

# Jiasen Cheng

## List of Publications by Year in descending order

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95  
papers

5,304  
citations

108046

37  
h-index

104191

69  
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96  
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96  
docs citations

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times ranked

4511  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel alphahypovirus that infects the fungal plant pathogen <i>Sclerotinia sclerotiorum</i> . <i>Archives of Virology</i> , 2022, 167, 213-217.	0.9	1
2	Characterization of a newly identified RNA segment derived from the genome of <i>Sclerotinia sclerotiorum</i> reovirus 1. <i>Archives of Virology</i> , 2022, 167, 603-606.	0.9	2
3	A <i>Ralstonia solanacearum</i> effector targets TGA transcription factors to subvert salicylic acid signaling. <i>Plant Cell</i> , 2022, 34, 1666-1683.	3.1	39
4	Genome Characterization and Phylogenetic Analysis of a Novel Endornavirus That Infects Fungal Pathogen <i>Sclerotinia sclerotiorum</i> . <i>Viruses</i> , 2022, 14, 456.	1.5	10
5	Active DNA demethylation regulates MAMP-triggered immune priming in <i>Arabidopsis</i> . <i>Journal of Genetics and Genomics</i> , 2022, 49, 796-809.	1.7	10
6	<i>Fusarivirus</i> accessory helicases present an evolutionary link for viruses infecting plants and fungi. <i>Virologica Sinica</i> , 2022, 37, 427-436.	1.2	2
7	A fungal extracellular effector inactivates plant polygalacturonase-inhibiting protein. <i>Nature Communications</i> , 2022, 13, 2213.	5.8	25
8	<i>Sclerotinia sclerotiorum</i> SsCut1 Modulates Virulence and Cutinase Activity. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 1075.	1.5	8
9	Mycoviroomic Analysis Unveils Complex Virus Composition in a Hypovirulent Strain of <i>Sclerotinia sclerotiorum</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 649.	1.5	5
10	Identification of <i>Lasiodiplodia pseudotheobromae</i> Causing Fruit Rot of Citrus in China. <i>Plants</i> , 2021, 10, 202.	1.6	14
11	Interannual dynamics, diversity and evolution of the virome in <i>Sclerotinia sclerotiorum</i> from a single crop field. <i>Virus Evolution</i> , 2021, 7, veab032.	2.2	56
12	A novel antisense long non-coding RNA participates in asexual and sexual reproduction by regulating the expression of <i>GzmetE</i> in <i>Fusarium graminearum</i> . <i>Environmental Microbiology</i> , 2021, 23, 4939-4955.	1.8	6
13	Isolation and evaluation of the biocontrol potential of <i>Talaromyces</i> spp. against rice sheath blight guided by soil microbiome. <i>Environmental Microbiology</i> , 2021, 23, 5946-5961.	1.8	13
14	Transcriptional Responses of <i>Sclerotinia sclerotiorum</i> to the Infection by SsHADV-1. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 493.	1.5	20
15	Characterization of a novel botoulivirus isolated from the phytopathogenic fungus <i>Sclerotinia sclerotiorum</i> . <i>Archives of Virology</i> , 2021, 166, 2859-2863.	0.9	4
16	Editing homologous copies of an essential gene affords crop resistance against two cosmopolitan necrotrophic pathogens. <i>Plant Biotechnology Journal</i> , 2021, 19, 2349-2361.	4.1	17
17	Nine viruses from eight lineages exhibiting new evolutionary modes that co-infect a hypovirulent phytopathogenic fungus. <i>PLoS Pathogens</i> , 2021, 17, e1009823.	2.1	30
18	Exploring the Symbiotic Mechanism of a Virus-Mediated Endophytic Fungus in Its Host by Dual Unique Molecular Identifier RNA Sequencing. <i>MSystems</i> , 2021, 6, e0081421.	1.7	9

