Bart P H J Thomma

List of Publications by Year
in descending order

157 papers	24,239 citations	8755 75 h-index	7950 149 g-index
176 all docs	176 docs citations	176 times ranked	16954 citing authors

#	Article	IF	Citations
1	Separate jasmonate-dependent and salicylate-dependent defense-response pathways in Arabidopsis are essential for resistance to distinct microbial pathogens. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 15107-15111.	7.1	1,367
2	Sclerotinia sclerotiorum (Lib.) de Bary: biology and molecular traits of a cosmopolitan pathogen. Molecular Plant Pathology, 2006, 7, 1-16.	4.2	906
3	Of PAMPs and Effectors: The Blurred PTI-ETI Dichotomy. Plant Cell, 2011, 23, 4-15.	6.6	896
4	Physiology and molecular aspects of Verticillium wilt diseases caused by V. dahliae and V. albo-atrum. Molecular Plant Pathology, 2006, 7, 71-86.	4.2	758
5	Conserved Fungal LysM Effector Ecp6 Prevents Chitin-Triggered Immunity in Plants. Science, 2010, 329, 953-955.	12.6	696
6	The complexity of disease signaling in Arabidopsis. Current Opinion in Immunology, 2001, 13, 63-68.	5.5	616
7	Plant defensins. Planta, 2002, 216, 193-202.	3.2	616
8	Alternaria spp.: from general saprophyte to specific parasite. Molecular Plant Pathology, 2003, 4, 225-236.	4.2	600
9	Effector-Mediated Suppression of Chitin-Triggered Immunity by <i>Magnaporthe oryzae</i> Is Necessary for Rice Blast Disease Â. Plant Cell, 2012, 24, 322-335.	6.6	493
10	Tomato immune receptor Ve1 recognizes effector of multiple fungal pathogens uncovered by genome and RNA sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5110-5115.	7.1	491
11	Comparative Genomics Yields Insights into Niche Adaptation of Plant Vascular Wilt Pathogens. PLoS Pathogens, 2011, 7, e1002137.	4.7	477
12	Requirement of Functional Ethylene-Insensitive 2Gene for Efficient Resistance of Arabidopsis to Infection by Botrytis cinerea. Plant Physiology, 1999, 121, 1093-1101.	4.8	464
13	Interfamily transfer of a plant pattern-recognition receptor confers broad-spectrum bacterial resistance. Nature Biotechnology, 2010, 28, 365-369.	17.5	464
14	Genetic Dissection of<i>Verticillium</i>Wilt Resistance Mediated by Tomato Ve1 Â Â Â. Plant Physiology, 2009, 150, 320-332.	4.8	448
15	Understanding Plant Immunity as a Surveillance System to Detect Invasion. Annual Review of Phytopathology, 2015, 53, 541-563.	7.8	440
16	The xylem as battleground for plant hosts and vascular wilt pathogens. Frontiers in Plant Science, 2013, 4, 97.	3.6	438
17	PLANT-MEDIATED INTERACTIONS BETWEEN PATHOGENIC MICROORGANISMS AND HERBIVOROUS ARTHROPODS. Annual Review of Entomology, 2006, 51, 663-689.	11.8	412
18	Deficiency in phytoalexin production causes enhanced susceptibility of Arabidopsis thaliana to the fungus Alternaria brassicicola. Plant Journal, 1999, 19, 163-171.	5.7	404

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19	The BRI1-Associated Kinase 1, BAK1, Has a Brassinolide-Independent Role in Plant Cell-Death Control. Current Biology, 2007, 17, 1116-1122.	3.9	356
20	Extensive chromosomal reshuffling drives evolution of virulence in an asexual pathogen. Genome Research, 2013, 23, 1271-1282.	5.5	338
21	Analysis of Two in Planta Expressed LysM Effector Homologs from the Fungus<i>Mycosphaerella graminicola</i>Reveals Novel Functional Properties and Varying Contributions to Virulence on Wheat Â Â. Plant Physiology, 2011, 156, 756-769.	4.8	333
22	Defensins from Insects and Plants Interact with Fungal Glucosylceramides. Journal of Biological Chemistry, 2004, 279, 3900-3905.	3.4	320
23	Study of the Role of Antimicrobial Glucosinolate-Derived Isothiocyanates in Resistance of Arabidopsis to Microbial Pathogens. Plant Physiology, 2001, 125, 1688-1699.	4.8	311
