Anete Pereira Souza

List of Publications by Citations

289 papers	5,755 citations	38 h-index	64 g-index
330 ext. papers	6,988 ext. citations	3.5 avg, IF	5.34 L-index

#	Paper	IF	Citations
289	The genome sequence of the plant pathogen Xylella fastidiosa. The Xylella fastidiosa Consortium of the Organization for Nucleotide Sequencing and Analysis. *Nature*, **2000**, 406, 151-9	50.4	701
288	OneMap: software for genetic mapping in outcrossing species. *Hereditas*, **2007**, 144, 78-9	2.4	220
287	Analysis of genetic similarity detected by AFLP and coefficient of parentage among genotypes of sugar cane (Saccharum spp.). *Theoretical and Applied Genetics*, **2002**, 104, 30-8	6	129
286	Comparison of RAPD, RFLP, AFLP and SSR markers for diversity studies in tropical maize inbred lines. *Genetics and Molecular Biology*, **2004**, 27, 579-588	2	125
285	Survey in the sugarcane expressed sequence tag database (SUCEST) for simple sequence repeats. *Genome*, **2004**, 47, 795-804	2.4	100
284	De novo assembly and transcriptome analysis of contrasting sugarcane varieties. *PLoS ONE*, **2014**, 9, e88462	3.7	95
283	Genetic distance of inbred lines and prediction of maize single-cross performance using RAPD markers. *Theoretical and Applied Genetics*, **1997**, 94, 1023-1030	6	94
282	SNP genotyping allows an in-depth characterisation of the genome of sugarcane and other complex autopolyploids. *Scientific Reports*, **2013**, 3, 3399	4.9	88
281	Development of an integrated genetic map of a sugarcane (Saccharum spp.) commercial cross, based on a maximum-likelihood approach for estimation of linkage and linkage phases. *Theoretical and Applied Genetics*, **2006**, 112, 298-314	6	88
280	A trans-splicing model for the expression of the tripartite nad5 gene in wheat and maize mitochondria. *Plant Cell*, **1991**, 3, 1363-78	11.6	88
279	Building the sugarcane genome for biotechnology and identifying evolutionary trends. *BMC Genomics*, **2014**, 15, 540	4.5	87
278	Comparison of similarity coefficients used for cluster analysis with dominant markers in maize (Zea mays L). *Genetics and Molecular Biology*, **2004**, 27, 83-91	2	80
277	Development of microsatellite markers for Pinus maximinoiderived from microsatellite-enriched libraries. *BMC Proceedings*, **2011**, 5,	2.3	78
276	Development, characterization, and comparative analysis of polymorphism at common bean SSR loci isolated from genic and genomic sources. *Genome*, **2007**, 50, 266-77	2.4	76
275	Characterization of new polymorphic functional markers for sugarcane. *Genome*, **2009**, 52, 191-209	2.4	75
274	Characterization of novel sugarcane expressed sequence tag microsatellites and their comparison with genomic SSRs. *Plant Breeding*, **2006**, 125, 378-384	2.4	74
273	InP Nanowire Biosensor with Tailored Biofunctionalization: Ultrasensitive and Highly Selective Disease Biomarker Detection. *Nano Letters*, **2017**, 17, 5938-5949	11.5	73

272	Mapping QTL for Grain Yield and Plant Traits in a Tropical Maize Population. *Molecular Breeding*, **2006**, 17, 227-239	3.4	72
271	New hydrocarbon degradation pathways in the microbial metagenome from Brazilian petroleum reservoirs. *PLoS ONE*, **2014**, 9, e90087	3.7	69
270	Functional integrated genetic linkage map based on EST-markers for a sugarcane (Saccharum spp.) commercial cross. *Molecular Breeding*, **2007**, 20, 189-208	3.4	67
269	Molecular mapping in tropical maize (Zea mays L.) using microsatellite markers. 2. Quantitative trait loci (QTL) for grain yield, plant height, ear height and grain moisture. *Hereditas*, **2003**, 139, 107-15	2.4	67
268	De novo assembly and transcriptome analysis of the rubber tree (Hevea brasiliensis) and SNP markers development for rubber biosynthesis pathways. *PLoS ONE*, **2014**, 9, e102665	3.7	67
267	GBS-based single dosage markers for linkage and QTL mapping allow gene mining for yield-related traits in sugarcane. *BMC Genomics*, **2017**, 18, 72	4.5	64
266	A mixed model QTL analysis for sugarcane multiple-harvest-location trial data. *Theoretical and Applied Genetics*, **2012**, 124, 835-49	6	60
265	The Biotechnology Roadmap for Sugarcane Improvement. *Tropical Plant Biology*, **2010**, 3, 75-87	1.6	56
264	Tropical maize germplasm: what can we say about its genetic diversity in the light of molecular markers?. *Theoretical and Applied Genetics*, **2005**, 111, 1288-99	6	55
263	Genetic diversity in tropical maize inbred lines: heterotic group assignment and hybrid performance determined by RFLP markers. *Plant Breeding*, **2000**, 119, 491-496	2.4	55
262	Structure of genetic diversity among common bean (Phaseolus vulgaris L.) varieties of Mesoamerican and Andean origins using new developed microsatellite markers. *Genetic Resources and Crop Evolution*, **2007**, 54, 1747-1762	2	50
261	Mapping of a chromosome 15 region involved in limb girdle muscular dystrophy. *Human Molecular Genetics*, **1994**, 3, 285-93	5.6	50
260	Genetic breeding and diversity of the genus Passiflora: progress and perspectives in molecular and genetic studies. *International Journal of Molecular Sciences*, **2014**, 15, 14122-52	6.3	49
259	Relationship of intra- and interpopulation tropical maize single cross hybrid performance and genetic distances computed from AFLP and SSR markers. *Euphytica*, **2003**, 130, 87-99	2.1	49
258	Two genes control aluminum tolerance in maize: Genetic and molecular mapping analyses. *Genome*, **1999**, 42, 475-482	2.4	49
257	QTL mapping of growth-related traits in a full-sib family of rubber tree (Hevea brasiliensis) evaluated in a sub-tropical climate. *PLoS ONE*, **2013**, 8, e61238	3.7	47
256	Expression of Xylella fastidiosa fimbrial and afimbrial proteins during biofilm formation. *Applied and Environmental Microbiology*, **2010**, 76, 4250-9	4.8	47
255	Functional markers for gene mapping and genetic diversity studies in sugarcane. *BMC Research Notes*, **2011**, 4, 264	2.3	43

