

Francismar Corrâ Marcelino-Guimarães

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Mapping Major Disease Resistance Genes in Soybean by Genome-Wide Association Studies. <i>Methods in Molecular Biology</i> , 2022 , 313-340	1.4	0
39	Untargeted Metabolomics Analysis by UHPLC-MS/MS of Soybean Plant in a Compatible Response to Infection. <i>Metabolites</i> , 2021 , 11,	5.6	4
38	Genome-wide association study for resistance to the <i>Meloidogyne javanica</i> causing root-knot nematode in soybean. <i>Theoretical and Applied Genetics</i> , 2021 , 134, 777-792	6	3
37	Sensitivity of <i>Cercospora</i> spp. from soybean to quinone outside inhibitors and methyl benzimidazole carbamate fungicides in Brazil. <i>Tropical Plant Pathology</i> , 2021 , 46, 69-80	2.5	1
36	Transcriptional profile of genes involved in the production of terpenes and glyceollins in response to biotic stresses in soybean. <i>Genetics and Molecular Biology</i> , 2020 , 43, e20190388	2	0
35	Characterization of genetic diversity and pathogenicity of <i>Phakopsora pachyrhizi</i> mono-uredinial isolates collected in Brazil. <i>European Journal of Plant Pathology</i> , 2020 , 156, 355-372	2.1	2
34	The soybean gene GmHsp22.4 is involved in the resistance response to <i>Meloidogyne javanica</i> in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2020 , 20, 535	5.3	2
33	Association mapping of a locus that confers southern stem canker resistance in soybean and SNP marker development. <i>BMC Genomics</i> , 2019 , 20, 798	4.5	5
32	Morphological and molecular characterization of <i>Diaporthe</i> (anamorph <i>Phomopsis</i>) complex and pathogenicity of <i>Diaporthe aspalathi</i> isolates causing stem canker in soybean. <i>European Journal of Plant Pathology</i> , 2018 , 151, 1009-1025	2.1	3
31	First Report of <i>Aphelenchoides besseyi</i> Infecting the Aerial Part of Cotton Plants in Brazil. <i>Plant Disease</i> , 2018 , 102, 2662-2662	1.5	4
30	New insights into <i>Phakopsora pachyrhizi</i> infection based on transcriptome analysis in planta. <i>Genetics and Molecular Biology</i> , 2018 , 41, 671-691	2	2
29	Prediction of the in planta <i>Phakopsora pachyrhizi</i> secretome and potential effector families. <i>Molecular Plant Pathology</i> , 2017 , 18, 363-377	5.7	17
28	Genome-wide association study for resistance to the southern root-knot nematode (<i>Meloidogyne incognita</i>) in soybean. <i>Molecular Breeding</i> , 2017 , 37, 1	3.4	14
27	Soybean green stem and foliar retention syndrome caused by <i>Aphelenchoides besseyi</i> . <i>Tropical Plant Pathology</i> , 2017 , 42, 403-409	2.5	18
26	Characterization of Molecular and Physiological Responses Under Water Deficit of Genetically Modified Soybean Plants Overexpressing the AtAREB1 Transcription Factor. <i>Plant Molecular Biology Reporter</i> , 2016 , 34, 410-426	1.7	16
25	Evaluation of genetic variation among Brazilian soybean cultivars through genome resequencing. <i>BMC Genomics</i> , 2016 , 17, 110	4.5	32
24	Plant Small Heat Shock Proteins and Its Interactions with Biotic Stress. <i>Heat Shock Proteins</i> , 2016 , 19-39	0.2	5

