

Ralph Panstruga

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4194650/publications.pdf>

Version: 2024-02-01

137
papers

16,807
citations

15504

65
h-index

16183

124
g-index

147
all docs

147
docs citations

147
times ranked

12898
citing authors

#	ARTICLE	IF	CITATIONS
1	The Barley Mlo Gene: A Novel Control Element of Plant Pathogen Resistance. <i>Cell</i> , 1997, 88, 695-705.	28.9	1,066
2	A Glucosinolate Metabolism Pathway in Living Plant Cells Mediates Broad-Spectrum Antifungal Defense. <i>Science</i> , 2009, 323, 101-106.	12.6	927
3	Lifestyle transitions in plant pathogenic <i>Colletotrichum</i> fungi deciphered by genome and transcriptome analyses. <i>Nature Genetics</i> , 2012, 44, 1060-1065.	21.4	840
4	Genome Expansion and Gene Loss in Powdery Mildew Fungi Reveal Tradeoffs in Extreme Parasitism. <i>Science</i> , 2010, 330, 1543-1546.	12.6	725
5	Autophagy Negatively Regulates Cell Death by Controlling NPR1-Dependent Salicylic Acid Signaling during Senescence and the Innate Immune Response in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 2914-2927.	6.6	531
6	An <i>Arabidopsis</i> Callose Synthase, <i>GSL5</i> , Is Required for Wound and Papillary Callose Formation. <i>Plant Cell</i> , 2003, 15, 2503-2513.	6.6	443
7	Conserved requirement for a plant host cell protein in powdery mildew pathogenesis. <i>Nature Genetics</i> , 2006, 38, 716-720.	21.4	430
8	Co-option of a default secretory pathway for plant immune responses. <i>Nature</i> , 2008, 451, 835-840.	27.8	414
9	The genome of the stress-tolerant wild tomato species <i>Solanum pennellii</i> . <i>Nature Genetics</i> , 2014, 46, 1034-1038.	21.4	391
10	A molecular evolutionary concept connecting nonhost resistance, pathogen host range, and pathogen speciation. <i>Trends in Plant Science</i> , 2011, 16, 117-125.	8.8	374
11	Conserved Molecular Components for Pollen Tube Reception and Fungal Invasion. <i>Science</i> , 2010, 330, 968-971.	12.6	372
12	Convergent Targeting of a Common Host Protein-Network by Pathogen Effectors from Three Kingdoms of Life. <i>Cell Host and Microbe</i> , 2014, 16, 364-375.	11.0	367
13	Calmodulin interacts with MLO protein to regulate defence against mildew in barley. <i>Nature</i> , 2002, 416, 447-451.	27.8	363
14	Recruitment and interaction dynamics of plant penetration resistance components in a plasma membrane microdomain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3135-3140.	7.1	327
15	The Barley MLO Modulator of Defense and Cell Death Is Responsive to Biotic and Abiotic Stress Stimuli. <i>Plant Physiology</i> , 2002, 129, 1076-1085.	4.8	294
16	Naturally Occurring Broad-Spectrum Powdery Mildew Resistance in a Central American Tomato Accession Is Caused by Loss of <i>Mlo</i> Function. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 30-39.	2.6	269
17	PAMP (Pathogen-associated Molecular Pattern)-induced Changes in Plasma Membrane Compartmentalization Reveal Novel Components of Plant Immunity. <i>Journal of Biological Chemistry</i> , 2010, 285, 39140-39149.	3.4	268
18	Take a bite inside a plant cell: establishing compatibility between plants and biotrophic fungi and oomycetes. <i>New Phytologist</i> , 2006, 171, 699-718.	7.3	265

