

# Anete Pereira Souza

## List of Publications by Year in descending order

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295  
papers

7,796  
citations

71102

41  
h-index

82547

72  
g-index

331  
all docs

331  
docs citations

331  
times ranked

7476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic prediction with allele dosage information in highly polyploid species. Theoretical and Applied Genetics, 2022, 135, 723-739.	3.6	13
2	Selective signatures and high genome-wide diversity in traditional Brazilian manioc ( <i>Manihot</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	3.3	9
3	Network Analysis Reveals Different Cellulose Degradation Strategies Across <i>Trichoderma harzianum</i> Strains Associated With XYR1 and CRE1. Frontiers in Genetics, 2022, 13, 807243.	2.3	8
4	Differential Adaptive Potential and Vulnerability to Climate-Driven Habitat Loss in Brazilian Mangroves. Frontiers in Conservation Science, 2022, 3, .	1.9	0
5	Population structure and intraspecific ecological niche differentiation point to lineage divergence promoted by polyploidization in <i>Psidium cattleianum</i> (Myrtaceae). Tree Genetics and Genomes, 2022, 18, 1.	1.6	3
6	Nitrogen pulses increase fungal pathogens in Amazonian lowland tropical rain forests. Journal of Ecology, 2022, 110, 1775-1789.	4.0	1
7	Testing species hypotheses in the mangrove genus <i>Rhizophora</i> from the Western hemisphere and South Pacific islands. Estuarine, Coastal and Shelf Science, 2021, 248, 106948.	2.1	7
8	Population Genetics of Polyploid Complex <i>Psidium cattleianum</i> 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.	1.7	10
9	Microsatellites for the Neotropical ant, <i>Camponotus leydigi</i> (Hymenoptera: Formicidae). Entomological Science, 2021, 24, 79-84.	0.6	0
10	Development of microsatellite markers for the predatory mite <i>Phytoseiulus macropilis</i> and cross-amplification in three other species of phytoseiid mites. Experimental and Applied Acarology, 2021, 83, 1-12.	1.6	2
11	Characterization of microsatellite loci for three species of <i>Tomoplagia</i> (Diptera: Tephritidae) and absence of cross-species amplification. Applied Entomology and Zoology, 2021, 56, 125-132.	1.2	2
12	A novel fungal metal-dependent $\beta$ -l-arabinofuranosidase of family 54 glycoside hydrolase shows expanded substrate specificity. Scientific Reports, 2021, 11, 10961.	3.3	8
13	Genetic Variability, Correlation among Agronomic Traits, and Genetic Progress in a Sugarcane Diversity Panel. Agriculture (Switzerland), 2021, 11, 533.	3.1	9
14	The synergistic actions of hydrolytic genes reveal the mechanism of <i>Trichoderma harzianum</i> for cellulose degradation. Journal of Biotechnology, 2021, 334, 1-10.	3.8	14
15	The Wild Sugarcane and Sorghum Kinomes: Insights Into Expansion, Diversification, and Expression Patterns. Frontiers in Plant Science, 2021, 12, 668623.	3.6	18
16	North-south and climate-landscape-associated pattern of population structure for the Atlantic Forest White Morpho butterflies. Molecular Phylogenetics and Evolution, 2021, 161, 107157.	2.7	4
17	Genome-wide approaches for the identification of markers and genes associated with sugarcane yellow leaf virus resistance. Scientific Reports, 2021, 11, 15730.	3.3	21
18	Geographical and environmental contributions to genomic divergence in mangrove forests. Biological Journal of the Linnean Society, 2021, 132, 573-589.	1.6	10

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19	A Semi-Automated SNP-Based Approach for Contaminant Identification in Biparental Polyploid Populations of Tropical Forage Grasses. <i>Frontiers in Plant Science</i> , 2021, 12, 737919.	3.6	7
20	Trends in biological data integration for the selection of enzymes and transcription factors related to cellulose and hemicellulose degradation in fungi. <i>3 Biotech</i> , 2021, 11, 475.	2.2	3
21	Unravelling Rubber Tree Growth by Integrating GWAS and Biological Network-Based Approaches. <i>Frontiers in Plant Science</i> , 2021, 12, 768589.	3.6	14
22	An Overview of the Genetics and Genomics of the <i>Urochloa</i> Species Most Commonly Used in Pastures. <i>Frontiers in Plant Science</i> , 2021, 12, 770461.	3.6	12
23	Temporal Gene Expression in Apical Culms Shows Early Changes in Cell Wall Biosynthesis Genes in Sugarcane. <i>Frontiers in Plant Science</i> , 2021, 12, 736797.	3.6	1
24	Molecular responses to freshwater limitation in the mangrove tree <i>Avicennia germinans</i> (Acanthaceae). <i>Molecular Ecology</i> , 2020, 29, 344-362.	3.9	12
25	Genetic structure and molecular diversity of Brazilian grapevine germplasm: Management and use in breeding programs. <i>PLoS ONE</i> , 2020, 15, e0240665.	2.5	14
26	Microsatellites for the Neotropical Ant, <i>Odontomachus chelifer</i> (Hymenoptera: Formicidae). <i>Journal of Insect Science</i> , 2020, 20, .	1.5	3
27	Machine learning approaches reveal genomic regions associated with sugarcane brown rust resistance. <i>Scientific Reports</i> , 2020, 10, 20057.	3.3	19
28	Integrative genomic analysis of the bioprospection of regulators and accessory enzymes associated with cellulose degradation in a filamentous fungus ( <i>Trichoderma harzianum</i> ). <i>BMC Genomics</i> , 2020, 21, 757.	2.8	5
29	Breeding systems and genetic diversity in tropical carpenter ant colonies: different strategies for similar outcomes in Brazilian Cerrado savanna. <i>Zoological Journal of the Linnean Society</i> , 2020, 190, 1020-1035.	2.3	5
30	Secondary origin, hybridization and sexual reproduction in a diploid-tetraploid contact zone of the facultatively apomictic orchid <i>Zygopetalum mackayi</i> . <i>Plant Biology</i> , 2020, 22, 939-948.	3.8	4
31	Development and transferability of microsatellite markers for a complex of <i>Aspidosperma</i> Mart. & Zucc. (Apocynaceae) species from South American Seasonally Dry Tropical Forests. <i>Revista Brasileira De Botanica</i> , 2020, 43, 139-145.	1.3	1
32	High-Resolution Linkage Map With Allele Dosage Allows the Identification of Regions Governing Complex Traits and Apospory in Guinea Grass ( <i>Megathyrsus maximus</i> ). <i>Frontiers in Plant Science</i> , 2020, 11, 15.	3.6	22
33	A population genomics appraisal suggests independent dispersals for bitter and sweet manioc in Brazilian Amazonia. <i>Evolutionary Applications</i> , 2020, 13, 342-361.	3.1	9
34	Coexpression and Transcriptome analyses identify active Apomixis-related genes in <i>Paspalum notatum</i> leaves. <i>BMC Genomics</i> , 2020, 21, 78.	2.8	12
35	A genome-wide association study identified loci for yield component traits in sugarcane ( <i>Saccharum</i> ) Tj ETQq1 1 0.784314 rgBT /Overdo	2.5	54
36	Deep expression analysis reveals distinct cold-response strategies in rubber tree ( <i>Hevea brasiliensis</i> ). <i>BMC Genomics</i> , 2019, 20, 455.	2.8	19

