bamboo and reed plants in China. <i>Fungal Systematics and Evolution</i> , 2018, 2, 1-9.	2.2	19
36	Genomewide Transcriptome Profiles Reveal How <i>Bacillus subtilis</i> Lipopeptides Inhibit Microsclerotia Formation in <i>Verticillium dahliae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 622-634.	2.6	19

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37	The <i>Colletotrichum gloeosporioides</i> RhoB regulates cAMP and stress response pathways and is required for pathogenesis. <i>Fungal Genetics and Biology</i> , 2016, 96, 12-24.	2.1	18
38	New species and records of <i>Diaporthe</i> from Jiangxi Province, China. <i>MycKeys</i> , 2021, 77, 41-64.	1.9	17
39	Mitogen-activated protein kinase cascade CgSte50-Ste11-Ste7-Mk1 regulates infection-related morphogenesis in the poplar anthracnose fungus <i>Colletotrichum gloeosporioides</i> . <i>Microbiological Research</i> , 2021, 248, 126748.	5.3	17
40	Assessment of <i>Cytospora</i> Isolates From Conifer Cankers in China, With the Descriptions of Four New <i>Cytospora</i> Species. <i>Frontiers in Plant Science</i> , 2021, 12, 636460.	3.6	16
41	A Cdc42 homolog in <i>Colletotrichum gloeosporioides</i> regulates morphological development and is required for ROS-mediated plant infection. <i>Current Genetics</i> , 2018, 64, 1153-1169.	1.7	15
42	<i>Cytospora</i> and <i>Diaporthe</i> Species Associated With Hazelnut Canker and Dieback in Beijing, China. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 664366.	3.9	15
43	<i>Neopestalotiopsis rosicola</i> sp. nov. causing stem canker of <i>Rosa chinensis</i> in China. <i>Mycotaxon</i> , 2018, 133, 271-283.	0.3	14
44	Discovery of <i>Cytospora</i> species associated with canker disease of tree hosts from Mount Dongling of China. <i>MycKeys</i> , 2020, 62, 97-121.	1.9	14
45	Transcriptomic profiles of the smoke tree wilt fungus <i>Verticillium dahliae</i> under nutrient starvation stresses. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1963-1977.	2.1	13
46	Botryosphaeralean fungi causing canker and dieback of tree hosts from Mount Yudu in China. <i>Mycological Progress</i> , 2019, 18, 1341-1361.	1.4	13
47	<i>CcPmk1</i> is a regulator of pathogenicity in <i>Cytospora chrysosperma</i> and can be used as a potential target for disease control. <i>Molecular Plant Pathology</i> , 2021, 22, 710-726.	4.2	13
48	<i>Gnomoniopsis chinensis</i> (Gnomoniaceae, Diaporthales), a new fungus causing canker of Chinese chestnut in Hebei Province, China. <i>MycKeys</i> , 2020, 67, 19-32.	1.9	13
49	<i>Melanconis</i> (Melanconidaceae) associated with <i>Betula</i> spp. in China. <i>Mycological Progress</i> , 2016, 15, 1.	1.4	12
50	Canker disease of willow and poplar caused by <i>Cryptosphaeria pullmanensis</i> recorded in China. <i>Forest Pathology</i> , 2016, 46, 327-335.	1.1	12
51	Two novel species of <i>Cryphonectria</i> from <i>Quercus</i> in China. <i>Phytotaxa</i> , 2018, 347, 243.	0.3	12
52	New species and records of <i>Coryneum</i> from China. <i>Mycologia</i> , 2018, 110, 1172-1188.	1.9	12
53	Effects of landscape complexity and stand factors on arthropod communities in poplar forests. <i>Ecology and Evolution</i> , 2019, 9, 7143-7156.	1.9	12
54	Insights into VdCmr1-mediated protection against high temperature stress and UV irradiation in <i>Verticillium dahliae</i> . <i>Environmental Microbiology</i> , 2019, 21, 2977-2996.	3.8	12

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55	The Hidden Diversity of Diatrypaceous Fungi in China. <i>Frontiers in Microbiology</i> , 2021, 12, 646262.	3.5	12
56	Diaporthalean fungi associated with canker and dieback of trees from Mount Dongling in Beijing, China. <i>MycKeys</i> , 2019, 59, 67-94.	1.9	12
57	CgHog1 controls the adaptation to both sorbitol and fludioxonil in <i>Colletotrichum gloeosporioides</i> . <i>Fungal Genetics and Biology</i> , 2020, 135, 103289.	2.1	11