24	Transposons passively and actively contribute to evolution of the two-speed genome of a fungal pathogen. Genome Research, 2016, 26, 1091-1100.	5.5	308
25	The novel <i>Cladosporium fulvum</i> lysin motif effector Ecp6 is a virulence factor with orthologues in other fungal species. Molecular Microbiology, 2008, 69, 119-136.	2.5	275
26	Receptor-like kinase SOBIR1/EVR interacts with receptor-like proteins in plant immunity against fungal infection. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10010-10015.	7.1	272
27	Control of the pattern-recognition receptor EFR by an ER protein complex in plant immunity. EMBO Journal, 2009, 28, 3428-3438.	7.8	267
28	A Genome-Wide Functional Investigation into the Roles of Receptor-Like Proteins in Arabidopsis Â Â. Plant Physiology, 2008, 147, 503-517.	4.8	266
29	Emerging Viral Diseases of Tomato Crops. Molecular Plant-Microbe Interactions, 2010, 23, 539-548.	2.6	264
30	Interfamily Transfer of Tomato<i>Ve1</i>Mediates<i>Verticillium</i>Resistance in Arabidopsis Â Â Â. Plant Physiology, 2011, 156, 2255-2265.	4.8	250
31	Fungal LysM effectors: extinguishers of host immunity?. Trends in Microbiology, 2009, 17, 151-157.	7.7	243
32	Filamentous pathogen effector functions: of pathogens, hosts and microbiomes. Current Opinion in Plant Biology, 2014, 20, 96-103.	7.1	242
33	The battle for chitin recognition in plant-microbe interactions. FEMS Microbiology Reviews, 2015, 39, 171-183.	8.6	238
34	The<i>Cladosporium fulvum</i>Virulence Protein Avr2 Inhibits Host Proteases Required for Basal Defense Â. Plant Cell, 2008, 20, 1948-1963.	6.6	230
35	The Chitin-Binding <i>Cladosporium fulvum</i> Effector Protein Avr4 Is a Virulence Factor. Molecular Plant-Microbe Interactions, 2007, 20, 1092-1101.	2.6	223
36	The EDS1â€"PAD4â€"ADR1 node mediates Arabidopsis pattern-triggered immunity. Nature, 2021, 598, 495-499.	27.8	223

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37	Cladosporium fulvum (syn. Passalora fulva), a highly specialized plant pathogen as a model for functional studies on plant pathogenic Mycosphaerellaceae. Molecular Plant Pathology, 2005, 6, 379-393.	4.2	217
38	Fungal effector Ecp6 outcompetes host immune receptor for chitin binding through intrachain LysM dimerization. ELife, 2013, 2, e00790.	6.0	217
39	How filamentous pathogens co-opt plants: the ins and outs of fungal effectors. Current Opinion in Plant Biology, 2011, 14, 400-406.	7.1	211
40	Evidence for Functional Diversification Within a Fungal NEP1-Like Protein Family. Molecular Plant-Microbe Interactions, 2013, 26, 278-286.	2.6	192
41	RNA silencing is required for Arabidopsis defence against Verticillium wilt disease. Journal of Experimental Botany, 2009, 60, 591-602.	4.8	189
42	Real-time PCR for detection and quantification of fungal and oomycete tomato pathogens in plant and soil samples. Plant Science, 2006, 171, 155-165.	3.6	183
43	Recent advances in molecular techniques to study microbial communities in food-associated matrices and processes. Food Microbiology, 2008, 25, 745-761.	4.2	174
44	Therapeutic potential of antifungal plant and insect defensins. Drug Discovery Today, 2007, 12, 966-971.	6.4	170
45	Worse Comes to Worst: Bananas and Panama Diseaseâ€"When Plant and Pathogen Clones Meet. PLoS Pathogens, 2015, 11, e1005197.	4.7	167
46	LysM Effectors: Secreted Proteins Supporting Fungal Life. PLoS Pathogens, 2013, 9, e1003769.	4.7	166
47	<i>Colletotrichum higginsianum</i> extracellular LysM proteins play dual roles in appressorial function and suppression of chitinâ€triggered plant immunity. New Phytologist, 2016, 211, 1323-1337.	7.3	155
48	Arabidopsis <i>wat1</i> (<i>walls are thin1</i>)â€mediated resistance to the bacterial vascular pathogen, <i>Ralstonia solanacearum</i>, is accompanied by crossâ€regulation of salicylic acid and tryptophan metabolism. Plant Journal, 2013, 73, 225-239.	5.7	154