254	Analysis of genomic and functional RFLP derived markers associated with sucrose content, fiber and yield QTLs in a sugarcane (Saccharum spp.) commercial cross. *Euphytica*, **2010**, 172, 313-327	2.1	42
253	QTL mapping for yield components in a tropical maize population using microsatellite markers. *Hereditas*, **2008**, 145, 194-203	2.4	42
252	Multiple-geographic-scale genetic structure of two mangrove tree species: the roles of mating system, hybridization, limited dispersal and extrinsic factors. *PLoS ONE*, **2015**, 10, e0118710	3.7	39
251	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2009-31 January 2010. *Molecular Ecology Resources*, **2010**, 10, 576-9	8.4	37
250	Mapping QTLs for kernel oil content in a tropical maize population. *Euphytica*, **2004**, 137, 251-259	2.1	35
249	Genetic diversity of Giardia duodenalis: multilocus genotyping reveals zoonotic potential between clinical and environmental sources in a metropolitan region of Brazil. *PLoS ONE*, **2014**, 9, e115489	3.7	35
248	A genome-wide association study identified loci for yield component traits in sugarcane (Saccharum spp.). *PLoS ONE*, **2019**, 14, e0219843	3.7	34
247	Genetic variation in polyploid forage grass: assessing the molecular genetic variability in the Paspalum genus. *BMC Genetics*, **2013**, 14, 50	2.6	33
246	Genetic diversity and population structure analysis of the tropical pasture grass Brachiaria humidicola based on microsatellites, cytogenetics, morphological traits, and geographical origin. *Genome*, **2010**, 53, 698-709	2.4	32
245	Microsatellites from rubber tree (Hevea brasiliensis) for genetic diversity analysis and cross-amplification in six Hevea wild species. *Conservation Genetics Resources*, **2009**, 1, 75-79	0.8	30
244	Somaclonal-variation-induced aluminum-sensitive mutant from an aluminum-inbred maize tolerant line. *Plant Cell Reports*, **1997**, 16, 686-691	5.1	30
243	Microsatellite-assisted backcross selection in maize. *Genetics and Molecular Biology*, **2005**, 28, 789-797	2	30
242	A novel linkage map of sugarcane with evidence for clustering of retrotransposon-based markers. *BMC Genetics*, **2012**, 13, 51	2.6	29
241	Inheritance of growth habit detected by genetic linkage analysis using microsatellites in the common bean (Phaseolus vulgaris L.). *Molecular Breeding*, **2011**, 27, 549-560	3.4	29
240	Isolation and characterization of microsatellite loci in Pitcairnia albiflos (Bromeliaceae), an endemic bromeliad from the Atlantic Rainforest, and cross-amplification in other species. *Molecular Ecology Resources*, **2008**, 8, 980-2	8.4	29
239	Molecular mapping in tropical maize (Zea mays L.) using microsatellite markers. 1. Map construction and localization of loci showing distorted segregation. *Hereditas*, **2003**, 139, 96-106	2.4	28
238	Carbohydrate-active enzymes in Trichoderma harzianum: a bioinformatic analysis bioprospecting for key enzymes for the biofuels industry. *BMC Genomics*, **2017**, 18, 779	4.5	26
237	Genetic-diversity assessed by microsatellites in tropical maize populations submitted to a high-intensity reciprocal recurrent selection. *Euphytica*, **2003**, 134, 277-286	2.1	25

236	An engineered GH1 β-glucosidase displays enhanced glucose tolerance and increased sugar release from lignocellulosic materials. *Scientific Reports*, **2019**, 9, 4903	4.9	24
235	Crystal structure and biochemical characterization of the recombinant ThBgl, a GH1 β-glucosidase overexpressed in Trichoderma harzianum under biomass degradation conditions. *Biotechnology for Biofuels*, **2016**, 9, 71	7.8	24
234	Production of a recombinant swollenin from Trichoderma harzianum in Escherichia coli and its potential synergistic role in biomass degradation. *Microbial Cell Factories*, **2017**, 16, 83	6.4	24
233	Transcriptome profile of Trichoderma harzianum IOC-3844 induced by sugarcane bagasse. *PLoS ONE*, **2014**, 9, e88689	3.7	24
232	Permanent genetic resources added to Molecular Ecology Resources Database 1 February 2011-31 March 2011. *Molecular Ecology Resources*, **2011**, 11, 757-8	8.4	23
231	Population genetic structure, introgression, and hybridization in the genus along the Brazilian coast. *Ecology and Evolution*, **2018**, 8, 3491-3504	2.8	22
230	A history of passion fruit woodiness disease with emphasis on the current situation in Brazil and prospects for Brazilian passion fruit cultivation. *European Journal of Plant Pathology*, **2014**, 139, 261-270	2.1	22
229	Development of a recombinant fusion protein based on the dynein light chain LC8 for non-viral gene delivery. *Journal of Controlled Release*, **2012**, 159, 222-31	11.7	22
228	Molecular phylogeny of the neotropical genus Christensonella (Orchidaceae, Maxillariinae): species delimitation and insights into chromosome evolution. *Annals of Botany*, **2008**, 102, 491-507	4.1	22
227	The wheat mitochondrial genome contains an ORF showing sequence homology to the gene encoding the subunit 6 of the NADH-ubiquinone oxidoreductase. *Plant Molecular Biology*, **1992**, 20, 395-404	4.6	22
226	QTL mapping including codominant SNP markers with ploidy level information in a sugarcane progeny. *Euphytica*, **2016**, 211, 1-16	2.1	21
225	Microsatellite marker development for the rubber tree (Hevea brasiliensis): characterization and cross-amplification in wild Hevea species. *BMC Research Notes*, **2012**, 5, 329	2.3	21
224	Genetic Diversity and Population Structure of the Brachiaria brizantha Germplasm. *Tropical Plant Biology*, **2011**, 4, 157-169	1.6	21
223	Detection of genetic resistance to cocoa black pod disease caused by three Phytophthora species. *Euphytica*, **2015**, 206, 677-687	2.1	20
222	Genetic diversity in cultivated carioca common beans based on molecular marker analysis. *Genetics and Molecular Biology*, **2011**, 34, 88-102	2	20
221	Composition of the Lecointea clade (Leguminosae, Papilionoideae, Swartzieae), a re-evaluation based on combined evidence from morphology and molecular data. *Taxon*, **2004**, 53, 1007-1018	0.8	20
220	RAPD Genomic Fingerprinting Differentiates Thiobacillus ferrooxidans Strains. *Systematic and Applied Microbiology*, **1996**, 19, 91-95	4.2	20
219	Network of proteins, enzymes and genes linked to biomass degradation shared by Trichoderma species. *Scientific Reports*, **2018**, 8, 1341	4.9	19

