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List of Publications by Year in descending order

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61
papers

8,279
citations

66343

42
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128289

60
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62
all docs

62
docs citations

62
times ranked

5668
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequence and analysis of the Irish potato famine pathogen <i>Phytophthora infestans</i> . <i>Nature</i> , 2009, 461, 393-398.	27.8	1,405
2	Stacks on tracks: the plant Golgi apparatus traffics on an actin/ER network. <i>Plant Journal</i> , 1998, 15, 441-447.	5.7	818
3	A translocation signal for delivery of oomycete effector proteins into host plant cells. <i>Nature</i> , 2007, 450, 115-118.	27.8	760
4	Simple, but Not Branched, Plasmodesmata Allow the Nonspecific Trafficking of Proteins in Developing Tobacco Leaves. <i>Cell</i> , 1999, 97, 743-754.	28.9	420
5	<i>Phytophthora infestans</i> effector AVR3a is essential for virulence and manipulates plant immunity by stabilizing host E3 ligase CMPG1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9909-9914.	7.1	412
6	An RxLR Effector from <i>Phytophthora infestans</i> Prevents Re-localisation of Two Plant NAC Transcription Factors from the Endoplasmic Reticulum to the Nucleus. <i>PLoS Pathogens</i> , 2013, 9, e1003670.	4.7	210
7	High-Throughput Viral Expression of cDNA Green Fluorescent Protein Fusions Reveals Novel Subcellular Addresses and Identifies Unique Proteins That Interact with Plasmodesmata. <i>Plant Cell</i> , 2003, 15, 1507-1523.	6.6	203
8	<i>Phytophthora infestans</i> RXLR Effector PexRD2 Interacts with Host MAPKKK1 to Suppress Plant Immune Signaling. <i>Plant Cell</i> , 2014, 26, 1345-1359.	6.6	188
9	Functional Analysis of a DNA-Shuffled Movement Protein Reveals That Microtubules Are Dispensable for the Cell-to-Cell Movement of Tobacco mosaic virus. <i>Plant Cell</i> , 2002, 14, 1207-1222.	6.6	178
10	Oomycete RXLR effectors: delivery, functional redundancy and durable disease resistance. <i>Current Opinion in Plant Biology</i> , 2008, 11, 373-379.	7.1	157
11	Identification and Characterisation CRN Effectors in <i>Phytophthora capsici</i> Shows Modularity and Functional Diversity. <i>PLoS ONE</i> , 2013, 8, e59517.	2.5	156
12	Virus-mediated delivery of the green fluorescent protein to the endoplasmic reticulum of plant cells. <i>Plant Journal</i> , 1996, 10, 935-941.	5.7	149
13	Involvement of cathepsin B in the plant disease resistance hypersensitive response. <i>Plant Journal</i> , 2007, 52, 1-13.	5.7	147
14	CMPG1-dependent cell death follows perception of diverse pathogen elicitors at the host plasma membrane and is suppressed by <i>Phytophthora infestans</i> RXLR effector AVR3a. <i>New Phytologist</i> , 2011, 190, 653-666.	7.3	142
15	Presence/absence, differential expression and sequence polymorphisms between <i>PiAVR2</i> and <i>PiAVR2-like</i> in <i>Phytophthora infestans</i> determine virulence on <i>R2</i> plants. <i>New Phytologist</i> , 2011, 191, 763-776.	7.3	142
16	The Movement Protein of Cucumber Mosaic Virus Traffics into Sieve Elements in Minor Veins of <i>Nicotiana clevelandii</i> . <i>Plant Cell</i> , 1998, 10, 525-537.	6.6	141
17	Dynamic changes in the frequency and architecture of plasmodesmata during the sink-source transition in tobacco leaves. <i>Protoplasma</i> , 2001, 218, 31-44.	2.1	133
18	Targeting of TMV Movement Protein to Plasmodesmata Requires the Actin/ER Network; Evidence From FRAP. <i>Traffic</i> , 2007, 8, 21-31.	2.7	133

