

Peter S Solomon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4852060/publications.pdf>

Version: 2024-02-01

136
papers

8,460
citations

44066

48
h-index

53222

85
g-index

152
all docs

152
docs citations

152
times ranked

7305
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergence of a new disease as a result of interspecific virulence gene transfer. <i>Nature Genetics</i> , 2006, 38, 953-956.	21.4	667
2	A review of wheat diseasesâ€”a field perspective. <i>Molecular Plant Pathology</i> , 2018, 19, 1523-1536.	4.2	375
3	Host-specific toxins: effectors of necrotrophic pathogenicity. <i>Cellular Microbiology</i> , 2008, 10, 1421-1428.	2.1	275
4	Emerging Insights into the Functions of Pathogenesis-Related Protein 1. <i>Trends in Plant Science</i> , 2017, 22, 871-879.	8.8	271
5	Origins of Grape and Wine Aroma. Part 1. Chemical Components and Viticultural Impacts. <i>American Journal of Enology and Viticulture</i> , 2014, 65, 1-24.	1.7	238
6	Dothideomyceteâ€”Plant Interactions Illuminated by Genome Sequencing and EST Analysis of the Wheat Pathogen <i>Stagonospora nodorum</i> . <i>Plant Cell</i> , 2007, 19, 3347-3368.	6.6	235
7	The Cysteine Rich Necrotrophic Effector SnTox1 Produced by <i>Stagonospora nodorum</i> Triggers Susceptibility of Wheat Lines Harboring Snn1. <i>PLoS Pathogens</i> , 2012, 8, e1002467.	4.7	233
8	The nutrient supply of pathogenic fungi; a fertile field for study. <i>Molecular Plant Pathology</i> , 2003, 4, 203-210.	4.2	195
9	New developments in pathogenicity and virulence of necrotrophs. <i>Current Opinion in Plant Biology</i> , 2010, 13, 415-419.	7.1	191
10	<i>Stagonospora nodorum</i> : From Pathology to Genomics and Host Resistance. <i>Annual Review of Phytopathology</i> , 2012, 50, 23-43.	7.8	182
11	Comparative Pathogenomics Reveals Horizontally Acquired Novel Virulence Genes in Fungi Infecting Cereal Hosts. <i>PLoS Pathogens</i> , 2012, 8, e1002952.	4.7	176
12	SnTox3 Acts in Effector Triggered Susceptibility to Induce Disease on Wheat Carrying the Snn3 Gene. <i>PLoS Pathogens</i> , 2009, 5, e1000581.	4.7	175
13	Fungal endophyte infection of ryegrass reprograms host metabolism and alters development. <i>New Phytologist</i> , 2015, 208, 1227-1240.	7.3	165
14	Interactions between Wine Volatile Compounds and Grape and Wine Matrix Components Influence Aroma Compound Headspace Partitioning. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10313-10322.	5.2	162
15	<i>Stagonospora nodorum</i> : cause of stagonospora nodorum blotch of wheat. <i>Molecular Plant Pathology</i> , 2006, 7, 147-156.	4.2	153
16	Characterization of the Interaction of a Novel <i>Stagonospora nodorum</i> Host-Selective Toxin with a Wheat Susceptibility Gene. <i>Plant Physiology</i> , 2008, 146, 323-324.	4.8	149
17	The nitrogen content of the tomato leaf apoplast increases during infection by <i>Cladosporium fulvum</i> . <i>Planta</i> , 2001, 213, 241-249.	3.2	140
18	Decoding the mannitol enigma in filamentous fungi. <i>Trends in Microbiology</i> , 2007, 15, 257-262.	7.7	134

