

Miles R Armstrong

List of Publications by Year in descending order

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28
papers

5,300
citations

257450

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526287

27
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29
all docs

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docs citations

29
times ranked

3597
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Resistance Genes Using Diagnostic R-Gene (<i>R</i>). <i>Methods in Molecular Biology</i> , 2021, 2354, 213-219.	0.9	0
2	Combination Breeding and Marker-Assisted Selection to Develop Late Blight Resistant Potato Cultivars. <i>Agronomy</i> , 2021, 11, 2192.	3.0	3
3	The Genomic Impact of Selection for Virulence against Resistance in the Potato Cyst Nematode, <i>Globodera pallida</i> . <i>Genes</i> , 2020, 11, 1429.	2.4	8
4	Comparative Transcriptome Profiling Reveals Compatible and Incompatible Patterns of Potato Toward <i>Phytophthora infestans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 623-634.	1.8	31
5	RLP/K enrichment sequencing; a novel method to identify receptor-like protein (<i>RLP</i>) and receptor-like kinase (<i>RLK</i>) genes. <i>New Phytologist</i> , 2020, 227, 1264-1276.	7.3	32
6	Tracking disease resistance deployment in potato breeding by enrichment sequencing. <i>Plant Biotechnology Journal</i> , 2019, 17, 540-549.	8.3	50
7	Mapping the H2 resistance effective against <i>Globodera pallida</i> pathotype Pa1 in tetraploid potato. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1283-1294.	3.6	36
8	<i>Phytophthora infestans</i> RXLR Effectors Target Parallel Steps in an Immune Signal Transduction Pathway. <i>Plant Physiology</i> , 2019, 180, 2227-2239.	4.8	33
9	<i>Phytophthora infestans</i> effector <i>SFL3</i> targets potato <i>UBK</i> to suppress early immune transcriptional responses. <i>New Phytologist</i> , 2019, 222, 438-454.	7.3	33
10	Pathogen enrichment sequencing (PenSeq) enables population genomic studies in oomycetes. <i>New Phytologist</i> , 2019, 221, 1634-1648.	7.3	43
11	Potato late blight field resistance from QTL dPI09c is conferred by the NB-LRR gene R8. <i>Journal of Experimental Botany</i> , 2018, 69, 1545-1555.	4.8	56
12	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
13	Identification and rapid mapping of a gene conferring broad-spectrum late blight resistance in the diploid potato species <i>Solanum verrucosum</i> through DNA capture technologies. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1287-1297.	3.6	65
14	Utilizing Omic Technologies to Identify and Prioritize Novel Sources of Resistance to the Oomycete Pathogen <i>Phytophthora infestans</i> in Potato Germplasm Collections. <i>Frontiers in Plant Science</i> , 2016, 7, 672.	3.6	69
15	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
16	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
17	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
18	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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19	<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
20	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
21	<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
22	The zigzag in oomycete-plant interactions. <i>Molecular Plant Pathology</i> , 2009, 10, 547-562.	4.2	136
23	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
24	A translocation signal for delivery of oomycete effector proteins into host plant cells. <i>Nature</i> , 2007, 450, 115-118.	27.8	760
25	The C-terminal half of <i>Phytophthora infestans</i> RXLR effector AVR3a is sufficient to trigger R3a-mediated hypersensitivity and suppress INF1-induced cell death in <i>Nicotiana benthamiana</i> . <i>Plant Journal</i> , 2006, 48, 165-176.	5.7	402
26	An ancestral oomycete locus contains late blight avirulence gene Avr3a, encoding a protein that is recognized in the host cytoplasm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7766-7771.	7.1	414
27	Patterns of Diversifying Selection in the Phytotoxin-like scr74 Gene Family of <i>Phytophthora infestans</i> . <i>Molecular Biology and Evolution</i> , 2005, 22, 659-672.	8.9	140
28	Differential Recognition of Highly Divergent Downy Mildew Avirulence Gene Alleles by RPP1 Resistance Genes from Two <i>Arabidopsis</i> Lines. <i>Plant Cell</i> , 2005, 17, 1839-1850.	6.6	416