218	High-Resolution Genetic Map and QTL Analysis of Growth-Related Traits of Cultivated Under Suboptimal Temperature and Humidity Conditions. *Frontiers in Plant Science*, **2018**, 9, 1255	6.2	19
217	Genetic Diversity Strategy for the Management and Use of Rubber Genetic Resources: More than 1,000 Wild and Cultivated Accessions in a 100-Genotype Core Collection. *PLoS ONE*, **2015**, 10, e0134607	3.7	19
216	Genomic Selection in Rubber Tree Breeding: A Comparison of Models and Methods for Managing GE Interactions. *Frontiers in Plant Science*, **2019**, 10, 1353	6.2	19
215	De novo transcriptome assembly for the tropical grass Panicum maximum Jacq. *PLoS ONE*, **2013**, 8, e70781	3.7	18
214	Species distribution and introgressive hybridization of two Avicennia species from the Western Hemisphere unveiled by phylogeographic patterns. *BMC Evolutionary Biology*, **2015**, 15, 61	3	17
213	A novel protein refolding protocol for the solubilization and purification of recombinant peptidoglycan-associated lipoprotein from Xylella fastidiosa overexpressed in Escherichia coli. *Protein Expression and Purification*, **2012**, 82, 284-9	2	17
212	Development and characterization of microsatellite markers for the wild South American Passiflora cincinnata (Passifloraceae). *American Journal of Botany*, **2012**, 99, e170-2	2.7	17
211	Isolation and characterization of microsatellite loci in the Brazilian orchid Epidendrum fulgens. *Conservation Genetics*, **2008**, 9, 1661-1663	2.6	17
210	Evaluating genetic relationships between tropical maize inbred lines by means of AFLP profiling. *Hereditas*, **2004**, 140, 24-33	2.4	17
209	Genetic diversity of reintroduced tree populations in restoration plantations of the Brazilian Atlantic Forest. *Restoration Ecology*, **2018**, 26, 694-701	3.1	17
208	Functional metagenomics of oil-impacted mangrove sediments reveals high abundance of hydrolases of biotechnological interest. *World Journal of Microbiology and Biotechnology*, **2017**, 33, 141	4.4	16
207	Multi-trait multi-environment quantitative trait loci mapping for a sugarcane commercial cross provides insights on the inheritance of important traits. *Molecular Breeding*, **2015**, 35, 175	3.4	16
206	Highly-sensitive and label-free indium phosphide biosensor for early phytopathogen diagnosis. *Biosensors and Bioelectronics*, **2012**, 36, 62-8	11.8	16
205	Isolation and characterization of microsatellite loci in the black pepper, Piper nigrum L. (piperaceae). *Conservation Genetics Resources*, **2009**, 1, 209-212	0.8	16
204	Genetic analysis of forest species Eugenia uniflora L. through of newly developed SSR markers. *Conservation Genetics*, **2008**, 9, 1281-1285	2.6	16
203	Mixed Modeling of Yield Components and Brown Rust Resistance in Sugarcane Families. *Agronomy Journal*, **2016**, 108, 1824-1837	2.2	16
202	Characterization and selection of passion fruit (yellow and purple) accessions based on molecular markers and disease reactions for use in breeding programs. *Euphytica*, **2015**, 202, 345-359	2.1	15
201	Three ways to distinguish species: using behavioural, ecological, and molecular data to tell apart two closely related ants,Camponotus renggeriandCamponotus rufipes(Hymenoptera: Formicidae). *Zoological Journal of the Linnean Society*, **2016**, 176, 170-181	2.4	15

200	Characterization of microsatellite markers developed from Prosopis rubriflora and Prosopis ruscifolia (Leguminosae - Mimosoideae), legume species that are used as models for genetic diversity studies in Chaquenian areas under anthropization in South America. *BMC Research Notes*, **2014**, 7, 375	2.3	15
199	A novel and enantioselective epoxide hydrolase from Aspergillus brasiliensis CCT 1435: purification and characterization. *Protein Expression and Purification*, **2013**, 91, 175-83	2	15
198	Analysis of Three Sugarcane Homo/Homeologous Regions Suggests Independent Polyploidization Events of Saccharum officinarum and Saccharum spontaneum. *Genome Biology and Evolution*, **2017**, 9, 266-278	3.9	15
197	Microsatellites for the mangrove tree Avicennia germinans (Acanthaceae): Tools for hybridization and mating system studies. *American Journal of Botany*, **2010**, 97, e79-81	2.7	15
196	QTL mapping for reaction to Phaeosphaeria leaf spot in a tropical maize population. *Theoretical and Applied Genetics*, **2009**, 119, 1361-9	6	15
195	QTL detection for growth and latex production in a full-sib rubber tree population cultivated under suboptimal climate conditions. *BMC Plant Biology*, **2018**, 18, 223	5.3	15
194	New microsatellite markers for wild and commercial species of Passiflora (Passifloraceae) and cross-amplification. *Applications in Plant Sciences*, **2014**, 2, 1300061	2.3	14
193	Identification of oxidoreductases from the petroleum strain. *Biotechnology Reports (Amsterdam, Netherlands)*, **2015**, 8, 152-159	5.3	14
192	Mating systems in tropical forages: Stylosanthes capitata Vog. and Stylosanthes guianensis (Aubl.) Sw.. *Euphytica*, **2011**, 178, 185-193	2.1	14
191	Development of microsatellite markers for Brachiaria humidicola (Rendle) Schweick. *Conservation Genetics Resources*, **2009**, 1, 475-479	0.8	14
190	PCR-RFLP analysis of non-coding regions of cpDNA in Araucaria angustifolia (Bert.) O. Kuntze. *Genetics and Molecular Biology*, **2007**, 30, 423-427	2	14
189	Reciprocal recurrent selection effects on the genetic structure of tropical maize populations assessed at microsatellite loci. *Genetics and Molecular Biology*, **2003**, 26, 355-364	2	14
188	Gene Duplication in the Sugarcane Genome: A Case Study of Allele Interactions and Evolutionary Patterns in Two Genic Regions. *Frontiers in Plant Science*, **2019**, 10, 553	6.2	13
187	Development of single nucleotide polymorphism markers in the large and complex rubber tree genome using next-generation sequence data. *Molecular Breeding*, **2016**, 36, 1	3.4	13
186	Genetic diversity, spatial genetic structure and realised seed and pollen dispersal of Himatanthus drasticus (Apocynaceae) in the Brazilian savanna. *Conservation Genetics*, **2014**, 15, 1073-1083	2.6	13
185	Leaf-, panel- and latex-expressed sequenced tags from the rubber tree () under cold-stressed and suboptimal growing conditions: the development of gene-targeted functional markers for stress response. *Molecular Breeding*, **2014**, 34, 1035-1053	3.4	13
184	Isolation and characterization of microsatellite loci in Epidendrum puniceoluteum, an endemic orchid from the Atlantic Rainforest. *Molecular Ecology Resources*, **2008**, 8, 1114-6	8.4	13
183	Microsatellites for genetic studies and breeding programs in common bean. *Pesquisa Agropecuaria Brasileira*, **2007**, 42, 589-592	1.8	13