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19	Two distant helicases in one mycovirus: evidence of horizontal gene transfer between mycoviruses, coronaviruses and other nidoviruses. <i>Virus Evolution</i> , 2021, 7, veab043.	2.2	17
20	lncRsp1 , a long noncoding RNA, influences Fgsp1 expression and sexual reproduction in <i>Fusarium graminearum</i> . <i>Molecular Plant Pathology</i> , 2021, .	2.0	5
21	CmAim24 Is Essential for Mitochondrial Morphology, Conidiogenesis, and Mycoparasitism in <i>Coniothyrium minitans</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	5
22	A 2-kb Mycovirus Converts a Pathogenic Fungus into a Beneficial Endophyte for Brassica Protection and Yield Enhancement. <i>Molecular Plant</i> , 2020, 13, 1420-1433.	3.9	113
23	Bio-priming with a hypovirulent phytopathogenic fungus enhances the connection and strength of microbial interaction network in rapeseed. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 45.	2.9	33
24	A cosmopolitan fungal pathogen of dicots adopts an endophytic lifestyle on cereal crops and protects them from major fungal diseases. <i>ISME Journal</i> , 2020, 14, 3120-3135.	4.4	57
25	Four Novel Botourmiaviruses Co-Infecting an Isolate of the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>Viruses</i> , 2020, 12, 1383.	1.5	11
26	A cinnamyl alcohol dehydrogenase required for sclerotial development in <i>Sclerotinia sclerotiorum</i> . <i>Phytopathology Research</i> , 2020, 2, .	0.9	4
27	An effector of a necrotrophic fungal pathogen targets the calcium-sensing receptor in chloroplasts to inhibit host resistance. <i>Molecular Plant Pathology</i> , 2020, 21, 686-701.	2.0	55
28	The Subtilisin-Like Protease Bcser2 Affects the Sclerotial Formation, Conidiation and Virulence of <i>Botrytis cinerea</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 603.	1.8	25
29	Host Transcriptional Response of <i>Sclerotinia sclerotiorum</i> Induced by the Mycoparasite <i>Coniothyrium minitans</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 183.	1.5	4
30	ORF 1 of Mycovirus SsNSRV-1 is Associated with Debilitating Symptoms of <i>Sclerotinia sclerotiorum</i> . <i>Viruses</i> , 2020, 12, 456.	1.5	10
31	A Single ssRNA Segment Encoding RdRp Is Sufficient for Replication, Infection, and Transmission of Ourmia-Like Virus in Fungi. <i>Frontiers in Microbiology</i> , 2020, 11, 379.	1.5	39
32	Sclerotia of a phytopathogenic fungus restrict microbial diversity and improve soil health by suppressing other pathogens and enriching beneficial microorganisms. <i>Journal of Environmental Management</i> , 2020, 259, 109857.	3.8	16
33	Mycoparasitism illuminated by genome and transcriptome sequencing of <i>Coniothyrium minitans</i> , an important biocontrol fungus of the plant pathogen <i>Sclerotinia sclerotiorum</i> . <i>Microbial Genomics</i> , 2020, 6, .	1.0	15
34	Discovery of Two Mycoviruses by High-Throughput Sequencing and Assembly of Mycovirus-Derived Small Silencing RNAs From a Hypovirulent Strain of <i>Sclerotinia sclerotiorum</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1415.	1.5	21
35	First report of phytoplasma groups 16SrI and 16SrV infecting <i>Brassica napus</i> in China. <i>Crop Protection</i> , 2019, 126, 104921.	1.0	3
36	A Novel RNA Virus Related to Sobemoviruses Confers Hypovirulence on the Phytopathogenic Fungus <i>Sclerotinia sclerotiorum</i> . <i>Viruses</i> , 2019, 11, 759.	1.5	15