49	Molecular mechanisms of pathogenicity: how do pathogenic microorganisms develop cross-kingdom host jumps?. FEMS Microbiology Reviews, 2007, 31, 239-277.	8.6	149
50	Single-Molecule Real-Time Sequencing Combined with Optical Mapping Yields Completely Finished Fungal Genome. MBio, 2015, 6, .	4.1	141
51	SodERF3, a Novel Sugarcane Ethylene Responsive Factor (ERF), Enhances Salt and Drought Tolerance when Overexpressed in Tobacco Plants. Plant and Cell Physiology, 2008, 49, 512-525.	3.1	134
52	Design and development of a DNA array for rapid detection and identification of multiple tomato vascular wilt pathogens. FEMS Microbiology Letters, 2003, 223, 113-122.	1.8	131
53	Quantification of disease progression of several microbial pathogens onArabidopsis thalianausing real-time fluorescence PCR. FEMS Microbiology Letters, 2003, 228, 241-248.	1.8	128
54	Recent Developments in Pathogen Detection Arrays: Implications for Fungal Plant Pathogens and Use in Practice. Phytopathology, 2005, 95, 1374-1380.	2.2	127

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55	Identification of tomato phosphatidylinositol-specific phospholipase-C (PI-PLC) family members and the role of PLC4 and PLC6 in HR and disease resistance. Plant Journal, 2010, 62, 224-239.	5.7	127
56	Quantitative assessment of phytopathogenic fungi in various substrates using a DNA macroarray. Environmental Microbiology, 2005, 7, 1698-1710.	3.8	125
57	Sex or no sex: Evolutionary adaptation occurs regardless. BioEssays, 2014, 36, 335-345.	2.5	123
58	<i>Verticillium dahliae</i> LysM effectors differentially contribute to virulence on plant hosts. Molecular Plant Pathology, 2017, 18, 596-608.	4.2	122
59	Disease development of several fungi on Arabidopsis can be reduced by treatment with methyl jasmonate. Plant Physiology and Biochemistry, 2000, 38, 421-427.	5.8	121
60	<i>Pepino mosaic virus</i>: a successful pathogen that rapidly evolved from emerging to endemic in tomato crops. Molecular Plant Pathology, 2010, 11, 179-189.	4.2	121
61	Microbiome manipulation by a soil-borne fungal plant pathogen using effector proteins. Nature Plants, 2020, 6, 1365-1374.	9.3	118
62	Metabolomics of tomato xylem sap during bacterial wilt reveals <i>Ralstonia solanacearum</i> produces abundant putrescine, a metabolite that accelerates wilt disease. Environmental Microbiology, 2018, 20, 1330-1349.	3.8	114
63	Transposable Elements Direct The Coevolution between Plants and Microbes. Trends in Genetics, 2017, 33, 842-851.	6.7	113
64	Mind the gap; seven reasons to close fragmented genome assemblies. Fungal Genetics and Biology, 2016, 90, 24-30.	2.1	108
65	Interspecific hybridization impacts host range and pathogenicity of filamentous microbes. Current Opinion in Microbiology, 2016, 32, 7-13.	5.1	103
66	Characterisation of anArabidopsis-Leptosphaeria maculanspathosystem: resistance partially requires camalexin biosynthesis and is independent of salicylic acid, ethylene and jasmonic acid signalling. Plant Journal, 2004, 37, 9-20.	5.7	100
67	A robust identification and detection assay to discriminate the cucumber pathogens Fusarium oxysporum f. sp. cucumerinum and f. sp. radicis-cucumerinum. Environmental Microbiology, 2007, 9, 2145-2161.	3.8	98
68	Genomics Spurs Rapid Advances in Our Understanding of the Biology of Vascular Wilt Pathogens in the Genus <i>Verticillium</i>. Annual Review of Phytopathology, 2015, 53, 181-198.	7.8	96
69	Stress and sexual reproduction affect the dynamics of the wheat pathogen effector AvrStb6 and strobilurin resistance. Nature Genetics, 2018, 50, 375-380.	21.4	96