#	ARTICLE	IF	CITATIONS
19	The discovery of the virulence gene <i>ToxA</i> in the wheat and barley pathogen <i>Bipolaris sorokiniana</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 432-439.	4.2	122
20	Assessing the impact of transcriptomics, proteomics and metabolomics on fungal phytopathology. <i>Molecular Plant Pathology</i> , 2009, 10, 703-715.	4.2	121
21	Evidence that $\hat{1}^3$ -aminobutyric acid is a major nitrogen source during <i>Cladosporium fulvum</i> infection of tomato. <i>Planta</i> , 2002, 214, 414-420.	3.2	114
22	Development of a sensitive non-targeted method for characterizing the wine volatile profile using headspace solid-phase microextraction comprehensive two-dimensional gas chromatography time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 504-517.	3.7	105
23	Xanthine dehydrogenase from the phototrophic purple bacterium <i>Rhodobacter capsulatus</i> more similar to its eukaryotic counterparts than to prokaryotic molybdenum enzymes. <i>Molecular Microbiology</i> , 1998, 27, 853-869.	2.5	101
24	Pathogenicity of <i>Stagonospora nodorum</i> requires malate synthase. <i>Molecular Microbiology</i> , 2004, 53, 1065-1073.	2.5	101
25	Wheat <i>PR-1</i> proteins are targeted by necrotrophic pathogen effector proteins. <i>Plant Journal</i> , 2016, 88, 13-25.	5.7	96
26	Is <i>Zymoseptoria tritici</i> a hemibiotroph?. <i>Fungal Genetics and Biology</i> , 2015, 79, 29-32.	2.1	95
27	Fungal phytopathogens encode functional homologues of plant rapid alkalization factor (RALF) peptides. <i>Molecular Plant Pathology</i> , 2017, 18, 811-824.	4.2	95
28	The Disruption of a $\hat{1}^{\pm}$ Subunit Sheds New Light on the Pathogenicity of <i>Stagonospora nodorum</i> on Wheat. <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 456-466.	2.6	83
29	Proteinaceous necrotrophic effectors in fungal virulence. <i>Functional Plant Biology</i> , 2010, 37, 907.	2.1	80
30	Impaired Nutrient Signaling and Body Weight Control in a Na ⁺ Neutral Amino Acid Cotransporter (Slc6a19)-deficient Mouse. <i>Journal of Biological Chemistry</i> , 2011, 286, 26638-26651.	3.4	76
31	Differential effector gene expression underpins epistasis in a plant fungal disease. <i>Plant Journal</i> , 2016, 87, 343-354.	5.7	75
32	Transposon-Mediated Horizontal Transfer of the Host-Specific Virulence Protein ToxA between Three Fungal Wheat Pathogens. <i>MBio</i> , 2019, 10, .	4.1	72
33	Influence of Geographic Origin on the Sensory Characteristics and Wine Composition of <i>Vitis vinifera</i> cv. Cabernet Sauvignon Wines from Australia. <i>American Journal of Enology and Viticulture</i> , 2012, 63, 467-476.	1.7	71
34	Just the surface: advances in the discovery and characterization of necrotrophic wheat effectors. <i>Current Opinion in Microbiology</i> , 2018, 46, 14-18.	5.1	71
35	New developments in pathogenicity and virulence of necrotrophs. <i>Current Opinion in Plant Biology</i> , 2010, 13, 415-9.	7.1	70
36	The Transcription Factor StuA Regulates Central Carbon Metabolism, Mycotoxin Production, and Effector Gene Expression in the Wheat Pathogen <i>Stagonospora nodorum</i> . <i>Eukaryotic Cell</i> , 2010, 9, 1100-1108.	3.4	63

