

Claudete A Mangolin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Soybean (<i>Glycine max</i>) Root Lignification Induced by Ferulic Acid. The Possible Mode of Action. <i>Journal of Chemical Ecology</i> , 2008, 34, 1230-1241.	1.8	102
2	Molecular mapping in tropical maize (<i>Zea mays</i> L.) using microsatellite markers. 2. Quantitative trait loci (QTL) for grain yield, plant height, ear height and grain moisture. <i>Hereditas</i> , 2004, 139, 107-115.	1.4	77
3	Genetic diversity in tropical maize inbred lines: heterotic group assignment and hybrid performance determined by RFLP markers. <i>Plant Breeding</i> , 2000, 119, 491-496.	1.9	70
4	Efficiency of RAPD versus SSR markers for determining genetic diversity among popcorn lines. <i>Genetics and Molecular Research</i> , 2010, 9, 9-18.	0.2	56
5	Mapping QTLs for kernel oil content in a tropical maize population. <i>Euphytica</i> , 2004, 137, 251-259.	1.2	43
6	Molecular mapping in tropical maize (<i>Zea mays</i> L.) using microsatellite markers. 1. Map construction and localization of loci showing distorted segregation. <i>Hereditas</i> , 2004, 139, 96-106.	1.4	37
7	Genome wide association study for gray leaf spot resistance in tropical maize core. <i>PLoS ONE</i> , 2018, 13, e0199539.	2.5	27
8	Isozyme patterns in callus cultures and in plants regenerated from calli of <i>Cereus peruvianus</i> (Cactaceae). <i>Biochemical Genetics</i> , 1994, 32, 237-247.	1.7	22
9	In silico analysis of the 16S rRNA gene of endophytic bacteria, isolated from the aerial parts and seeds of important agricultural crops. <i>Genetics and Molecular Research</i> , 2015, 14, 9703-9721.	0.2	22
10	<i>Conyza sumatrensis</i> : A new weed species resistant to glyphosate in the Americas. <i>Weed Biology and Management</i> , 2014, 14, 106-114.	1.4	21
11	Lipid profile and antiproliferative activity of callus cultures of <i>Cereus peruvianus</i> Mill. <i>Industrial Crops and Products</i> , 2015, 69, 408-414.	5.2	19
12	Population structure and genetic diversity of Brazilian popcorn germplasm inferred by microsatellite markers. <i>Electronic Journal of Biotechnology</i> , 2015, 18, 181-187.	2.2	19
13	Malate dehydrogenase (MDH; EC 1.1.1.37) isozymes in tissues and callus cultures of <i>Cereus peruvianus</i> (Cactaceae). <i>Biochemical Genetics</i> , 1993, 31, 167-172.	1.7	18
14	Isozyme variability in plants regenerated from calli of <i>Cereus peruvianus</i> (Cactaceae). <i>Biochemical Genetics</i> , 1997, 35, 189-204.	1.7	18
15	Malate dehydrogenase isozymes (MDH; EC 1.1.1.37) in long-term callus culture of <i>Cereus peruvianus</i> (Cactaceae) exposed to sugar and temperature stress. <i>Biochemical Genetics</i> , 1997, 35, 155-164.	1.7	17
16	Potential use of major royal jelly proteins (MRJPs) as molecular markers for royal jelly production in Africanized honeybee colonies. <i>Apidologie</i> , 2010, 41, 160-168.	2.0	17
17	RAPD markers to evaluate callus tissue of <i>Cereus peruvianus</i> Mill. (Cactaceae) maintained in different growth regulator combinations. <i>Biochemical Genetics</i> , 2002, 40, 351-358.	1.7	16
18	Genetic diversity associated with in vitro and conventional bud propagation of <i>Saccharum</i> varieties using RAPD analysis. <i>Plant Breeding</i> , 2008, 127, 160-165.	1.9	16

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19	Esterase Polymorphism for Analysis of Genetic Diversity and Structure of Wild Poinsettia (<i>Euphorbia</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	16
20	Genetic diversity in somatic mutants of grape (<i>Vitis vinifera</i>) cultivar Italia based on random amplified polymorphic DNA. <i>Genetics and Molecular Research</i> , 2009, 8, 28-38.	0.2	16
21	Suplementos orgÃ¡nicos para el cultivo in vitro del hÃbrido <i>Laeliocattleya</i> (<i>Orchidaceae</i>). <i>Idesia</i> , 2016, 34, 47-54.	0.3	14