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37	Genomic Diversity of Three Brazilian Native Food Crops Based on Double-Digest Restriction Site-Associated DNA Sequencing. <i>Tropical Plant Biology</i> , 2019, 12, 268-281.	1.9	7
38	Gene Duplication in the Sugarcane Genome: A Case Study of Allele Interactions and Evolutionary Patterns in Two Genic Regions. <i>Frontiers in Plant Science</i> , 2019, 10, 553.	3.6	23
39	Elucidating the <i>Clusia criuva</i> species â€œcomplexâ€™: cryptic taxa can exhibit great genetic and geographical variation. <i>Botanical Journal of the Linnean Society</i> , 2019, 190, 67-82.	1.6	5
40	Genetic Mapping With Allele Dosage Information in Tetraploid <i>Urochloa decumbens</i> (Stapf) R. D. Webster Reveals Insights Into Spittlebug ( <i>Notozulia entreriana</i> Berg) Resistance. <i>Frontiers in Plant Science</i> , 2019, 10, 92.	3.6	32
41	An engineered GH1 Î²-glucosidase displays enhanced glucose tolerance and increased sugar release from lignocellulosic materials. <i>Scientific Reports</i> , 2019, 9, 4903.	3.3	36
42	Impacts of landscape composition, marginality of distribution, soil fertility and climatic stability on the patterns of woody plant endemism in the Cerrado. <i>Global Ecology and Biogeography</i> , 2019, 28, 904-916.	5.8	17
43	Local adaptation of a dominant coastal tree to freshwater availability and solar radiation suggested by genomic and ecophysiological approaches. <i>Scientific Reports</i> , 2019, 9, 19936.	3.3	19
44	Genomic Selection in Rubber Tree Breeding: A Comparison of Models and Methods for Managing GÃ—E Interactions. <i>Frontiers in Plant Science</i> , 2019, 10, 1353.	3.6	28
45	Solubilization, Folding, and Purification of a Recombinant Peptidoglycanâ€Associated Lipoprotein (PAL) Expressed in <i>Escherichia coli</i> . <i>Current Protocols in Protein Science</i> , 2018, 92, e53.	2.8	5
46	Population genetic structure, introgression, and hybridization in the genus <i>Rhizophora</i> along the Brazilian coast. <i>Ecology and Evolution</i> , 2018, 8, 3491-3504.	1.9	53
47	Shelter from the storm: Restored populations of the neotropical tree <i>Myroxylon peruiferum</i> are as genetically diverse as those from conserved remnants. <i>Forest Ecology and Management</i> , 2018, 410, 95-103.	3.2	7
48	Network of proteins, enzymes and genes linked to biomass degradation shared by <i>Trichoderma</i> species. <i>Scientific Reports</i> , 2018, 8, 1341.	3.3	48
49	A new set of microsatellite loci for <i>Cattleya walkeriana</i> Gardner, an endangered tropical orchid species and its transferability to <i>Cattleya loddigesii</i> Lindl. and <i>Cattleya nobilior</i> Reichenbach. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 284-287.	0.8	1
50	Of mammals and bacteria in a rainforest: Temporal dynamics of soil bacteria in response to simulated N pulse from mammalian urine. <i>Functional Ecology</i> , 2018, 32, 773-784.	3.6	15
51	Genetic diversity of reintroduced tree populations in restoration plantations of the Brazilian Atlantic Forest. <i>Restoration Ecology</i> , 2018, 26, 694-701.	2.9	29
52	GENETIC DIVERSITY AND MATING SYSTEM OF <i>Rhizophora mangle</i> L. (RHIZOPHORACEAE) IN NORTHERN BRAZIL REVEALED BY MICROSATELLITE ANALYSIS. <i>Cerne</i> , 2018, 24, 295-302.	0.9	5
53	Molecular genotyping, diversity studies and high-resolution molecular markers unveiled by microsatellites in <i>Giardia duodenalis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006928.	3.0	7
54	QTL mapping and identification of corresponding genomic regions for black pod disease resistance to three <i>Phytophthora</i> species in <i>Theobroma cacao</i> L.. <i>Euphytica</i> , 2018, 214, 1.	1.2	22