#	ARTICLE	IF	CITATIONS
19	Topology, Subcellular Localization, and Sequence Diversity of the Mlo Family in Plants. <i>Journal of Biological Chemistry</i> , 1999, 274, 34993-35004.	3.4	261
20	SNARE-Ware: The Role of SNARE-Domain Proteins in Plant Biology. <i>Annual Review of Cell and Developmental Biology</i> , 2007, 23, 147-174.	9.4	255
21	Structure and evolution of barley powdery mildew effector candidates. <i>BMC Genomics</i> , 2012, 13, 694.	2.8	238
22	<i>mlo</i> -Based Resistance: An Apparently Universal “Weapon” to Defeat Powdery Mildew Disease. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 179-189.	2.6	229
23	Molecular Phylogeny and Evolution of the Plant-Specific Seven-Transmembrane MLO Family. <i>Journal of Molecular Evolution</i> , 2003, 56, 77-88.	1.8	220
24	Biogenesis of a specialized plant-fungal interface during host cell internalization of <i>Golovinomyces orontii</i> haustoria. <i>Cellular Microbiology</i> , 2011, 13, 210-226.	2.1	216
25	A barley cultivation-associated polymorphism conveys resistance to powdery mildew. <i>Nature</i> , 2004, 430, 887-891.	27.8	202
26	Establishing compatibility between plants and obligate biotrophic pathogens. <i>Current Opinion in Plant Biology</i> , 2003, 6, 320-326.	7.1	191
27	<i>Arabidopsis</i> G-protein interactome reveals connections to cell wall carbohydrates and morphogenesis. <i>Molecular Systems Biology</i> , 2011, 7, 532.	7.2	191
28	Magical mystery tour: MLO proteins in plant immunity and beyond. <i>New Phytologist</i> , 2014, 204, 273-281.	7.3	188
29	Barley MLO Modulates Actin-Dependent and Actin-Independent Antifungal Defense Pathways at the Cell Periphery. <i>Plant Physiology</i> , 2007, 144, 1132-1143.	4.8	174
30	Durable broad-spectrum powdery mildew resistance in pea <i>er1</i> plants is conferred by natural loss-of-function mutations in <i>PsMLO1</i> . <i>Molecular Plant Pathology</i> , 2011, 12, 866-878.	4.2	165
31	<i>mlo</i> -based powdery mildew resistance in hexaploid bread wheat generated by a non-transgenic TILLING approach. <i>Plant Biotechnology Journal</i> , 2017, 15, 367-378.	8.3	163
32	Terrific Protein Traffic: The Mystery of Effector Protein Delivery by Filamentous Plant Pathogens. <i>Science</i> , 2009, 324, 748-750.	12.6	156
33	ESTABLISHMENT OF BIOTROPHY BY PARASITIC FUNGI AND REPROGRAMMING OF HOST CELLS FOR DISEASE RESISTANCE. <i>Annual Review of Phytopathology</i> , 2003, 41, 641-667.	7.8	150
34	Cell biology of the plant-powdery mildew interaction. <i>Current Opinion in Plant Biology</i> , 2011, 14, 738-746.	7.1	148
35	Signatures of host specialization and a recent transposable element burst in the dynamic one-speed genome of the fungal barley powdery mildew pathogen. <i>BMC Genomics</i> , 2018, 19, 381.	2.8	138
36	A reference map of the <i>Arabidopsis thaliana</i> mature pollen proteome. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 1257-1266.	2.1	137