#	ARTICLE	IF	CITATIONS
37	Recent Fungal Diseases of Crop Plants: Is Lateral Gene Transfer a Common Theme?. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 287-293.	2.6	59
38	Ubiquity of ToxA and absence of ToxB in Australian populations of <i>Pyrenophora tritici-repentis</i> . <i>Australasian Plant Pathology</i> , 2010, 39, 63.	1.0	59
39	A Core Gene Set Describes the Molecular Basis of Mutualism and Antagonism in <i>Epichloa</i> spp.. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 218-231.	2.6	59
40	Mannitol is required for asexual sporulation in the wheat pathogen <i>Stagonospora nodorum</i> (glume) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.7	57
41	Influence of Yeast Strain, Canopy Management, and Site on the Volatile Composition and Sensory Attributes of Cabernet Sauvignon Wines from Western Australia. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3273-3284.	5.2	56
42	Role of Cereal Secondary Metabolites Involved in Mediating the Outcome of Plant-Pathogen Interactions. <i>Metabolites</i> , 2011, 1, 64-78.	2.9	55
43	The utilisation of di/tripeptides by <i>Stagonospora nodorum</i> is dispensable for wheat infection. <i>Physiological and Molecular Plant Pathology</i> , 2003, 63, 191-199.	2.5	54
44	Trehalose biosynthesis is involved in sporulation of <i>Stagonospora nodorum</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, 381-389.	2.1	54
45	An <i>In Planta</i> -Expressed Polyketide Synthase Produces (<i>R</i>)-Mellein in the Wheat Pathogen <i>Parastagonospora nodorum</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 177-186.	3.1	54
46	Mannitol 1-Phosphate Metabolism Is Required for Sporulation in <i>In Planta</i> of the Wheat Pathogen <i>Stagonospora nodorum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2005, 18, 110-115.	2.6	53
47	A quantitative PCR approach to determine gene copy number. <i>Fungal Genetics Reports</i> , 2008, 55, 5-8.	0.6	53
48	The Mak2 MAP kinase signal transduction pathway is required for pathogenicity in <i>Stagonospora nodorum</i> . <i>Current Genetics</i> , 2005, 48, 60-68.	1.7	50
49	Repeat-Induced Point Mutation: A Fungal-Specific, Endogenous Mutagenesis Process. <i>Fungal Biology</i> , 2015, , 55-68.	0.6	49
50	The past, present and future of secondary metabolite research in the <i>Dothideomycetes</i> . <i>Molecular Plant Pathology</i> , 2015, 16, 92-107.	4.2	49
51	Rapid Parallel Evolution of Azole Fungicide Resistance in Australian Populations of the Wheat Pathogen <i>Zymoseptoria tritici</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	49
52	Does the oxidative stress used by plants for defence provide a source of nutrients for pathogenic fungi?. <i>Trends in Plant Science</i> , 2004, 9, 472-473.	8.8	48
53	Metabolite profiling identifies the mycotoxin alternariol in the pathogen <i>Stagonospora nodorum</i> . <i>Metabolomics</i> , 2009, 5, 330-335.	3.0	48
54	PR1-mediated defence via C-terminal peptide release is targeted by a fungal pathogen effector. <i>New Phytologist</i> , 2021, 229, 3467-3480.	7.3	48

