

Fabienne Micheli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6717213/publications.pdf>

Version: 2024-02-01

56
papers

2,816
citations

361413

20
h-index

182427

51
g-index

57
all docs

57
docs citations

57
times ranked

3687
citing authors

#	ARTICLE	IF	CITATIONS
1	Cupuassu (<i>Theobroma grandiflorum</i> [Willd. ex Sprengel] Schumann) Fruit Development: Key Genes Involved in Primary Metabolism and Stress Response. <i>Agronomy</i> , 2022, 12, 763.	3.0	1
2	Transgenic tomato expressing an oxalate decarboxylase gene from <i>Flammulina</i> sp. shows increased survival to <i>Moniliophthora perniciosa</i> . <i>Scientia Horticulturae</i> , 2022, 299, 111004.	3.6	0
3	Identification of a key protein set involved in <i>Moniliophthora perniciosa</i> necrotrophic mycelium and basidiocarp development. <i>Fungal Genetics and Biology</i> , 2021, 157, 103635.	2.1	3
4	The pathogen <i>Moniliophthora perniciosa</i> promotes differential proteomic modulation of cacao genotypes with contrasting resistance to witches' broom disease. <i>BMC Plant Biology</i> , 2020, 20, 1.	3.6	496
5	The glutathione peroxidase family of <i>Theobroma cacao</i> : Involvement in the oxidative stress during witches' broom disease. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3698-3708.	7.5	12
6	Effect of Environmental Conditions on the Yield of Peel and Composition of Essential Oils from Citrus Cultivated in Bahia (Brazil) and Corsica (France). <i>Agronomy</i> , 2020, 10, 1256.	3.0	10
7	<i>Moniliophthora perniciosa</i> development: key genes involved in stress-mediated cell wall organization and autophagy. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 1022-1035.	7.5	8
8	RRGPredictor, a set-theory-based tool for predicting pathogen-associated molecular pattern receptors (PRRs) and resistance (R) proteins from plants. <i>Genomics</i> , 2020, 112, 2666-2676.	2.9	13
9	Involvement of structurally distinct cupuassu chitinases and osmotin in plant resistance to the fungus <i>Moniliophthora perniciosa</i> . <i>Plant Physiology and Biochemistry</i> , 2020, 148, 142-151.	5.8	10
10	HVA22 from citrus: A small gene family whose some members are involved in plant response to abiotic stress. <i>Plant Physiology and Biochemistry</i> , 2019, 142, 395-404.	5.8	16
11	Phylogenetic Origin of Primary and Secondary Metabolic Pathway Genes Revealed by <i>C. maxima</i> and <i>C. reticulata</i> Diagnostic SNPs. <i>Frontiers in Plant Science</i> , 2019, 10, 1128.	3.6	1
12	The selenium-binding protein of <i>Theobroma cacao</i> : A thermostable protein involved in the witches' broom disease resistance. <i>Plant Physiology and Biochemistry</i> , 2019, 142, 472-481.	5.8	3
13	Comparative proteomics of two citrus varieties in response to infection by the fungus <i>Alternaria alternata</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 136, 410-423.	7.5	12
14	Low coverage sequencing for repetitive DNA analysis in <i>Passiflora edulis</i> Sims: citogenomic characterization of transposable elements and satellite DNA. <i>BMC Genomics</i> , 2019, 20, 262.	2.8	17
15	Transcriptomic analysis related to the flowering of the citrus hybrid <i>Microcitrangemonia</i> . <i>Current Plant Biology</i> , 2019, 18, 100097.	4.7	1
16	Recurrent water deficit causes alterations in the profile of redox proteins in citrus plants. <i>Plant Physiology and Biochemistry</i> , 2018, 132, 497-507.	5.8	8
17	Genome sequence and effectorome of <i>Moniliophthora perniciosa</i> and <i>Moniliophthora roreri</i> subpopulations. <i>BMC Genomics</i> , 2018, 19, 509.	2.8	18
18	Characterization of tropical mandarin collection: Implications for breeding related to fruit quality. <i>Scientia Horticulturae</i> , 2018, 239, 289-299.	3.6	8