22	Genetic diversity assessed by microsatellite markers in sweet corn cultivars. <i>Scientia Agricola</i> , 2015, 72, 513-519.	1.2	13
23	Esterase Polymorphism and the Analysis of Genetic Diversity and Structure in Cactus Populations Descended from <i>Cereus peruvianus</i> Plants Regenerated In Vitro. <i>Biochemical Genetics</i> , 2011, 49, 270-282.	1.7	12
24	Diallel analysis of maize inbred lines for grain yield, oil and protein content. <i>Crop Breeding and Applied Biotechnology</i> , 2014, 14, 23-28.	0.4	12
25	Two-dimensional electrophoresis of <i>Cereus peruvianus</i> (<i>Cactaceae</i>) callus tissue proteins. <i>Electrophoresis</i> , 1999, 20, 626-629.	2.4	11
26	CaracterizaÃ§Ã£o genÃ©tica de <i>Brycon orbignyanus</i> utilizando o sistema seminatural. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2010, 62, 184-191.	0.4	11
27	Evidence of High Gene Flow Between Samples of Horseweed (<i>Conyza canadensis</i>) and Hairy Fleabane (<i>Conyza bonariensis</i>) as Revealed by Isozyme Polymorphisms. <i>Weed Science</i> , 2015, 63, 604-612.	1.5	11
28	Genetic diversity and structure of populations in <i>Pilosocereus gounellei</i> (F.A.C.Weber ex K.Schum.) (<i>Cactaceae</i>) in the Caatinga biome as revealed by heterologous microsatellite primers. <i>Biochemical Systematics and Ecology</i> , 2015, 58, 7-12.	1.3	11
29	Alcohol dehydrogenase (EC 1.1.1.1) isozymes as markers at 2,4-dichlorophenoxyacetic acid $\frac{1}{2}$ kinetin combinations in callus cultures of <i>Cereus peruvianus</i> (<i>Cactaceae</i>). <i>Biochemical Genetics</i> , 1994, 32, 191-200.	1.7	10
30	Microsatellite analysis of the parental contribution of <i>Piaractus mesopotamicus</i> to the production of offspring in the semi-natural system of reproduction. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 389-396.	0.5	10
31	Genetic relationships among accessions of mandacaru (<i>Cereus</i> spp.: <i>Cactaceae</i>) using amplified fragment length polymorphisms (AFLP). <i>Biochemical Systematics and Ecology</i> , 2013, 48, 12-19.	1.3	10
32	Genetic structure and molecular divergence among samples of mandacaru (<i>Cereus</i> spp.; <i>Cactaceae</i>) as revealed by microsatellite markers. <i>Biochemical Systematics and Ecology</i> , 2016, 64, 38-45.	1.3	10
33	<i>Cereus hildmannianus</i> (K.) Schum. (<i>Cactaceae</i>): Ethnomedical uses, phytochemistry and biological activities. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113339.	4.1	10
34	A Collection of Popcorn as a Reservoir of Genes for the Generation of Lineages. <i>Molecular Biotechnology</i> , 2013, 53, 300-307.	2.4	9
35	Genetic and chemical diversity in seeds of cactus mandacaru (<i>Cereus</i> sp.) from two edaphoclimatic regions contrasting. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 765-776.	0.8	9
36	Primary Characterization and Evaluation of Anti Ulcerogenic Activity of an Aqueous Extract from Callus Culture of <i>Cereus peruvianus</i> Mill. (<i>Cactaceae</i>). <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 462-467.	1.6	9

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37	Seed germination of the <i>Cereus peruvianus</i> Mill. (Cactaceae) somaclones follows a relatively simple protocol. <i>Seed Science and Technology</i> , 2008, 36, 595-600.	1.4	8
38	Population genetics of the sugarcane borer <i>Diatraea saccharalis</i> (Fabr.) (Lepidoptera: Crambidae). <i>Acta Scientiarum - Agronomy</i> , 2014, 36, 189.	0.6	8
39	ISSR markers to assess genetic diversity of cultivated populations from artificial selection of <i>Stevia rebaudiana</i> (Bert.) Bertoni. <i>Breeding Science</i> , 2020, 70, 508-514.	1.9	8
40	Activated charcoal and graphite for the micropropagation of <i>Cattleya bicolor</i> Lindl. and a orchid double-hybrid "BLC Pastoral Innocence"™. <i>Acta Scientiarum - Agronomy</i> , 2012, 34, .	0.6	7
