

Gregory J Lawrence

List of Publications by Year in descending order

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16
papers

2,561
citations

623734

14
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

2339
citing authors

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