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55	Extremophiles as a Model of a Natural Ecosystem: Transcriptional Coordination of Genes Reveals Distinct Selective Responses of Plants Under Climate Change Scenarios. <i>Frontiers in Plant Science</i> , 2018, 9, 1376.	3.6	10
56	QTL detection for growth and latex production in a full-sib rubber tree population cultivated under suboptimal climate conditions. <i>BMC Plant Biology</i> , 2018, 18, 223.	3.6	18
57	Genetic structure of two <i>Prosopis</i> species in Chaco areas: A lack of allelic diversity diagnosis and insights into the allelic conservation of the affected species. <i>Ecology and Evolution</i> , 2018, 8, 6558-6574.	1.9	10
58	Targeted Sequencing by Gene Synteny, a New Strategy for Polyploid Species: Sequencing and Physical Structure of a Complex Sugarcane Region. <i>Frontiers in Plant Science</i> , 2018, 9, 397.	3.6	18
59	Linkage Disequilibrium and Population Structure in Wild and Cultivated Populations of Rubber Tree ( <i>Hevea brasiliensis</i> ). <i>Frontiers in Plant Science</i> , 2018, 9, 815.	3.6	20
60	Passion Fruit ( <i>Passiflora</i> spp.) Breeding. , 2018, , 929-951.		3
61	Development and cross-validation of microsatellite markers for <i>Rauvolfia weddeliana</i> Mill.Arg. (Apocynaceae) species complex. <i>Revista Brasileira De Botanica</i> , 2018, 41, 681-686.	1.3	1
62	High-Resolution Genetic Map and QTL Analysis of Growth-Related Traits of <i>Hevea brasiliensis</i> Cultivated Under Suboptimal Temperature and Humidity Conditions. <i>Frontiers in Plant Science</i> , 2018, 9, 1255.	3.6	27
63	A high level of outcrossing in the vulnerable species <i>Prosopis rubriflora</i> in a Chaco remnant. <i>Australian Journal of Botany</i> , 2018, 66, 360.	0.6	2
64	Genomic diversity is similar between Atlantic Forest restorations and natural remnants for the native tree <i>Casearia sylvestris</i> Sw.. <i>PLoS ONE</i> , 2018, 13, e0192165.	2.5	10
65	Population genetic analysis of <i>Giardia duodenalis</i> : genetic diversity and haplotype sharing between clinical and environmental sources. <i>MicrobiologyOpen</i> , 2017, 6, e00424.	3.0	12
66	Functional metagenomics of oil-impacted mangrove sediments reveals high abundance of hydrolases of biotechnological interest. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 141.	3.6	20
67	GBS-based single dosage markers for linkage and QTL mapping allow gene mining for yield-related traits in sugarcane. <i>BMC Genomics</i> , 2017, 18, 72.	2.8	91
68	Crystal structure of a small heat-shock protein from <i>Xylella fastidiosa</i> reveals a distinct high-order structure. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2017, 73, 222-227.	0.8	7
69	New Developments in Sugarcane Genetics and Genomics. , 2017, , 159-174.		5
70	InP Nanowire Biosensor with Tailored Biofunctionalization: Ultrasensitive and Highly Selective Disease Biomarker Detection. <i>Nano Letters</i> , 2017, 17, 5938-5949.	9.1	111
71	Conformational variability of the stationary phase survival protein E from <i>Xylella fastidiosa</i> revealed by X-ray crystallography, small-angle X-ray scattering studies, and normal mode analysis. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1931-1943.	2.6	0
72	Production of a recombinant swollenin from <i>Trichoderma harzianum</i> in <i>Escherichia coli</i> and its potential synergistic role in biomass degradation. <i>Microbial Cell Factories</i> , 2017, 16, 83.	4.0	29