182	Mapping analysis of the Xylella fastidiosa genome. *Nucleic Acids Research*, **2000**, 28, 3100-4	20.1	13
181	The Antitoxin Protein of a Toxin-Antitoxin System from Is Secreted via Outer Membrane Vesicles. *Frontiers in Microbiology*, **2016**, 7, 2030	5.7	13
180	QTL mapping and identification of corresponding genomic regions for black pod disease resistance to three Phytophthora species in Theobroma cacao L.. *Euphytica*, **2018**, 214, 1	2.1	13
179	Marker-trait association and epistasis for brown rust resistance in sugarcane. *Euphytica*, **2015**, 203, 533-547	2.1	12
178	Leaf transcriptome of two highly divergent genotypes of Urochloa humidicola (Poaceae), a tropical polyploid forage grass adapted to acidic soils and temporary flooding areas. *BMC Genomics*, **2016**, 17, 910	4.5	12
177	Molecular genetic variability of commercial and wild accessions of passion fruit (Passiflora spp.) targeting ex situ conservation and breeding. *International Journal of Molecular Sciences*, **2014**, 15, 22933-59	6.3	12
176	Development of a non-viral gene delivery vector based on the dynein light chain Rp3 and the TAT peptide. *Journal of Biotechnology*, **2014**, 173, 10-8	3.7	12
175	Phylogeny and biogeography of the genus Zornia (Leguminosae: Papilionoideae: Dalbergieae). *Taxon*, **2013**, 62, 723-732	0.8	12
174	Characterization of an oxidative stress response regulator, homologous to Escherichia coli OxyR, from the phytopathogen Xylella fastidiosa. *Protein Expression and Purification*, **2011**, 75, 204-10	2	12
173	Isolation and characterization of microsatellite markers for Brachiaria brizantha (Hochst. ex A. Rich.) Stap. *Conservation Genetics*, **2009**, 10, 1873-1876	2.6	12
172	Structural and kinetic characterization of a maize aldose reductase. *Plant Physiology and Biochemistry*, **2009**, 47, 98-104	5.4	12
171	Determination of Extracellular Proteins from. *Frontiers in Microbiology*, **2016**, 7, 2090	5.7	12
170	Impacts of landscape composition, marginality of distribution, soil fertility and climatic stability on the patterns of woody plant endemism in the Cerrado. *Global Ecology and Biogeography*, **2019**, 28, 904-916	6.1	12
169	Deep expression analysis reveals distinct cold-response strategies in rubber tree (Hevea brasiliensis). *BMC Genomics*, **2019**, 20, 455	4.5	11
168	Genetic Mapping With Allele Dosage Information in Tetraploid (Stapf) R. D. Webster Reveals Insights Into Spittlebug (Berg) Resistance. *Frontiers in Plant Science*, **2019**, 10, 92	6.2	11
167	Microsatellite markers for Urochloa humidicola (Poaceae) and their transferability to other Urochloa species. *BMC Research Notes*, **2015**, 8, 83	2.3	11
166	Of mammals and bacteria in a rainforest: Temporal dynamics of soil bacteria in response to simulated N pulse from mammalian urine. *Functional Ecology*, **2018**, 32, 773-784	5.6	11
165	Temporal genetic structure of major dengue vector Aedes aegypti from Manaus, Amazonas, Brazil. *Acta Tropica*, **2014**, 134, 80-8	3.2	11

164	Analysis of genomic regions of Trichoderma harzianum IOC-3844 related to biomass degradation. *PLoS ONE*, **2015**, 10, e0122122	3.7	11
163	Overexpression and purification of PWL2D, a mutant of the effector protein PWL2 from Magnaporthe grisea. *Protein Expression and Purification*, **2010**, 74, 24-31	2	11
162	Isolation and characterization of microsatellite loci in Paspalum notatum Flügg (Poaceae). *Conservation Genetics*, **2009**, 10, 1977-1980	2.6	11
161	Isolation and characterization of microsatellite loci in the tropical forage legume Stylosanthes guianensis (Aubl.) Sw.. *Conservation Genetics Resources*, **2009**, 1, 43-46	0.8	11
160	Identification of Stylosanthes guianensis varieties using molecular genetic analysis. *AoB PLANTS*, **2012**, 2012, pls001	2.9	11
159	Isolation and characterization of microsatellite loci in tropical forage Stylosanthes capitata Vogel. *Molecular Ecology Resources*, **2009**, 9, 192-4	8.4	11
158	Correlação da heterose de híbridos de milho com divergência genética entre linhagens. *Pesquisa Agropecuaria Brasileira*, **2007**, 42, 811-816	1.8	11
157	Expression and purification of a small heat shock protein from the plant pathogen Xylella fastidiosa. *Protein Expression and Purification*, **2004**, 33, 297-303	2	11
156	Pollen contamination and nonrandom mating in a Eucalyptus camaldulensis Dehnh seedling seed orchard. *Silvae Genetica*, **2016**, 65, 1-11	1.1	11
155	Local adaptation of a dominant coastal tree to freshwater availability and solar radiation suggested by genomic and ecophysiological approaches. *Scientific Reports*, **2019**, 9, 19936	4.9	11
154	Linkage Disequilibrium and Population Structure in Wild and Cultivated Populations of Rubber Tree (). *Frontiers in Plant Science*, **2018**, 9, 815	6.2	10
153	Tapping latex and alleles? The impacts of latex and bark harvesting on the genetic diversity of Himatanthus drasticus (Apocynaceae). *Forest Ecology and Management*, **2013**, 310, 434-441	3.9	10
152	Species boundaries inferred from microsatellite markers in the Kielmeyera coriacea complex (Calophyllaceae) and evidence of asymmetric hybridization. *Plant Systematics and Evolution*, **2013**, 299, 731-741	1.3	10
151	New microsatellite markers developed from Urochloa humidicola (Poaceae) and cross amplification in different Urochloa species. *BMC Research Notes*, **2011**, 4, 523	2.3	10
150	Isolation and characterization of microsatellite markers in Acca sellowiana (Berg) Burret. *Molecular Ecology Resources*, **2008**, 8, 998-1000	8.4	10
149	Genetic Structure and Molecular Diversity of Cacao Plants Established as Local Varieties for More than Two Centuries: The Genetic History of Cacao Plantations in Bahia, Brazil. *PLoS ONE*, **2015**, 10, e0145276	3.7	10
148	Evidence of Allopolyploidy in Urochloa humidicola Based on Cytological Analysis and Genetic Linkage Mapping. *PLoS ONE*, **2016**, 11, e0153764	3.7	10
147	Characterization of the TolB-Pal trans-envelope complex from Xylella fastidiosa reveals a dynamic and coordinated protein expression profile during the biofilm development process. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2015**, 1854, 1372-81	4	9

