Francine Govers

List of Publications by Year
in descending order

162 papers	14,341 citations	20759 60 h-index	21474 114 g-index
172 all docs	172 docs citations	172 times ranked	7377 citing authors

#	Article	IF	Citations
1	Genome sequence and analysis of the Irish potato famine pathogen Phytophthora infestans. Nature, 2009, 461, 393-398.	13.7	1,405
2	Phytophthora Genome Sequences Uncover Evolutionary Origins and Mechanisms of Pathogenesis. Science, 2006, 313, 1261-1266.	6.0	1,059
3	The Top 10 oomycete pathogens in molecular plant pathology. Molecular Plant Pathology, 2015, 16, 413-434.	2.0	695
4	Signatures of Adaptation to Obligate Biotrophy in the <i>Hyaloperonospora arabidopsidis</i> Genome. Science, 2010, 330, 1549-1551.	6.0	492
5	RXLR effector reservoir in two <i>Phytophthora</i> species is dominated by a single rapidly evolving superfamily with more than 700 members. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4874-4879.	3.3	409
6	Genome sequence of the necrotrophic plant pathogen Pythium ultimum reveals original pathogenicity mechanisms and effector repertoire. Genome Biology, 2010, 11, R73.	13.9	391
7	Resistance of Nicotiana benthamiana to Phytophthora infestans Is Mediated by the Recognition of the Elicitor Protein INF1. Plant Cell, 1998, 10, 1413-1425.	3.1	371
8	Effector Genomics Accelerates Discovery and Functional Profiling of Potato Disease Resistance and Phytophthora Infestans Avirulence Genes. PLoS ONE, 2008, 3, e2875.	1.1	361
9	Oomycetes and fungi: similar weaponry to attack plants. Trends in Microbiology, 2003, 11, 462-469.	3.5	287
10	The Genus <i>Phytophthora</i> Anno 2012. Phytopathology, 2012, 102, 348-364.	1.1	272
11	A Gene Encoding a Protein Elicitor of Phytophthora infestans Is Down-Regulated During Infection of Potato. Molecular Plant-Microbe Interactions, 1997, 10, 13-20.	1.4	233
12	Elicitin recognition confers enhanced resistance to Phytophthora infestans in potato. Nature Plants, 2015, 1, 15034.	4.7	229
13	The Lectin Receptor Kinase LecRK-I.9 Is a Novel Phytophthora Resistance Component and a Potential Host Target for a RXLR Effector. PLoS Pathogens, 2011, 7, e1001327.	2.1	223
14	Distinctive Expansion of Potential Virulence Genes in the Genome of the Oomycete Fish Pathogen Saprolegnia parasitica. PLoS Genetics, 2013, 9, e1003272.	1.5	221
15	The hypersensitive response is associated with host and nonhost resistance to Phytophthora infestans. Planta, 2000, 210, 853-864.	1.6	217
16	Characterization of cDNA for nodulin-75 of soybean: A gene product involved in early stages of root nodule development. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 4495-4499.	3.3	191
17	DNA fingerprinting uncovers a new sexually reproducing population ofPhytophthora infestans in the Netherlands. European Journal of Plant Pathology, 1994, 100, 97-107.	0.8	174
18	Arabidopsis L-type lectin receptor kinases: phylogeny, classification, and expression profiles. Journal of Experimental Botany, 2009, 60, 4383-4396.	2.4	174

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19	Internuclear Gene Silencing in Phytophthora infestans. Molecular Cell, 1999, 3, 339-348.	4.5	168
20	Lectin Receptor Kinases Participate in Protein-Protein Interactions to Mediate Plasma Membrane-Cell Wall Adhesions in Arabidopsis. Plant Physiology, 2006, 140, 81-90.	2.3	165
21	Large-Scale Gene Discovery in the Oomycete Phytophthora infestans Reveals Likely Components of Phytopathogenicity Shared with True Fungi. Molecular Plant-Microbe Interactions, 2005, 18, 229-243.	1.4	160