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73	Restriction site associated <scp>DNA</scp> (<scp>RAD</scp>) for de novo sequencing and marker discovery in sugarcane borer, <i>Diatraea saccharalis</i> Fab. (Lepidoptera: Crambidae). Molecular Ecology Resources, 2017, 17, 454-465.	4.8	5
74	Analysis of three sugarcane homo/homeologous regions suggests independent polyploidization events of <i>Saccharum officinarum</i> and <i>Saccharum spontaneum</i>. Genome Biology and Evolution, 2017, 9, evw293.	2.5	42
75	Carbohydrate-active enzymes in <i>Trichoderma harzianum</i> : a bioinformatic analysis bioprospecting for key enzymes for the biofuels industry. BMC Genomics, 2017, 18, 779.	2.8	48
76	Isolation and characterization of microsatellite loci in <i>Sisyrinchium</i> (Iridaceae) and cross amplification in other genera. Genetics and Molecular Research, 2016, 15, .	0.2	3
77	Genetic diversity of mango accessions ( <i>Mangifera indica</i> ) using new microsatellite markers and morphological descriptors. Australian Journal of Crop Science, 2016, 10, 1281-1287.	0.3	5
78	The Antitoxin Protein of a Toxin-Antitoxin System from <i>Xylella fastidiosa</i> Is Secreted via Outer Membrane Vesicles. Frontiers in Microbiology, 2016, 7, 2030.	3.5	20
79	In vitro Determination of Extracellular Proteins from <i>Xylella fastidiosa</i> . Frontiers in Microbiology, 2016, 7, 2090.	3.5	15
80	Pollen contamination and nonrandom mating in a <i>Eucalyptus camaldulensis</i> Dehnh seedling seed orchard. Silvae Genetica, 2016, 65, 1-11.	0.8	13
81	Mixed Modeling of Yield Components and Brown Rust Resistance in Sugarcane Families. Agronomy Journal, 2016, 108, 1824-1837.	1.8	34
82	Genetic structure and diversity of populations of polyploid <i>Tibouchina pulchra</i> Cogn. (Melastomataceae) under different environmental conditions in extremes of an elevational gradient. Tree Genetics and Genomes, 2016, 12, 1.	1.6	14
83	Three ways to distinguish species: using behavioural, ecological, and molecular data to tell apart two closely related ants, <i>C</i> <i>amponotus renggeri</i> and <i>C</i> <i>amponotus rufipes</i> (Hymenoptera: Formicidae). Zoological Journal of the Linnean Society, 2016, 176, 170-181.	2.3	25
84	Development of single nucleotide polymorphism markers in the large and complex rubber tree genome using next-generation sequence data. Molecular Breeding, 2016, 36, 1.	2.1	22
85	QTL mapping including codominant SNP markers with ploidy level information in a sugarcane progeny. Euphytica, 2016, 211, 1-16.	1.2	39
86	Leaf transcriptome of two highly divergent genotypes of <i>Urochloa humidicola</i> (Poaceae), a tropical polyploid forage grass adapted to acidic soils and temporary flooding areas. BMC Genomics, 2016, 17, 910.	2.8	15
87	First microsatellite markers for <i>Paspalum plicatum</i> (Poaceae) characterization and cross-amplification in different <i>Paspalum</i> species of the Plicatula group. BMC Research Notes, 2016, 9, 511.	1.4	4
88	Microsatellite loci for <i>Urochloa decumbens</i> (Stapf) R.D. Webster and cross-amplification in other <i>Urochloa</i> species. BMC Research Notes, 2016, 9, 152.	1.4	21
89	Crystal structure and biochemical characterization of the recombinant ThBgl, a GH1 $\beta$ -glucosidase overexpressed in <i>Trichoderma harzianum</i> under biomass degradation conditions. Biotechnology for Biofuels, 2016, 9, 71.	6.2	45
90	Genetic diversity of <i>Parides ascanius</i> (Lepidoptera: Papilionidae: Troidini): implications for the conservation of Brazil's most iconic endangered invertebrate species. Conservation Genetics, 2016, 17, 533-546.	1.5	9

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91	The Genetic Diversity, Conservation, and Use of Passion Fruit ( <i>Passiflora</i> spp.). Sustainable Development and Biodiversity, 2016, , 215-231.	1.7	22
92	Evidence of Allopolyploidy in <i>Urochloa humidicola</i> Based on Cytological Analysis and Genetic Linkage Mapping. PLoS ONE, 2016, 11, e0153764.	2.5	39
93	Elevation as a barrier: genetic structure for an <i>Athysa australis</i> in the Serra do Mar mountain range, SE Brazil. Ecology and Evolution, 2015, 5, 1919-1931.	1.9	26
94	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.	2.5	71
95	Analysis of Genomic Regions of <i>Trichoderma harzianum</i> IOC-3844 Related to Biomass Degradation. PLoS ONE, 2015, 10, e0122122.	2.5	17
96	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.	2.5	32
97	VapD in <i>Xylella fastidiosa</i> Is a Thermostable Protein with Ribonuclease Activity. PLoS ONE, 2015, 10, e0145765.	2.5	8
98	Identification of oxidoreductases from the petroleum <i>Bacillus safensis</i> strain. Biotechnology Reports (Amsterdam, Netherlands), 2015, 8, 152-159.	4.4	17
99	Microsatellites for two Neotropical dominant ant species, <i>Camponotus renggeri</i> and <i>C. rufipes</i> (Hymenoptera: Formicidae). Conservation Genetics Resources, 2015, 7, 459-462.	0.8	6
100	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.	1.2	20
101	Characterization of the TolB-Pal trans-envelope complex from <i>Xylella fastidiosa</i> reveals a dynamic and coordinated protein expression profile during the biofilm development process. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1372-1381.	2.3	12
102	Detection of genetic resistance to cocoa black pod disease caused by three <i>Phytophthora</i> species. Euphytica, 2015, 206, 677-687.	1.2	35
103	Species distribution and introgressive hybridization of two <i>Avicennia</i> species from the Western Hemisphere unveiled by phylogeographic patterns. BMC Evolutionary Biology, 2015, 15, 61.	3.2	23
104	Microsatellite markers for <i>Urochloa humidicola</i> (Poaceae) and their transferability to other <i>Urochloa</i> species. BMC Research Notes, 2015, 8, 83.	1.4	12
105	Characterization of the LysR-type transcriptional regulator YcjZ-like from <i>Xylella fastidiosa</i> overexpressed in <i>Escherichia coli</i> . Protein Expression and Purification, 2015, 113, 72-78.	1.3	8
106	Development and Characterization of Microsatellite Markers for <i>Piptadenia gonoacantha</i> (Fabaceae). Applications in Plant Sciences, 2015, 3, 1400107.	2.1	1
107	Microsatellite Markers for Studies with the Carnivorous Plant <i>Philcoxia minensis</i> (Plantaginaceae). Applications in Plant Sciences, 2015, 3, 1500035.	2.1	2
108	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.	2.1	19