#	ARTICLE	IF	CITATIONS
37	A contiguous 60 kb genomic stretch from barley reveals molecular evidence for gene islands in a monocot genome. <i>Nucleic Acids Research</i> , 1998, 26, 1056-1062.	14.5	135
38	Serpentine plant MLO proteins as entry portals for powdery mildew fungi. <i>Biochemical Society Transactions</i> , 2005, 33, 389-392.	3.4	135
39	Ionotropic glutamate receptor (iGluR)-like channels mediate MAMP-induced calcium influx in <i>Arabidopsis thaliana</i> . <i>Biochemical Journal</i> , 2011, 440, 355-373.	3.7	130
40	Tryptophan-Derived Metabolites Are Required for Antifungal Defense in the <i>Arabidopsis mlo2</i> Mutant. <i>Plant Physiology</i> , 2010, 152, 1544-1561.	4.8	121
41	Functional Conservation of Wheat and Rice Mlo Orthologs in Defense Modulation to the Powdery Mildew Fungus. <i>Molecular Plant-Microbe Interactions</i> , 2002, 15, 1069-1077.	2.6	115
42	Lipid rafts in plants. <i>Planta</i> , 2005, 223, 5-19.	3.2	113
43	Plasma Membrane Calcium ATPases Are Important Components of Receptor-Mediated Signaling in Plant Immune Responses and Development. <i>Plant Physiology</i> , 2012, 159, 798-809.	4.8	112
44	A regulon conserved in monocot and dicot plants defines a functional module in antifungal plant immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21896-21901.	7.1	110
45	Conserved ERAD-Like Quality Control of a Plant Polytopic Membrane Protein. <i>Plant Cell</i> , 2005, 17, 149-163.	6.6	107
46	The visible touch: in planta visualization of protein-protein interactions by fluorophore-based methods. <i>Plant Methods</i> , 2006, 2, 12.	4.3	105
47	The fungal ribonuclease-like effector protein CSEP0064/BEC1054 represses plant immunity and interferes with degradation of host ribosomal RNA. <i>PLoS Pathogens</i> , 2019, 15, e1007620.	4.7	105
48	NOD-like receptor-mediated plant immunity: from structure to cell death. <i>Nature Reviews Immunology</i> , 2021, 21, 305-318.	22.7	103
49	Identification of grapevine MLO gene candidates involved in susceptibility to powdery mildew. <i>Functional Plant Biology</i> , 2008, 35, 1255.	2.1	101
50	Rapid evolution in plant-microbe interactions – a molecular genomics perspective. <i>New Phytologist</i> , 2020, 225, 1134-1142.	7.3	96
51	Multiple pairs of allelic MLA immune receptor-powdery mildew AVRAs argue for a direct recognition mechanism. <i>eLife</i> , 2019, 8, .	6.0	96
52	SnapShot: Plant Immune Response Pathways. <i>Cell</i> , 2009, 136, 978.e1-978.e3.	28.9	95
53	mlo-based powdery mildew immunity: silver bullet or simply non-host resistance?. <i>Molecular Plant Pathology</i> , 2006, 7, 605-610.	4.2	94
54	Two Seven-Transmembrane Domain MILDEW RESISTANCE LOCUS O Proteins Cofunction in <i>Arabidopsis</i> Root Thigmomorphogenesis. <i>Plant Cell</i> , 2009, 21, 1972-1991.	6.6	94