41	Molecular characterization of endophytes isolated from <i>Saccharum</i> spp based on esterase and ribosomal DNA (ITS1-5.8S-ITS2) analyses. <i>Genetics and Molecular Research</i> , 2013, 12, 4095-4105.	0.2	7
42	High genetic differentiation of grapevine rootstock varieties determined by molecular markers and artificial neural networks. <i>Acta Scientiarum - Agronomy</i> , 2019, 42, e43475.	0.6	7
43	Selection of high heterozygosity popcorn varieties in Brazil based on SSR markers. <i>Genetics and Molecular Research</i> , 2012, 11, 1851-1860.	0.2	6
44	Genetic divergence among sweet corn lines estimated by microsatellite markers. <i>Genetics and Molecular Research</i> , 2014, 13, 10415-10426.	0.2	6
45	Genetic structure of <i>Pilosocereus gounellei</i> (Cactaceae) as revealed by AFLP marker to guide proposals for improvement and restoration of degraded areas in Caatinga biome. <i>Genetics and Molecular Research</i> , 2015, 14, 16966-16974.	0.2	6
46	Biochemical composition of the pericarp cell wall of popcorn inbred lines with different popping expansion. <i>Current Research in Food Science</i> , 2022, 5, 102-106.	5.8	6
47	The use of esterase polymorphism for analysis of the genetic diversity and structure of stevia (<i>Stevia</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	6
48	Genetic variability in the natural populations of <i>Lasioderma serricorne</i> (F.) (Coleoptera: Anobiidae), detected by RAPD markers and by esterase isozymes. <i>Bulletin of Entomological Research</i> , 2016, 106, 47-53.	1.0	5
49	Genetic structure of phenotypic variants and somaclones of the genus <i>Cereus</i> (Cactaceae) as revealed by AFLP markers. <i>Journal of Horticultural Science and Biotechnology</i> , 2017, 92, 325-333.	1.9	5
50	Development and use of retrotransposons-based markers (IRAP/REMAP) to assess genetic divergence among table grape cultivars. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2019, 17, 272-279.	0.8	5
51	Clonal propagation of cv. Italy grapes and the generation of genetic divergence among vineyards. <i>Scientia Horticulturae</i> , 2019, 244, 263-269.	3.6	5
52	CaracterizaÃ§Ã£o genÃ©tica de amostras de <i>Conyza</i> sp. do estado do ParanÃ¡. <i>Planta Daninha</i> , 2014, 32, 173-179.	0.5	5
53	Use of differential levels of mean observed heterozygosity in microsatellite loci of commercial varieties of sugarcane (<i>Saccharum</i> spp). <i>Genetics and Molecular Research</i> , 2014, 13, 10130-10141.	0.2	5
54	Selection based on meiotic behavior in <i>Urochloa decumbens</i> hybrids from non-shattered seed. <i>Tropical Grasslands - Forrajes Tropicales</i> , 2020, 8, 133-140.	0.5	5

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55	Avaliação genética de populações naturais e de estoques de um programa de repovoamento de pacu (<i>Piaractus mesopotamicus</i>) utilizando marcadores microsatélite. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2010, 62, 954-963.	0.4	4
56	Use of complex supplements and light-differential effects for micropropagation of <i>Hadrolaelia purpurata</i> (= <i>Laelia purpurata</i>) and <i>Encyclia randii</i> orchids. Acta Scientiarum - Agronomy, 2012, 34, .	0.6	4
57	Application of microsatellite markers to evaluate the heterozygosity from the popcorn composite CMS43 (<i>Zea mays</i> L.) during eight cycles of selection. Plant Breeding, 2012, 131, 479-485.	1.9	4
58	Genetic diversity of popcorn genotypes using molecular analysis. Genetics and Molecular Research, 2015, 14, 9829-9840.	0.2	4
59	Cell wall polysaccharides from <i>in vitro</i> propagated <i>Cereus hildmannianus</i> K. Schum. plants. Natural Product Research, 2022, 36, 2424-2428.	1.8	4
60	Diversidade genética de dourado utilizado em programas de repovoamento no rio Paranapanema. Pesquisa Agropecuaria Brasileira, 2011, 46, 167-173.	0.9	4