146	"Targeted Sequencing by Gene Synteny," a New Strategy for Polyploid Species: Sequencing and Physical Structure of a Complex Sugarcane Region. *Frontiers in Plant Science*, **2018**, 9, 397	6.2	9
145	Elevation as a barrier: genetic structure for an Atlantic rain forest tree (Bathysa australis) in the Serra do Mar mountain range, SE Brazil. *Ecology and Evolution*, **2015**, 5, 1919-31	2.8	9
144	Using genetic diversity information to establish core collections of Stylosanthes capitata and Stylosanthes macrocephala. *Genetics and Molecular Biology*, **2012**, 35, 847-61	2	9
143	Isolation and characterization of microsatellite loci in Colletotrichum acutatum, the causal agent of postbloom fruit drop on citrus. *Conservation Genetics Resources*, **2011**, 3, 651-654	0.8	9
142	Development of a genetic linkage map of rubber tree (Hevea braziliensis) based on microsatellite markers. *BMC Proceedings*, **2011**, 5,	2.3	9
141	Microsatellite loci for Paspalum atratum (Poaceae) and cross-amplification in other species. *American Journal of Botany*, **2010**, 97, e107-10	2.7	9
140	Molecular and cytogenetic characterization of an AT-rich satellite DNA family in Urvillea chacoensis Hunz. (Paullinieae, Sapindaceae). *Genetica*, **2009**, 136, 171-7	1.5	9
139	Coexpression and Transcriptome analyses identify active Apomixis-related genes in Paspalum notatum leaves. *BMC Genomics*, **2020**, 21, 78	4.5	9
138	Population genetic analysis of Giardia duodenalis: genetic diversity and haplotype sharing between clinical and environmental sources. *MicrobiologyOpen*, **2017**, 6, e00424	3.4	8
137	Recent introduction and recombination in Colletotrichum acutatum populations associated with citrus postbloom fruit drop epidemics in Sõ Paulo, Brazil. *Phytopathology*, **2014**, 104, 769-78	3.8	8
136	Molecular Diversity and Genetic Structure of Guineagrass (Panicum maximum Jacq.), a Tropical Pasture Grass. *Tropical Plant Biology*, **2011**, 4, 185-202	1.6	8
135	Development and characterization of microsatellite markers for turmeric (Curcuma longa). *Plant Breeding*, **2009**, 129, 570	2.4	8
134	New microsatellite markers developed from an enriched microsatellite common bean library. *Pesquisa Agropecuaria Brasileira*, **2008**, 43, 929-936	1.8	8
133	A new member of the aldo-keto reductase family from the plant pathogen Xylella fastidiosa. *Archives of Biochemistry and Biophysics*, **2006**, 453, 143-50	4.1	8
132	Cloning, expression, and purification of the virulence-associated protein D from Xylella fastidiosa. *Protein Expression and Purification*, **2004**, 37, 320-6	2	8
131	Targeted development of microsatellite markers from inter-Alu amplification of YAC clones. *Genomics*, **1994**, 19, 391-3	4.3	8
130	Adaptation of fluorescent technique for genotyping with new microsatellite markers in common bean. *Pesquisa Agropecuaria Brasileira*, **2009**, 44, 638-644	1.8	8
129	Crystal structure of a small heat-shock protein from Xylella fastidiosa reveals a distinct high-order structure. *Acta Crystallographica Section F, Structural Biology Communications*, **2017**, 73, 222-227	1.1	7

128	Genetic diversity of Parides ascanius (Lepidoptera: Papilionidae: Troidini): implications for the conservation of Brazil's most iconic endangered invertebrate species. *Conservation Genetics*, **2016**, 17, 533-546	2.6	7
127	Initial biochemical and functional characterization of a 5'-nucleotidase from Xylella fastidiosa related to the human cytosolic 5'-nucleotidase I. *Microbial Pathogenesis*, **2013**, 59-60, 1-6	3.8	7
126	Phylogeographic studies of Brazilian 'campo-rupestre' species: Wunderlichia mirabilis Riedel ex Baker (Asteraceae). *Biotemas*, **2011**, 22, 17	0.2	7
125	Development and characterization of 14 microsatellite loci from an enriched genomic library of Eucalyptus camaldulensis Dehnh. *Conservation Genetics Resources*, **2009**, 1, 465-469	0.8	7
124	Polymorphic microsatellite loci for Stylosanthes macrocephala Ferr. et Costa, a tropical forage legume. *Conservation Genetics Resources*, **2009**, 1, 481-485	0.8	7
123	Capacidade combinatória, divergência genética entre linhagens de milho e correlação com heterose. *Bragantia*, **2008**, 67, 639-648	1.2	7
122	Molecular genetic variability, population structure and mating system in tropical forages. *Tropical Grasslands - Forrajes Tropicales*, **2013**, 1, 25	1.8	7
121	Molecular responses to freshwater limitation in the mangrove tree Avicennia germinans (Acanthaceae). *Molecular Ecology*, **2020**, 29, 344-362	5.7	7
120	Genetic structure and diversity of populations of polyploid Tibouchina pulchra Cogn. (Melastomataceae) under different environmental conditions in extremes of an elevational gradient. *Tree Genetics and Genomes*, **2016**, 12, 1	2.1	7
119	Shelter from the storm: Restored populations of the neotropical tree Myroxylon peruiferum are as genetically diverse as those from conserved remnants. *Forest Ecology and Management*, **2018**, 410, 95-103	3.9	6
118	The Genetic Diversity, Conservation, and Use of Passion Fruit (Passiflora spp.). *Sustainable Development and Biodiversity*, **2016**, 215-231	2.1	6
117	Genetic structure of two species in Chaco areas: A lack of allelic diversity diagnosis and insights into the allelic conservation of the affected species. *Ecology and Evolution*, **2018**, 8, 6558-6574	2.8	6
116	Small-angle X-ray scattering and in silico modeling approaches for the accurate functional annotation of an LysR-type transcriptional regulator. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2013**, 1834, 697-707	4	6
115	VapD in Xylella fastidiosa Is a Thermostable Protein with Ribonuclease Activity. *PLoS ONE*, **2015**, 10, e0145765	3.7	6
114	Microsatellite markers for the Cabreúva tree, Myroxylon peruiferum (Fabaceae), an endangered medicinal species from the Brazilian Atlantic Forest. *Genetics and Molecular Research*, **2014**, 13, 6920-5	1.2	6
113	New polymorphic microsatellite loci for Theobroma cacao: isolation and characterization of microsatellites from enriched genomic libraries. *Biologia Plantarum*, **2012**, 56, 789-792	2.1	6
112	Development of microsatellite markers in Guineagrass (Panicum maximum Jacq.) and their transferability to other tropical forage grass species. *Plant Breeding*, **2011**, 130, 104-108	2.4	6
111	Isolation and characterization of microsatellite markers from the stingless bee Nannotrigona testaceicornis. *Conservation Genetics Resources*, **2009**, 1, 97-99	0.8	6