22	Initial Assessment of Gene Diversity for the Oomycete Pathogen Phytophthora infestans Based on Expressed Sequences. Fungal Genetics and Biology, 1999, 28, 94-106.	0.9	159
23	Independent pathways leading to apoptotic cell death, oxidative burst and defense gene expression in response to elicitin in tobacco cell suspension culture. FEBS Journal, 2000, 267, 5005-5013.	0.2	151
24	Formation and survival of oospores of Phytophthora infestans under natural conditions. Plant Pathology, 1995, 44, 86-94.	1.2	147
25	AFLP Linkage Map of the OomycetePhytophthora infestans. Fungal Genetics and Biology, 1997, 21, 278-291.	0.9	147
26	Title is missing!. European Journal of Plant Pathology, 1999, 105, 241-250.	0.8	146
27	The <i>Phytophthora infestans</i> Avirulence Gene <i>Avr4</i> Encodes an RXLR-dEER Effector. Molecular Plant-Microbe Interactions, 2008, 21, 1460-1470.	1.4	144
28	Presence/absence, differential expression and sequence polymorphisms between <i>PiAVR2</i> and <i>PiAVR2â€like</i> in <i>Phytophthora infestans</i> determine virulence on <i>R2</i> plants. New Phytologist, 2011, 191, 763-776.	3.5	142
29	Genome analyses of the sunflower pathogen Plasmopara halstedii provide insights into effector evolution in downy mildews and Phytophthora. BMC Genomics, 2015, 16, 741.	1.2	135
30	A GÎ± subunit controls zoospore motility and virulence in the potato late blight pathogen Phytophthora infestans. Molecular Microbiology, 2004, 51, 925-936.	1.2	130
31	Ancient Origin of Elicitin Gene Clusters in Phytophthora Genomes. Molecular Biology and Evolution, 2006, 23, 338-351.	3.5	127
32	<i>Phytophthora infestans</i> Isolates Lacking Class I <i>ipiO</i> Variants Are Virulent on <i>Rpi-blb1</i> Potato. Molecular Plant-Microbe Interactions, 2009, 22, 1535-1545.	1.4	118
33	TheipiO Gene ofPhytophthora infestansIs Highly Expressed in Invading Hyphae during Infection. Fungal Genetics and Biology, 1998, 23, 126-138.	0.9	115
34	Development of Potato Late Blight Epidemics: Disease Foci, Disease Gradients, and Infection Sources. Phytopathology, 1998, 88, 754-763.	1.1	106
35	Gene Expression Profiling During Asexual Development of the Late Blight Pathogen <i>Phytophthora infestans</i> Reveals a Highly Dynamic Transcriptome. Molecular Plant-Microbe Interactions, 2008, 21, 433-447.	1.4	105
36	Expression of plant genes during the development of pea root nodules. EMBO Journal, 1985, 4, 861-867.	3.5	99

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37	Structure and genomic organization of the ipiB and ipiO gene clusters of Phytophthora infestans. Gene, 1994, 138, 67-77.	1.0	95
38	A <i>Phytophthora sojae</i> G-Protein Î± Subunit Is Involved in Chemotaxis to Soybean Isoflavones. Eukaryotic Cell, 2008, 7, 2133-2140.	3.4	95
39	Phytophthora infestans RXLR effector AVR1 interacts with exocyst component Sec5 to manipulate plant immunity. Plant Physiology, 2015, 169, pp.01169.2015.	2.3	95
40	Profiling the Secretome and Extracellular Proteome of the Potato Late Blight Pathogen Phytophthora infestans. Molecular and Cellular Proteomics, 2014, 13, 2101-2113.	2.5	90
41	A Phytophthora infestans G-Protein Î² Subunit Is Involved in Sporangium Formation. Eukaryotic Cell, 2003, 2, 971-977.	3.4	89
42	Infection of <i>Arabidopsis thaliana</i> by <i>Phytophthora parasitica</i> and identification of variation in host specificity. Molecular Plant Pathology, 2011, 12, 187-201.	2.0	88
43	A novel <scp>A</scp>rabidopsisâ€“oomycete pathosystem: differential interactions with <i><scp>P</scp>hytophthora capsici</i> reveal a role for camalexin, indole glucosinolates and salicylic acid in defence. Plant, Cell and Environment, 2013, 36, 1192-1203.	2.8	88