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19	Virus-Host Interactions during Movement Processes. <i>Plant Physiology</i> , 2005, 138, 1815-1821.	4.8	128
20	A <i>Phytophthora infestans</i> RXLR effector targets plant PP1c isoforms that promote late blight disease. <i>Nature Communications</i> , 2016, 7, 10311.	12.8	123
21	Delivery of cytoplasmic and apoplastic effectors from <i>Phytophthora infestans</i> haustoria by distinct secretion pathways. <i>New Phytologist</i> , 2017, 216, 205-215.	7.3	121
22	ER quality control can lead to retrograde transport from the ER lumen to the cytosol and the nucleoplasm in plants. <i>Plant Journal</i> , 2003, 34, 269-281.	5.7	118
23	Functionally Redundant RXLR Effectors from <i>Phytophthora infestans</i> Act at Different Steps to Suppress Early flg22-Triggered Immunity. <i>PLoS Pathogens</i> , 2014, 10, e1004057.	4.7	115
24	The cell biology of late blight disease. <i>Current Opinion in Microbiology</i> , 2016, 34, 127-135.	5.1	106
25	Towards understanding the virulence functions of RXLR effectors of the oomycete plant pathogen <i>Phytophthora infestans</i> . <i>Journal of Experimental Botany</i> , 2009, 60, 1133-1140.	4.8	92
26	All Roads Lead to Susceptibility: The Many Modes of Action of Fungal and Oomycete Intracellular Effectors. <i>Plant Communications</i> , 2020, 1, 100050.	7.7	90
27	A novel <i>Phytophthora infestans</i> haustorium-specific membrane protein is required for infection of potato. <i>Cellular Microbiology</i> , 2008, 10, 2271-2284.	2.1	87
28	Transport of virally expressed green fluorescent protein through the secretory pathway in tobacco leaves is inhibited by cold shock and brefeldin A. <i>Planta</i> , 1999, 208, 392-400.	3.2	83
29	RXLR Effector AVR2 Up-Regulates a Brassinosteroid-Responsive bHLH Transcription Factor to Suppress Immunity. <i>Plant Physiology</i> , 2017, 174, 356-369.	4.8	82
30	Relocalization of Late Blight Resistance Protein R3a to Endosomal Compartments Is Associated with Effector Recognition and Required for the Immune Response. <i>Plant Cell</i> , 2013, 24, 5142-5158.	6.6	77
31	Studying the movement of plant viruses using green fluorescent protein. <i>Trends in Plant Science</i> , 1996, 1, 412-418.	8.8	76
32	Potato NPH3/RPT2-Like Protein StNRL1, Targeted by a <i>Phytophthora infestans</i> RXLR Effector, Is a Susceptibility Factor. <i>Plant Physiology</i> , 2016, 171, 645-657.	4.8	71
33	Localization and domain characterization of <i>Arabidopsis</i> golgin candidates. <i>Journal of Experimental Botany</i> , 2007, 58, 4373-4386.	4.8	69
34	An <i>Arabidopsis</i> GRIP domain protein locates to the trans-Golgi and binds the small GTPase ARL1. <i>Plant Journal</i> , 2005, 44, 459-470.	5.7	66
35	<i>Phytophthora infestans</i> RXLR effectors act in concert at diverse subcellular locations to enhance host colonization. <i>Journal of Experimental Botany</i> , 2019, 70, 343-356.	4.8	66
36	A Host KH RNA-Binding Protein Is a Susceptibility Factor Targeted by an RXLR Effector to Promote Late Blight Disease. <i>Molecular Plant</i> , 2015, 8, 1385-1395.	8.3	62