#	ARTICLE	IF	CITATIONS
55	Structural Characterisation of the Interaction between <i>Triticum aestivum</i> and the Dothideomycete Pathogen <i>Stagonospora nodorum</i> . <i>European Journal of Plant Pathology</i> , 2006, 114, 275-282.	1.7	46
56	Origins of Grape and Wine Aroma. Part 2. Chemical and Sensory Analysis. <i>American Journal of Enology and Viticulture</i> , 2014, 65, 25-42.	1.7	46
57	Surveying the potential of secreted antimicrobial peptides to enhance plant disease resistance. <i>Frontiers in Plant Science</i> , 2015, 6, 900.	3.6	46
58	A Signaling-Regulated, Short-Chain Dehydrogenase of <i>Stagonospora nodorum</i> Regulates Asexual Development. <i>Eukaryotic Cell</i> , 2008, 7, 1916-1929.	3.4	45
59	Prevalence of ToxA-sensitive alleles of the wheat gene <i>Tsn1</i> in Australian and Chinese wheat cultivars. <i>Crop and Pasture Science</i> , 2009, 60, 348.	1.5	42
60	The relationship between sensory attributes and wine composition for Australian Cabernet Sauvignon wines. <i>Australian Journal of Grape and Wine Research</i> , 2011, 17, 327-340.	2.1	41
61	Victorin, the host-selective cyclic peptide toxin from the oat pathogen <i>Cochliobolus victoriae</i> , is ribosomally encoded. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24243-24250.	7.1	41
62	Transcriptome analysis of <i>Stagonospora nodorum</i> : gene models, effectors, metabolism and pantothenate dispensability. <i>Molecular Plant Pathology</i> , 2012, 13, 531-545.	4.2	40
63	Heterologous expression of cytotoxic sesquiterpenoids from the medicinal mushroom <i>Lignosus rhinocerotis</i> in yeast. <i>Microbial Cell Factories</i> , 2017, 16, 103.	4.0	40
64	Investigating the role of calcium/calmodulin-dependent protein kinases in <i>Stagonospora nodorum</i> . <i>Molecular Microbiology</i> , 2006, 62, 367-381.	2.5	38
65	A metabolomic approach to dissecting osmotic stress in the wheat pathogen <i>Stagonospora nodorum</i> . <i>Fungal Genetics and Biology</i> , 2008, 45, 1479-1486.	2.1	38
66	A functional genomics approach to dissect the mode of action of the <i>Stagonospora nodorum</i> effector protein SnToxA in wheat. <i>Molecular Plant Pathology</i> , 2012, 13, 467-482.	4.2	38
67	The necrotrophic effector protein SnTox3 re-programs metabolism and elicits a strong defence response in susceptible wheat leaves. <i>BMC Plant Biology</i> , 2014, 14, 215.	3.6	38
68	Functional genomics-guided discovery of a light-activated phytotoxin in the wheat pathogen <i>Parastagonospora nodorum</i> via pathway activation. <i>Environmental Microbiology</i> , 2017, 19, 1975-1986.	3.8	38
69	Characterising the Role of GABA and Its Metabolism in the Wheat Pathogen <i>Stagonospora nodorum</i> . <i>PLoS ONE</i> , 2013, 8, e78368.	2.5	37
70	The necrotrophic effector SnToxA induces the synthesis of a novel phytoalexin in wheat. <i>New Phytologist</i> , 2013, 200, 185-200.	7.3	34
71	A specific fungal transcription factor controls effector gene expression and orchestrates the establishment of the necrotrophic pathogen lifestyle on wheat. <i>Scientific Reports</i> , 2019, 9, 15884.	3.3	34
72	Deep proteogenomics; high throughput gene validation by multidimensional liquid chromatography and mass spectrometry of proteins from the fungal wheat pathogen <i>Stagonospora nodorum</i> . <i>BMC Bioinformatics</i> , 2009, 10, 301.	2.6	33

