

# Claudia Barros Monteiro-Vitorello

## List of Publications by Year in descending order

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60  
papers

6,062  
citations

201385

27  
h-index

138251

58  
g-index

62  
all docs

62  
docs citations

62  
times ranked

7002  
citing authors

#	ARTICLE	IF	CITATIONS
1	A bacterial type three secretion-based delivery system for functional characterization of <i>Sporisorium scitamineum</i> plant immune suppressing effector proteins. <i>Phytopathology</i> , 2022, , .	1.1	2
2	Revealing the high variability on nonconserved core and mobile elements of <i>Austropuccinia psidii</i> and other rust mitochondrial genomes. <i>PLoS ONE</i> , 2021, 16, e0248054.	1.1	5
3	Complete Chromosome-Scale Genome Sequence Resource for <i>Sporisorium panici-leucophaei</i> , the Causal Agent of Sourgrass Smut Disease. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 448-452.	1.4	3
4	A genome sequence resource for the genus <i>Passiflora</i> , the genome of the wild diploid species <i>Passiflora organensis</i> . <i>Plant Genome</i> , 2021, 14, e20117.	1.6	8
5	Arabidopsis-Based Dual-Layered Biological Network Analysis Elucidates Fully Modulated Pathways Related to Sugarcane Resistance on Biotrophic Pathogen Infection. <i>Frontiers in Plant Science</i> , 2021, 12, 707904.	1.7	0
6	Characterization of genes responsive to osmotic and oxidative stresses of the sugarcane bacterial pathogen <i>Leifsonia xyli</i> subsp. <i>xyli</i> . <i>Brazilian Journal of Microbiology</i> , 2020, 51, 77-86.	0.8	7
7	Differential responses of genes and enzymes associated with ROS protective responses in the sugarcane smut fungus. <i>Fungal Biology</i> , 2020, 124, 1039-1051.	1.1	8
8	Multiple resistance of <i>Plasmopara viticola</i> to QoI and CAA fungicides in Brazil. <i>Plant Pathology</i> , 2020, 69, 1708-1720.	1.2	13
9	Leaping into the Unknown World of <i>Sporisorium scitamineum</i> Candidate Effectors. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 339.	1.5	7
10	Time-series expression profiling of sugarcane leaves infected with <i>Puccinia kuehnii</i> reveals an ineffective defense system leading to susceptibility. <i>Plant Cell Reports</i> , 2020, 39, 873-889.	2.8	25
11	Genome survey of resistance gene analogs in sugarcane: genomic features and differential expression of the innate immune system from a smut-resistant genotype. <i>BMC Genomics</i> , 2019, 20, 809.	1.2	22
12	<i>Didelphis albiventris</i> : an overview of unprecedented transcriptome sequencing of the white-eared opossum. <i>BMC Genomics</i> , 2019, 20, 866.	1.2	0
13	Genome-wide alternative splicing landscapes modulated by biotrophic sugarcane smut pathogen. <i>Scientific Reports</i> , 2019, 9, 8876.	1.6	24
14	Aulas Práticas de Laboratório como Método de Ensino de Genética Molecular. <i>Revista De Graduação USP</i> , 2018, 3, 81-85.	0.2	2
15	Revisiting Meiosis in Sugarcane: Chromosomal Irregularities and the Prevalence of Bivalent Configurations. <i>Frontiers in Genetics</i> , 2018, 9, 213.	1.1	31
16	Comparative Genomics of Smut Pathogens: Insights From Orphans and Positively Selected Genes Into Host Specialization. <i>Frontiers in Microbiology</i> , 2018, 9, 660.	1.5	33
17	Novel Insights Into the Early Stages of Ratoon Stunting Disease of Sugarcane Inferred from Transcript and Protein Analysis. <i>Phytopathology</i> , 2018, 108, 1455-1466.	1.1	25
18	Progress in understanding fungal diseases affecting sugarcane: smut. <i>Burleigh Dodds Series in Agricultural Science</i> , 2018, , 221-243.	0.1	2