70	The jasmonate-insensitive mutant jin1 shows increased resistance to biotrophic as well as necrotrophic pathogens. Molecular Plant Pathology, 2004, 5, 425-434.	4.2	95
71	<i>Verticillium longisporum</i>, the invisible threat to oilseed rape and other brassicaceous plant hosts. Molecular Plant Pathology, 2016, 17, 1004-1016.	4.2	93
72	Hostâ€induced gene silencing compromises Verticillium wilt in tomato and <i>Arabidopsis</i>. Molecular Plant Pathology, 2018, 19, 77-89.	4.2	93

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73	Different micro-organisms differentially induce Arabidopsis disease response pathways. Plant Physiology and Biochemistry, 2001, 39, 673-680.	5.8	92
74	The role of chitin detection in plantâ€"pathogen interactions. Microbes and Infection, 2011, 13, 1168-1176.	1.9	90
75	Esa1 , an Arabidopsis mutant with enhanced susceptibility to a range of necrotrophic fungal pathogens, shows a distorted induction of defense responses by reactive oxygen generating compounds. Plant Journal, 2002, 29, 131-140.	5.7	89
76	A lysin motif effector subverts chitinâ€triggered immunity to facilitate arbuscular mycorrhizal symbiosis. New Phytologist, 2020, 225, 448-460.	7.3	87
77	<i>Verticillium dahliae</i> Sge1 Differentially Regulates Expression of Candidate Effector Genes. Molecular Plant-Microbe Interactions, 2013, 26, 249-256.	2.6	86
78	Plant pathogen effector proteins as manipulators of host microbiomes?. Molecular Plant Pathology, 2018, 19, 257-259.	4.2	84
79	Tools of the crookâ€•infection strategies of fungal plant pathogens. Plant Journal, 2018, 93, 664-674.	5.7	83
80	<i>NmDef02</i>, a novel antimicrobial gene isolated from <i>Nicotiana megalosiphon</i> confers highâ€level pathogen resistance under greenhouse and field conditions. Plant Biotechnology Journal, 2010, 8, 678-690.	8.3	80
81	Differential Tomato Transcriptomic Responses Induced by Pepino Mosaic Virus Isolates with Differential Aggressiveness. Plant Physiology, 2011, 156, 301-318.	4.8	76
82	Arabidopsis <scp>CLAVATA</scp>1 and <scp>CLAVATA</scp>2 receptors contribute toÂ<i>Ralstonia solanacearum</i> pathogenicity through a miR169â€dependent pathway. New Phytologist, 2016, 211, 502-515.	7.3	74
83	Chitin-Binding Protein of <i>Verticillium nonalfalfae</i> Disguises Fungus from Plant Chitinases and Suppresses Chitin-Triggered Host Immunity. Molecular Plant-Microbe Interactions, 2019, 32, 1378-1390.	2.6	72
84	Redefining plant systems biology: from cell to ecosystem. Trends in Plant Science, 2011, 16, 183-190.	8.8	70
85	Evolution within the fungal genus <i>Verticillium</i> is characterized by chromosomal rearrangement and gene loss. Environmental Microbiology, 2018, 20, 1362-1373.	3.8	70
86	The complexity of nitrogen metabolism and nitrogen-regulated gene expression in plant pathogenic fungi. Physiological and Molecular Plant Pathology, 2008, 72, 104-110.	2.5	64
87	Chromatin Biology Impacts Adaptive Evolution of Filamentous Plant Pathogens. PLoS Pathogens, 2016, 12, e1005920.	4.7	64
88	Endoplasmic Reticulum-Quality Control Chaperones Facilitate the Biogenesis of Cf Receptor-Like Proteins Involved in Pathogen Resistance of Tomato Â Â. Plant Physiology, 2012, 159, 1819-1833.	4.8	63
89	Tomato Transcriptional Responses to a Foliar and a Vascular Fungal Pathogen Are Distinct. Molecular Plant-Microbe Interactions, 2009, 22, 245-258.	2.6	61
90	The Genome of the Saprophytic Fungus <i>Verticillium tricorpus</i> Reveals a Complex Effector Repertoire Resembling That of Its Pathogenic Relatives. Molecular Plant-Microbe Interactions, 2015, 28, 362-373.	2.6	61

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91	Convergent evolution of filamentous microbes towards evasion of glycanâ€triggered immunity. New Phytologist, 2016, 212, 896-901.	7.3	61