44	The <i>Arabidopsis thaliana</i> lectin receptor kinase LecRKâ€‘I.9 is required for full resistance to <i>Pseudomonas syringae</i> and affects jasmonate signalling. Molecular Plant Pathology, 2017, 18, 937-948.	2.0	88
45	The Arabidopsis lectin receptor kinase Lec<scp>RK</scp>â€‘I.9 enhances resistance to <i>Phytophthora infestans</i> in Solanaceous plants. Plant Biotechnology Journal, 2014, 12, 10-16.	4.1	85
46	Mapping of Avirulence Genes in Phytophthora infestans With Amplified Fragment Length Polymorphism Markers Selected by Bulked Segregant Analysis. Genetics, 2001, 157, 949-956.	1.2	84
47	High affinity recognition of a Phytophthora protein by Arabidopsis via an RGD motif. Cellular and Molecular Life Sciences, 2004, 61, 502-509.	2.4	80
48	A Novel Class of Elicitin-like Genes from Phytophthora infestans. Molecular Plant-Microbe Interactions, 1997, 10, 1028-1030.	1.4	79
49	A Domain-Centric Analysis of Oomycete Plant Pathogen Genomes Reveals Unique Protein Organization Â Â. Plant Physiology, 2011, 155, 628-644.	2.3	79
50	Agrobacterium tumefaciens mediated transformation of the oomycete plant pathogen Phytophthora infestans. Molecular Plant Pathology, 2003, 4, 459-467.	2.0	78
51	<i>Arabidopsis</i> Lectin Receptor Kinases LecRK-IX.1 and LecRK-IX.2 Are Functional Analogs in Regulating <i>Phytophthora</i> Resistance and Plant Cell Death. Molecular Plant-Microbe Interactions, 2015, 28, 1032-1048.	1.4	78
52	Population Dynamics of<i>Phytophthora infestans</i>in the Netherlands Reveals Expansion and Spread of Dominant Clonal Lineages and Virulence in Sexual Offspring. G3: Genes, Genomes, Genetics, 2012, 2, 1529-1540.	0.8	74
53	Does basal PR gene expression in Solanum species contribute to non-specific resistance toPhytophthora infestans ?. Physiological and Molecular Plant Pathology, 2000, 57, 35-42.	1.3	73
54	Expression of the Phytophthora infestans ipiB and ipiO genes in planta and in vitro. Molecular Genetics and Genomics, 1994, 244, 269-277.	2.4	72

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55	Internuclear gene silencing in Phytophthora infestans is established through chromatin remodelling. Microbiology (United Kingdom), 2008, 154, 1482-1490.	0.7	71
56	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2010 â€“ 31 May 2010. Molecular Ecology Resources, 2010, 10, 1098-1105.	2.2	71
57	Phenotypic Analyses of <i>Arabidopsis</i> T-DNA Insertion Lines and Expression Profiling Reveal That Multiple L-Type Lectin Receptor Kinases Are Involved in Plant Immunity. Molecular Plant-Microbe Interactions, 2014, 27, 1390-1402.	1.4	71
58	Characterization of a wheat HSP70 gene and its expression in response to stripe rust infection and abiotic stresses. Molecular Biology Reports, 2011, 38, 301-307.	1.0	70
59	Identification of Cell Wall-Associated Proteins from Phytophthora ramorum. Molecular Plant-Microbe Interactions, 2006, 19, 1348-1358.	1.4	69
60	Title is missing!. European Journal of Plant Pathology, 2000, 106, 667-680.	0.8	68
61	Phytophthora Genomics: The Plant Destroyers' Genome Decoded. Molecular Plant-Microbe Interactions, 2006, 19, 1295-1301.	1.4	63
62	Immune activation mediated by the late blight resistance protein R1 requires nuclear localization of R1 and the effector <scp>AVR</scp>1. New Phytologist, 2015, 207, 735-747.	3.5	58
63	High-Density Genetic Linkage Maps of Phytophthora infestans Reveal Trisomic Progeny and Chromosomal Rearrangements. Genetics, 2004, 167, 1643-1661.	1.2	57
64	Rhizobium nod genes are involved in inducing an early nodulin gene. Nature, 1986, 323, 564-566.	13.7	56