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109	Marker-trait association and epistasis for brown rust resistance in sugarcane. <i>Euphytica</i> , 2015, 203, 533-547.	1.2	13
110	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. <i>PLoS ONE</i> , 2015, 10, e0145276.	2.5	15
111	De Novo Assembly and Transcriptome Analysis of Contrasting Sugarcane Varieties. <i>PLoS ONE</i> , 2014, 9, e88462.	2.5	129
112	New Hydrocarbon Degradation Pathways in the Microbial Metagenome from Brazilian Petroleum Reservoirs. <i>PLoS ONE</i> , 2014, 9, e90087.	2.5	83
113	Short Communication New loci of <i>Lychnophora ericoides</i> and transferability to <i>Lychnophora pinaster</i> , endangered medicinal species from Brazil. <i>Genetics and Molecular Research</i> , 2014, 13, 10878-10882.	0.2	1
114	Microsatellite markers for the Cabre�va tree, <i>Myroxylon peruiferum</i> (Fabaceae), an endangered medicinal species from the Brazilian Atlantic Forest. <i>Genetics and Molecular Research</i> , 2014, 13, 6920-6925.	0.2	7
115	Microsatellite in <i>Aeschynomene falcata</i> (Leguminosae): diversity, cross-amplification, and chromosome localization. <i>Genetics and Molecular Research</i> , 2014, 13, 10390-10397.	0.2	0
116	Molecular Genetic Variability of Commercial and Wild Accessions of Passion Fruit ( <i>Passiflora</i> spp.) Targeting ex Situ Conservation and Breeding. <i>International Journal of Molecular Sciences</i> , 2014, 15, 22933-22959.	4.1	15
117	Genetic Breeding and Diversity of the Genus <i>Passiflora</i> : Progress and Perspectives in Molecular and Genetic Studies. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14122-14152.	4.1	75
118	Development of a non-viral gene delivery vector based on the dynein light chain Rp3 and the TAT peptide. <i>Journal of Biotechnology</i> , 2014, 173, 10-18.	3.8	16
119	New microsatellite markers for wild and commercial species of <i>Passiflora</i> ( <i>Passifloraceae</i> ) and cross-amplification. <i>Applications in Plant Sciences</i> , 2014, 2, 1300061.	2.1	22
120	Recent Introduction and Recombination in <i>Colletotrichum acutatum</i> Populations Associated with Citrus Postbloom Fruit Drop Epidemics in S�o Paulo, Brazil. <i>Phytopathology</i> , 2014, 104, 769-778.	2.2	17
121	A history of passion fruit woodiness disease with emphasis on the current situation in Brazil and prospects for Brazilian passion fruit cultivation. <i>European Journal of Plant Pathology</i> , 2014, 139, 261-270.	1.7	34
122	Genetic diversity, spatial genetic structure and realised seed and pollen dispersal of <i>Himatanthus drasticus</i> (Apocynaceae) in the Brazilian savanna. <i>Conservation Genetics</i> , 2014, 15, 1073-1083.	1.5	14
123	Development and Characterization of 32 Microsatellite Loci in <i>Genipa americana</i> (Rubiaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1300084.	2.1	7
124	Building the sugarcane genome for biotechnology and identifying evolutionary trends. <i>BMC Genomics</i> , 2014, 15, 540.	2.8	136
125	Characterization of microsatellite markers developed from <i>Prosopis rubriflora</i> and <i>Prosopis ruscifolia</i> (Leguminosae - Mimosoideae), legume species that are used as models for genetic diversity studies in Chaqu�nian areas under anthropization in South America. <i>BMC Research Notes</i> , 2014, 7, 375.	1.4	17
126	Characterization of the human dynein light chain Rp3 and its use as a non-viral gene delivery vector. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3591-3602.	3.6	5



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127	Leaf-, panel- and latex-expressed sequenced tags from the rubber tree ( <i>Hevea brasiliensis</i> ) under cold-stressed and suboptimal growing conditions: the development of gene-targeted functional markers for stress response. <i>Molecular Breeding</i> , 2014, 34, 1035-1053.	2.1	32
128	Temporal genetic structure of major dengue vector <i>Aedes aegypti</i> from Manaus, Amazonas, Brazil. <i>Acta Tropica</i> , 2014, 134, 80-88.	2.0	14
129	Genome Sequence of <i>Bacillus safensis</i> CFA06, Isolated from Biodegraded Petroleum in Brazil. <i>Genome Announcements</i> , 2014, 2, .	0.8	5
130	Transcriptome Profile of <i>Trichoderma harzianum</i> IOC-3844 Induced by Sugarcane Bagasse. <i>PLoS ONE</i> , 2014, 9, e88689.	2.5	41
131	De Novo Assembly and Transcriptome Analysis of the Rubber Tree ( <i>Hevea brasiliensis</i> ) and SNP Markers Development for Rubber Biosynthesis Pathways. <i>PLoS ONE</i> , 2014, 9, e102665.	2.5	113
132	Genetic Diversity of <i>Giardia duodenalis</i> : Multilocus Genotyping Reveals Zoonotic Potential between Clinical and Environmental Sources in a Metropolitan Region of Brazil. <i>PLoS ONE</i> , 2014, 9, e115489.	2.5	44
133	Unraveling the variability and genetic structure of barker frog <i>Physalaemus cuvieri</i> (Leiuperinae) populations from different regions of Brazil. <i>Genetics and Molecular Research</i> , 2014, 13, 8055-8065.	0.2	1
134	Isolation and characterization of microsatellite markers in <i>Rhaphiodon vulpinus</i> (Cynodontidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 40 Resources</i> , 2013, 5, 1175-1177.	0.8	0
135	Genetic variation in polyploid forage grass: Assessing the molecular genetic variability in the <i>Paspalum</i> genus. <i>BMC Genetics</i> , 2013, 14, 50.	2.7	54
136	Small-angle X-ray scattering and in silico modeling approaches for the accurate functional annotation of an LysR-type transcriptional regulator. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 697-707.	2.3	6
137	Initial biochemical and functional characterization of a 5â€²-nucleotidase from <i>Xylella fastidiosa</i> related to the human cytosolic 5â€²-nucleotidase I. <i>Microbial Pathogenesis</i> , 2013, 59-60, 1-6.	2.9	8
138	Tapping latex and alleles? The impacts of latex and bark harvesting on the genetic diversity of <i>Himatanthus drasticus</i> (Apocynaceae). <i>Forest Ecology and Management</i> , 2013, 310, 434-441.	3.2	11
139	A novel and enantioselective epoxide hydrolase from <i>Aspergillus brasiliensis</i> CCT 1435: Purification and characterization. <i>Protein Expression and Purification</i> , 2013, 91, 175-183.	1.3	17
140	Species boundaries inferred from microsatellite markers in the <i>Kielmeyera coriacea</i> complex (Calophyllaceae) and evidence of asymmetric hybridization. <i>Plant Systematics and Evolution</i> , 2013, 299, 731-741.	0.9	13
141	Microsatellite markers for the endangered orchids <i>Cattleya labiata</i> Lindl. and <i>C. warneri</i> T. Moore (Orchidaceae). <i>Conservation Genetics Resources</i> , 2013, 5, 791-794.	0.8	2
142	Development of microsatellite loci for the fish <i>Poecilia vivipara</i> (Cyprinodontiformes: Poeciliidae). <i>Conservation Genetics Resources</i> , 2013, 6, 383.	0.8	0
143	Phylogeny and biogeography of the genus <i>Zornia</i> (Leguminosae: Papilionoideae: Dalbergieae). <i>Taxon</i> , 2013, 62, 723-732.	0.7	21
144	Characterization of 10 Microsatellite Loci for <i>Bathysa australis</i> (Rubiaceae). <i>Applications in Plant Sciences</i> , 2013, 1, 1300055.	2.1	1