#	ARTICLE	IF	CITATIONS
19	Recurrent water deficit causes epigenetic and hormonal changes in citrus plants. <i>Scientific Reports</i> , 2017, 7, 13684.	3.3	62
20	Genome size, cytogenetic data and transferability of EST-SSRs markers in wild and cultivated species of the genus <i>Theobroma</i> L. (Byttnerioideae, Malvaceae). <i>PLoS ONE</i> , 2017, 12, e0170799.	2.5	12
21	Alternative oxidase (AOX) constitutes a small family of proteins in <i>Citrus clementina</i> and <i>Citrus sinensis</i> L. Osb. <i>PLoS ONE</i> , 2017, 12, e0176878.	2.5	11
22	Different adaptation strategies of two citrus scion/rootstock combinations in response to drought stress. <i>PLoS ONE</i> , 2017, 12, e0177993.	2.5	28
23	Genome-wide identification and characterization of cacao WRKY transcription factors and analysis of their expression in response to witches' broom disease. <i>PLoS ONE</i> , 2017, 12, e0187346.	2.5	23
24	Selection of Reference Genes for Expression Study in Pulp and Seeds of <i>Theobroma grandiflorum</i> (Willd. ex Spreng.) Schum. <i>PLoS ONE</i> , 2016, 11, e0160646.	2.5	10
25	Mycelial development preceding basidioma formation in <i>Moniliophthora perniciosa</i> is associated to chitin, sugar and nutrient metabolism alterations involving autophagy. <i>Fungal Genetics and Biology</i> , 2016, 86, 33-46.	2.1	11
26	First Microsatellite Markers Developed from Cupuassu ESTs: Application in Diversity Analysis and Cross-Species Transferability to Cacao. <i>PLoS ONE</i> , 2016, 11, e0151074.	2.5	10
27	DATA MINING AND SYSTEMS BIOLOGY FOR IDENTIFYING KEY GENES INVOLVED IN CITRUS QUALITY. <i>Acta Horticulturae</i> , 2015, , 591-598.	0.2	0
28	TcCYPR04, a Cacao Papain-Like Cysteine-Protease Detected in Senescent and Necrotic Tissues Interacts with a Cystatin TcCYS4. <i>PLoS ONE</i> , 2015, 10, e0144440.	2.5	7
29	The pathogenesis-related protein PR-4b from <i>Theobroma cacao</i> presents RNase activity, Ca ²⁺ and Mg ²⁺ dependent-DNase activity and antifungal action on <i>Moniliophthora perniciosa</i> . <i>BMC Plant Biology</i> , 2014, 14, 161.	3.6	36
30	Kinetics and Histopathology of the Cacao-Ceratocystis cacaofunesta Interaction. <i>Tropical Plant Biology</i> , 2013, 6, 37-45.	1.9	12
31	Polygalacturonases from <i>Moniliophthora perniciosa</i> are regulated by fermentable carbon sources and possible post-translational modifications. <i>Fungal Genetics and Biology</i> , 2013, 60, 110-121.	2.1	7
32	Identification, characterization and mapping of EST-derived SSRs from the cacao-Ceratocystis cacaofunesta interaction. <i>Tree Genetics and Genomes</i> , 2013, 9, 117-127.	1.6	8
33	Tc-cAPX, a cytosolic ascorbate peroxidase of <i>Theobroma cacao</i> L. engaged in the interaction with <i>Moniliophthora perniciosa</i> , the causing agent of witches' broom disease. <i>Plant Physiology and Biochemistry</i> , 2013, 73, 254-265.	5.8	12
34	Activity of polygalacturonases from <i>Moniliophthora perniciosa</i> depends on fungus culture conditions and is enhanced by <i>Theobroma cacao</i> extracts. <i>Physiological and Molecular Plant Pathology</i> , 2013, 83, 40-50.	2.5	11
35	Recombinant Î ² -1,3-1,4-glucanase from <i>Theobroma cacao</i> impairs <i>Moniliophthora perniciosa</i> mycelial growth. <i>Molecular Biology Reports</i> , 2013, 40, 5417-5427.	2.3	10
36	Identification of quantitative trait loci linked to Ceratocystis wilt resistance in cacao. <i>Molecular Breeding</i> , 2012, 30, 1563-1571.	2.1	9