#	ARTICLE	IF	CITATIONS
55	Expression analysis of the AtMLO Gene Family Encoding Plant-Specific Seven-Transmembrane Domain Proteins. <i>Plant Molecular Biology</i> , 2006, 60, 583-597.	3.9	91
56	Identification of Arabidopsis Loci Required for Susceptibility to the Downy Mildew Pathogen <i>Hyaloperonospora parasitica</i> . <i>Molecular Plant-Microbe Interactions</i> , 2005, 18, 583-592.	2.6	89
57	The Powdery Mildew Disease of Arabidopsis: A Paradigm for the Interaction between Plants and Biotrophic Fungi. <i>The Arabidopsis Book</i> , 2008, 6, e0115.	0.5	89
58	Effects of altered phosphoenolpyruvate carboxylase activities on transgenic C3 plant <i>Solanum tuberosum</i> . <i>Plant Molecular Biology</i> , 1996, 32, 831-848.	3.9	83
59	Dynamic cellular responses in plant-microbe interactions. <i>Current Opinion in Plant Biology</i> , 2005, 8, 625-631.	7.1	80
60	Pathogenomics of fungal plant parasites: what have we learnt about pathogenesis?. <i>Current Opinion in Plant Biology</i> , 2011, 14, 392-399.	7.1	80
61	Comprehensive Phylogenetic Analysis Sheds Light on the Diversity and Origin of the MLO Family of Integral Membrane Proteins. <i>Genome Biology and Evolution</i> , 2016, 8, 878-895.	2.5	79
62	The need for speed: compartmentalized genome evolution in filamentous phytopathogens. <i>Molecular Plant Pathology</i> , 2019, 20, 3-7.	4.2	79
63	Conserved extracellular cysteine residues and cytoplasmic loop-loop interplay are required for functionality of the heptahelical MLO protein. <i>Biochemical Journal</i> , 2005, 385, 243-254.	3.7	77
64	Mildew-Omics: How Global Analyses Aid the Understanding of Life and Evolution of Powdery Mildews. <i>Frontiers in Plant Science</i> , 2016, 7, 123.	3.6	77
65	Editorial: Biotrophic Plant-Microbe Interactions. <i>Frontiers in Plant Science</i> , 2017, 8, 192.	3.6	74
66	Rapid quantification of plant-powdery mildew interactions by qPCR and conidiospore counts. <i>Plant Methods</i> , 2012, 8, 35.	4.3	72
67	Cytoskeleton functions in plant-microbe interactions. <i>Physiological and Molecular Plant Pathology</i> , 2007, 71, 135-148.	2.5	68
68	Combined Bimolecular Fluorescence Complementation and Förster Resonance Energy Transfer Reveals Ternary SNARE Complex Formation in Living Plant Cells. <i>Plant Physiology</i> , 2010, 152, 1135-1147.	4.8	68
69	Novel induced mlo mutant alleles in combination with site-directed mutagenesis reveal functionally important domains in the heptahelical barley Mlo protein. <i>BMC Plant Biology</i> , 2010, 10, 31.	3.6	67
70	Interaction of a <i>Bumeria graminis</i> f. sp. <i>hordei</i> effector candidate with a barley ARF-GAP suggests that host vesicle trafficking is a fungal pathogenicity target. <i>Molecular Plant Pathology</i> , 2014, 15, 535-549.	4.2	66
71	The Role of <i>Arabidopsis</i> Heterotrimeric G-Protein Subunits in MLO2 Function and MAMP-Triggered Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 991-1003.	2.6	65
72	Antagonistic Control of Powdery Mildew Host Cell Entry by Barley Calcium-Dependent Protein Kinases (CDPKs). <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1213-1221.	2.6	60