#	ARTICLE	IF	CITATIONS
73	Functional redundancy of necrotrophic effectors “ consequences for exploitation for breeding. <i>Frontiers in Plant Science</i> , 2015, 6, 501.	3.6	33
74	Production of small cysteine-rich effector proteins in <i>Escherichia coli</i> for structural and functional studies. <i>Molecular Plant Pathology</i> , 2017, 18, 141-151.	4.2	32
75	Genetic mapping of Stb19, a new resistance gene to <i>Zymoseptoria tritici</i> in wheat. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2765-2773.	3.6	32
76	Extracellular vesicles from the apoplastic fungal wheat pathogen <i>Zymoseptoria tritici</i> . <i>Fungal Biology and Biotechnology</i> , 2020, 7, 13.	5.1	32
77	Malayamycin, a new streptomycete antifungal compound, specifically inhibits sporulation of <i>Stagonospora nodorum</i> (Berkeley) Castell and Germano, the cause of wheat glume blotch disease. <i>Pest Management Science</i> , 2008, 64, 1294-1302.	3.4	31
78	Emergence of Tan Spot Disease Caused by Toxigenic <i>Pyrenophora tritici-repentis</i> in Australia Is Not Associated with Increased Deployment of Toxin-Sensitive Cultivars. <i>Phytopathology</i> , 2008, 98, 488-491.	2.2	30
79	Chemical Ecogenomics-Guided Discovery of Phytotoxic β -Pyrone from the Fungal Wheat Pathogen <i>Parastagonospora nodorum</i> . <i>Organic Letters</i> , 2018, 20, 6148-6152.	4.6	30
80	Quantitative disease resistance assessment by real-time PCR using the <i>Stagonospora nodorum</i> -wheat pathosystem as a model. <i>Plant Pathology</i> , 2008, 57, 527-532.	2.4	29
81	A chemical ecogenomics approach to understand the roles of secondary metabolites in fungal cereal pathogens. <i>Frontiers in Microbiology</i> , 2014, 5, 640.	3.5	29
82	Dimethylsulfide:Acceptor Oxidoreductase from <i>Rhodobacter sulfidophilus</i> . The Purified Enzyme Contains b-Type Haem and a Pterin Molybdenum Cofactor. <i>FEBS Journal</i> , 1996, 239, 391-396.	0.2	27
83	Both Mating types of <i>Phaeosphaeria</i> (anamorph <i>Stagonospora</i>) <i>nodorum</i> are Present in Western Australia. <i>European Journal of Plant Pathology</i> , 2004, 110, 763-766.	1.7	27
84	<i>SnPKS19</i> Encodes the Polyketide Synthase for Alternariol Mycotoxin Biosynthesis in the Wheat Pathogen <i>Parastagonospora nodorum</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 5309-5317.	3.1	27
85	Phytopathogen emergence in the genomics era. <i>Trends in Plant Science</i> , 2015, 20, 246-255.	8.8	27
86	Recent advances in the <i>Zymoseptoria tritici</i> -wheat interaction: insights from pathogenomics. <i>Frontiers in Plant Science</i> , 2015, 6, 102.	3.6	27
87	Quantitative proteomic analysis of protein signalling in <i>Stagonospora nodorum</i> using isobaric tags for relative and absolute quantification. <i>Proteomics</i> , 2010, 10, 38-47.	2.2	25
88	Proteomic identification of extracellular proteins regulated by the Gna1 G1 subunit in <i>Stagonospora nodorum</i> . <i>Mycological Research</i> , 2009, 113, 523-531.	2.5	24
89	Photochemical characterization of a novel fungal rhodopsin from <i>Phaeosphaeria nodorum</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 1457-1466.	1.0	24
90	A genome-wide survey of the secondary metabolite biosynthesis genes in the wheat pathogen <i>Parastagonospora nodorum</i> . <i>Mycology</i> , 2014, 5, 192-206.	4.4	24

