Hugo Germain

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5768194/publications.pdf

Version: 2024-02-01

48 papers	1,945 citations	361045 20 h-index	264894 42 g-index
54 all docs	54 docs citations	54 times ranked	3385 citing authors

#	Article	IF	Citations
1	Asymptomatic carriers of COVID-19 in a confined adult community population in Quebec: A cross-sectional study. American Journal of Infection Control, 2021, 49, 120-122.	1.1	10
2	Diatoms Biotechnology: Various Industrial Applications for a Greener Tomorrow. Frontiers in Marine Science, 2021, 8, .	1.2	30
3	Unrelated Fungal Rust Candidate Effectors Act on Overlapping Plant Functions. Microorganisms, 2021, 9, 996.	1.6	2
4	The Fungal Effector Mlp37347 Alters Plasmodesmata Fluxes and Enhances Susceptibility to Pathogen. Microorganisms, 2021, 9, 1232.	1.6	9
5	Antibacterial electrospun chitosan-PEO/TEMPO-oxidized cellulose composite for water filtration. Journal of Environmental Chemical Engineering, 2021, 9, 106204.	3.3	14
6	Recent Development on Plant Aldehyde Dehydrogenase Enzymes and Their Functions in Plant Development and Stress Signaling. Genes, 2021, 12, 51.	1.0	41
7	A First Insight into North American Plant Pathogenic Fungi Armillaria sinapina Transcriptome. Biology, 2020, 9, 153.	1.3	6
8	Overexpression of wheat transcription factor (TaHsfA6b) provides thermotolerance in barley. Planta, 2020, 252, 53.	1.6	24
9	A Poplar Rust Effector Protein Associates with Protein Disulfide Isomerase and Enhances Plant Susceptibility. Biology, 2020, 9, 294.	1.3	8
10	Rapid and Efficient Colony-PCR for High Throughput Screening of Genetically Transformed Chlamydomonas reinhardtii. Life, 2020, 10, 186.	1.1	13
11	SARS-CoV-2 detection by direct rRT-PCR without RNA extraction. Journal of Clinical Virology, 2020, 128, 104423.	1.6	86
12	Boreal Forest Multifunctionality Is Promoted by Low Soil Organic Matter Content and High Regional Bacterial Biodiversity in Northeastern Canada. Forests, 2020, 11, 149.	0.9	8
13	Silicon influences the localization and expression ofPhytophthora sojaeeffectors in interaction with soybean. Journal of Experimental Botany, 2020, 71, 6844-6855.	2.4	11
14	Custom selected reference genes outperform pre-defined reference genes in transcriptomic analysis. BMC Genomics, 2020, 21, 35.	1.2	19
15	Red Light Variation an Effective Alternative to Regulate Biomass and Lipid Profiles in Phaeodactylum tricornutum. Applied Sciences (Switzerland), 2020, 10, 2531.	1.3	23
16	Early topping: an alternative to standard topping increases yield in cannabis production. Plant Science Today, 2020, 7, .	0.4	3
17	Vacuolar membrane structures and their roles in plantâ€“pathogen interactions. Plant Molecular Biology, 2019, 101, 343-354.	2.0	4
18	RNA-Seq de Novo Assembly and Differential Transcriptome Analysis of Chaga (Inonotus obliquus) Cultured with Different Betulin Sources and the Regulation of Genes Involved in Terpenoid Biosynthesis. International Journal of Molecular Sciences, 2019, 20, 4334.	1.8	14