#	ARTICLE	IF	CITATIONS
145	SNP genotyping allows an in-depth characterisation of the genome of sugarcane and other complex autopolyploids. Scientific Reports, 2013, 3, 3399.	3.3	129
146	QTL Mapping of Growth-Related Traits in a Full-Sib Family of Rubber Tree ( <i>Hevea brasiliensis</i> ) Evaluated in a Sub-Tropical Climate. PLoS ONE, 2013, 8, e61238.	2.5	72
147	De Novo Transcriptome Assembly for the Tropical Grass <i>Panicum maximum</i> Jacq. PLoS ONE, 2013, 8, e70781.	2.5	32
148	Molecular genetic variability, population structure and mating system in tropical forages. Tropical Grasslands - Forrajes Tropicales, 2013, 1, 25.	0.5	11
149	Identification of <i>Stylosanthes guianensis</i> varieties using molecular genetic analysis. AoB PLANTS, 2012, 2012, pls001.	2.3	13
150	Development and characterization of nine microsatellite loci for <i>Sisyrinchium micranthum</i> (Iridaceae). American Journal of Botany, 2012, 99, e402-4.	1.7	2
151	Development and characterization of microsatellite markers for the wild South American <i>Passiflora cincinnata</i> (Passifloraceae). American Journal of Botany, 2012, 99, e170-2.	1.7	23
152	Functional and structural studies of the disulfide isomerase <i>DsbC</i> from the plant pathogen <i>Xylella fastidiosa</i> reveals a redox-dependent oligomeric modulation <i>in vitro</i> . FEBS Journal, 2012, 279, 3828-3843.	4.7	3
153	Molecular diversity, genetic structure and mating system of <i>Calopogonium mucunoides</i> Desv.. Genetic Resources and Crop Evolution, 2012, 59, 1449-1464.	1.6	7
154	A novel protein refolding protocol for the solubilization and purification of recombinant peptidoglycan-associated lipoprotein from <i>Xylella fastidiosa</i> overexpressed in <i>Escherichia coli</i> . Protein Expression and Purification, 2012, 82, 284-289.	1.3	18
155	Structural characterization of the H-NS protein from <i>Xylella fastidiosa</i> and its interaction with DNA. Archives of Biochemistry and Biophysics, 2012, 526, 22-28.	3.0	4
156	Highly-sensitive and label-free indium phosphide biosensor for early phytopathogen diagnosis. Biosensors and Bioelectronics, 2012, 36, 62-68.	10.1	21
157	A novel linkage map of sugarcane with evidence for clustering of retrotransposon-based markers. BMC Genetics, 2012, 13, 51.	2.7	34
158	Microsatellite marker development for the rubber tree ( <i>Hevea brasiliensis</i> ): characterization and cross-amplification in wild <i>Hevea</i> species. BMC Research Notes, 2012, 5, 329.	1.4	31
159	Using genetic diversity information to establish core collections of <i>Stylosanthes capitata</i> and <i>Stylosanthes macrocephala</i> . Genetics and Molecular Biology, 2012, 35, 847-861.	1.3	12
160	Isolation and characterization of microsatellites from <i>Scaptotrigona xanthotricha</i> (Apidae). Tj ETQq0 0 0 rgBT /Overlock 10 Tf, 50 142 Td	2.0	3
161	New polymorphic microsatellite loci for <i>Theobroma cacao</i> : isolation and characterization of microsatellites from enriched genomic libraries. Biologia Plantarum, 2012, 56, 789-792.	1.9	6
162	A molecular linkage map for <i>Drosophila mediopunctata</i> confirms synteny with <i>Drosophila melanogaster</i> and suggests a region that controls the variation in the number of abdominal spots. Insect Molecular Biology, 2012, 21, 89-95.	2.0	4