65	The occurrence of the A2 mating type of Phytophthora infestans in the Netherlands; significance and consequences. European Journal of Plant Pathology, 1993, 99, 57-67.	0.5	56
66	Differences in Intensity and Specificity of Hypersensitive Response Induction in Nicotiana spp. by INF1, INF2A, and INF2B of Phytophthora infestans. Molecular Plant-Microbe Interactions, 2005, 18, 183-193.	1.4	56
67	Agroinfection-based high-throughput screening reveals specific recognition of INF elicitins in Solanum. Molecular Plant Pathology, 2006, 7, 499-510.	2.0	50
68	Physical mapping across an avirulence locus of Phytophthora infestans using a highly representative, large-insert bacterial artificial chromosome library. Molecular Genetics and Genomics, 2001, 266, 289-295.	1.0	49
69	Ectopic expression of Arabidopsis L-type lectin receptor kinase genes LecRK-I.9 and LecRK-IX.1 in Nicotiana benthamiana confers Phytophthora resistance. Plant Cell Reports, 2016, 35, 845-855.	2.8	49
70	Increased Expression of the Calmodulin Gene of the Late Blight FungusPhytophthora infestansDuring Pathogenesis on Potato. Molecular Plant-Microbe Interactions, 1993, 6, 164.	1.4	49
71	L-type lectin receptor kinases inNicotiana benthamianaand tomato and their role inPhytophthoraresistance. Journal of Experimental Botany, 2015, 66, 6731-6743.	2.4	48
72	Comparative Analysis of Phytophthora Genes Encoding Secreted Proteins Reveals Conserved Synteny and Lineage-Specific Gene Duplications and Deletions. Molecular Plant-Microbe Interactions, 2006, 19, 1311-1321.	1.4	47

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73	A Complex Interplay of Tandem- and Whole-Genome Duplication Drives Expansion of the L-Type Lectin Receptor Kinase Gene Family in the Brassicaceae. Genome Biology and Evolution, 2015, 7, 720-734.	1.1	46
74	Phospholipase D in Phytophthora infestans and Its Role in Zoospore Encystment. Molecular Plant-Microbe Interactions, 2002, 15, 939-946.	1.4	45
75	The Fungal Gene Avr9 and the Oomycete Gene inf1 Confer Avirulence to Potato Virus X on Tobacco. Molecular Plant-Microbe Interactions, 1999, 12, 459-462.	1.4	44
76	Amplification generates modular diversity at an avirulence locus in the pathogen Phytophthora. Genome Research, 2006, 16, 827-840.	2.4	44
77	Reconstruction of Oomycete Genome Evolution Identifies Differences in Evolutionary Trajectories Leading to Present-Day Large Gene Families. Genome Biology and Evolution, 2012, 4, 199-211.	1.1	44
78	A Î²-glucosidase/xylosidase from the phytopathogenic oomycete, Phytophthora infestans. Phytochemistry, 2002, 59, 689-696.	1.4	43
79	Characterization of the pea ENOD12B gene and expression analyses of the two ENOD12 genes in nodule, stem and flower tissue. Molecular Genetics and Genomics, 1991, 228, 160-166.	2.4	42
80	Elicitin genes in Phytophthora infestans are clustered and interspersed with various transposon-like elements. Molecular Genetics and Genomics, 2005, 273, 20-32.	1.0	42
81	Genomewide Analysis of Phospholipid Signaling Genes in Phytophthora spp.: Novelties and a Missing Link. Molecular Plant-Microbe Interactions, 2006, 19, 1337-1347.	1.4	40
82	Differential expression of G protein Î± and Î² subunit genes during development of Phytophthora infestans. Fungal Genetics and Biology, 2002, 36, 137-146.	0.9	37
83	Solanaceous exocyst subunits are involved in immunity to diverse plant pathogens. Journal of Experimental Botany, 2018, 69, 655-666.	2.4	37
84	<i>Phytophthora infestans</i> isolates from Northern China show high virulence diversity but low genotypic diversity. Plant Biology, 2009, 11, 57-67.	1.8	36
85	Resistance of Nicotiana benthamiana to Phytophthora infestans Is Mediated by the Recognition of the Elicitor Protein INF1. Plant Cell, 1998, 10, 1413.	3.1	35