#	ARTICLE	IF	CITATIONS
73	Discovery of Novel Conserved Peptide Domains by Ortholog Comparison within Plant Multi-Protein Families. <i>Plant Molecular Biology</i> , 2005, 59, 485-500.	3.9	57
74	Activity Determinants and Functional Specialization of Arabidopsis PEN1 Syntaxin in Innate Immunity. <i>Journal of Biological Chemistry</i> , 2008, 283, 26974-26984.	3.4	57
75	Biotrophy at Its Best: Novel Findings and Unsolved Mysteries of the Arabidopsis-Powdery Mildew Pathosystem. <i>The Arabidopsis Book</i> , 2016, 14, e0184.	0.5	56
76	Natural genetic resources of <i>Arabidopsis thaliana</i> reveal a high prevalence and unexpected phenotypic plasticity of RPW8-mediated powdery mildew resistance. <i>New Phytologist</i> , 2008, 177, 725-742.	7.3	52
77	What is the Molecular Basis of Nonhost Resistance?. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 1253-1264.	2.6	47
78	Live and let live: insights into powdery mildew disease and resistance. <i>Molecular Plant Pathology</i> , 2002, 3, 495-502.	4.2	45
79	Key Components of Different Plant Defense Pathways Are Dispensable for Powdery Mildew Resistance of the Arabidopsis mlo2 mlo6 mlo12 Triple Mutant. <i>Frontiers in Plant Science</i> , 2017, 8, 1006.	3.6	45
80	Heterogeneity and lateral compartmentalization of plant plasma membranes. <i>Current Opinion in Plant Biology</i> , 2008, 11, 632-640.	7.1	44
81	A proteomic analysis of powdery mildew (<i>Blumeria graminis</i> f.sp. <i>hordei</i>) conidiospores. <i>Molecular Plant Pathology</i> , 2009, 10, 223-236.	4.2	44
82	Transcriptome analysis of enriched Golovinomyces orontii haustoria by deep 454 pyrosequencing. <i>Fungal Genetics and Biology</i> , 2012, 49, 470-482.	2.1	44
83	Physiological characterization and genetic modifiers of aberrant root thigmomorphogenesis in mutants of <i>Arabidopsis thaliana</i> ...MILDEW LOCUS O genes. <i>Plant, Cell and Environment</i> , 2014, 37, 2738-2753.	5.7	44
84	A simple test for the cleavage activity of customized endonucleases in plants. <i>Plant Methods</i> , 2016, 12, 18.	4.3	43
85	Small RNAs from cereal powdery mildew pathogens may target host plant genes. <i>Fungal Biology</i> , 2018, 122, 1050-1063.	2.5	41
86	Les liaisons dangereuses: immunological synapse formation in animals and plants. <i>Trends in Immunology</i> , 2008, 29, 159-166.	6.8	40
87	The powdery mildew-resistant Arabidopsis mlo2 mlo6 mlo12 triple mutant displays altered infection phenotypes with diverse types of phytopathogens. <i>Scientific Reports</i> , 2017, 7, 9319.	3.3	40
88	A golden shot: how ballistic single cell transformation boosts the molecular analysis of cereal-mildew interactions. <i>Molecular Plant Pathology</i> , 2004, 5, 141-148.	4.2	36
89	In silico analysis of the core signaling proteome from the barley powdery mildew pathogen (<i>Blumeria</i>) Tj ETQq1 1 0,784314 rsgBT /Ovele	2.8	36
90	Mutual interplay between phytopathogenic powdery mildew fungi and other microorganisms. <i>Molecular Plant Pathology</i> , 2019, 20, 463-470.	4.2	35

