Paulo J P L Teixeira

List of Publications by Year
in descending order

39	3,107	236833	315616
papers	citations	25 h-index	38 g-index

41	41	41	4282
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Root microbiota drive direct integration of phosphate stress and immunity. Nature, 2017, 543, 513-518.	13.7	669
2	A single bacterial genus maintains root growth in a complex microbiome. Nature, 2020, 587, 103-108.	13.7	245
3	The Plant Microbiome: From Ecology to Reductionism and Beyond. Annual Review of Microbiology, 2020, 74, 81-100.	2.9	225
4	A gene encoding maize caffeoyl-CoA O-methyltransferase confers quantitative resistance to multiple pathogens. Nature Genetics, 2017, 49, 1364-1372.	9.4	199
5	Design of synthetic bacterial communities for predictable plant phenotypes. PLoS Biology, 2018, 16, e2003962.	2.6	182
6	Genome-Wide Assessment of Efficiency and Specificity in CRISPR/Cas9 Mediated Multiple Site Targeting in Arabidopsis. PLoS ONE, 2016, 11, e0162169.	1.1	178
7	Beyond pathogens: microbiota interactions with the plant immune system. Current Opinion in Microbiology, 2019, 49, 7-17.	2.3	171
8	The effects of soil phosphorus content on plant microbiota are driven by the plant phosphate starvation response. PLoS Biology, 2019, 17, e3000534.	2.6	126
9	Pseudomonas syringae Type III Effector HopBB1 Promotes Host Transcriptional Repressor Degradation to Regulate Phytohormone Responses and Virulence. Cell Host and Microbe, 2017, 21, 156-168.	5.1	115
10	Genome and secretome analysis of the hemibiotrophic fungal pathogen, Moniliophthora roreri, which causes frosty pod rot disease of cacao: mechanisms of the biotrophic and necrotrophic phases. BMC Genomics, 2014, 15, 164.	1.2	107
11	High-Resolution Transcript Profiling of the Atypical Biotrophic Interaction betweenTheobroma cacaoand the Fungal PathogenMoniliophthora perniciosaÂ Â Â. Plant Cell, 2014, 26, 4245-4269.	3.1	99
12	Specific modulation of the root immune system by a community of commensal bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	81
13	The genome sequence of Propionibacterium acidipropionici provides insights into its biotechnological and industrial potential. BMC Genomics, 2012, 13, 562.	1.2	74
14	Functional Diversification of Cerato-Platanins in Moniliophthora perniciosa as Seen by Differential Expression and Protein Function Specialization. Molecular Plant-Microbe Interactions, 2013, 26, 1281-1293.	1.4	58
15	Suppression of Plant Immunity by Fungal Chitinase-like Effectors. Current Biology, 2018, 28, 3023-3030.e5.	1.8	53
16	Saccharomyces cerevisiae transcriptional reprograming due to bacterial contamination during industrial scale bioethanol production. Microbial Cell Factories, 2015, 14, 13.	1.9	51
17	The hemibiotrophic cacao pathogen Moniliophthora perniciosa depends on a mitochondrial alternative oxidase for biotrophic development. New Phytologist, 2012, 194, 1025-1034.	3.5	45
18	Contrasting nitrogen fertilization treatments impact xylem gene expression and secondary cell wall lignification in Eucalyptus. BMC Plant Biology, 2014, 14, 256.	1.6	41

#	Article	IF	Citations
19	Effector-Triggered Immune Response in Arabidopsis thaliana Is a Quantitative Trait. Genetics, 2016, 204, 337-353.	1.2	38
20	Root-exuded coumarin shapes the root microbiome. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5629-5631.	3.3	37
21	The Fungal Pathogen Moniliophthora perniciosa Has Genes Similar to Plant PR-1 That Are Highly Expressed during Its Interaction with Cacao. PLoS ONE, 2012, 7, e45929.	1.1	36
22	The Crystal Structure of Necrosis- and Ethylene-Inducing Protein 2 from the Causal Agent of Cacaoâ€™s Witchesâ€™ Broom Disease Reveals Key Elements for Its Activity. Biochemistry, 2011, 50, 9901-9910.	1.2	31
23	Photosynthate Regulation of the Root System Architecture Mediated by the Heterotrimeric G Protein Complex in Arabidopsis. Frontiers in Plant Science, 2016, 7, 1255.	1.7	31
24	Time for Chocolate: Current Understanding and New Perspectives on Cacao Witchesâ€™ Broom Disease Research. PLoS Pathogens, 2015, 11, e1005130.	2.1	31
25	Xylem transcription profiles indicate potential metabolic responses for economically relevant characteristics of Eucalyptusspecies. BMC Genomics, 2013, 14, 201.	1.2	28
26	Ceratocystis cacaofunesta genome analysis reveals a large expansion of extracellular phosphatidylinositol-specific phospholipase-C genes (PI-PLC). BMC Genomics, 2018, 19, 58.	1.2	19
27	Tradict enables accurate prediction of eukaryotic transcriptional states from 100 marker genes. Nature Communications, 2017, 8, 15309.	5.8	18
28	Plant pathogenesisâ€“related proteins of the cacao fungal pathogen Moniliophthora perniciosa differ in their lipid-binding specificities. Journal of Biological Chemistry, 2017, 292, 20558-20569.	1.6	18
29	A potential role for an extracellular methanol oxidase secreted by Moniliophthora perniciosa in Witchesâ€™ broom disease in cacao. Fungal Genetics and Biology, 2012, 49, 922-932.	0.9	17
30	Global analyses of Ceratocystis cacaofunesta mitochondria: from genome to proteome. BMC Genomics, 2013, 14, 91.	1.2	17
31	Genomic analyses and expression evaluation of thaumatin-like gene family in the cacao fungal pathogen Moniliophthora perniciosa. Biochemical and Biophysical Research Communications, 2015, 466, 629-636.	1.0	15
32	Novel receptorâ€like kinases in cacao contain <scp>PR</scp>â€1 extracellular domains. Molecular Plant Pathology, 2013, 14, 602-609.	2.0	12
33	Flavonoid supplementation affects the expression of genes involved in cell wall formation and lignification metabolism and increases sugar content and saccharification in the fast-growing eucalyptus hybrid E. urophylla x E. grandis. BMC Plant Biology, 2014, 14, 301.	1.6	8
34	De Novo Assembly of Candida sojae and Candida boidinii Genomes, Unexplored Xylose-Consuming Yeasts with Potential for Renewable Biochemical Production. Genome Announcements, 2016, 4, .	0.8	8
35	Moniliophthora perniciosa , the causal agent of witchesâ€™ broom disease of cacao, interferes with cytokinin metabolism during infection of Microâ€Tom tomato and promotes symptom development. New Phytologist, 2021, 231, 365-381.	3.5	7
36	Genomics, Transcriptomics, and Beyond: The Fifteen Years of Cacaoâ€™s Witchesâ€™ Broom Disease Genome Project. , 2016, , 179-210.		3

#	Article	IF	Citations
37	MAMP-triggered Medium Alkalinization of Plant Cell Cultures. Bio-protocol, 2020, 10, e3588.	0.2	2
38	Infection by Moniliophthora perniciosa reprograms tomato Micro-Tom physiology, establishes a sink, and increases secondary cell wall synthesis. Journal of Experimental Botany, 2022, 73, 3651-3670.	2.4	2
39	Adaptive evolution of Moniliophthora PR-1 proteins towards its pathogenic lifestyle. Bmc Ecology and Evolution, 2021, 21, 84.	0.7	1