110	Microsatellite loci for an endemic stingless bee Melipona seminigra merrillae (Apidae, Meliponini) from Amazon. *Conservation Genetics Resources*, **2009**, 1, 487-490	0.8	6
109	Functional and small-angle X-ray scattering studies of a new stationary phase survival protein E (SurE) from Xylella fastidiosa--evidence of allosteric behaviour. *FEBS Journal*, **2009**, 276, 6751-62	5.7	6
108	Cytological behaviour of the somatic hybrids Passiflora edulis f. flavicarpa + P.´cincinnata. *Plant Breeding*, **2007**, 126, 323-328	2.4	6
107	Machine learning approaches reveal genomic regions associated with sugarcane brown rust resistance. *Scientific Reports*, **2020**, 10, 20057	4.9	6
106	Population Genetics of Polyploid Complex Psidium cattleyanum Sabine (Myrtaceae): Preliminary Analyses Based on New Species-Specific Microsatellite Loci and Extension to Other Species of the Genus. *Biochemical Genetics*, **2021**, 59, 219-234	2.4	6
105	Extremophiles as a Model of a Natural Ecosystem: Transcriptional Coordination of Genes Reveals Distinct Selective Responses of Plants Under Climate Change Scenarios. *Frontiers in Plant Science*, **2018**, 9, 1376	6.2	6
104	Characterization of the LysR-type transcriptional regulator YcjZ-like from Xylella fastidiosa overexpressed in Escherichia coli. *Protein Expression and Purification*, **2015**, 113, 72-8	2	5
103	Microsatellite loci for Urochloa decumbens (Stapf) R.D. Webster and cross-amplification in other Urochloa species. *BMC Research Notes*, **2016**, 9, 152	2.3	5
102	Molecular diversity, genetic structure and mating system of Calopogonium mucunoides Desv.. *Genetic Resources and Crop Evolution*, **2012**, 59, 1449-1464	2	5
101	Microsatellite markers isolated from polyploid Kielmeyera coriacea Mart. & Zucc. (Clusiaceae) from an enriched genomic library. *Conservation Genetics*, **2009**, 10, 1533-1535	2.6	5
100	Drosophila mediopunctata microsatellites I: more than a hundred polymorphic loci available for genetic studies. *Conservation Genetics Resources*, **2009**, 1, 297-307	0.8	5
99	Transcription of succinate dehydrogenase subunit 4 (sdh4) gene in potato: detection of extensive RNA editing and co-transcription with cytochrome oxidase subunit III (cox3) gene. *Current Genetics*, **2002**, 41, 282-9	2.9	5
98	The higher plant nad5 mitochondrial gene: a conserved discontinuous transcription pattern. *Current Genetics*, **1992**, 22, 75-82	2.9	5
97	Genomic diversity is similar between Atlantic Forest restorations and natural remnants for the native tree Casearia sylvestris Sw. *PLoS ONE*, **2018**, 13, e0192165	3.7	5
96	The synergistic actions of hydrolytic genes reveal the mechanism of Trichoderma harzianum for cellulose degradation. *Journal of Biotechnology*, **2021**, 334, 1-10	3.7	5
95	GENETIC DIVERSITY AND MATING SYSTEM OF Rhizophora mangle L. (RHIZOPHORACEAE) IN NORTHERN BRAZIL REVEALED BY MICROSATELLITE ANALYSIS. *Cerne*, **2018**, 24, 295-302	0.7	5
94	Elucidating the Clusia criuva species complex: cryptic taxa can exhibit great genetic and geographical variation. *Botanical Journal of the Linnean Society*, **2019**, 190, 67-82	2.2	4
93	High-Resolution Linkage Map With Allele Dosage Allows the Identification of Regions Governing Complex Traits and Apospory in Guinea Grass (). *Frontiers in Plant Science*, **2020**, 11, 15	6.2	4

92	Characterization of the human dynein light chain Rp3 and its use as a non-viral gene delivery vector. *Applied Microbiology and Biotechnology*, **2014**, 98, 3591-602	5.7	4
91	Restriction site associated DNA (RAD) for de novo sequencing and marker discovery in sugarcane borer, Diatraea saccharalis Fab. (Lepidoptera: Crambidae). *Molecular Ecology Resources*, **2017**, 17, 454-465	8.4	4
90	A molecular linkage map for Drosophila mediopunctata confirms synteny with Drosophila melanogaster and suggests a region that controls the variation in the number of abdominal spots. *Insect Molecular Biology*, **2012**, 21, 89-95	3.4	4
89	Study of closely related species within the Physalaemus cuvieri group (Anura): contribution of microsatellite markers. *Genetics and Molecular Research*, **2011**, 10, 1434-44	1.2	4
88	Genetic studies in Centrosema pubescens benth, a tropical forage legume: the mating system, genetic variability and genetic relationships between Centrosema species. *Euphytica*, **2011**, 181, 223-235	2.1	4
87	Characterization of microsatellite loci in Himatanthus drasticus (Apocynaceae), a medicinal plant from the Brazilian savanna. *American Journal of Botany*, **2011**, 98, e244-6	2.7	4
86	Isolation and characterization of microsatellite loci in the stingless bee Melipona interrupta manaosensis (Apidae: Meliponini). *Conservation Genetics Resources*, **2010**, 2, 27-30	0.8	4
85	A trans-Splicing Model for the Expression of the Tripartite nad5 Gene in Wheat and Maize Mitochondria. *Plant Cell*, **1991**, 3, 1363	11.6	4
84	Solubilization, Folding, and Purification of a Recombinant Peptidoglycan-Associated Lipoprotein (PAL) Expressed in Escherichia coli. *Current Protocols in Protein Science*, **2018**, 92, e53	3.1	3
83	First microsatellite markers for Paspalum plicatulum (Poaceae) characterization and cross-amplification in different Paspalum species of the Plicatula group. *BMC Research Notes*, **2016**, 9, 511	2.3	3
82	Development and characterization of 32 microsatellite loci in Genipa americana (Rubiaceae). *Applications in Plant Sciences*, **2014**, 2, 1300084	2.3	3
81	Genome Sequence of Bacillus safensis CFA06, Isolated from Biodegraded Petroleum in Brazil. *Genome Announcements*, **2014**, 2,		3
80	Microsatellites for two Neotropical dominant ant species, Camponotus renggeri and C. rufipes (Hymenoptera: Formicidae). *Conservation Genetics Resources*, **2015**, 7, 459-462	0.8	3
79	Functional and structural studies of the disulfide isomerase DsbC from the plant pathogen Xylella fastidiosa reveals a redox-dependent oligomeric modulation in vitro. *FEBS Journal*, **2012**, 279, 3828-43	5.7	3
78	Structural characterization of the H-NS protein from Xylella fastidiosa and its interaction with DNA. *Archives of Biochemistry and Biophysics*, **2012**, 526, 22-8	4.1	3
77	Genetic diversity analysis among pigeonpea genotypes adapted to South American regions based on microsatellite markers. *Scientia Agricola*, **2011**, 68, 431-439	2.5	3
76	Development and characterization of microsatellite markers in Astronotus crassipinis (Heckel, 1840). *Conservation Genetics Resources*, **2009**, 1, 277-280	0.8	3
75	Drosophila mediopunctata microsatellites II: cross-species amplification in the tripunctata group and other Drosophila species. *Conservation Genetics Resources*, **2009**, 1, 281-296	0.8	3