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37	Characterization of a novel RNA virus from the phytopathogenic fungus <i>Leptosphaeria biglobosa</i> related to members of the genus Mitovirus. <i>Archives of Virology</i> , 2019, 164, 913-916.	0.9	2
38	Survival factor 1 contributes to the oxidative stress response and is required for full virulence of <i>Sclerotinia sclerotiorum</i> . <i>Molecular Plant Pathology</i> , 2019, 20, 895-906.	2.0	17
39	Early Transcriptional Response to DNA Virus Infection in <i>Sclerotinia sclerotiorum</i> . <i>Viruses</i> , 2019, 11, 278.	1.5	12
40	MAPKK Inhibitor U0126 Inhibits <i>Plasmodiophora brassicae</i> Development. <i>Phytopathology</i> , 2018, 108, 711-720.	1.1	8
41	A ceratoεplatanin protein SsCP1 targets plant PR1 and contributes to virulence of <i>Sclerotinia sclerotiorum</i> . <i>New Phytologist</i> , 2018, 217, 739-755.	3.5	211
42	Two alphapartitiviruses co-infecting a single isolate of the plant pathogenic fungus <i>Rhizoctonia solani</i> . <i>Archives of Virology</i> , 2018, 163, 515-520.	0.9	28
43	Proto-oncogenes in a eukaryotic unicellular organism play essential roles in plasmodial growth in host cells. <i>BMC Genomics</i> , 2018, 19, 881.	1.2	6
44	Functional Analysis of the Melanin-Associated Gene CmMR1 in <i>Coniothyrium minitans</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2658.	1.5	17
45	Dicer-Like Proteins Regulate Sexual Development via the Biogenesis of Perithecium-Specific MicroRNAs in a Plant Pathogenic Fungus <i>Fusarium graminearum</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 818.	1.5	68
46	A Novel Deltaflexivirus that Infects the Plant Fungal Pathogen, <i>Sclerotinia sclerotiorum</i> , Can Be Transmitted Among Host Vegetative Incompatible Strains. <i>Viruses</i> , 2018, 10, 295.	1.5	35
47	Complete genome sequence of a novel mitovirus from the phytopathogenic fungus <i>Rhizoctonia oryzae-sativae</i> . <i>Archives of Virology</i> , 2017, 162, 1409-1412.	0.9	15
48	Transcriptome Analysis of <i>Arabidopsis thaliana</i> in Response to <i>Plasmodiophora brassicae</i> during Early Infection. <i>Frontiers in Microbiology</i> , 2017, 8, 673.	1.5	60
49	Uninterrupted Expression of CmSIT1 in a Sclerotial Parasite <i>Coniothyrium minitans</i> Leads to Reduced Growth and Enhanced Antifungal Ability. <i>Frontiers in Microbiology</i> , 2017, 8, 2208.	1.5	12
50	Endosphere microbiome comparison between symptomatic and asymptomatic roots of <i>Brassica napus</i> infected with <i>Plasmodiophora brassicae</i> . <i>PLoS ONE</i> , 2017, 12, e0185907.	1.1	53
51	Virome Characterization of a Collection of <i>S. sclerotiorum</i> from Australia. <i>Frontiers in Microbiology</i> , 2017, 8, 2540.	1.5	106
52	New insights into reovirus evolution: implications from a newly characterized mycoreovirus. <i>Journal of General Virology</i> , 2017, 98, 1132-1141.	1.3	9
53	Virus-mediated suppression of host non-self recognition facilitates horizontal transmission of heterologous viruses. <i>PLoS Pathogens</i> , 2017, 13, e1006234.	2.1	81
54	Histone H3 Lysine 9 Methyltransferase DIM5 Is Required for the Development and Virulence of <i>Botrytis cinerea</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1289.	1.5	24