92	Gene cluster conservation provides insight into cercosporin biosynthesis and extends production to the genus <i>Colletotrichum</i>. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5459-E5466.	7.1	61
93	Broad taxonomic characterization of Verticillium wilt resistance genes reveals an ancient origin of the tomato Ve1 immune receptor. Molecular Plant Pathology, 2017, 18, 195-209.	4.2	58
94	<i>Pepino mosaic virus</i> isolates and differential symptomatology in tomato. Plant Pathology, 2009, 58, 450-460.	2.4	57
95	Transfer and engineering of immune receptors to improve recognition capacities in crops. Current Opinion in Plant Biology, 2017, 38, 42-49.	7.1	57
96	Identification of sugarcane genes induced in disease-resistant somaclones upon inoculation with Ustilago scitaminea or Bipolaris sacchari. Plant Physiology and Biochemistry, 2005, 43, 1115-1121.	5.8	53
97	Tissue-specific expression of plant defensin genes PDF2.1 and PDF2.2 in Arabidopsis thaliana. Plant Physiology and Biochemistry, 1998, 36, 533-537.	5.8	51
98	Detecting single nucleotide polymorphisms using DNA arrays for plant pathogen diagnosis. FEMS Microbiology Letters, 2006, 255, 129-139.	1.8	50
99	Optimized Agroinfiltration and Virus-Induced Gene Silencing to Study Ve1-Mediated <i>Verticillium</i> Resistance in Tobacco. Molecular Plant-Microbe Interactions, 2013, 26, 182-190.	2.6	50
100	Nitrogen controls in planta expression of Cladosporium fulvum Avr9 but no other effector genes. Molecular Plant Pathology, 2006, 7, 125-130.	4.2	48
101	Functional Analysis of the Tomato Immune Receptor Ve1 through Domain Swaps with Its Non-Functional Homolog Ve2. PLoS ONE, 2014, 9, e88208.	2.5	46
102	Transfer of tomato immune receptor Ve1 confers Ave1â€dependent <i>Verticillium</i> resistance in tobacco and cotton. Plant Biotechnology Journal, 2018, 16, 638-648.	8.3	45
103	Long-Read Annotation: Automated Eukaryotic Genome Annotation Based on Long-Read cDNA Sequencing. Plant Physiology, 2019, 179, 38-54.	4.8	45
104	An ancient antimicrobial protein co-opted by a fungal plant pathogen for in planta mycobiome manipulation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	45
105	<i><scp>V</scp>e1</i>â€mediated resistance against <i><scp>V</scp>erticillium</i> does not involve a hypersensitive response in <scp>A</scp>rabidopsis. Molecular Plant Pathology, 2013, 14, 719-727.	4.2	44
106	A secreted LysM effector protects fungal hyphae through chitin-dependent homodimer polymerization. PLoS Pathogens, 2020, 16, e1008652.	4.7	44
107	The transcriptome ofVerticillium dahliae-infectedNicotiana benthamianadetermined by deep RNA sequencing. Plant Signaling and Behavior, 2012, 7, 1065-1069.	2.4	42
108	<scp>PIRIN</scp>2 stabilizes cysteine protease <scp>XCP</scp>2 and increases susceptibility to the vascular pathogen <i>Ralstonia solanacearum</i> in Arabidopsis. Plant Journal, 2014, 79, 1009-1019.	5.7	41

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109	The Age of Effectors: Genome-Based Discovery and Applications. Phytopathology, 2016, 106, 1206-1212.	2.2	40
110	Evolutionary relationships between Fusarium oxysporum f. sp. lycopersici and F. oxysporum f. sp. radicis-lycopersici isolates inferred from mating type, elongation factor-1Î± and exopolygalacturonase sequences. Mycological Research, 2009, 113, 1181-1191.	2.5	38
111	Soybean production in eastern and southern Africa and threat of yield loss due to soybean rust caused by <i>Phakopsora pachyrhizi</i>. Plant Pathology, 2016, 65, 176-188.	2.4	38
112	A unique chromatin profile defines adaptive genomic regions in a fungal plant pathogen. ELife, 2020, 9, .	6.0	37
113	Functional Analyses of the CLAVATA2-Like Proteins and Their Domains That Contribute to CLAVATA2 Specificity. Plant Physiology, 2009, 152, 320-331.	4.8	36