74	Isolation and characterization of microsatellite markers for Cichla monoculus (Agassiz, 1831), an important freshwater fish in the Amazon. *Conservation Genetics Resources*, **2010**, 2, 215-218	0.8	3
73	Expression and purification of a putative H-NS nucleoid-associated protein from the phytopathogen Xylella fastidiosa. *Protein Expression and Purification*, **2003**, 32, 61-7	2	3
72	Marchantia polymorpha mitochondrial orf identifies transcribed sequence in angiosperm mitochondrial genome. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **2001**, 1520, 203-11		3
71	Identification and characterization of the trnS/pseudo-tRNA/nad3/rps12 gene cluster from Coix lacryma-jobi L: organization, transcription and RNA editing. *Plant Science*, **2000**, 158, 97-105	5.3	3
70	Sugarcane **2012**, 523-561		3
69	A recombination point is conserved in the mitochondrial genome of higher plant species and located downstream from the cox2 pseudogene in Solanum tuberosum L.. *Genetics and Molecular Biology*, **2006**, 29, 83-89	2	3
68	Genetic structure and molecular diversity of Brazilian grapevine germplasm: Management and use in breeding programs. *PLoS ONE*, **2020**, 15, e0240665	3.7	3
67	Genetic Variability, Correlation among Agronomic Traits, and Genetic Progress in a Sugarcane Diversity Panel. *Agriculture (Switzerland)*, **2021**, 11, 533	3	3
66	The Wild Sugarcane and Sorghum Kinomes: Insights Into Expansion, Diversification, and Expression Patterns. *Frontiers in Plant Science*, **2021**, 12, 668623	6.2	3
65	Isolation and characterization of microsatellite loci in Sisyrinchium (Iridaceae) and cross amplification in other genera. *Genetics and Molecular Research*, **2016**, 15,	1.2	3
64	Molecular genotyping, diversity studies and high-resolution molecular markers unveiled by microsatellites in Giardia duodenalis. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006928	4.8	3
63	Genome-wide approaches for the identification of markers and genes associated with sugarcane yellow leaf virus resistance. *Scientific Reports*, **2021**, 11, 15730	4.9	3
62	Geographical and environmental contributions to genomic divergence in mangrove forests. *Biological Journal of the Linnean Society*, **2021**, 132, 573-589	1.9	3
61	New Developments in Sugarcane Genetics and Genomics **2017**, 159-174		2
60	"Integrative genomic analysis of the bioprospection of regulators and accessory enzymes associated with cellulose degradation in a filamentous fungus (Trichoderma harzianum)". *BMC Genomics*, **2020**, 21, 757	4.5	2
59	A high level of outcrossing in the vulnerable species Prosopis rubriflora in a Chaco remnant. *Australian Journal of Botany*, **2018**, 66, 360	1.2	2
58	Initial crystallographic studies of a small heat-shock protein from Xylella fastidiosa. *Acta Crystallographica Section F: Structural Biology Communications*, **2012**, 68, 535-9		2
57	Isolation and characterization of microsatellites from Scaptotrigona xanthotricha (Apidae, Meliponini): a stingless bee in the Brazilian Atlantic rainforest. *Apidologie*, **2012**, 43, 432-435	2.3	2

56	Potato cultivar identification using molecular markers. *Pesquisa Agropecuaria Brasileira*, **2010**, 45, 110-118	0.8	2
55	Microsatellite markers in tropical legume (Centrosema pubescens Benth): development, characterization, and cross-species amplification in Centrosema sp. *Conservation Genetics Resources* , **2009**, 1, 347-352	0.8	2
54	Characterization of 12 microsatellite loci from an enriched genomic library in polyploid Tibouchina pulchra Cogn. (Melastomataceae). *Conservation Genetics Resources*, **2010**, 2, 193-196	0.8	2
53	Selective signatures and high genome-wide diversity in traditional Brazilian manioc (Manihot esculenta Crantz) varieties.. *Scientific Reports*, **2022**, 12, 1268	4.9	2
52	A population genomics appraisal suggests independent dispersals for bitter and sweet manioc in Brazilian Amazonia. *Evolutionary Applications*, **2020**, 13, 342-361	4.8	2
51	Network analysis reveals different strategies of Trichoderma spp. associated with XYR1 and CRE1 during cellulose degradation		2
50	The synergistic actions of hydrolytic genes reveal the mechanism of Trichoderma harzianum for cellulose degradation		2
49	Genetic structure and molecular diversity of Brazilian grapevine germplasm: management and use in breeding programs		2
48	Genome-wide approaches for the identification of markers and genes associated with sugarcane yellow leaf virus resistance		2
47	SUGARCANE: BREEDING METHODS AND GENETIC MAPPING333-344		2
46	Genetic diversity of mango accessions (Mangifera indica) using new microsatellite markers and morphological descriptors. *Australian Journal of Crop Science*, **2016**, 10, 1281-1287	0.5	2
45	Development of microsatellite markers for the predatory mite Phytoseiulus macropilis and cross-amplification in three other´species of phytoseiid mites. *Experimental and Applied Acarology*, **2021**, 83, 1-12	2.1	2
44	North-south and climate-landscape-associated pattern of population structure for the Atlantic Forest White Morpho butterflies. *Molecular Phylogenetics and Evolution*, **2021**, 161, 107157	4.1	2
43	An Overview of the Genetics and Genomics of the Species Most Commonly Used in Pastures.. *Frontiers in Plant Science*, **2021**, 12, 770461	6.2	2
42	Genomic Diversity of Three Brazilian Native Food Crops Based on Double-Digest Restriction Site-Associated DNA Sequencing. *Tropical Plant Biology*, **2019**, 12, 268-281	1.6	1
41	Development and characterization of microsatellite markers for Piptadenia gonoacantha (Fabaceae). *Applications in Plant Sciences*, **2015**, 3, 1400107	2.3	1
40	Microsatellite markers for studies with the carnivorous plant Philcoxia minensis (Plantaginaceae). *Applications in Plant Sciences*, **2015**, 3, 1500035	2.3	1
39	Breeding systems and genetic diversity in tropical carpenter ant colonies: different strategies for similar outcomes in Brazilian Cerrado savanna. *Zoological Journal of the Linnean Society*, **2020**, 190, 1020-1035	2.4	1

