MÃ¡rcio de Carvalho Moretzsohn

List of Publications by Year
in descending order

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33 papers	2,926 citations	304743 22 h-index	454955 30 g-index
35 all docs	35 docs citations	35 times ranked	2111 citing authors

#	ARTICLE	IF	CITATIONS
1	Spontaneous generation of diversity in Arachis neopolyploids (Arachis ipaÃ«nsis Ã— Arachis) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	4
2	Legacy genetics of Arachis cardenasii in the peanut crop shows the profound benefits of international seed exchange. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18
3	IntrogressÃ£o assistida por marcadores de genes de resistÃªncia Ãs cercosporioses em linhagens de amendoim. South American Sciences, 2021, 2, e21149.	0.0	0
4	Presence of resveratrol in wild Arachis species adds new value to this overlooked genetic resource. Scientific Reports, 2020, 10, 12787.	3.3	5
5	Broadening the Variability for Peanut Breeding with a Wild Species-Derived Induced Allotetraploid. Agronomy, 2020, 10, 1917.	3.0	7
6	Brazilian Kayabi Indian accessions of peanut, Arachis hypogaea (Fabales, Fabaceae): origin, diversity and evolution. Genetics and Molecular Biology, 2020, 43, e20190418.	1.3	1
7	ResistÃªncia mÃºltipla a doenÃ§as foliares e potencial agronÃ´mico de famÃlias RC3F2 descendentes de Arachis hypogaea x (A. magnaxA.stenosperma)4x. South American Sciences, 2020, 1, e2061.	0.0	0
8	Uso de espÃ©cies silvestres como fontes de resistÃªncias Ãs cercosporioses no amendoim. South American Sciences, 2020, 1, e2025.	0.0	0
9	The genome sequence of segmental allotetraploid peanut Arachis hypogaea. Nature Genetics, 2019, 51, 877-884.	21.4	439
10	BRS 425: the first runner peanut cultivar related to wild ancestral species. Crop Breeding and Applied Biotechnology, 2019, 19, 373-377.	0.4	4
11	Segmental allopolyploidy in action: Increasing diversity through polyploid hybridization and homoeologous recombination. American Journal of Botany, 2018, 105, 1053-1066.	1.7	42
12	Phenotypic effects of allotetraploidization of wild Arachis and their implications for peanut domestication. American Journal of Botany, 2017, 104, 379-388.	1.7	34
13	The genome sequences of Arachis duranensis and Arachis ipaensis, the diploid ancestors of cultivated peanut. Nature Genetics, 2016, 48, 438-446.	21.4	761
14	Genetic Mapping of Resistance toMeloidogyne arenariainArachis stenosperma: A New Source of Nematode Resistance for Peanut. G3: Genes, Genomes, Genetics, 2016, 6, 377-390.	1.8	46
15	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. Annals of Botany, 2015, 115, 237-249.	2.9	51
16	Tetrasomic Recombination Is Surprisingly Frequent in Allotetraploid Arachis. Genetics, 2015, 199, 1093-1105.	2.9	52
17	Identification of QTLs for Rust Resistance in the Peanut Wild Species Arachis magna and the Development of KASP Markers for Marker-Assisted Selection. G3: Genes, Genomes, Genetics, 2015, 5, 1403-1413.	1.8	57
18	Yield, market quality, and leaf spots partial resistance of interspecific peanut progenies. Crop Breeding and Applied Biotechnology, 2015, 15, 175-180.	0.4	7

#	Article	IF	Citations
19	The Use of SNP Markers for Linkage Mapping in Diploid and Tetraploid Peanuts. G3: Genes, Genomes, Genetics, 2014, 4, 89-96.	1.8	67
20	A study of the relationships of cultivated peanut (Arachis hypogaea) and its most closely related wild species using intron sequences and microsatellite markers. Annals of Botany, 2013, 111, 113-126.	2.9	166
21	Integrated Consensus Map of Cultivated Peanut and Wild Relatives Reveals Structures of the A and B Genomes of Arachis and Divergence of the Legume Genomes. DNA Research, 2013, 20, 173-184.	3.4	113
22	Global transcriptome analysis of two wild relatives of peanut under drought and fungi infection. BMC Genomics, 2012, 13, 387.	2.8	83
23	Fostered and left behind alleles in peanut: interspecific QTL mapping reveals footprints of domestication and useful natural variation for breeding. BMC Plant Biology, 2012, 12, 26.	3.6	114
24	An International Reference Consensus Genetic Map with 897 Marker Loci Based on 11 Mapping Populations for Tetraploid Groundnut (Arachis hypogaea L.). PLoS ONE, 2012, 7, e41213.	2.5	89
25	An overview of peanut and its wild relatives. Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 134-149.	0.8	116
26	Phylogenetic relationships in genus Arachis based on ITS and 5.8S rDNA sequences. BMC Plant Biology, 2010, 10, 255.	3.6	51
27	An analysis of synteny of Arachis with Lotus and Medicago sheds new light on the structure, stability and evolution of legume genomes.. BMC Genomics, 2009, 10, 45.	2.8	125
28	A linkage map for the B-genome of Arachis (Fabaceae) and its synteny to the A-genome. BMC Plant Biology, 2009, 9, 40.	3.6	97
29	Identification of candidate genome regions controlling disease resistance in Arachis. BMC Plant Biology, 2009, 9, 112.	3.6	118
30	Genetic relationships among Arachis hypogaea L. (AABB) and diploid Arachis species with AA and BB genomes. Genetic Resources and Crop Evolution, 2008, 55, 15-20.	1.6	19
31	Legume Anchor Markers Link Syntenic Regions Between Phaseolus vulgaris, Lotus japonicus, Medicago truncatula and Arachis. Genetics, 2008, 179, 2299-2312.	2.9	85
32	ESTs from a wild Arachis species for gene discovery and marker development. BMC Plant Biology, 2007, 7, 7.	3.6	112
33	New softwares for automated microsatellite marker development. Nucleic Acids Research, 2006, 34, e31-e31.	14.5	43