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19	Sugarcane smut: shedding light on the development of the whip-shaped sorus. <i>Annals of Botany</i> , 2017, 119, mcw169.	1.4	25
20	Functional analysis of oxidative burst in sugarcane smut-resistant and -susceptible genotypes. <i>Planta</i> , 2017, 245, 749-764.	1.6	43
21	Metabolome Dynamics of Smutted Sugarcane Reveals Mechanisms Involved in Disease Progression and Whip Emission. <i>Frontiers in Plant Science</i> , 2017, 8, 882.	1.7	40
22	Molecular variability and genetic relationship among Brazilian strains of the sugarcane smut fungus. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw277.	0.7	6
23	Draft Genome Sequence of <i>Burkholderia ambifaria</i> RZ2MS16, a Plant Growth-Promoting Rhizobacterium Isolated from Guarana, a Tropical Plant. <i>Genome Announcements</i> , 2016, 4, .	0.8	6
24	A stable <i>Leifsonia xyli</i> subsp. <i>xyli</i> GFP-tagged strain reveals a new colonization niche in sugarcane tissues. <i>Plant Pathology</i> , 2016, 65, 154-162.	1.2	19
25	<i>Sporisorium scitamineum</i> colonisation of sugarcane genotypes susceptible and resistant to smut revealed by GFP-tagged strains. <i>Annals of Applied Biology</i> , 2016, 169, 329-341.	1.3	16
26	Development of a qPCR for <i>Leifsonia xyli</i> subsp. <i>xyli</i> and quantification of the effects of heat treatment of sugarcane cuttings on Lxx. <i>Crop Protection</i> , 2016, 80, 51-55.	1.0	22
27	RNAseq Transcriptional Profiling following Whip Development in Sugarcane Smut Disease. <i>PLoS ONE</i> , 2016, 11, e0162237.	1.1	56
28	Analysis of plant gene expression during passion fruit <i>Xanthomonas axonopodis</i> interaction implicates lipoxigenase 2 in host defence. <i>Annals of Applied Biology</i> , 2015, 167, 135-155.	1.3	33
29	Complete Genome Sequence of <i>Sporisorium scitamineum</i> and Biotrophic Interaction Transcriptome with Sugarcane. <i>PLoS ONE</i> , 2015, 10, e0129318.	1.1	93
30	Building the sugarcane genome for biotechnology and identifying evolutionary trends. <i>BMC Genomics</i> , 2014, 15, 540.	1.2	136
31	The Role of Prophage in Plant-Pathogenic Bacteria. <i>Annual Review of Phytopathology</i> , 2013, 51, 429-451.	3.5	76
32	Complete Genome Sequence of <i>Leifsonia xyli</i> subsp. <i>cynodontis</i> Strain DSM46306, a Gram-Positive Bacterial Pathogen of Grasses. <i>Genome Announcements</i> , 2013, 1, .	0.8	9
33	<i>Leptospira interrogans</i> serovar Copenhageni Harbors Two <i>lexA</i> Genes Involved in SOS Response. <i>PLoS ONE</i> , 2013, 8, e76419.	1.1	13
34	Strain-specific polyketide synthase genes of <i>Aspergillus niger</i> . <i>International Journal of Food Microbiology</i> , 2012, 155, 137-145.	2.1	32
35	<i>Xylella fastidiosa</i> comparative genomic database is an information resource to explore the annotation, genomic features, and biology of different strains. <i>Genetics and Molecular Biology</i> , 2012, 35, 149-152.	0.6	15
36	Genetic Diversity and a PCR-Based Method for <i>Xanthomonas axonopodis</i> Detection in Passion Fruit. <i>Phytopathology</i> , 2011, 101, 416-424.	1.1	15