86	Loss of Production of the Elicitor Protein INF1 in the Clonal Lineage US-1 of Phytophthora infestans. Phytopathology, 1998, 88, 1315-1323.	1.1	35
87	Cellular Responses of the Late Blight Pathogen <i>Phytophthora infestans</i> to Cyclic Lipopeptide Surfactants and Their Dependence on G Proteins. Applied and Environmental Microbiology, 2009, 75, 4950-4957.	1.4	35
88	Chemotaxis and oospore formation in <i><scp>P</scp>hytophthora sojae</i> are controlled by <scp>G</scp>â€proteinâ€coupled receptors with a phosphatidylinositol phosphate kinase domain. Molecular Microbiology, 2013, 88, 382-394.	1.2	35
89	Biologically active Phytophthora mating hormone prepared by catalytic asymmetric total synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8507-8512.	3.3	34
90	<scp>GK4</scp>, a <scp>G</scp>â€proteinâ€coupled receptor with a phosphatidylinositol phosphate kinase domain in <i><scp>P</scp>hytophthora infestans</i>, is involved in sporangia development and virulence. Molecular Microbiology, 2013, 88, 352-370.	1.2	34

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91	tef1, a Phytophthora infestans gene encoding translation elongation factor 1Î±. Gene, 2000, 249, 145-151.	1.0	33
92	Chromosomal Deletion in Isolates of Phytophthora infestans Correlates with Virulence on R3, R10, and R11 Potato Lines. Molecular Plant-Microbe Interactions, 2001, 14, 1444-1452.	1.4	33
93	Isolation and characterization of four genes encoding pyruvate, phosphate dikinase in the oomycete plant pathogen Phytophthora cinnamomi. Current Genetics, 2001, 40, 73-81.	0.8	33
94	Interaction between the moss <i>Physcomitrella patens</i> and <i>Phytophthora</i>: a novel pathosystem for liveâ€cell imaging of subcellular defence. Journal of Microscopy, 2016, 263, 171-180.	0.8	33
95	Genomeâ€wide characterization of <i>Phytophthora infestans</i> metabolism: a systems biology approach. Molecular Plant Pathology, 2018, 19, 1403-1413.	2.0	33
96	cDNA cloning and developmental expression of pea nodulin genes. Plant Molecular Biology, 1987, 8, 425-435.	2.0	32
97	Isolation of putative pathogenicity genes of the potato late blight fungus Phytophthora infestans by differential hybridization of a genomic library. Physiological and Molecular Plant Pathology, 1993, 43, 69-79.	1.3	32
98	Effects of latrunculin B on the actin cytoskeleton and hyphal growth in Phytophthora infestans. Fungal Genetics and Biology, 2012, 49, 1014-1022.	0.9	32
99	The heat shock transcription factor <scp>P</scp>s<scp>HSF</scp>1 of <scp><i>P</i></scp><i>hytophthora sojae</i> is required for oxidative stress tolerance and detoxifying the plant oxidative burst. Environmental Microbiology, 2015, 17, 1351-1364.	1.8	32
100	NiaA, the structural nitrate reductase gene of Phytophthora infestans: isolation, characterization and expression analysis in Aspergillus nidulans. Current Genetics, 1995, 27, 359-366.	0.8	31
101	Proteomic Analysis of Phytophthora infestans Reveals the Importance of Cell Wall Proteins in Pathogenicity. Molecular and Cellular Proteomics, 2017, 16, 1958-1971.	2.5	31
102	A cDNA-AFLP based strategy to identify transcripts associated with avirulence in Phytophthora infestans. Fungal Genetics and Biology, 2006, 43, 111-123.	0.9	29
103	A slicing mechanism facilitates host entry by plant-pathogenic Phytophthora. Nature Microbiology, 2021, 6, 1000-1006.	5.9	28
104	Novel phosphatidylinositol phosphate kinases with a G-protein coupled receptor signature are shared by Dictyostelium and Phytophthora. Trends in Microbiology, 2006, 14, 378-382.	3.5	27