#	ARTICLE	IF	CITATIONS
37	Evaluation of the Allergenicity Potential of TcPR-10 Protein from <i>Theobroma cacao</i> . <i>PLoS ONE</i> , 2012, 7, e37969.	2.5	9
38	Transcriptomics and systems biology analysis in identification of specific pathways involved in cacao resistance and susceptibility to witches' broom disease. <i>Molecular BioSystems</i> , 2012, 8, 1507.	2.9	23
39	Unraveling new genes associated with seed development and metabolism in <i>Bixa orellana</i> L. by expressed sequence tag (EST) analysis. <i>Molecular Biology Reports</i> , 2011, 38, 1329-1340.	2.3	29
40	Hydrogen peroxide formation in cacao tissues infected by the hemibiotrophic fungus <i>Moniliophthora perniciosa</i> . <i>Plant Physiology and Biochemistry</i> , 2011, 49, 917-922.	5.8	48
41	<i>Theobroma cacao</i> cystatins impair <i>Moniliophthora perniciosa</i> mycelial growth and are involved in postponing cell death symptoms. <i>Planta</i> , 2010, 232, 1485-1497.	3.2	21
42	Development, characterization, validation, and mapping of SSRs derived from <i>Theobroma cacao</i> L.â€™ <i>Moniliophthora perniciosa</i> interaction ESTs. <i>Tree Genetics and Genomes</i> , 2010, 6, 663-676.	1.6	20
43	Functional Genomics of Cacao. <i>Advances in Botanical Research</i> , 2010, 55, 119-177.	1.1	17
44	High-Affinity Copper Transport and Snq2 Export Permease of <i>Saccharomyces cerevisiae</i> Modulate Cytotoxicity of PR-10 from <i>Theobroma cacao</i> . <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 39-51.	2.6	32
45	Protein extraction for proteome analysis from cacao leaves and meristems, organs infected by <i>Moniliophthora perniciosa</i> , the causal agent of the witches' broom disease. <i>Electrophoresis</i> , 2008, 29, 2391-2401.	2.4	89
46	Use of response surface methodology to examine chitinase regulation in the basidiomycete <i>Moniliophthora perniciosa</i> . <i>Mycological Research</i> , 2008, 112, 399-406.	2.5	50
47	Pectin Methyl Esterase Inhibits Intrusive and Symplastic Cell Growth in Developing Wood Cells of <i>Populus</i> . <i>Plant Physiology</i> , 2008, 146, 323-324.	4.8	126
48	Identification of New Potential Regulators of the <i>Medicago truncatula</i> â€™ <i>Sinorhizobium meliloti</i> Symbiosis Using a Large-Scale Suppression Subtractive Hybridization Approach. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 321-332.	2.6	35
49	Involvement of calcium oxalate degradation during programmed cell death in <i>Theobroma cacao</i> tissues triggered by the hemibiotrophic fungus <i>Moniliophthora perniciosa</i> . <i>Plant Science</i> , 2007, 173, 106-117.	3.6	94
50	Comparative Analysis of Expressed Genes from Cacao Meristems Infected by <i>Moniliophthora perniciosa</i> . <i>Annals of Botany</i> , 2007, 100, 129-140.	2.9	74
51	Characterization of necrosis and ethylene-inducing proteins (NEP) in the basidiomycete <i>Moniliophthora perniciosa</i> , the causal agent of witches' broom in <i>Theobroma cacao</i> . <i>Mycological Research</i> , 2007, 111, 443-455.	2.5	86
52	Isolation and purification of functional total RNA from different organs of cacao tree during its interaction with the pathogen <i>Crinipellis perniciosa</i> . <i>BioTechniques</i> , 2003, 35, 494-500.	1.8	28
53	Exploring root symbiotic programs in the model legume <i>Medicago truncatula</i> using EST analysis. <i>Nucleic Acids Research</i> , 2002, 30, 5579-5592.	14.5	193
54	Pectin methylesterases: cell wall enzymes with important roles in plant physiology. <i>Trends in Plant Science</i> , 2001, 6, 414-419.	8.8	801

#	ARTICLE	IF	CITATIONS
55	Radial Distribution Pattern of Pectin Methylesterases across the Cambial Region of Hybrid Aspen at Activity and Dormancy. <i>Plant Physiology</i> , 2000, 124, 191-200.	4.8	75
56	Characterization of the pectin methylesterase-like gene AtPME3: a new member of a gene family comprising at least 12 genes in <i>Arabidopsis thaliana</i> . <i>Gene</i> , 1998, 220, 13-20.	2.2	47