Francismar Corrâ Marcelino-Guimarês

List of Publications by Citations

40 papers	1,014 citations	17 h-index	31 g-index
50 ext. papers	1,323 ext. citations	3.2 avg, IF	3.6 L-index

#	Paper	IF	Citations
40	Identification of novel soybean microRNAs involved in abiotic and biotic stresses. *BMC Genomics*, **2011**, 12, 307	4.5	261
39	The use of microRNAs as reference genes for quantitative polymerase chain reaction in soybean. *Analytical Biochemistry*, **2010**, 406, 185-92	3.1	116
38	Genome-wide analysis of the Hsp20 gene family in soybean: comprehensive sequence, genomic organization and expression profile analysis under abiotic and biotic stresses. *BMC Genomics*, **2013**, 14, 577	4.5	84
37	Phenotyping soybean plants transformed with rd29A:AtDREB1A for drought tolerance in the greenhouse and field. *Transgenic Research*, **2014**, 23, 75-87	3.3	65
36	Genome-wide annotation of the soybean WRKY family and functional characterization of genes involved in response to Phakopsora pachyrhizi infection. *BMC Plant Biology*, **2014**, 14, 236	5.3	53
35	Overexpression of the ABA-Dependent AREB1 Transcription Factor from Arabidopsis thaliana Improves Soybean Tolerance to Water Deficit. *Plant Molecular Biology Reporter*, **2013**, 31, 719-730	1.7	46
34	Evaluation of genetic variation among Brazilian soybean cultivars through genome resequencing. *BMC Genomics*, **2016**, 17, 110	4.5	32
33	Positive and negative roles for soybean MPK6 in regulating defense responses. *Molecular Plant-Microbe Interactions*, **2014**, 27, 824-34	3.6	32
32	Introduction of the rd29A:AtDREB2A CA gene into soybean (Glycine max L. Merril) and its molecular characterization in leaves and roots during dehydration. *Genetics and Molecular Biology*, **2013**, 36, 556-65	2	26
31	Identification of reference genes for expression analysis by real-time quantitative PCR in drought-stressed soybean. *Pesquisa Agropecuaria Brasileira*, **2011**, 46, 58-65	1.8	25
30	Expression patterns of GmAP2/EREB-like transcription factors involved in soybean responses to water deficit. *PLoS ONE*, **2013**, 8, e62294	3.7	24
29	Overall picture of expressed Heat Shock Factors in Glycine max, Lotus japonicus and Medicago truncatula. *Genetics and Molecular Biology*, **2012**, 35, 247-59	2	21
28	Transcriptional analysis of genes involved in nodulation in soybean roots inoculated with Bradyrhizobium japonicum strain CPAC 15. *BMC Genomics*, **2013**, 14, 153	4.5	19
27	Genomic and transcriptomic characterization of the transcription factor family R2R3-MYB in soybean and its involvement in the resistance responses to Phakopsora pachyrhizi. *Plant Science*, **2014**, 229, 32-42	5.3	18
26	Soybean green stem and foliar retention syndrome caused by Aphelenchoides besseyi. *Tropical Plant Pathology*, **2017**, 42, 403-409	2.5	18
25	First report of Curtobacterium flaccumfaciens pv. flaccumfaciens on soybean in Brazil. *Tropical Plant Pathology*, **2013**, 38, 452-454	2.5	18
24	Prediction of the in planta Phakopsora pachyrhizi secretome and potential effector families. *Molecular Plant Pathology*, **2017**, 18, 363-377	5.7	17