105	Genome-wide identification of Phytophthora sojae SNARE genes and functional characterization of the conserved SNARE PsYKT6. Fungal Genetics and Biology, 2011, 48, 241-251.	0.9	27
106	Haustorium Formation in <i>Medicago truncatula</i> Roots Infected by <i>Phytophthora palmivora</i> Does Not Involve the Common Endosymbiotic Program Shared by Arbuscular Mycorrhizal Fungi and Rhizobia. Molecular Plant-Microbe Interactions, 2015, 28, 1271-1280.	1.4	27
107	Title is missing!. European Journal of Plant Pathology, 1998, 104, 521-525.	0.8	26
108	Quantitative Label-Free Phosphoproteomics of Six Different Life Stages of the Late Blight Pathogen <i>Phytophthora infestans</i> Reveals Abundant Phosphorylation of Members of the CRN Effector Family. Journal of Proteome Research, 2014, 13, 1848-1859.	1.8	26

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109	Ancient Diversification of the Pto Kinase Family Preceded Speciation in Solanum. Molecular Plant-Microbe Interactions, 2001, 14, 996-1005.	1.4	23
110	Actin dynamics in<i>P</i><i>hytophthora infestans</i>; rapidly reorganizing cables and immobile, long-lived plaques. Cellular Microbiology, 2014, 16, 948-961.	1.1	23
111	Metabolic Model of the <i>Phytophthora infestans</i> -Tomato Interaction Reveals Metabolic Switches during Host Colonization. MBio, 2019, 10, .	1.8	23
112	Recognition of <i>Phytophthora infestans</i> Avr4 by potato R4 is triggered by Câ€terminal domains comprising W motifs. Molecular Plant Pathology, 2009, 10, 611-620.	2.0	22
113	Filamentous actin accumulates during plant cell penetration and cell wall plug formation in Phytophthora infestans. Cellular and Molecular Life Sciences, 2017, 74, 909-920.	2.4	22
114	A predicted functional gene network for the plant pathogen Phytophthora infestans as a framework for genomic biology. BMC Genomics, 2013, 14, 483.	1.2	20
115	<i><scp>P</scp>hytophthora infestans</i> Field Isolates from <scp>G</scp>ansu <scp>P</scp>rovince, <scp>C</scp>hina are Genetically Highly Diverse and Show a High Frequency of Self Fertility. Journal of Eukaryotic Microbiology, 2013, 60, 79-88.	0.8	20
116	The G-protein Î³ subunit of Phytophthora infestans is involved in sporangial development. Fungal Genetics and Biology, 2018, 116, 73-82.	0.9	20
117	RXLR effector diversity in Phytophthora infestans isolates determines recognition by potato resistance proteins; the case study AVR1 and R1. Studies in Mycology, 2018, 89, 85-93.	4.5	19
118	Phytophthora infestans Has a Plethora of Phospholipase D Enzymes Including a Subclass That Has Extracellular Activity. PLoS ONE, 2011, 6, e17767.	1.1	19
119	Molecular aspects of the potato â€" Phytophthora infestans interaction. European Journal of Plant Pathology, 1992, 98, 85-92.	0.5	18
120	The mysterious route of sterols in oomycetes. PLoS Pathogens, 2021, 17, e1009591.	2.1	18
121	At the Frontier; RXLR Effectors Crossing the Phytophthora?Host Interface. Frontiers in Plant Science, 2011, 2, 75.	1.7	17
122	Microaerobiosis is not involved in the induction of pea nodulin-gene expression. Planta, 1986, 169, 513-517.	1.6	16
123	Nonneutral GC3 and Retroelement Codon Mimicry in Phytophthora. Journal of Molecular Evolution, 2006, 63, 458-472.	0.8	16
124	The Ancient Link between G-Protein-Coupled Receptors and C-Terminal Phospholipid Kinase Domains. MBio, 2018, 9, .	1.8	16
125	Misclassification of pest as 'fungus' puts vital research on wrong track. Nature, 2001, 411, 633-633.	13.7	15
126	A transmembrane phospholipase D in Phytophthora; a novel PLD subfamily. Gene, 2005, 350, 173-182.	1.0	15