58	The <i>Cytospora chrysosperma</i> Virulence Effector CcCAP1 Mainly Localizes to the Plant Nucleus To Suppress Plant Immune Responses. <i>MSphere</i> , 2021, 6, .	2.9	11
59	CgEnd3 Regulates Endocytosis, Appressorium Formation, and Virulence in the Poplar Anthracnose Fungus <i>Colletotrichum gloeosporioides</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 4029.	4.1	11
60	Taxonomic circumscription of melanconis-like fungi causing canker disease in China. <i>MycKeys</i> , 2018, 42, 89-124.	1.9	11
61	Mixed effects of landscape structure, tree diversity and stand's relative position on insect and pathogen damage in riparian poplar forests. <i>Forest Ecology and Management</i> , 2021, 479, 118555.	3.2	10
62	Mucin Msb2 cooperates with the transmembrane protein Sho1 in various plant surface signal sensing and pathogenic processes in the poplar anthracnose fungus <i>Colletotrichum gloeosporioides</i> . <i>Molecular Plant Pathology</i> , 2021, 22, 1553-1573.	4.2	10
63	Dieback of <i>Euonymus alatus</i> (Celastraceae) Caused by <i>Cytospora haidianensis</i> sp. nov. in China. <i>Forests</i> , 2020, 11, 524.	2.1	9
64	The effects of <i>Arceuthobium sichuanense</i> infection on needles and current-year shoots of mature and young Qinghai spruce (<i>Picea crassifolia</i>) trees. <i>Forest Pathology</i> , 2012, 42, 330-337.	1.1	8
65	Elevated Ozone Concentration and Nitrogen Addition Increase Poplar Rust Severity by Shifting the Phyllosphere Microbial Community. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 523.	3.5	8
66	Phragmidium species parasitizing species of Rosaceae in Tibet, China, with descriptions of three new species. <i>Mycological Progress</i> , 2018, 17, 967-988.	1.4	7
67	<i>Cytospora elaeagnicola</i> sp. nov. Associated with Narrow-leaved Oleaster Canker Disease in China. <i>Mycobiology</i> , 2019, 47, 319-328.	1.7	7
68	A Sge1 homolog in <i>Cytospora chrysosperma</i> governs conidiation, virulence and the expression of putative effectors. <i>Gene</i> , 2021, 778, 145474.	2.2	7
69	Fungal Richness of <i>Cytospora</i> Species Associated with Willow Canker Disease in China. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 377.	3.5	7
70	Diversity of soil microorganisms in natural <i>Populus euphratica</i> forests in Xinjiang, northwestern China. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2008, 3, 347-351.	0.2	6
71	Studies of canker and dieback of oak tree in China, with two <i>Cytospora</i> species described. <i>Plant Pathology</i> , 2021, 70, 2005-2015.	2.4	6
72	Transcriptional Network in <i>Colletotrichum gloeosporioides</i> Mutants Lacking Msb2 or Msb2 and Sho1. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 207.	3.5	6

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73	Morphology, DNA Phylogeny, and Pathogenicity of <i>Wilsonomyces carpophilus</i> Isolate Causing Shot-Hole Disease of <i>Prunus divaricata</i> and <i>Prunus armeniaca</i> in Wild-Fruit Forest of Western Tianshan Mountains, China. <i>Forests</i> , 2020, 11, 319.	2.1	5
74	Taxonomy of two synnematal fungal species from <i>Rhus chinensis</i> , with <i>Flavignomonium</i> gen. nov. described. <i>MycKeys</i> , 2019, 60, 17-29.	1.9	5
75	Tree inhabiting gnomoniaceous species from China, with <i>Cryphogonomium</i> gen. nov. proposed. <i>MycKeys</i> , 2020, 69, 71-89.	1.9	5
76	First Report of Pitch Canker Disease Caused by <i>Rhizosphaera kalkhoffii</i> on <i>Pinus sylvestris</i> in China. <i>Plant Disease</i> , 2013, 97, 283-283.	1.4	5
77	A Putative Effector CcSp84 of <i>Cytospora chrysosperma</i> Localizes to the Plant Nucleus to Trigger Plant Immunity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1614.	4.1	5
78	Genome-Wide Identification of bZIP Transcription Factor Genes and Functional Analyses of Two Members in <i>Cytospora chrysosperma</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 34.	3.5	5