#	ARTICLE	IF	CITATIONS
91	Corruption of host seven-transmembrane proteins by pathogenic microbes: a common theme in animals and plants?. <i>Microbes and Infection</i> , 2003, 5, 429-437.	1.9	34
92	Why did filamentous plant pathogens evolve the potential to secrete hundreds of effectors to enable disease?. <i>Molecular Plant Pathology</i> , 2018, 19, 781-785.	4.2	34
93	Host Cell Entry of Powdery Mildew Is Correlated with Endosomal Transport of Antagonistically Acting VvPEN1 and VvMLO to the Papilla. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 1138-1150.	2.6	32
94	Phylogeny and evolution of plant macrophage migration inhibitory factor/D-dopachrome tautomerase-like proteins. <i>BMC Evolutionary Biology</i> , 2015, 15, 64.	3.2	31
95	Nodulation Induces Systemic Resistance of <i>Medicago truncatula</i> and <i>Pisum sativum</i> Against <i>Erysiphe pisi</i> and Primes for Powdery Mildew-Triggered Salicylic Acid Accumulation. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1243-1255.	2.6	25
96	Arabidopsis MLO2 is a negative regulator of sensitivity to extracellular reactive oxygen species. <i>Plant, Cell and Environment</i> , 2018, 41, 782-796.	5.7	24
97	Rumble in the Effector Jungle: Candidate Effector Proteins in Interactions of Plants with Powdery Mildew and Rust Fungi. <i>Critical Reviews in Plant Sciences</i> , 2019, 38, 255-279.	5.7	23
98	Comparative Analysis of MAMP-induced Calcium Influx in Arabidopsis Seedlings and Protoplasts. <i>Plant and Cell Physiology</i> , 2014, 55, 1813-1825.	3.1	20
99	Cross-Kingdom Analysis of Diversity, Evolutionary History, and Site Selection within the Eukaryotic Macrophage Migration Inhibitory Factor Superfamily. <i>Genes</i> , 2019, 10, 740.	2.4	19
100	Evidence for Allele-Specific Levels of Enhanced Susceptibility of Wheat mlo Mutants to the Hemibiotrophic Fungal Pathogen <i>Magnaporthe oryzae</i> pv. <i>Triticum</i> . <i>Genes</i> , 2020, 11, 517.	2.4	19
101	Dissecting Arabidopsis G ¹ 2 Signal Transduction on the Protein Surface. <i>Plant Physiology</i> , 2012, 159, 975-983.	4.8	18
102	The <i>Parauncinula polyspora</i> Draft Genome Provides Insights into Patterns of Gene Erosion and Genome Expansion in Powdery Mildew Fungi. <i>MBio</i> , 2019, 10, .	4.1	18
103	Testing the efficiency of dsRNAi constructs in vivo: a transient expression assay based on two fluorescent proteins. <i>Molecular Biology Reports</i> , 2003, 30, 135-140.	2.3	17
104	Molecular characterization of mlo mutants in North American two- and six-rowed malting barley cultivars. <i>Molecular Plant Pathology</i> , 2005, 6, 315-320.	4.2	16
105	Arabidopsis mlo3 mutant plants exhibit spontaneous callose deposition and signs of early leaf senescence. <i>Plant Molecular Biology</i> , 2019, 101, 21-40.	3.9	16
106	Fine mapping and chromosome walking towards the Ror1 locus in barley (<i>Hordeum vulgare</i> L.). <i>Theoretical and Applied Genetics</i> , 2013, 126, 2969-2982.	3.6	15
107	Plant autoimmunity—fresh insights into an old phenomenon. <i>Plant Physiology</i> , 2022, 188, 1419-1434.	4.8	15
108	Expression and chloroplast-targeting of active phosphoenolpyruvate synthetase from <i>Escherichia coli</i> in <i>Solanum tuberosum</i> . <i>Plant Science</i> , 1997, 127, 191-205.	3.6	12