23	Differential expression of four soybean bZIP genes during Phakopsora pachyrhizi infection. *Functional and Integrative Genomics*, **2015**, 15, 685-96	3.8	17
22	Characterization of Molecular and Physiological Responses Under Water Deficit of Genetically Modified Soybean Plants Overexpressing the AtAREB1 Transcription Factor. *Plant Molecular Biology Reporter*, **2016**, 34, 410-426	1.7	16
21	Potential fate of ingested Lactobacillus plantarum and its occurrence in human feces. *Applied and Environmental Microbiology*, **2014**, 80, 1013-9	4.8	16
20	Genome-wide association study for resistance to the southern root-knot nematode (Meloidogyne incognita) in soybean. *Molecular Breeding*, **2017**, 37, 1	3.4	14
19	A high efficient protocol for soybean root transformation by Agrobacterium rhizogenes and most stable reference genes for RT-qPCR analysis. *Plant Cell Reports*, **2015**, 34, 1987-2000	5.1	12
18	Natural antisense transcripts in plants: a review and identification in soybean infected with Phakopsora pachyrhizi SuperSAGE library. *Scientific World Journal, The*, **2013**, 2013, 219798	2.2	9
17	The Lesion Simulating Disease (LSD) gene family as a variable in soybean response to Phakopsora pachyrhizi infection and dehydration. *Functional and Integrative Genomics*, **2013**, 13, 323-38	3.8	7
16	Enzimas marcadoras de indu de resist cia diferencialmente reguladas em soja resistente e suscet vel ferrugem-asi tica-da-soja. *Pesquisa Agropecuaria Brasileira*, **2012**, 47, 163-172	1.8	6
15	Fast induction of biosynthetic polysaccharide genes lpxA, lpxE, and rkpI of Rhizobium sp. strain PRF 81 by common bean seed exudates is indicative of a key role in symbiosis. *Functional and Integrative Genomics*, **2013**, 13, 275-83	3.8	6
14	Association mapping of a locus that confers southern stem canker resistance in soybean and SNP marker development. *BMC Genomics*, **2019**, 20, 798	4.5	5
13	Plant Small Heat Shock Proteins and Its Interactions with Biotic Stress. *Heat Shock Proteins*, **2016**, 19-39	0.2	5
12	First Report of Aphelenchoides besseyi Infecting the Aerial Part of Cotton Plants in Brazil. *Plant Disease*, **2018**, 102, 2662-2662	1.5	4
11	Untargeted Metabolomics Analysis by UHPLC-MS/MS of Soybean Plant in a Compatible Response to Infection. *Metabolites*, **2021**, 11,	5.6	4
10	Morphological and molecular characterization of Diaporthe (anamorph Phomopsis) complex and pathogenicity of Diaporthe aspalathi isolates causing stem canker in soybean. *European Journal of Plant Pathology*, **2018**, 151, 1009-1025	2.1	3
9	Proteomic Analysis of Soybean Leaves in a Compatible and an Incompatible Interaction with Phakopsora Pachyrhizi **2014**, 1,		3
8	Genome-wide association study for resistance to the Meloidogyne javanica causing root-knot nematode in soybean. *Theoretical and Applied Genetics*, **2021**, 134, 777-792	6	3
7	Characterization of genetic diversity and pathogenicity of Phakopsora pachyrhizi mono-uredinial isolates collected in Brazil. *European Journal of Plant Pathology*, **2020**, 156, 355-372	2.1	2
6	The soybean gene GmHsp22.4 is involved in the resistance response to Meloidogyne javanica in Arabidopsis thaliana. *BMC Plant Biology*, **2020**, 20, 535	5.3	2

5	New insights into Phakopsora pachyrhizi infection based on transcriptome analysis in planta. *Genetics and Molecular Biology*, **2018**, 41, 671-691	2	2
4	Sensitivity of Cercospora spp. from soybean to quinone outside inhibitors and methyl benzimidazole carbamate fungicides in Brazil. *Tropical Plant Pathology*, **2021**, 46, 69-80	2.5	1
3	Transcriptional profile of genes involved in the production of terpenes and glyceollins in response to biotic stresses in soybean. *Genetics and Molecular Biology*, **2020**, 43, e20190388	2	0
2	Mapping Major Disease Resistance Genes in Soybean by Genome-Wide Association Studies. *Methods in Molecular Biology*, **2022**, 313-340	1.4	0
1	Caracterização Estrutural e Transcricional de Fatores de Transcrição da Família R2R3-MYB no Genoma de Glycine max. *BBR - Biochemistry and Biotechnology Reports*, **2013**, 2, 114		