

Elodie Gaulin

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,295
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2029
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogenicity of animal and plant parasitic <i>Aphanomyces</i> spp and their economic impact on aquaculture and agriculture. <i>Fungal Biology Reviews</i> , 2022, 40, 1-18.	4.7	11
2	A Comprehensive Assessment of the Secretome Responsible for Host Adaptation of the Legume Root Pathogen <i>Aphanomyces euteiches</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 88.	3.5	4
3	An oomycete effector targets a plant RNA helicase involved in root development and defense. <i>New Phytologist</i> , 2022, 233, 2232-2248.	7.3	12
4	Long-Read Genome Sequence of the Sugar Beet Rhizosphere Mycoparasite <i>Pythium oligandrum</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 431-436.	1.8	18
5	DNA-Damaging Effectors: New Players in the Effector Arena. <i>Trends in Plant Science</i> , 2019, 24, 1094-1101.	8.8	13
6	Preparation of Plant Material for Analysis of Protein–Nucleic Acid Interactions by FRET-FLIM. <i>Methods in Molecular Biology</i> , 2019, 1991, 69-77.	0.9	4
7	Genomics analysis of <i>Aphanomyces</i> spp. identifies a new class of oomycete effector associated with host adaptation. <i>BMC Biology</i> , 2018, 16, 43.	3.8	62
8	Detection of nucleic acid–protein interactions in plant leaves using fluorescence lifetime imaging microscopy. <i>Nature Protocols</i> , 2017, 12, 1933-1950.	12.0	42
9	<sc>CRN</sc>13 candidate effectors from plant and animal eukaryotic pathogens are <sc>DNA</sc>-binding proteins which trigger host <sc>DNA</sc> damage response. <i>New Phytologist</i> , 2016, 210, 602-617.	7.3	54
10	Distinctive Expansion of Potential Virulence Genes in the Genome of the Oomycete Fish Pathogen <i>Saprolegnia parasitica</i> . <i>PLoS Genetics</i> , 2013, 9, e1003272.	3.5	221
11	The unique architecture and function of cellulose-interacting proteins in oomycetes revealed by genomic and structural analyses. <i>BMC Genomics</i> , 2012, 13, 605.	2.8	40
12	Ancient class of translocated oomycete effectors targets the host nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17421-17426.	7.1	326
13	Signatures of Adaptation to Obligate Biotrophy in the <i>Hyaloperonospora arabidopsidis</i> Genome. <i>Science</i> , 2010, 330, 1549-1551.	12.6	492
14	Genome sequence of the necrotrophic plant pathogen <i>Pythium ultimum</i> reveals original pathogenicity mechanisms and effector repertoire. <i>Genome Biology</i> , 2010, 11, R73.	9.6	391
15	Transcriptome of <i>Aphanomyces euteiches</i> : New Oomycete Putative Pathogenicity Factors and Metabolic Pathways. <i>PLoS ONE</i> , 2008, 3, e1723.	2.5	109
16	Root rot disease of legumes caused by <i>Aphanomyces euteiches</i> . <i>Molecular Plant Pathology</i> , 2007, 8, 539-548.	4.2	140
17	AphanoDB: a genomic resource for <i>Aphanomyces</i> pathogens. <i>BMC Genomics</i> , 2007, 8, 471.	2.8	43
18	Cellulose Binding Domains of a <i>Phytophthora</i> Cell Wall Protein Are Novel Pathogen-Associated Molecular Patterns. <i>Plant Cell</i> , 2006, 18, 1766-1777.	6.6	149

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19	The CBEL glycoprotein of <i>Phytophthora parasitica</i> var. <i>nicotianae</i> is involved in cell wall deposition and adhesion to cellulosic substrates. <i>Journal of Cell Science</i> , 2002, 115, 4565-4575.	2.0	164