61	Heterozygosity following half-sib recurrent selection in popcorn using isoenzyme markers. Electronic Journal of Biotechnology, 2008, 11, 0-0.	2.2	3
62	Isoenzymatic polymorphism in the leaf-cutting ant <i>Atta capiguara</i> Gonçalves (hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.2	3
63	High Polymorphism in Est-SSR Loci for Cellulose Synthase and Î²-Amylase of Sugarcane Varieties (<i>Saccharum</i> spp.) Used by the Industrial Sector for Ethanol Production. Applied Biochemistry and Biotechnology, 2015, 175, 965-973.	2.9	3
64	Development of retrotransposon-based markers IRAP and REMAP for cassava (<i>Manihot esculenta</i>). Genetics and Molecular Research, 2016, 15, .	0.2	3
65	Proteomic analysis of axillary buds of sugarcane at different cutting stages: evidence for alterations in axillary bud gene expression. Crop and Pasture Science, 2019, 70, 622.	1.5	3
66	Effect of 5-Aminouracil on Callus Tissue Growth and Mdh Genes Expression in <i>Cereus peruvianus</i> (Cactaceae).. Cytologia, 1997, 62, 283-289.	0.6	2
67	Isozyme extraction from shoot tissue of <i>Cereus peruvianus</i> (Cactaceae) for electrophoretic analysis. Biochemical Genetics, 1997, 35, 205-210.	1.7	2
68	IN VITRO CELL AND TISSUE CULTURE OF THE <i>CEREUS PERUVIANUS</i> MILL. (CACTACEAE) FOR THE CONSERVATION AND MANAGEMENT OF BIODIVERSITY: CURRENT STATUS. Acta Horticulturae, 2009, , 249-254.	0.2	2
69	Matrilineage differentiation of the genus <i>Tetragonisca</i> using mitochondrial DNA markers and the polymerase chain reaction-restriction fragment length polymorphism technique. Genetics and Molecular Research, 2015, 14, 12828-12840.	0.2	2
70	Genetic variability among elite popcorn lines based on molecular and morphoagronomic characteristics. Genetics and Molecular Research, 2017, 16, .	0.2	2
71	Esterase polymorphisms for analysis of genetic diversity and structure of soybean (<i>Glycine max</i>) cultivars. Genetics and Molecular Research, 2011, 10, 2472-2481.	0.2	1
72	Genetic diversity analysis of <i>Capsicum</i> spp germplasm bank accessions based on Î±/Î²-esterase polymorphism. Genetics and Molecular Research, 2013, 12, 1155-1167.	0.2	1

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73	Seleção de primers para análise de inter simple sequence repeats na cultivar 'Italia'™ de <i>Vitis vinifera</i> L. <i>Ciencia E Tecnica Vitivinicola</i> , 2014, 29, 81-87.	0.9	1
74	Changes on microsatellites of expressed sequence tag of sugarcane (<i>Saccharum</i> spp) during vegetative propagation. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.2	1
75	Extraction of Total Protein from Axillary Buds of Sugarcane (<i>Saccharum</i> spp.) for Proteomic Analysis. <i>Sugar Tech</i> , 2018, 20, 95-99.	1.8	1
76	Genetic variability of wild poinsettia populations in Brazilian agroecosystems. <i>Cogent Food and Agriculture</i> , 2018, 4, 1551749.	1.4	1
77	Differential genetic stability in vineyards of the cultivar 'Italia'™ (<i>Vitis vinifera</i> L.) cultivated in different regions of Southern and Southwestern Brazil. <i>Ciencia E Tecnica Vitivinicola</i> , 2018, 33, 66-77.	0.9	1
78	Esterase polymorphism for genetic diversity analysis of some accessions of a native forage grass, <i>Mesosetum chaseae</i> Luces, from the Brazilian Pantanal. <i>Tropical Grasslands - Forrajes Tropicales</i> , 2015, 3, 194.	0.5	1
79	Genetic diversity of breeding popcorn lines determined by SSR markers. <i>Electronic Journal of Biotechnology</i> , 2010, 13, .	2.2	0
80	Genetic divergence and admixture of ancestral genome groups in the sugarcane variety 'RB867515'™ (<i>Saccharum</i> spp). <i>Genetics and Molecular Research</i> , 2016, 15, .	0.2	0
81	Prospecção biotecnológica de bactérias endofíticas associadas a cactáceas. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2021, 12, 567-579.	0.1	0