79	Re-evaluation of the Fungal Diversity and Pathogenicity of <i>Cytospora</i> Species from <i>Populus</i> in China. <i>Plant Disease</i> , 2023, 107, 83-96.	1.4	5
80	Assessment of dwarf mistletoe (<i>Arceuthobium sichuanense</i>) infection in spruce trees by using hyperspectral data. <i>Forest Pathology</i> , 2021, 51, e12669.	1.1	4
81	Genome-wide identification, phylogeny and transcriptional profiling of SNARE genes in <i>Cytospora chrysosperma</i> . <i>Journal of Phytopathology</i> , 2021, 169, 471-485.	1.0	4
82	Responses of ground beetle (Coleoptera: Carabidae) assemblages to stand characteristics and landscape structure in riparian poplar forests. <i>Insect Conservation and Diversity</i> , 2021, 14, 780-792.	3.0	4
83	A novel gene from a secondary metabolism gene cluster is required for microsclerotia formation and virulence in <i>Verticillium dahliae</i> . <i>Phytopathology Research</i> , 2019, 1, .	2.4	4
84	Verification of the Protective Effects of Poplar Phenolic Compounds Against Poplar Anthracnose. <i>Phytopathology</i> , 2022, 112, 2198-2206.	2.2	4
85	Phosphoproteomic and Metabolomic Profiling Uncovers the Roles of CcPmk1 in the Pathogenicity of <i>Cytospora chrysosperma</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	4
86	Role of cell wall degrading enzymes in the interaction of poplar and <i>Melampsora larici-populina</i> Kleb.. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2009, 4, 111-116.	0.2	3
87	High-resolution transcript profiling reveals shoot abscission process of spruce dwarf mistletoe <i>Arceuthobium sichuanense</i> in response to ethephon. <i>Scientific Reports</i> , 2016, 6, 38889.	3.3	3
88	New leaf and fruit disease of <i>Juglans regia</i> caused by <i>Juglanconis juglandina</i> in Xinjiang, China. <i>Forest Pathology</i> , 2019, 49, e12537.	1.1	3
89	Visual analysis of impact factors of forest pests and diseases. <i>Journal of Visualization</i> , 2019, 22, 1257-1280.	1.8	3
90	Online visual analysis of forest diseases. <i>Journal of Visualization</i> , 2019, 22, 197-213.	1.8	3

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91	Leaf traits-mediated effects of tree diversity on insect herbivory on <i>Populus laurifolia</i> in a riparian forest ecosystem. <i>Forest Ecology and Management</i> , 2022, 504, 119777.	3.2	3
92	Visual analysis of occurrence and control of forest pests with multi-view collaboration. <i>Journal of Visualization</i> , 2019, 22, 177-195.	1.8	2
93	Spatiotemporal Pattern and Aggregation Effects of Poplar Canker in Northeast China. <i>Forests</i> , 2020, 11, 454.	2.1	2
94	First Report of <i>Tubakia americana</i> Causing Oak Seed Rot on <i>Quercus variabilis</i> in China. <i>Plant Disease</i> , 2020, 104, 2724.	1.4	2
95	<i>Micromelanconis kaihuiae</i> gen. et sp. nov., a new diaporthean fungus from Chinese chestnut branches in southern China. <i>MycKeys</i> , 2021, 79, 1-16.	1.9	2
96	Taxonomy and Phylogeny of Rust Fungi on Hamamelidaceae. <i>Frontiers in Microbiology</i> , 2021, 12, 648890.	3.5	2
97	Identification and pathogenicity of six fungal species causing canker and dieback disease on golden rain tree in Beijing, China. <i>Mycology</i> , 2023, 14, 37-51.	4.4	2
98	Impact of <i>Arceuthobium sichuanense</i> infection on needles and current-year shoots of <i>Picea crassifolia</i> and <i>Picea purpurea</i> in Qinghai Province, China. <i>European Journal of Plant Pathology</i> , 2017, 147, 845-854.	1.7	1
99	Modeling the dynamics of a spruce forest and dwarf mistletoe population: a coupled system. <i>Journal of Forestry Research</i> , 2021, 32, 1579.	3.6	1
100	First Report of <i>Arceuthobium sichuanense</i> , a Dwarf Mistletoe, on <i>Pinus tabuliformis</i> in Qinghai Province, China. <i>Plant Disease</i> , 2019, 103, 1436.	1.4	1
101	Deletion of <i>VdKu80</i> enhances targeted gene replacement in <i>Verticillium dahliae</i> . <i>Australasian Plant Pathology</i> , 2018, 47, 601-608.	1.0	0