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55	Arabidopsis Mutant <i>bik1</i> Exhibits Strong Resistance to <i>Plasmodiophora brassicae</i> . <i>Frontiers in Physiology</i> , 2016, 7, 402.	1.3	44
56	Co-infection of a hypovirulent isolate of <i>Sclerotinia sclerotiorum</i> with a new botybirnavirus and a strain of a mitovirus. <i>Virology Journal</i> , 2016, 13, 92.	1.4	40
57	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.	1.6	41
58	Taxonomy of the order Mononegavirales: update 2016. <i>Archives of Virology</i> , 2016, 161, 2351-2360.	0.9	407
59	Integrated omics study of lipid droplets from <i>Plasmodiophora brassicae</i> . <i>Scientific Reports</i> , 2016, 6, 36965.	1.6	59
60	Antisense transcription licenses nascent transcripts to mediate transcriptional gene silencing. <i>Genes and Development</i> , 2016, 30, 2417-2432.	2.7	18
61	Fungal DNA virus infects a mycophagous insect and utilizes it as a transmission vector. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12803-12808.	3.3	143
62	A HOPS protein, CmVps39, is required for vacuolar morphology, autophagy, growth, conidiogenesis and mycoparasitic functions of <i>Coniothyrium minitans</i> . <i>Environmental Microbiology</i> , 2016, 18, 3785-3797.	1.8	19
63	Characterization of a novel <i>Sclerotinia sclerotiorum</i> RNA virus as the prototype of a new proposed family within the order Tymovirales. <i>Virus Research</i> , 2016, 219, 92-99.	1.1	37
64	A Small Secreted Virulence-Related Protein Is Essential for the Necrotrophic Interactions of <i>Sclerotinia sclerotiorum</i> with Its Host Plants. <i>PLoS Pathogens</i> , 2016, 12, e1005435.	2.1	180
65	Comparative genomic and transcriptional analyses of the carbohydrate-active enzymes and secretomes of phytopathogenic fungi reveal their significant roles during infection and development. <i>Scientific Reports</i> , 2015, 5, 15565.	1.6	117
66	A "footprint" of plant carbon fixation cycle functions during the development of a heterotrophic fungus. <i>Scientific Reports</i> , 2015, 5, 12952.	1.6	14
67	<i>CmpacC</i> regulates mycoparasitism, oxalate degradation and antifungal activity in the mycoparasitic fungus <i>Coniothyrium minitans</i> . <i>Environmental Microbiology</i> , 2015, 17, 4711-4729.	1.8	35
68	Molecular characterization of a bipartite double-stranded RNA virus and its satellite-like RNA co-infecting the phytopathogenic fungus <i>Sclerotinia sclerotiorum</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 406.	1.5	70
69	Characterization of a Novel Megabirnavirus from <i>Sclerotinia sclerotiorum</i> Reveals Horizontal Gene Transfer from Single-Stranded RNA Virus to Double-Stranded RNA Virus. <i>Journal of Virology</i> , 2015, 89, 8567-8579.	1.5	40
70	A mitovirus related to plant mitochondrial gene confers hypovirulence on the phytopathogenic fungus <i>Sclerotinia sclerotiorum</i> . <i>Virus Research</i> , 2015, 197, 127-136.	1.1	83
71	Molecular Characterization of a Novel Positive-Sense, Single-Stranded RNA Mycovirus Infecting the Plant Pathogenic Fungus <i>Sclerotinia sclerotiorum</i> . <i>Viruses</i> , 2015, 7, 2470-2484.	1.5	28
72	Genomic organization of a novel victorivirus from the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Archives of Virology</i> , 2015, 160, 2907-2910.	0.9	15