#	ARTICLE	IF	CITATIONS
163	Development of a recombinant fusion protein based on the dynein light chain LC8 for non-viral gene delivery. <i>Journal of Controlled Release</i> , 2012, 159, 222-231.	9.9	23
164	Crystallization and preliminary X-ray analysis of stationary phase survival protein E (SurE) from <i>Xylella fastidiosa</i> in two crystal forms. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 464-467.	0.7	1
165	Initial crystallographic studies of a small heat-shock protein from <i>Xylella fastidiosa</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 535-539.	0.7	2
166	A mixed model QTL analysis for sugarcane multiple-harvest-location trial data. <i>Theoretical and Applied Genetics</i> , 2012, 124, 835-849.	3.6	73
167	Sugarcane. , 2012, , 523-561.		3
168	Characterization of an oxidative stress response regulator, homologous to <i>Escherichia coli</i> OxyR, from the phytopathogen <i>Xylella fastidiosa</i> . <i>Protein Expression and Purification</i> , 2011, 75, 204-210.	1.3	14
169	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 February 2011â€“31 March 2011. <i>Molecular Ecology Resources</i> , 2011, 11, 757-758.	4.8	24
170	Genetic diversity in cultivated carioca common beans based on molecular marker analysis. <i>Genetics and Molecular Biology</i> , 2011, 34, 88-102.	1.3	32
171	Phylogeographic studies of Brazilian <i>Wunderlichia mirabilis</i> Riedel ex Baker (Asteraceae). <i>Biotemas</i> , 2011, 22, 17.	0.1	8
172	Study of closely related species within the <i>Physalaemus cuvieri</i> group (Anura): contribution of microsatellite markers. <i>Genetics and Molecular Research</i> , 2011, 10, 1434-1444.	0.2	5
173	Genetic diversity analysis among pigeonpea genotypes adapted to South American regions based on microsatellite markers. <i>Scientia Agricola</i> , 2011, 68, 431-439.	1.2	6
174	Development of microsatellite markers in Guinea grass ( <i>Panicum maximum</i> Jacq.) and their transferability to other tropical forage grass species. <i>Plant Breeding</i> , 2011, 130, 104-108.	1.9	8
175	Functional markers for gene mapping and genetic diversity studies in sugarcane. <i>BMC Research Notes</i> , 2011, 4, 264.	1.4	51
176	New microsatellite markers developed from <i>Urochloa humidicola</i> (Poaceae) and cross amplification in different <i>Urochloa</i> species. <i>BMC Research Notes</i> , 2011, 4, 523.	1.4	14
177	Mating systems in tropical forages: <i>Stylosanthes capitata</i> Vog. and <i>Stylosanthes guianensis</i> (Aubl.) Sw.. <i>Euphytica</i> , 2011, 178, 185-193.	1.2	16
178	Genetic studies in <i>Centrosema pubescens</i> benth, a tropical forage legume: the mating system, genetic variability and genetic relationships between <i>Centrosema</i> species. <i>Euphytica</i> , 2011, 181, 223-235.	1.2	6
179	Inheritance of growth habit detected by genetic linkage analysis using microsatellites in the common bean ( <i>Phaseolus vulgaris</i> L.). <i>Molecular Breeding</i> , 2011, 27, 549-560.	2.1	33
180	Genetic Diversity and Population Structure of the <i>Brachiaria brizantha</i> Germplasm. <i>Tropical Plant Biology</i> , 2011, 4, 157-169.	1.9	27

#	ARTICLE	IF	CITATIONS
181	Molecular Diversity and Genetic Structure of Guineagrass ( <i>Panicum maximum</i> Jacq.), a Tropical Pasture Grass. <i>Tropical Plant Biology</i> , 2011, 4, 185-202.	1.9	12
182	Isolation and characterization of microsatellite loci in <i>Colletotrichum acutatum</i> , the causal agent of postbloom fruit drop on citrus. <i>Conservation Genetics Resources</i> , 2011, 3, 651-654.	0.8	11
183	Identification of microsatellite loci in <i>Pinus tecunumanii</i> . <i>BMC Proceedings</i> , 2011, 5, P1.	1.6	1
184	Development of microsatellite molecular markers and genetic diversity in <i>Hevea Braziliensis</i> . <i>BMC Proceedings</i> , 2011, 5, .	1.6	1
185	Development of microsatellite markers for <i>Pinus maximinoides</i> derived from microsatellite-enriched libraries. <i>BMC Proceedings</i> , 2011, 5, .	1.6	0
186	Development of a genetic linkage map of rubber tree ( <i>Hevea brasiliensis</i> ) based on microsatellite markers. <i>BMC Proceedings</i> , 2011, 5, .	1.6	10
187	Characterization of microsatellite loci in <i>Himatanthus drasticus</i> (Apocynaceae), a medicinal plant from the Brazilian savanna. <i>American Journal of Botany</i> , 2011, 98, e244-6.	1.7	4
188	Isolation and characterization of microsatellite loci in the stingless bee <i>Melipona interrupta manausensis</i> (Apidae: Meliponini). <i>Conservation Genetics Resources</i> , 2010, 2, 27-30.	0.8	7
189	Characterization of 12 microsatellite loci from an enriched genomic library in polyploid <i>Tibouchina pulchra</i> Cogn. (Melastomataceae). <i>Conservation Genetics Resources</i> , 2010, 2, 193-196.	0.8	2
190	Isolation and characterization of microsatellite markers for <i>Cichla monoculus</i> (Agassiz, 1831), an important freshwater fish in the Amazon. <i>Conservation Genetics Resources</i> , 2010, 2, 215-218.	0.8	5
191	The Biotechnology Roadmap for Sugarcane Improvement. <i>Tropical Plant Biology</i> , 2010, 3, 75-87.	1.9	62
192	Analysis of genomic and functional RFLP derived markers associated with sucrose content, fiber and yield QTLs in a sugarcane ( <i>Saccharum</i> spp.) commercial cross. <i>Euphytica</i> , 2010, 172, 313-327.	1.2	46
193	Potato cultivar identification using molecular markers. <i>Pesquisa Agropecuaria Brasileira</i> , 2010, 45, 110-113.	0.9	6
194	Microsatellites for the mangrove tree <i>Avicennia germinans</i> (Acanthaceae): Tools for hybridization and mating system studies. <i>American Journal of Botany</i> , 2010, 97, e79-81.	1.7	18
195	Microsatellite loci for <i>Paspalum atratum</i> (Poaceae) and cross-amplification in other species. <i>American Journal of Botany</i> , 2010, 97, e107-e110.	1.7	13
196	Expression of <i>Xylella fastidiosa</i> Fimbrial and Afimbrial Proteins during Biofilm Formation. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4250-4259.	3.1	62
197	Genetic diversity and population structure analysis of the tropical pasture grass <i>Brachiaria humidicola</i> based on microsatellites, cytogenetics, morphological traits, and geographical origin. <i>Genome</i> , 2010, 53, 698-709.	2.0	46
198	Overexpression and purification of PWL2D, a mutant of the effector protein PWL2 from <i>Magnaporthe grisea</i> . <i>Protein Expression and Purification</i> , 2010, 74, 24-31.	1.3	15