114	Crossâ€protection or enhanced symptom display in greenhouse tomato coâ€infected with different <i>Pepino mosaic virus</i> isolates. Plant Pathology, 2010, 59, 13-21.	2.4	36
115	The <i>Arabidopsis thaliana</i> DNA-Binding Protein AHL19 Mediates Verticillium Wilt Resistance. Molecular Plant-Microbe Interactions, 2011, 24, 1582-1591.	2.6	36
116	Structureâ€function Aspects of Extracellular Leucineâ€rich Repeatâ€containing Cell Surface Receptors in Plants. Journal of Integrative Plant Biology, 2013, 55, 1212-1223.	8.5	36
117	Dynamic virulenceâ€related regions of the plant pathogenic fungus <i>Verticillium dahliae</i> display enhanced sequence conservation. Molecular Ecology, 2019, 28, 3482-3495.	3.9	34
118	Chaperones of the endoplasmic reticulum are required for Ve1 â€mediated resistance to V erticillium. Molecular Plant Pathology, 2014, 15, 109-117.	4.2	33
119	Get your high-quality low-cost genome sequence. Trends in Plant Science, 2014, 19, 288-291.	8.8	33
120	Mutational Analysis of the Ve1 Immune Receptor That Mediates Verticillium Resistance in Tomato. PLoS ONE, 2014, 9, e99511.	2.5	33
121	Ratio of mutated versus wildâ€type coat protein sequences in <i><scp>P</scp>epino mosaic virus</i> determines the nature and severity of yellowing symptoms on tomato plants. Molecular Plant Pathology, 2013, 14, 923-933.	4.2	32
122	Comparative genomics reveals the <i>in plantaâ€</i>secreted <i>Verticillium dahliae</i> Av2 effector protein recognized in tomato plants that carry the <scp><i>V2</i></scp> resistance locus. Environmental Microbiology, 2021, 23, 1941-1958.	3.8	32
123	The Brassicaceae-Specific EWR1 Gene Provides Resistance to Vascular Wilt Pathogens. PLoS ONE, 2014, 9, e88230.	2.5	32
124	Three LysM effectors of <i>Zymoseptoria tritici</i> collectively disarm chitinâ€triggered plant immunity. Molecular Plant Pathology, 2021, 22, 683-693.	4.2	31
125	Affinity-tags are removed from Cladosporium fulvum effector proteins expressed in the tomato leaf apoplast. Journal of Experimental Botany, 2006, 57, 599-608.	4.8	30
126	RNA-sequencing of Cercospora beticola DMI-sensitive and -resistant isolates after treatment with tetraconazole identifies common and contrasting pathway induction. Fungal Genetics and Biology, 2016, 92, 1-13.	2.1	30

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127	The Arabidopsis defense response mutant esa1 as a model to discover novel resistance traits against Fusarium diseases. Plant Science, 2006, 171, 585-595.	3.6	27
128	Affinity of Avr2 for tomato cysteine protease Rcr3 correlates with the Avr2â€triggered Cfâ€2â€mediated hypersensitive response. Molecular Plant Pathology, 2011, 12, 21-30.	4.2	23
129	Rhamnose synthase activity is required for pathogenicity of the vascular wilt fungus <i>Verticillium dahliae</i>. Molecular Plant Pathology, 2017, 18, 347-362.	4.2	23
130	A distinct and genetically diverse lineage of the hybrid fungal pathogen <i>Verticillium longisporum</i> population causes stem striping in British oilseed rape. Environmental Microbiology, 2017, 19, 3997-4009.	3.8	23
131	The Arabidopsis mutant iop1 exhibits induced over-expression of the plant defensin gene PDF1.2 and enhanced pathogen resistance. Molecular Plant Pathology, 2003, 4, 479-486.	4.2	22
132	Disease induction by human microbial pathogens in plant-model systems: potential, problems and prospects. Drug Discovery Today, 2007, 12, 167-173.	6.4	20
133	Challenges in plant cellular pathway reconstruction based on gene expression profiling. Trends in Plant Science, 2008, 13, 44-50.	8.8	20
134	The Genome of the Fungal Pathogen<i>Verticillium dahliae</i>Reveals Extensive Bacterial to Fungal Gene Transfer. Genome Biology and Evolution, 2019, 11, 855-868.	2.5	18
