Elodie Gaulin

List of Publications by Year
in descending order

19	2,295	623734	794594
papers	citations	14 h-index	19 g-index

20	20	20	2029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Signatures of Adaptation to Obligate Biotrophy in the Hyaloperonospora arabidopsidis Genome. Science, 2010, 330, 1549-1551.	12.6	492
2	Genome sequence of the necrotrophic plant pathogen Pythium ultimum reveals original pathogenicity mechanisms and effector repertoire. Genome Biology, 2010, 11, R73.	9.6	391
3	Ancient class of translocated oomycete effectors targets the host nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17421-17426.	7.1	326
4	Distinctive Expansion of Potential Virulence Genes in the Genome of the Oomycete Fish Pathogen Saprolegnia parasitica. PLoS Genetics, 2013, 9, e1003272.	3.5	221
5	The CBEL glycoprotein ofPhytophthora parasiticavar-nicotianaeis involved in cell wall deposition and adhesion to cellulosic substrates. Journal of Cell Science, 2002, 115, 4565-4575.	2.0	164
6	Cellulose Binding Domains of a Phytophthora Cell Wall Protein Are Novel Pathogen-Associated Molecular Patterns. Plant Cell, 2006, 18, 1766-1777.	6.6	149
7	Root rot disease of legumes caused by Aphanomyces euteiches. Molecular Plant Pathology, 2007, 8, 539-548.	4.2	140
8	Transcriptome of Aphanomyces euteiches: New Oomycete Putative Pathogenicity Factors and Metabolic Pathways. PLoS ONE, 2008, 3, e1723.	2.5	109
9	Genomics analysis of Aphanomyces spp. identifies a new class of oomycete effector associated with host adaptation. BMC Biology, 2018, 16, 43.	3.8	62
10	<scp>CRN</scp>13 candidate effectors from plant and animal eukaryotic pathogens are <scp>DNA</scp>â€binding proteins which trigger host <scp>DNA</scp> damage response. New Phytologist, 2016, 210, 602-617.	7.3	54
11	AphanoDB: a genomic resource for Aphanomyces pathogens. BMC Genomics, 2007, 8, 471.	2.8	43
12	Detection of nucleic acidâ€“protein interactions in plant leaves using fluorescence lifetime imaging microscopy. Nature Protocols, 2017, 12, 1933-1950.	12.0	42
13	The unique architecture and function of cellulose-interacting proteins in oomycetes revealed by genomic and structural analyses. BMC Genomics, 2012, 13, 605.	2.8	40
14	Long-Read Genome Sequence of the Sugar Beet Rhizosphere Mycoparasite Pythium oligandrum. G3: Genes, Genomes, Genetics, 2020, 10, 431-436.	1.8	18
15	DNA-Damaging Effectors: New Players in the Effector Arena. Trends in Plant Science, 2019, 24, 1094-1101.	8.8	13
16	An oomycete effector targets a plant RNA helicase involved in root development and defense. New Phytologist, 2022, 233, 2232-2248.	7.3	12
17	Pathogenicity of animal and plant parasitic Aphanomyces spp and their economic impact on aquaculture and agriculture. Fungal Biology Reviews, 2022, 40, 1-18.	4.7	11
18	Preparation of Plant Material for Analysis of Proteinâ€“Nucleic Acid Interactions by FRET-FLIM. Methods in Molecular Biology, 2019, 1991, 69-77.	0.9	4

#	Article	IF	Citations
19	A Comprehensive Assessment of the Secretome Responsible for Host Adaptation of the Legume Root Pathogen Aphanomyces euteiches. Journal of Fungi (Basel, Switzerland), 2022, 8, 88.	3.5	4