#	ARTICLE	IF	CITATIONS
91	Utilizing Gene Tree Variation to Identify Candidate Effector Genes in <i>Zymoseptoria tritici</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 779-791.	1.8	24
92	Genomics-Driven Discovery of Phytotoxic Cytochalasans Involved in the Virulence of the Wheat Pathogen <i>Parastagonospora nodorum</i> . <i>ACS Chemical Biology</i> , 2020, 15, 226-233.	3.4	24
93	<i>Lolium perenne</i> apoplast metabolomics for identification of novel metabolites produced by the symbiotic fungus <i>Epichloa festucae</i> . <i>New Phytologist</i> , 2020, 227, 559-571.	7.3	24
94	The crystal structure of SnTox3 from the necrotrophic fungus <i>Parastagonospora nodorum</i> reveals a unique effector fold and provides insight into Snn3 recognition and pro-domain protease processing of fungal effectors. <i>New Phytologist</i> , 2021, 231, 2282-2296.	7.3	24
95	Methionine synthase, a gene required for methionine synthesis, is expressed in plant by <i>Cladosporium fulvum</i> . <i>Molecular Plant Pathology</i> , 2000, 1, 315-323.	4.2	22
96	Acquisition and Loss of Secondary Metabolites Shaped the Evolutionary Path of Three Emerging Phytopathogens of Wheat. <i>Genome Biology and Evolution</i> , 2019, 11, 890-905.	2.5	22
97	Remarkable recent changes in the genetic diversity of the avirulence gene <i>AvrStb6</i> in global populations of the wheat pathogen <i>Zymoseptoria tritici</i> . <i>Molecular Plant Pathology</i> , 2021, 22, 1121-1133.	4.2	22
98	Characterization of a molybdenum cofactor biosynthetic gene cluster in <i>Rhodobacter capsulatus</i> which is specific for the biogenesis of dimethylsulfoxide reductase. <i>Microbiology (United Kingdom)</i> , 1999, 145, 1421-1429.	1.8	20
99	Spatial and Developmental Differentiation of Mannitol Dehydrogenase and Mannitol-1-Phosphate Dehydrogenase in <i>Aspergillus niger</i> . <i>Eukaryotic Cell</i> , 2010, 9, 1398-1402.	3.4	20
100	Molybdate-dependent expression of dimethylsulfoxide reductase in <i>Rhodobacter capsulatus</i> . <i>FEMS Microbiology Letters</i> , 2000, 190, 203-208.	1.8	18
101	Bipolenins: New sesquiterpenoids from the fungal plant pathogen <i>Bipolaris sorokiniana</i> . <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2020-2028.	2.2	17
102	The identification of a transposon affecting the asexual reproduction of the wheat pathogen <i>Zymoseptoria tritici</i> . <i>Molecular Plant Pathology</i> , 2021, 22, 800-816.	4.2	17
103	Oral pharmacologic doses of cobalamin may not be as effective as parenteral cobalamin therapy in reversing hyperhomocystinemia and methylmalonic acidemia in apparently normal subjects. <i>International Journal of Laboratory Hematology</i> , 2006, 28, 275-278.	0.2	15
104	Characterisation of the Pterin Molybdenum Cofactor in Dimethylsulfoxide Reductase of <i>Rhodobacter Capsulatus</i> . <i>FEBS Journal</i> , 1997, 246, 200-203.	0.2	14
105	Coverage and Consistency: Bioinformatics Aspects of the Analysis of Multirun iTRAQ Experiments with Wheat Leaves. <i>Journal of Proteome Research</i> , 2013, 12, 4870-4881.	3.7	14
106	Dissecting the role of G-protein signalling in primary metabolism in the wheat pathogen <i>Stagonospora nodorum</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 1972-1985.	1.8	14
107	Re-classification of the causal agent of white grain disorder on wheat as three separate species of <i>Eutiarospora</i> . <i>Australasian Plant Pathology</i> , 2015, 44, 527-539.	1.0	14
108	The necrotrophic effector <i>ToxA</i> from <i>Parastagonospora nodorum</i> interacts with wheat <i>NHL</i> proteins to facilitate <i>Tsn1</i> -mediated necrosis. <i>Plant Journal</i> , 2022, 110, 407-418.	5.7	14