135	EIL2 Transcription Factor and Glutathione Synthetase Are Required for Defense of Tobacco Against Tobacco Blue Mold. Molecular Plant-Microbe Interactions, 2006, 19, 399-406.	2.6	17
136	Gene cluster conservation identifies melanin and perylenequinone biosynthesis pathways in multiple plant pathogenic fungi. Environmental Microbiology, 2019, 21, 913-927.	3.8	16
137	The heterothallic sugarbeet pathogen Cercospora beticola contains exon fragments of both MAT genes that are homogenized by concerted evolution. Fungal Genetics and Biology, 2014, 62, 43-54.	2.1	15
138	The Emerging British <i>Verticillium longisporum</i> Population Consists of Aggressive <i>Brassica</i> Pathogens. Phytopathology, 2017, 107, 1399-1405.	2.2	15
139	Disturbed correlation between fungal biomass and Î²-glucuronidase activity in infections of Arabidopsis thaliana with transgenic Alternaria brassicicola. Plant Science, 1999, 148, 31-36.	3.6	14
140	<i>In silico</i> prediction and characterisation of secondary metabolite clusters in the plant pathogenic fungus <i>Verticillium dahliae</i>. FEMS Microbiology Letters, 2019, 366, .	1.8	14
141	Identification and characterization of <i>Cercospora beticola</i> necrosisâ€inducing effector CbNip1. Molecular Plant Pathology, 2021, 22, 301-316.	4.2	14
142	Local Rather than Global H3K27me3 Dynamics Are Associated with Differential Gene Expression in Verticillium dahliae. MBio, 2022, 13, e0356621.	4.1	14
143	Microbiota manipulation through the secretion of effector proteins is fundamental to the wealth of lifestyles in the fungal kingdom. FEMS Microbiology Reviews, 2022, 46, .	8.6	14
144	Gene silencing to investigate the roles of receptor-like proteins in Arabidopsis. Plant Signaling and Behavior, 2008, 3, 893-896.	2.4	13

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145	Reliable detection of unevenly distributed <i>Verticillium dahliae</i> in diseased olive trees. Plant Pathology, 2017, 66, 641-650.	2.4	13
146	Genome Sequence of a Lethal Strain of Xylem-Invading <i>Verticillium nonalfalfae</i>. Genome Announcements, 2018, 6, .	0.8	13
147	Draft Genome Sequence of a Strain of Cosmopolitan Fungus Trichoderma atroviride. Genome Announcements, 2015, 3, .	0.8	10
148	Phenotypical and molecular characterization of the Tomato mottle Taino virusâ€“Nicotiana megalosiphon interaction. Physiological and Molecular Plant Pathology, 2005, 67, 231-236.	2.5	9
149	Three putative DNA methyltransferases of Verticillium dahliae differentially contribute to DNA methylation that is dispensable for growth, development and virulence. Epigenetics and Chromatin, 2021, 14, 21.	3.9	8
150	The Interspecific Fungal Hybrid <i>Verticillium longisporum</i> Displays Subgenome-Specific Gene Expression. MBio, 2021, 12, e0149621.	4.1	8
151	Tobacco blue mould disease caused by <i>Peronospora hyoscyami</i> f. sp. <i>tabacina</i>. Molecular Plant Pathology, 2010, 11, 13-18.	4.2	7
152	A 20â€kb lineageâ€specific genomic region tames virulence in pathogenic amphidiploid Verticillium longisporum. Molecular Plant Pathology, 2021, 22, 939-953.	4.2	6
153	Targeting microbial pathogens. Science, 2018, 360, 1070-1071.	12.6	5
154	First Report of <i>Neonectria candida</i> Causing Postharvest Decay on â€˜Conferenceâ€™ Pears in the Netherlands. Plant Disease, 2016, 100, 1787-1787.	1.4	5
155	Assessing populations of a disease suppressive microorganism and a plant pathogen using DNA arrays. Plant Science, 2007, 172, 505-514.	3.6	4
156	MAMP-triggered Medium Alkalinization of Plant Cell Cultures. Bio-protocol, 2020, 10, e3588.	0.4	2
157	Editorial overview: The fungal infection arena in animal and plant hosts: dynamics at the interface. Current Opinion in Microbiology, 2016, 32, v-vii.	5.1	1