#	Article	IF	Citations
19	Estimation of Fungal Diversity and Identification of Major Abiotic Drivers Influencing Fungal Richness and Communities in Northern Temperate and Boreal Quebec Forests. Forests, 2019, 10, 1096.	0.9	16
20	Advances in understanding obligate biotrophy in rust fungi. New Phytologist, 2019, 222, 1190-1206.	3.5	109
21	DNA distribution pattern and metabolite profile of wild edible lobster mushroom (Hypomyces) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	3
22	Infection assays in Arabidopsis reveal candidate effectors from the poplar rust fungus that promote susceptibility to bacteria and oomycete pathogens. Molecular Plant Pathology, 2018, 19, 191-200.	2.0	84
23	A rust fungal effector binds plant DNA and modulates transcription. Scientific Reports, 2018, 8, 14718.	1.6	42
24	New insight into bulb dynamics in the vacuolar lumen of Arabidopsis cells. Botany, 2018, 96, 511-520.	0.5	4
25	Turnip Mosaic Virus Uses the SNARE Protein VTI11 in an Unconventional Route for Replication Vesicle Trafficking. Plant Cell, 2018, 30, 2594-2615.	3.1	51
26	Droplet Digital PCR versus qPCR for gene expression analysis with low abundant targets: from variable nonsense to publication quality data. Scientific Reports, 2017, 7, 2409.	1.6	379
27	The Poplar Rust-Induced Secreted Protein (RISP) Inhibits the Growth of the Leaf Rust Pathogen Melampsora larici-populina and Triggers Cell Culture Alkalinisation. Frontiers in Plant Science, 2016, 7, 97.	1.7	11
28	An unbiased nuclear proteomics approach reveals novel nuclear protein components that participates in MAMP-triggered immunity. Plant Signaling and Behavior, 2016, 11, e1183087.	1.2	14
29	Arabidopsis TAF15b Localizes to RNA Processing Bodies and Contributes to snc1-Mediated Autoimmunity. Molecular Plant-Microbe Interactions, 2016, 29, 247-257.	1.4	15
30	The 124202 candidate effector of Melampsora larici-populina interacts with membranes in Nicotiana and Arabidopsis. Canadian Journal of Plant Pathology, 2016, 38, 197-208.	0.8	12
31	Effector biology during biotrophic invasion of plant cells. Virulence, 2014, 5, 703-709.	1.8	49
32	Enhancement of the Arabidopsis floral dip method with XIAMETER OFX-0309 as alternative to Silwet L-77 surfactant. Botany, 2014, 92, 523-525.	0.5	10
33	The Solanum chacoense ovary receptor kinase 11 (ScORK11) undergoes tissue-dependent transcriptional, translational and post-translational regulation. Plant Physiology and Biochemistry, 2013, 70, 261-268.	2.8	2
34	mRNA export: threading the needle. Frontiers in Plant Science, 2013, 4, 59.	1.7	8
35	The National DNA Data Bank of Canada: a Quebecer perspective. Frontiers in Genetics, 2013, 4, 249.	1.1	12
36	The expression pattern of the Picea glauca Defensin 1 promoter is maintained in Arabidopsis thaliana, indicating the conservation of signalling pathways between angiosperms and gymnosperms*. Journal of Experimental Botany, 2012, 63, 785-795.	2.4	31

#	Article	IF	Citations
37	Innate immunity: has poplar made its BED?. New Phytologist, 2011, 189, 678-687.	3.5	29
38	Dissecting plant defence signal transduction: modifiers ofsnc1inArabidopsisâ€. Canadian Journal of Plant Pathology, 2010, 32, 35-42.	0.8	27
39	MOS11: A New Component in the mRNA Export Pathway. PLoS Genetics, 2010, 6, e1001250.	1.5	59
40	Nucleoporin MOS7/Nup88 contributes to plant immunity and nuclear accumulation of defense regulators. Nucleus, 2010, 1, 332-336.	0.6	30
41	Nuclear Pore Complex Component MOS7/Nup88 Is Required for Innate Immunity and Nuclear Accumulation of Defense Regulators inArabidopsisÂ Â. Plant Cell, 2009, 21, 2503-2516.	3.1	233
42	ETHYLENE INSENSITIVE3 and ETHYLENE INSENSITIVE3-LIKE1 Repress SALICYLIC ACID INDUCTION DEFICIENT2 Expression to Negatively Regulate Plant Innate Immunity in Arabidopsis Â Â. Plant Cell, 2009, 21, 2527-2540.	3.1	267
43	ScORK17, a transmembrane receptor-like kinase predominantly expressed in ovules is involved in seed development. Planta, 2008, 228, 851-862.	1.6	10
44	Characterization of ScORK28, a transmembrane functional protein receptor kinase predominantly expressed in ovaries from the wild potato species Solanum chacoense. FEBS Letters, 2007, 581, 5137-5142.	1.3	8
45	Plant bioactive peptides: an expanding class of signaling molecules. Canadian Journal of Botany, 2006, 84, 1-19.	1.2	23
46	Characterization of five RALF-like genes from Solanum chacoense provides support for a developmental role in plants. Planta, 2005, 220, 447-454.	1.6	46
47	A 6374 Unigene Set Corresponding to Low Abundance Transcripts Expressed Following Fertilization in Solanum chacoense Bitt, and Characterization of 30 Receptor-like Kinases. Plant Molecular Biology, 2005, 59, 515-532.	2.0	20
48	DNA polymorphism and molecular diagnosis inInonotusspp.. Canadian Journal of Plant Pathology, 2002, 24, 194-199.	0.8	13