23	A high efficient protocol for soybean root transformation by <i>Agrobacterium rhizogenes</i> and most stable reference genes for RT-qPCR analysis. <i>Plant Cell Reports</i> , 2015 , 34, 1987-2000	5.1	12
22	Differential expression of four soybean bZIP genes during <i>Phakopsora pachyrhizi</i> infection. <i>Functional and Integrative Genomics</i> , 2015 , 15, 685-96	3.8	17
21	Potential fate of ingested <i>Lactobacillus plantarum</i> and its occurrence in human feces. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 1013-9	4.8	16
20	Genomic and transcriptomic characterization of the transcription factor family R2R3-MYB in soybean and its involvement in the resistance responses to <i>Phakopsora pachyrhizi</i> . <i>Plant Science</i> , 2014 , 229, 32-42	5.3	18
19	Positive and negative roles for soybean MPK6 in regulating defense responses. <i>Molecular Plant-Microbe Interactions</i> , 2014 , 27, 824-34	3.6	32
18	Genome-wide annotation of the soybean WRKY family and functional characterization of genes involved in response to <i>Phakopsora pachyrhizi</i> infection. <i>BMC Plant Biology</i> , 2014 , 14, 236	5.3	53
17	Phenotyping soybean plants transformed with rd29A:AtDREB1A for drought tolerance in the greenhouse and field. <i>Transgenic Research</i> , 2014 , 23, 75-87	3.3	65
16	Proteomic Analysis of Soybean Leaves in a Compatible and an Incompatible Interaction with <i>Phakopsora Pachyrhizi</i> 2014 , 1,		3
15	Overexpression of the ABA-Dependent AREB1 Transcription Factor from <i>Arabidopsis thaliana</i> Improves Soybean Tolerance to Water Deficit. <i>Plant Molecular Biology Reporter</i> , 2013 , 31, 719-730	1.7	46
14	Genome-wide analysis of the Hsp20 gene family in soybean: comprehensive sequence, genomic organization and expression profile analysis under abiotic and biotic stresses. <i>BMC Genomics</i> , 2013 , 14, 577	4.5	84
13	The Lesion Simulating Disease (LSD) gene family as a variable in soybean response to <i>Phakopsora pachyrhizi</i> infection and dehydration. <i>Functional and Integrative Genomics</i> , 2013 , 13, 323-38	3.8	7
12	Transcriptional analysis of genes involved in nodulation in soybean roots inoculated with <i>Bradyrhizobium japonicum</i> strain CPAC 15. <i>BMC Genomics</i> , 2013 , 14, 153	4.5	19
11	Fast induction of biosynthetic polysaccharide genes lpxA, lpxE, and rkpI of <i>Rhizobium</i> sp. strain PRF 81 by common bean seed exudates is indicative of a key role in symbiosis. <i>Functional and Integrative Genomics</i> , 2013 , 13, 275-83	3.8	6
10	Introduction of the rd29A:AtDREB2A CA gene into soybean (<i>Glycine max</i> L. Merrill) and its molecular characterization in leaves and roots during dehydration. <i>Genetics and Molecular Biology</i> , 2013 , 36, 556-65	2	26
9	Caracterizaço Estrutural e Transcriço de Fatores de Transcriço da Famlia R2R3-MYB no Genoma de <i>Glycine max</i> . <i>BBR - Biochemistry and Biotechnology Reports</i> , 2013 , 2, 114		
8	First report of <i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i> on soybean in Brazil. <i>Tropical Plant Pathology</i> , 2013 , 38, 452-454	2.5	18
7	Expression patterns of GmAP2/EREB-like transcription factors involved in soybean responses to water deficit. <i>PLoS ONE</i> , 2013 , 8, e62294	3.7	24
6	Natural antisense transcripts in plants: a review and identification in soybean infected with <i>Phakopsora pachyrhizi</i> SuperSAGE library. <i>Scientific World Journal, The</i> , 2013 , 2013, 219798	2.2	9

5	Enzimas marcadoras de indução de resistência diferencialmente reguladas em soja resistente e suscetível à ferrugem-asiática-da-soja. <i>Pesquisa Agropecuaria Brasileira</i> , 2012 , 47, 163-172	1.8	6
4	Overall picture of expressed Heat Shock Factors in <i>Glycine max</i> , <i>Lotus japonicus</i> and <i>Medicago truncatula</i> . <i>Genetics and Molecular Biology</i> , 2012 , 35, 247-59	2	21
3	Identification of reference genes for expression analysis by real-time quantitative PCR in drought-stressed soybean. <i>Pesquisa Agropecuaria Brasileira</i> , 2011 , 46, 58-65	1.8	25
2	Identification of novel soybean microRNAs involved in abiotic and biotic stresses. <i>BMC Genomics</i> , 2011 , 12, 307	4.5	261
1	The use of microRNAs as reference genes for quantitative polymerase chain reaction in soybean. <i>Analytical Biochemistry</i> , 2010 , 406, 185-92	3.1	116