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127	Differential Recognition of <i>Phytophthora infestans</i> Races in Potato <i>R4</i> Breeding Lines. Phytopathology, 2009, 99, 1150-1155.	1.1	15
128	<i>Phytophthora infestans </i>small phospholipase Dâ€like proteins elicit plant cell death and promote virulence. Molecular Plant Pathology, 2019, 20, 180-193.	2.0	15
129	The Genome of <i>Peronospora belbahrii</i> Reveals High Heterozygosity, a Low Number of Canonical Effectors, and TC-Rich Promoters. Molecular Plant-Microbe Interactions, 2020, 33, 742-753.	1.4	15
130	Rhizobium nod genes are involved in the induction of two early nodulin genes in Vicia sativa root nodules. Plant Molecular Biology, 1987, 9, 171-179.	2.0	14
131	Silencing susceptibility genes in potato hinders primary infection with <i>Phytophthora infestans</i> at different stages. Horticulture Research, 2022, 9, .	2.9	14
132	Downstream targets of the Phytophthora infestans Galpha subunit PiGPA1 revealed by cDNA-AFLP. Molecular Plant Pathology, 2004, 5, 483-494.	2.0	13
133	G protein Î± subunit suppresses sporangium formation through a serine/threonine protein kinase in Phytophthora sojae. PLoS Pathogens, 2020, 16, e1008138.	2.1	13
134	Bioinformatic Inference of Specific and General Transcription Factor Binding Sites in the Plant Pathogen Phytophthora infestans. PLoS ONE, 2012, 7, e51295.	1.1	13
135	Effector Trafficking: RXLR-dEER as Extra Gear for Delivery into Plant Cells. Plant Cell, 2008, 20, 1728-1730.	3.1	12
136	The Oomycete Phytophthora infestans, the Irish Potato Famine Pathogen. , 2015, , 371-378.		9
137	Infection of a tomato cell culture by Phytophthora infestans; a versatile tool to study Phytophthora-host interactions. Plant Methods, 2017, 13, 88.	1.9	9
138	GPCR-bigrams: Enigmatic signaling components in oomycetes. PLoS Pathogens, 2018, 14, e1007064.	2.1	9
139	Expression of Nodulin Genes During Nodule Development from Effective and Ineffective Root Nodules. , 1984, , 579-586.		9
140	FUNCTION AND REGULATION OF THE EARLY NODULIN GENE ENOD2. , 1990, , 259-269.		8
141	Ric1 , a Phytophthora infestans gene with homology to stress-induced genes. Current Genetics, 1999, 36, 310-315.	0.8	7
142	A novel method for efficient and abundant production of Phytophthora brassicae zoospores on Brussels sprout leaf discs. BMC Plant Biology, 2009, 9, 111.	1.6	7
143	Fertility Goddesses as Trojan Horses. Science, 2010, 330, 922-923.	6.0	7
144	Induced expression of defense-related genes inArabidopsisupon infection withPhytophthora capsici. Plant Signaling and Behavior, 2013, 8, e24618.	1.2	7

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145	Effect of Flumorph on F-Actin Dynamics in the Potato Late Blight Pathogen <i>Phytophthora infestans</i>. Phytopathology, 2015, 105, 419-423.	1.1	7
146	Clade 5 aspartic proteases of Phytophthora infestans are virulence factors implied in RXLR effector cleavage. European Journal of Plant Pathology, 2019, 154, 17-29.	0.8	7
147	Molecular sensors reveal the mechano-chemical response of Phytophthora infestans walls and membranes to mechanical and chemical stress. Cell Surface, 2022, 8, 100071.	1.5	7
148	<i>Phytophthora capsici</i> sterol reductase PcDHCR7 has a role in mycelium development and pathogenicity. Open Biology, 2022, 12, 210282.	1.5	7
149	An actin mechanostat ensures hyphal tip sharpness in <i>Phytophthora infestans</i> to achieve host penetration. Science Advances, 2022, 8, .	4.7	7
150	Correlation of isozyme profiles with genomic sequences of Phytophthora ramorum and its P. sojae orthologues. Current Genetics, 2007, 52, 247-257.	0.8	5
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