38	Secondary origin, hybridization and sexual reproduction in a diploid-tetraploid contact zone of the facultatively apomictic orchid Zygopetalum mackayi. *Plant Biology*, **2020**, 22, 939-948	3.7	1
37	Development and transferability of microsatellite markers for a complex of Aspidosperma Mart. & Zucc. (Apocynaceae) species from South American Seasonally Dry Tropical Forests. *Revista Brasileira De Botanica*, **2020**, 43, 139-145	1.2	1
36	A new set of microsatellite loci for Cattleya walkeriana Gardner, an endangered tropical orchid species and its transferability to Cattleya loddigesii Lindl. and Cattleya nobilior Reichenbach. *Plant Genetic Resources: Characterisation and Utilisation*, **2018**, 16, 284-287	1	1
35	Crystallization and preliminary X-ray analysis of stationary phase survival protein E (SurE) from Xylella fastidiosa in two crystal forms. *Acta Crystallographica Section F: Structural Biology Communications*, **2012**, 68, 464-7		1
34	New loci of Lychnophora ericoides and transferability to Lychnophora pinaster, endangered medicinal species from Brazil. *Genetics and Molecular Research*, **2014**, 13, 10878-82	1.2	1
33	Microsatellite markers for the endangered orchids Cattleya labiata Lindl. and C. warneri T. Moore (Orchidaceae). *Conservation Genetics Resources*, **2013**, 5, 791-794	0.8	1
32	Characterization of 10 microsatellite loci for Bathysa australis (Rubiaceae). *Applications in Plant Sciences*, **2013**, 1, 1300055	2.3	1
31	Identification of microsatellite loci in Pinus tecunumanii. *BMC Proceedings*, **2011**, 5, P1	2.3	1
30	Development of microsatellite molecular markers and genetic diversity in Hevea Braziliensis. *BMC Proceedings*, **2011**, 5,	2.3	1
29	Isolation and characterization of polymorphic microsatellites for the natural populations of barker frog Physalaemus cuvieri. *Conservation Genetics*, **2009**, 10, 1849-1852	2.6	1
28	Development and characterization of nine microsatellite loci for Sisyrinchium micranthum (Iridaceae). *American Journal of Botany*, **2012**, 99, e402-4	2.7	1
27	Isolation and characterization of microsatellite markers in Acca sellowiana (Berg) Burret. *Molecular Ecology Resources*, **2008**, 8, 1417-9	8.4	1
26	Three dinucleotide markers on chromosome 21. *Human Molecular Genetics*, **1994**, 3, 381	5.6	1
25	Dinucleotide repeat polymorphism at D15S221. *Human Molecular Genetics*, **1994**, 3, 382	5.6	1
24	A Semi-Automated SNP-Based Approach for Contaminant Identification in Biparental Polyploid Populations of Tropical Forage Grasses. *Frontiers in Plant Science*, **2021**, 12, 737919	6.2	1
23	Geographical and environmental contributions to genomic divergence in mangrove forests		1
22	Apomixis-related genes identified from a coexpression network inPaspalum notatum, a Neotropical grass		1
21	Unraveling the variability and genetic structure of barker frog Physalaemus cuvieri (Leiuperinae) populations from different regions of Brazil. *Genetics and Molecular Research*, **2014**, 13, 8055-65	1.2	1

20	Testing species hypotheses in the mangrove genus Rhizophora from the Western hemisphere and South Pacific islands. *Estuarine, Coastal and Shelf Science*, **2021**, 248, 106948	2.9	1
19	Characterization of microsatellite loci for three species of Tomoplagia (Diptera: Tephritidae) and absence of cross-species amplification. *Applied Entomology and Zoology*, **2021**, 56, 125-132	1.5	1
18	Unravelling Rubber Tree Growth by Integrating GWAS and Biological Network-Based Approaches		1
17	Development of Microsatellite Markers for Brachiaria brizantha and Germplasm Diversity Characterization of this Tropical Forage Grass **2009**, 103-110		1
16	Network Analysis Reveals Different Cellulose Degradation Strategies Across Strains Associated With XYR1 and CRE1.. *Frontiers in Genetics*, **2022**, 13, 807243	4.5	1
15	Population structure and intraspecific ecological niche differentiation point to lineage divergence promoted by polyploidization in Psidium cattleyanum (Myrtaceae). *Tree Genetics and Genomes*, **2022**, 18, 1	2.1	1
14	Passion Fruit (Passiflora spp.) Breeding **2018**, 929-951		0
13	Development and cross-validation of microsatellite markers for Rauvolfia weddeliana M□.Arg. (Apocynaceae) species complex. *Revista Brasileira De Botanica*, **2018**, 41, 681-686	1.2	0
12	A first draft genome of the Sugarcane borer, Diatraea saccharalis.. *F1000Research*,9, 1269	3.6	0
11	Genomic prediction with allele dosage information in highly polyploid species. *Theoretical and Applied Genetics*, **2021**, 1	6	0
10	Trends in biological data integration for the selection of enzymes and transcription factors related to cellulose and hemicellulose degradation in fungi. *3 Biotech*, **2021**, 11, 475	2.8	0
9	A novel fungal metal-dependent □-L-arabinofuranosidase of family 54 glycoside hydrolase shows expanded substrate specificity. *Scientific Reports*, **2021**, 11, 10961	4.9	0
8	Unravelling Rubber Tree Growth by Integrating GWAS and Biological Network-Based Approaches.. *Frontiers in Plant Science*, **2021**, 12, 768589	6.2	0
7	Isolation and characterization of microsatellite markers in Rhaphiodon vulpinus (Cynodontidae, Characiformes) and their cross-amplification in other Cynodontinae species. *Conservation Genetics Resources*, **2013**, 5, 1175-1177	0.8	
6	Conformational variability of the stationary phase survival protein E from Xylella fastidiosa revealed by X-ray crystallography, small-angle X-ray scattering studies, and normal mode analysis. *Proteins: Structure, Function and Bioinformatics*, **2017**, 85, 1931-1943	4.2	
5	Microsatellite in Aeschynomene falcata (Leguminosae): diversity, cross-amplification, and chromosome localization. *Genetics and Molecular Research*, **2014**, 13, 10390-7	1.2	
4	Development of microsatellite loci for the fish Poecilia vivipara (Cyprinodontiformes: Poeciliidae). *Conservation Genetics Resources*, **2013**, 6, 383	0.8	
3	Two dinucleotide repeats tightly linked to D12S91. *Human Molecular Genetics*, **1994**, 3, 382	5.6	

2	Microsatellites for the Neotropical ant, Camponotus leydigi (Hymenoptera: Formicidae). *Entomological Science*, **2021**, 24, 79-84	1.1
1	Temporal Gene Expression in Apical Culms Shows Early Changes in Cell Wall Biosynthesis Genes in Sugarcane.. *Frontiers in Plant Science*, **2021**, 12, 736797	6.2