

Ana Cristina Miranda Brasileiro

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.

51 papers	1,698 citations	24 h-index	40 g-index
55 ext. papers	1,944 ext. citations	3.6 avg, IF	3.93 L-index

#	Paper	IF	Citations
51	Overexpression of DUF538 from Wild Arachis Enhances Plant Resistance to Meloidogyne spp.. <i>Agronomy</i> , 2021 , 11, 559	3.6	1
50	Defining the combined stress response in wild Arachis. <i>Scientific Reports</i> , 2021 , 11, 11097	4.9	3
49	Ectopic expression of an expansin-like B gene from wild Arachis enhances tolerance to both abiotic and biotic stresses. <i>Plant Journal</i> , 2021 , 107, 1681-1696	6.9	1
48	Proteomics unravels new candidate genes for Meloidogyne resistance in wild Arachis. <i>Journal of Proteomics</i> , 2020 , 217, 103690	3.9	6
47	Evolutionarily conserved plant genes responsive to root-knot nematodes identified by comparative genomics. <i>Molecular Genetics and Genomics</i> , 2020 , 295, 1063-1078	3.1	4
46	Characterization of raffinose metabolism genes uncovers a wild Arachis galactinol synthase conferring tolerance to abiotic stresses. <i>Scientific Reports</i> , 2020 , 10, 15258	4.9	9
45	Comparative Genomics Reveals Novel Target Genes towards Specific Control of Plant-Parasitic Nematodes. <i>Genes</i> , 2020 , 11,	4.2	9
44	Presence of resveratrol in wild Arachis species adds new value to this overlooked genetic resource. <i>Scientific Reports</i> , 2020 , 10, 12787	4.9	1
43	Contrasting Effects of Wild Dehydrin Under Abiotic and Biotic Stresses. <i>Frontiers in Plant Science</i> , 2019 , 10, 497	6.2	12
42	Overexpression of Wild Arachis Lipocalin Enhances Root-Knot Nematode Resistance in Peanut Hairy Roots. <i>Plant Molecular Biology Reporter</i> , 2019 , 37, 74-86	1.7	3
41	Evidences that polyploidization and hybridization affected resveratrol content in Arachis interspecific hybrids. <i>Journal of Plant Breeding and Crop Science</i> , 2019 , 11, 265-270	0.7	1
40	Crown gall caused by Agrobacterium tumefaciens species complex: a novel nursery disease of Tectona grandis in Brazil. <i>Journal of Plant Pathology</i> , 2019 , 101, 445-445	1	3
39	Comparative proteomics and gene expression analysis in Arachis duranensis reveal stress response proteins associated to drought tolerance. <i>Journal of Proteomics</i> , 2019 , 192, 299-310	3.9	17
38	Comparative root transcriptome of wild Arachis reveals NBS-LRR genes related to nematode resistance. <i>BMC Plant Biology</i> , 2018 , 18, 159	5.3	17
37	Early responses to dehydration in contrasting wild Arachis species. <i>PLoS ONE</i> , 2018 , 13, e0198191	3.7	13
36	The genome structure of (Linnaeus, 1753) and an induced allotetraploid revealed by molecular cytogenetics. <i>Comparative Cytogenetics</i> , 2018 , 12, 111-140	1	8
35	Genome-wide analysis of expansin superfamily in wild Arachis discloses a stress-responsive expansin-like B gene. <i>Plant Molecular Biology</i> , 2017 , 94, 79-96	4.6	27