#	ARTICLE	IF	CITATIONS
109	Novel jack-in-the-box effector of the barley powdery mildew pathogen?. <i>Journal of Experimental Botany</i> , 2018, 69, 3511-3514.	4.8	12
110	A fungal powdery mildew pathogen induces extensive local and marginal systemic changes in the <i>Arabidopsis thaliana</i> microbiota. <i>Environmental Microbiology</i> , 2021, 23, 6292-6308.	3.8	12
111	A Short-Read Genome Assembly Resource for <i>Leveillula taurica</i> Causing Powdery Mildew Disease of Sweet Pepper (<i>Capsicum annuum</i>). <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 782-786.	2.6	11
112	Introduction to a Virtual Special Issue on phytopathogen effector proteins. <i>New Phytologist</i> , 2014, 202, 727-730.	7.3	10
113	Chemokine-like MDL proteins modulate flowering time and innate immunity in plants. <i>Journal of Biological Chemistry</i> , 2021, 296, 100611.	3.4	10
114	Widely Conserved Attenuation of Plant MAMP-Induced Calcium Influx by Bacteria Depends on Multiple Virulence Factors and May Involve Desensitization of Host Pattern Recognition Receptors. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 608-621.	2.6	9
115	Cross-kingdom mimicry of the receptor signaling and leukocyte recruitment activity of a human cytokine by its plant orthologs. <i>Journal of Biological Chemistry</i> , 2020, 295, 850-867.	3.4	9
116	Ready to fire. <i>Plant Signaling and Behavior</i> , 2008, 3, 505-508.	2.4	8
117	A family of pathogen-induced cysteine-rich transmembrane proteins is involved in plant disease resistance. <i>Planta</i> , 2021, 253, 102.	3.2	8
118	Ultraviolet Mutagenesis Coupled with Next-Generation Sequencing as a Method for Functional Interrogation of Powdery Mildew Genomes. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 1008-1021.	2.6	7
119	Beyond Nuclear Ribosomal DNA Sequences: Evolution, Taxonomy, and Closest Known Saprobiic Relatives of Powdery Mildew Fungi (Erysiphaceae) Inferred From Their First Comprehensive Genome-Scale Phylogenetic Analyses. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	7
120	Powdery mildew genomes reloaded. <i>New Phytologist</i> , 2014, 202, 13-14.	7.3	6
121	The Role of Seven-Transmembrane Domain MLO Proteins, Heterotrimeric G-Proteins, and Monomeric RAC/ROPs in Plant Defense. <i>Signaling and Communication in Plants</i> , 2010, , 197-220.	0.7	6
122	On the ligand binding profile and desensitization of plant ionotropic glutamate receptor (iGluR)-like channels functioning in MAMP-triggered Ca ²⁺ -influx. <i>Plant Signaling and Behavior</i> , 2012, 7, 1373-1377.	2.4	5
123	Cross-kingdom mimicry of the receptor signaling and leukocyte recruitment activity of a human cytokine by its plant orthologs. <i>Journal of Biological Chemistry</i> , 2020, 295, 850-867.	3.4	5
124	An advanced method for the release, enrichment and purification of high-quality <i>Arabidopsis thaliana</i> rosette leaf trichomes enables profound insights into the trichome proteome. <i>Plant Methods</i> , 2022, 18, 12.	4.3	5
125	Rapid evolution in the tug-of-war between microbes and plants. <i>New Phytologist</i> , 2018, 219, 12-14.	7.3	4
126	A cross-kingdom view on the immunomodulatory role of MIF/DaDT proteins in mammalian and plant <i>Pseudomonas</i> infections. <i>Immunology</i> , 2022, 166, 287-298.	4.4	4

#	ARTICLE	IF	CITATIONS
127	Introduction to a <i>Virtual Special Issue</i> on cell biology at the plantâ€™microbe interface. New Phytologist, 2015, 207, 931-938.	7.3	3
128	Chemical suppressors of <i>mlo</i>-mediated powdery mildew resistance. Bioscience Reports, 2017, 37, .	2.4	3
129	Alloxan Disintegrates the Plant Cytoskeleton and Suppresses mlo-Mediated Powdery Mildew Resistance. Plant and Cell Physiology, 2020, 61, 505-518.	3.1	3
130	First draft genome assemblies of Pleochaeta shiraiana and Phyllactinia moricola, two tree-parasitic powdery mildew fungi with hemiendophytic mycelia. Phytopathology, 2021, , .	2.2	3
131	Gene Gun-Mediated Transient Gene Expression for Functional Studies in Plant Immunity. Methods in Molecular Biology, 2022, , 63-77.	0.9	3
132	Introduction to a <i>Virtual Special Issue</i> on pathogenic plantâ€™fungus interactions. New Phytologist, 2010, 188, 907-910.	7.3	2
133	Bacterial <sc>RNA</sc> â€™ a new <sc>MAMP</sc> on the block?. New Phytologist, 2016, 209, 458-460.	7.3	2
134	Studying Plant MIF/D-DT-Like Genes and Proteins (MDLs). Methods in Molecular Biology, 2020, 2080, 249-261.	0.9	2
135	Focus Issue Editorial: Biotic Stress. Plant Physiology, 2019, 179, 1193-1195.	4.8	1
136	Defence Responses in Plants. , 2009, , 363-385.		0
137	One microRNAâ€™like small RNA â€™ two silencing pathways?. New Phytologist, 2021, 232, 464-467.	7.3	0