

Gregory J Lawrence

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,561
citations

623734

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h-index

940533

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16
all docs

16
docs citations

16
times ranked

2339
citing authors

#	ARTICLE	IF	CITATIONS
1	Flax rust infection transcriptomics reveals a transcriptional profile that may be indicative for rust Avr genes. PLoS ONE, 2019, 14, e0226106.	2.5	14
2	Structural and functional insights into the modulation of the activity of a flax cytokinin oxidase by flax rust effector AvrL567A. Molecular Plant Pathology, 2019, 20, 211-222.	4.2	15
3	Crystal structure of the Melampsora lini effector AvrP reveals insights into a possible nuclear function and recognition by the flax disease resistance protein P. Molecular Plant Pathology, 2018, 19, 1196-1209.	4.2	24
4	Genome analysis and avirulence gene cloning using a high-density RADseq linkage map of the flax rust fungus, Melampsora lini. BMC Genomics, 2016, 17, 667.	2.8	59
5	The genome sequence and effector complement of the flax rust pathogen Melampsora lini. Frontiers in Plant Science, 2014, 5, 98.	3.6	126
6	N-Terminal Motifs in Some Plant Disease Resistance Proteins Function in Membrane Attachment and Contribute to Disease Resistance. Molecular Plant-Microbe Interactions, 2012, 25, 379-392.	2.6	62
7	A survey of Î²-glucan and arabinoxylan content in wheat. Journal of the Science of Food and Agriculture, 2011, 91, 1298-1303.	3.5	34
8	TECHNICAL ADVANCE: Transformation of the flax rust fungus, Melampsora lini: selection via silencing of an avirulence gene. Plant Journal, 2010, 61, 364-369.	5.7	75
9	Internalization of Flax Rust Avirulence Proteins into Flax and Tobacco Cells Can Occur in the Absence of the Pathogen. Plant Cell, 2010, 22, 2017-2032.	6.6	185
10	Diversity and Evolution of Effector Loci in Natural Populations of the Plant Pathogen Melampsora lini. Molecular Biology and Evolution, 2009, 26, 2499-2513.	8.9	130
11	Crystal Structures of Flax Rust Avirulence Proteins AvrL567-A and -D Reveal Details of the Structural Basis for Flax Disease Resistance Specificity. Plant Cell, 2007, 19, 2898-2912.	6.6	143
12	Flax Rust Resistance Gene Specificity is Based on Direct Resistance-Avirulence Protein Interactions. Annual Review of Phytopathology, 2007, 45, 289-306.	7.8	186
13	Rust of flax and linseed caused by Melampsora lini. Molecular Plant Pathology, 2007, 8, 349-364.	4.2	49
14	Direct protein interaction underlies gene-for-gene specificity and coevolution of the flax resistance genes and flax rust avirulence genes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8888-8893.	7.1	695
15	Haustorially Expressed Secreted Proteins from Flax Rust Are Highly Enriched for Avirulence Elicitors. Plant Cell, 2005, 18, 243-256.	6.6	399
16	The Melampsora lini AvrL567 Avirulence Genes Are Expressed in Haustoria and Their Products Are Recognized inside Plant Cells. Plant Cell, 2004, 16, 755-768.	6.6	365