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73	The Microbial Opsin Homolog Sop1 is involved in <i>Sclerotinia sclerotiorum</i> Development and Environmental Stress Response. <i>Frontiers in Microbiology</i> , 2015, 6, 1504.	1.5	38
74	Novel Secretory Protein Ss-Caf1 of the Plant-Pathogenic Fungus <i>Sclerotinia sclerotiorum</i> Is Required for Host Penetration and Normal Sclerotial Development. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 40-55.	1.4	105
75	Molecular characterization of two positive-strand RNA viruses co-infecting a hypovirulent strain of <i>Sclerotinia sclerotiorum</i> . <i>Virology</i> , 2014, 464-465, 450-459.	1.1	69
76	Fungal negative-stranded RNA virus that is related to bornaviruses and nyaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12205-12210.	3.3	198
77	A Novel Partitivirus That Confers Hypovirulence on Plant Pathogenic Fungi. <i>Journal of Virology</i> , 2014, 88, 10120-10133.	1.5	133
78	<i>CmPEX6</i> , a Gene Involved in Peroxisome Biogenesis, Is Essential for Parasitism and Conidiation by the Sclerotial Parasite <i>Coniothyrium minitans</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 3658-3666.	1.4	28
79	Extracellular transmission of a DNA mycovirus and its use as a natural fungicide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1452-1457.	3.3	243
80	Disruption of heat shock factor 1 reduces the formation of conidia and thermotolerance in the mycoparasitic fungus <i>Coniothyrium minitans</i> . <i>Fungal Genetics and Biology</i> , 2013, 53, 42-49.	0.9	34
81	A Secretory Protein of Necrotrophic Fungus <i>Sclerotinia sclerotiorum</i> That Suppresses Host Resistance. <i>PLoS ONE</i> , 2013, 8, e53901.	1.1	157
82	A fungal cell wall integrity-associated MAP kinase cascade in <i>Coniothyrium minitans</i> is required for conidiation and mycoparasitism. <i>Fungal Genetics and Biology</i> , 2012, 49, 347-357.	0.9	55
83	Evolutionary genomics of mycovirus-related dsRNA viruses reveals cross-family horizontal gene transfer and evolution of diverse viral lineages. <i>BMC Evolutionary Biology</i> , 2012, 12, 91.	3.2	104
84	Ss-Sl2, a Novel Cell Wall Protein with PAN Modules, Is Essential for Sclerotial Development and Cellular Integrity of <i>Sclerotinia sclerotiorum</i> . <i>PLoS ONE</i> , 2012, 7, e34962.	1.1	44
85	Identification of microRNA-like RNAs in a plant pathogenic fungus <i>Sclerotinia sclerotiorum</i> by high-throughput sequencing. <i>Molecular Genetics and Genomics</i> , 2012, 287, 275-282.	1.0	124
86	Phosphoribosylamidotransferase, the first enzyme for purine de novo synthesis, is required for conidiation in the sclerotial mycoparasite <i>Coniothyrium minitans</i> . <i>Fungal Genetics and Biology</i> , 2011, 48, 956-965.	0.9	21
87	A novel mycovirus closely related to hypoviruses that infects the plant pathogenic fungus <i>Sclerotinia sclerotiorum</i> . <i>Virology</i> , 2011, 418, 49-56.	1.1	111
88	Widespread Endogenization of Densoviruses and Parvoviruses in Animal and Human Genomes. <i>Journal of Virology</i> , 2011, 85, 9863-9876.	1.5	94
89	Cyclic GMP as a Second Messenger in the Nitric Oxide-Mediated Conidiation of the Mycoparasite <i>Coniothyrium minitans</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 2830-2836.	1.4	35
90	Widespread Horizontal Gene Transfer from Double-Stranded RNA Viruses to Eukaryotic Nuclear Genomes. <i>Journal of Virology</i> , 2010, 84, 11876-11887.	1.5	200

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91	A geminivirus-related DNA mycovirus that confers hypovirulence to a plant pathogenic fungus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8387-8392.	3.3	472
92	Abrogation of G2/M arrest sensitizes curcumin-resistant hepatoma cells to apoptosis. FEBS Letters, 2008, 582, 2689-2695.	1.3	52
93	Human Macrophages Promote the Motility and Invasiveness of Osteopontin-Knockdown Tumor Cells. Cancer Research, 2007, 67, 5141-5147.	0.4	58
94	Production, survival and efficacy of Coniothyrium minitans conidia produced in shaken liquid culture. FEMS Microbiology Letters, 2003, 227, 127-131.	0.7	30
95	Molecular characterization of a dsRNA totivirus infecting the sclerotial parasite Coniothyrium minitans. Virus Research, 2003, 93, 41-50.	1.1	26