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37	A suite of novel promoters and terminators for plant biotechnology. <i>Functional Plant Biology</i> , 2003, 30, 443.	2.1	61
38	The Potato MAP3K StVIK Is Required for the <i>Phytophthora infestans</i> RXLR Effector Pi17316 to Promote Disease. <i>Plant Physiology</i> , 2018, 177, 398-410.	4.8	61
39	Plant pathogen effector utilizes host susceptibility factor NRL1 to degrade the immune regulator SWAP70. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7834-E7843.	7.1	55
40	The <i>Phytophthora infestans</i> Haustorium Is a Site for Secretion of Diverse Classes of Infection-Associated Proteins. <i>MBio</i> , 2018, 9, .	4.1	54
41	Using GFP to study virus invasion and spread in plant tissues. <i>Nature</i> , 1997, 388, 401-402.	27.8	50
42	Devastating intimacy: the cell biology of plant- <i>Phytophthora</i> interactions. <i>New Phytologist</i> , 2020, 228, 445-458.	7.3	48
43	U-box E3 ubiquitin ligase PUB17 acts in the nucleus to promote specific immune pathways triggered by <i>Phytophthora infestans</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 3189-3199.	4.8	47
44	Detection of the Virulent Form of AVR3a from <i>Phytophthora infestans</i> following Artificial Evolution of Potato Resistance Gene R3a. <i>PLoS ONE</i> , 2014, 9, e110158.	2.5	45
45	<i>Phytophthora infestans</i> RXLR effector SFI5 requires association with calmodulin for PTI/MTI suppressing activity. <i>New Phytologist</i> , 2018, 219, 1433-1446.	7.3	42
46	Oomycetes Seek Help from the Plant: <i>Phytophthora infestans</i> Effectors Target Host Susceptibility Factors. <i>Molecular Plant</i> , 2016, 9, 636-638.	8.3	41
47	BTB-BACK Domain Protein POB1 Suppresses Immune Cell Death by Targeting Ubiquitin E3 ligase PUB17 for Degradation. <i>PLoS Genetics</i> , 2017, 13, e1006540.	3.5	41
48	Cytoplasmic illuminations: In planta targeting of fluorescent proteins to cellular organelles. <i>Protoplasma</i> , 2001, 215, 77-88.	2.1	37
49	<i>Phytophthora infestans</i> effector SFI3 targets potato UBK to suppress early immune transcriptional responses. <i>New Phytologist</i> , 2019, 222, 438-454.	7.3	33
50	Exchanging missives and missiles: the roles of extracellular vesicles in plant-pathogen interactions. <i>Journal of Experimental Botany</i> , 2017, 68, 5411-5414.	4.8	26
51	Imaging Fluorescently Tagged <i>Phytophthora</i> Effector Proteins Inside Infected Plant Tissue. <i>Methods in Molecular Biology</i> , 2011, 712, 195-209.	0.9	18
52	A Conserved Oomycete CRN Effector Targets Tomato TCP14-2 to Enhance Virulence. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 309-318.	2.6	17
53	Membrane trafficking in higher plant cells: GFP and antibodies, partners for probing the secretory pathway. <i>Biochimie</i> , 1999, 81, 597-605.	2.6	15
54	The Ubiquitin E3 Ligase PUB17 Positively Regulates Immunity by Targeting a Negative Regulator, KH17, for Degradation. <i>Plant Communications</i> , 2020, 1, 100020.	7.7	15

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55	Exploiting Knowledge of Pathogen Effectors to Enhance Late Blight Resistance in Potato. <i>Potato Research</i> , 2011, 54, 325-340.	2.7	10
56	In Vivo Protein-Protein Interaction Studies with BiFC: Conditions, Cautions, and Caveats. <i>Methods in Molecular Biology</i> , 2014, 1127, 81-90.	0.9	10
57	Biocontrol of Plant Diseases Using <i>Glycyrrhiza glabra</i> Leaf Extract. <i>Plant Disease</i> , 2022, 106, 3133-3144.	1.4	8
58	The Movement Protein of Cucumber Mosaic Virus Traffics into Sieve Elements in Minor Veins of <i>Nicotiana clevelandii</i> . <i>Plant Cell</i> , 1998, 10, 525.	6.6	6
59	Techniques for Imaging Intercellular Transport. , 0, , 241-262.		6
60	Hauatorium formation and a distinct biotrophic transcriptome characterize infection of <i>Nicotiana benthamiana</i> by the tree pathogen <i>Phytophthora kernoviae</i> . <i>Molecular Plant Pathology</i> , 2021, 22, 954-968.	4.2	5
61	GFP enlightens the study of endomembrane dynamics in plant cells. <i>Plant Biosystems</i> , 2001, 135, 3-12.	1.6	2