#	ARTICLE	IF	CITATIONS
109	The global regulator of pathogenesis PnCon7 positively regulates <i>Tox3</i> effector gene expression through direct interaction in the wheat pathogen <i>Parastagonospora nodorum</i> . <i>Molecular Microbiology</i> , 2018, 109, 78-90.	2.5	13
110	Combining Protein Ratio-Values as a Pragmatic Approach to the Analysis of Multirun iTRAQ Experiments. <i>Journal of Proteome Research</i> , 2015, 14, 738-746.	3.7	12
111	A review on South Asian wheat blast: The present status and future perspective. <i>Plant Pathology</i> , 2020, 69, 1618-1629.	2.4	12
112	Assessing the efficacy of CRISPR/Cas9 genome editing in the wheat pathogen <i>Parastagonospora nodorum</i> . <i>Fungal Biology and Biotechnology</i> , 2020, 7, 4.	5.1	12
113	Pro-domain processing of fungal effector proteins from plant pathogens. <i>PLoS Pathogens</i> , 2021, 17, e1010000.	4.7	12
114	Î-Aminolaevulinic acid synthesis is required for virulence of the wheat pathogen <i>Stagonospora nodorum</i> . <i>Microbiology (United Kingdom)</i> , 2006, 152, 1533-1538.	1.8	11
115	A comparative analysis of the heterotrimeric G-protein GÎ±, GÎ² and GÎ³ subunits in the wheat pathogen <i>Stagonospora nodorum</i> . <i>BMC Microbiology</i> , 2012, 12, 131.	3.3	11
116	Metabolomics Protocols for Filamentous Fungi. <i>Methods in Molecular Biology</i> , 2012, 835, 237-254.	0.9	10
117	Autoimmunity and effector recognition in <i>Arabidopsis thaliana</i> can be uncoupled by mutations in the RRS1 immune receptor. <i>New Phytologist</i> , 2019, 222, 954-965.	7.3	10
118	Molecular plant immunity against biotrophic, hemibiotrophic, and necrotrophic fungi. <i>Essays in Biochemistry</i> , 2022, 66, 581-593.	4.7	10
119	Normalization of metabolites in heterogenous systems using genomics. <i>Analytical Biochemistry</i> , 2006, 350, 156-158.	2.4	9
120	Assessing the mycotoxigenic threat of necrotrophic pathogens of wheat. <i>Mycotoxin Research</i> , 2011, 27, 231-237.	2.3	8
121	Transition from heterothallism to homothallism is hypothesised to have facilitated speciation among emerging <i>Botryosphaeriaceae</i> wheat-pathogens. <i>Fungal Genetics and Biology</i> , 2017, 109, 36-45.	2.1	8
122	Functional characterisation of glyoxalase I from the fungal wheat pathogen <i>Stagonospora nodorum</i> . <i>Current Genetics</i> , 2004, 46, 115-21.	1.7	7
123	Next-generation re-sequencing as a tool for rapid bioinformatic screening of presence and absence of genes and accessory chromosomes across isolates of <i>Zymoseptoria tritici</i> . <i>Fungal Genetics and Biology</i> , 2015, 79, 71-75.	2.1	7
124	Have we finally opened the door to understanding <i>Septoria tritici</i> blotch disease in wheat?. <i>New Phytologist</i> , 2017, 214, 493-495.	7.3	7
125	Biosynthesis of a Tricyclo[6.2.2.0 ^{2,7}]dodecane System by a Berberine Bridge Enzyme-Like Aldolase. <i>Chemistry - A European Journal</i> , 2019, 25, 15062-15066.	3.3	7
126	The rise of necrotrophic effectors. <i>New Phytologist</i> , 2022, 233, 11-14.	7.3	7

#	ARTICLE	IF	CITATIONS
127	Volatile Molecules Secreted by the Wheat Pathogen <i>Parastagonospora nodorum</i> Are Involved in Development and Phytotoxicity. <i>Frontiers in Microbiology</i> , 2020, 11, 466.	3.5	6
128	Development of an in-house protocol for the OFFGEL fractionation of plant proteins. <i>Journal of Integrated OMICS</i> , 2011, 1, .	0.5	5
129	Proteomic Techniques for Plant-Fungal Interactions. <i>Methods in Molecular Biology</i> , 2012, 835, 75-96.	0.9	4
130	Editorial: How Can Secretomics Help Unravel the Secrets of Plant-Microbe Interactions?. <i>Frontiers in Plant Science</i> , 2016, 7, 1777.	3.6	4
131	Optimized Production of Disulfide-Bonded Fungal Effectors in <i>Escherichia coli</i> Using CyDisCo and FunCyDisCo Coexpression Approaches. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 109-118.	2.6	3
132	Simple and efficient heterologous expression of necrosis-inducing effectors using the model plant <i>Nicotiana benthamiana</i> . <i>Plant Direct</i> , 2021, 5, e341.	1.9	2
133	Pathogen effectors shed light on plant diseases. <i>Functional Plant Biology</i> , 2010, 37, iii.	2.1	1
134	Dimethylsulfide as an electron donor in <i>Rhodobacter sulfidophilus</i> . , 1996, , 41-48.		1
135	Functional genomics and mycotoxin discovery in the wheat glume blotch pathogen <i>Stagonospora nodorum</i> . <i>Microbiology Australia</i> , 2011, 32, 156.	0.4	0
136	Molybdate-dependent expression of dimethylsulfoxide reductase in <i>Rhodobacter capsulatus</i> . <i>FEMS Microbiology Letters</i> , 2000, 190, 203-208.	1.8	0