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37	An EST-based analysis identifies new genes and reveals distinctive gene expression features of <i>Coffea arabica</i> and <i>Coffea canephora</i> . <i>BMC Plant Biology</i> , 2011, 11, 30.	1.6	67
38	The <i>Cryphonectria parasitica</i> mitochondrial rns gene: Plasmid-like elements, introns and homing endonucleases. <i>Fungal Genetics and Biology</i> , 2009, 46, 837-848.	0.9	41
39	Characterization of new IS elements and studies of their dispersion in two subspecies of <i>Leifsonia xyli</i> . <i>BMC Microbiology</i> , 2008, 8, 127.	1.3	12
40	The Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2007, 35, D193-D197.	6.5	488
41	The Universal Protein Resource (UniProt). <i>Nucleic Acids Research</i> , 2007, 36, D190-D195.	6.5	852
42	Brazilian coffee genome project: an EST-based genomic resource. <i>Brazilian Journal of Plant Physiology</i> , 2006, 18, 95-108.	0.5	112
43	<i>Xylella</i> and <i>Xanthomonas</i> Mobil'omics. <i>OMICS A Journal of Integrative Biology</i> , 2005, 9, 146-159.	1.0	46
44	Comparative bioinformatic analysis of genes expressed in common bean ( <i>Phaseolus vulgaris</i> L.) seedlings. <i>Genome</i> , 2005, 48, 562-570.	0.9	50
45	Genome features of <i>Leptospira interrogans</i> serovar Copenhageni. <i>Brazilian Journal of Medical and Biological Research</i> , 2004, 37, 459-477.	0.7	175
46	Comparative Genomics of Two <i>Leptospira interrogans</i> Serovars Reveals Novel Insights into Physiology and Pathogenesis. <i>Journal of Bacteriology</i> , 2004, 186, 2164-2172.	1.0	406
47	The Genome Sequence of the Gram-Positive Sugarcane Pathogen <i>Leifsonia xyli</i> subsp. <i>xyli</i> . <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 827-836.	1.4	119
48	EST analysis of mRNAs expressed during embryogenesis in <i>Gallus gallus</i> . <i>International Journal of Developmental Biology</i> , 2004, 48, 333-337.	0.3	10
49	Analysis and Functional Annotation of an Expressed Sequence Tag Collection for Tropical Crop Sugarcane. <i>Genome Research</i> , 2003, 13, 2725-2735.	2.4	254
50	Comparative Analyses of the Complete Genome Sequences of Pierce's Disease and Citrus Variegated Chlorosis Strains of <i>Xylella fastidiosa</i> . <i>Journal of Bacteriology</i> , 2003, 185, 1018-1026.	1.0	307
51	COMPARATIVE GENOMIC ANALYSIS OF PLANT-ASSOCIATED BACTERIA. <i>Annual Review of Phytopathology</i> , 2002, 40, 169-189.	3.5	171
52	Comparison of the genomes of two <i>Xanthomonas</i> pathogens with differing host specificities. <i>Nature</i> , 2002, 417, 459-463.	13.7	1,074
53	A new member of the chalcone synthase (CHS) family in sugarcane. <i>Genetics and Molecular Biology</i> , 2001, 24, 257-261.	0.6	4
54	Screening and genetic improvement of pectinolytic fungi for degumming of textile fibers. <i>Brazilian Journal of Microbiology</i> , 2001, 32, 320.	0.8	29

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55	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.	13.7	827
56	A circular mitochondrial plasmid incites hypovirulence in some strains of <i>Cryphonectria parasitica</i> . <i>Current Genetics</i> , 2000, 37, 242-256.	0.8	30
57	A long open reading frame in the mitochondrial LSU rRNA group-I intron of <i>Cryphonectria parasitica</i> encodes a putative S5 ribosomal protein fused to a maturase. <i>Current Genetics</i> , 1999, 35, 109-117.	0.8	13
58	Physical and genetic map of the mitochondrial genome of <i>Cryphonectria parasitica</i> Ep155. <i>Current Genetics</i> , 1996, 30, 34-43.	0.8	23
59	A cytoplasmically transmissible hypovirulence phenotype associated with mitochondrial DNA mutations in the chestnut blight fungus <i>Cryphonectria parasitica</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5935-5939.	3.3	48
60	Elevated mitochondrial alternative oxidase activity in dsRNA-free, hypovirulent isolates of <i>Cryphonectria parasitica</i> . <i>Physiological and Molecular Plant Pathology</i> , 1993, 42, 455-463.	1.3	32