34	Ex vitro hairy root induction in detached peanut leaves for plant-nematode interaction studies. <i>Plant Methods</i> , 2017 , 13, 25	5.8	19
33	Phenotypic effects of allotetraploidization of wild and their implications for peanut domestication. <i>American Journal of Botany</i> , 2017 , 104, 379-388	2.7	23
32	Coupled transcript and metabolite identification: insights on induction and synthesis of resveratrol in peanut, wild relatives and synthetic allotetraploid. <i>Genetics and Molecular Research</i> , 2017 , 16,	1.2	2
31	Transcriptome Profiling of Wild From Water-Limited Environments Uncovers Drought Tolerance Candidate Genes. <i>Plant Molecular Biology Reporter</i> , 2015 , 33, 1876-1892	1.7	45
30	Cowpea-Meloidogyne incognita interaction: Root proteomic analysis during early stages of nematode infection. <i>Proteomics</i> , 2015 , 15, 1746-59	4.8	12
29	Arachis batizocoi: a study of its relationship to cultivated peanut (A. hypogaea) and its potential for introgression of wild genes into the peanut crop using induced allotetraploids. <i>Annals of Botany</i> , 2015 , 115, 237-49	4.1	34
28	Reference Gene Selection for qPCR Analysis in Tomato-Bipartite Begomovirus Interaction and Validation in Additional Tomato-Virus Pathosystems. <i>PLoS ONE</i> , 2015 , 10, e0136820	3.7	30
27	Root Transcriptome Analysis of Wild Peanut Reveals Candidate Genes for Nematode Resistance. <i>PLoS ONE</i> , 2015 , 10, e0140937	3.7	42
26	Analysis of the leaf transcriptome of Musa acuminata during interaction with Mycosphaerella musicola: gene assembly, annotation and marker development. <i>BMC Genomics</i> , 2013 , 14, 78	4.5	34
25	A survey of genes involved in Arachis stenosperra resistance to Meloidogyne arenaria race 1. <i>Functional Plant Biology</i> , 2013 , 40, 1298-1309	2.7	24
24	The effect of tetraploidization of wild Arachis on leaf morphology and other drought-related traits. <i>Environmental and Experimental Botany</i> , 2012 , 84, 17-24	5.9	40
23	Global transcriptome analysis of two wild relatives of peanut under drought and fungi infection. <i>BMC Genomics</i> , 2012 , 13, 387	4.5	72
22	Reference genes for quantitative reverse transcription-polymerase chain reaction expression studies in wild and cultivated peanut. <i>BMC Research Notes</i> , 2011 , 4, 339	2.3	48
21	Ultrastructure of the Initial Interaction of Puccinia arachidis and Cercosporidium personatum with Leaves of Arachis hypogaea and Arachis stenosperra. <i>Journal of Phytopathology</i> , 2010 , 158, 792-796	1.8	20
20	A Study of Gene Expression in the Nematode Resistant Wild Peanut Relative, Arachis stenosperra, in Response to Challenge with Meloidogyne arenaria. <i>Tropical Plant Biology</i> , 2010 , 3, 183-192	1.6	28
19	Characterization of WRKY co-regulatory networks in rice and Arabidopsis. <i>BMC Plant Biology</i> , 2009 , 9, 120	5.3	112
18	Identification of drought-responsive genes in roots of upland rice (Oryza sativa L). <i>BMC Genomics</i> , 2008 , 9, 485	4.5	88
17	Plant-pathogen interactions: what is proteomics telling us?. <i>FEBS Journal</i> , 2008 , 275, 3731-46	5.7	109

16	Evaluation of heterologous promoters in transgenic <i>Populus tremula</i> L. plants. <i>Biologia Plantarum</i> , 2006 , 50, 15-20	2.1	5
15	Biologia molecular do processo de infecção por <i>Agrobacterium</i> spp.. <i>Tropical Plant Pathology</i> , 2003 , 28, 465-476		5
14	Positive, negative and marker-free strategies for transgenic plant selection. <i>Brazilian Journal of Plant Physiology</i> , 2002 , 14, 01-10		16
13	Biolistic transformation of <i>Eucalyptus grandis</i> x <i>E. urophylla</i> callus. <i>Functional Plant Biology</i> , 2002 , 29, 917-924	2.7	16
12	Plant regeneration from seedling explants of <i>Eucalyptus grandis</i> L. <i>Plant Cell, Tissue and Organ Culture</i> , 1999 , 56, 17-23	2.7	62
11	Transgenic beans (<i>Phaseolus vulgaris</i> L.) engineered to express viral antisense RNAs show delayed and attenuated symptoms to bean golden mosaic geminivirus. <i>Molecular Breeding</i> , 1998 , 4, 491-499	3.4	72
10	<i>Agrobacterium</i> strain specificity and shooty tumour formation in eucalypt (<i>Eucalyptus grandis</i> L. <i>urophylla</i>). <i>Plant Cell Reports</i> , 1997 , 16, 299-303	5.1	14
9	Inheritance of foreign genes in transgenic bean (<i>Phaseolus vulgaris</i> L.) co-transformed via particle bombardment. <i>Theoretical and Applied Genetics</i> , 1996 , 93, 142-50	6	118
8	Susceptibility of Common and Tepary Beans to <i>Agrobacterium</i> spp. Strains and Improvement of <i>Agrobacterium</i> -mediated Transformation Using Microprojectile Bombardment. <i>Journal of the American Society for Horticultural Science</i> , 1996 , 121, 810-815	2.3	25
7	Oncogene arrangement in a shooty strain of <i>Agrobacterium tumefaciens</i> . <i>Plant Molecular Biology</i> , 1994 , 25, 83-90	4.6	18
6	Genetic transformation: a short review of methods and their applications, results and perspectives for forest trees. <i>Annales Des Sciences Forestières</i> , 1993 , 50, 325-336		29
5	Factors influencing transient gene expression in bean (<i>Phaseolus vulgaris</i> L.) using an electrical particle acceleration device. <i>Plant Cell Reports</i> , 1993 , 12, 483-90	5.1	35
4	Transgenic poplars: expression of chimeric genes using four different constructs. <i>Plant Cell Reports</i> , 1992 , 11, 137-41	5.1	216
3	Expression of the mutant <i>Arabidopsis thaliana</i> acetolactate synthase gene confers chlorsulfuron resistance to transgenic poplar plants. <i>Transgenic Research</i> , 1992 , 1, 133-141	3.3	55
2	An alternative approach for gene transfer in trees using wild-type <i>Agrobacterium</i> strains. <i>Plant Molecular Biology</i> , 1991 , 17, 441-52	4.6	57
1	Identification of different <i>agrobacterium</i> strains isolated from the same forest nursery. <i>Applied and Environmental Microbiology</i> , 1990 , 56, 3537-45	4.8	36