#	ARTICLE	IF	CITATIONS
199	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2009â€“31 January 2010. <i>Molecular Ecology Resources</i> , 2010, 10, 576-579.	4.8	56
200	Microsatellite markers isolated from polyploid <i>Kielmeyera coriacea</i> Mart. & Zucc. (Clusiaceae) from an enriched genomic library. <i>Conservation Genetics</i> , 2009, 10, 1533-1535.	1.5	5
201	Isolation and characterization of polymorphic microsatellites for the natural populations of barker frog <i>Physalaemus cuvieri</i> . <i>Conservation Genetics</i> , 2009, 10, 1849-1852.	1.5	2
202	Isolation and characterization of microsatellite markers for <i>Brachiaria brizantha</i> (Hochst. ex A. Rich.) Stap. <i>Conservation Genetics</i> , 2009, 10, 1873-1876.	1.5	15
203	Isolation and characterization of microsatellite loci in <i>Paspalum notatum</i> FlÃ¼ggÃ© (Poaceae). <i>Conservation Genetics</i> , 2009, 10, 1977-1980.	1.5	18
204	Molecular and cytogenetic characterization of an AT-rich satellite DNA family in <i>Urvillea chacoensis</i> Hunz. (Paullinieae, Sapindaceae). <i>Genetica</i> , 2009, 136, 171-177.	1.1	10
205	Isolation and characterization of microsatellite loci in the tropical forage legume <i>Stylosanthes guianensis</i> (Aubl.) Sw.. <i>Conservation Genetics Resources</i> , 2009, 1, 43-46.	0.8	12
206	Isolation and characterization of microsatellite markers from the stingless bee <i>Nannotrigona testaceicornis</i> . <i>Conservation Genetics Resources</i> , 2009, 1, 97-99.	0.8	6
207	Isolation and characterization of microsatellite loci in the black pepper, <i>Piper nigrum</i> L. (piperaceae). <i>Conservation Genetics Resources</i> , 2009, 1, 209-212.	0.8	18
208	Development and characterization of microsatellite markers in <i>Astronotus crassipinis</i> (Heckel, 1840). <i>Conservation Genetics Resources</i> , 2009, 1, 277-280.	0.8	4
209	<i>Drosophila mediopunctata</i> microsatellites II: cross-species amplification in the tripunctata group and other <i>Drosophila</i> species. <i>Conservation Genetics Resources</i> , 2009, 1, 281-296.	0.8	4
210	<i>Drosophila mediopunctata</i> microsatellites I: more than a hundred polymorphic loci available for genetic studies. <i>Conservation Genetics Resources</i> , 2009, 1, 297-307.	0.8	6
211	Microsatellite markers in tropical legume ( <i>Centrosema pubescens</i> Benth): development, characterization, and cross-species amplification in <i>Centrosema</i> sp. <i>Conservation Genetics Resources</i> , 2009, 1, 347-352.	0.8	3
212	Development and characterization of 14 microsatellite loci from an enriched genomic library of <i>Eucalyptus camaldulensis</i> Dehnh. <i>Conservation Genetics Resources</i> , 2009, 1, 465-469.	0.8	8
213	Development of microsatellite markers for <i>Brachiaria humidicola</i> (Rendle) Schweick. <i>Conservation Genetics Resources</i> , 2009, 1, 475-479.	0.8	18
214	Polymorphic microsatellite loci for <i>Stylosanthes macrocephala</i> Ferr. et Costa, a tropical forage legume. <i>Conservation Genetics Resources</i> , 2009, 1, 481-485.	0.8	9
215	Microsatellite loci for an endemic stingless bee <i>MeliponaÂseminigraÂmerrillae</i> (Apidae, Meliponini) from Amazon. <i>Conservation Genetics Resources</i> , 2009, 1, 487-490.	0.8	10
216	QTL mapping for reaction to <i>Phaeosphaeria</i> leaf spot in a tropical maize population. <i>Theoretical and Applied Genetics</i> , 2009, 119, 1361-1369.	3.6	20

#	ARTICLE	IF	CITATIONS
217	Functional and small angle X-ray scattering studies of a new stationary phase survival protein E (SurE) from <i>Xylella fastidiosa</i> evidence of allosteric behaviour. FEBS Journal, 2009, 276, 6751-6762.	4.7	6
218	Development and characterization of microsatellite markers for turmeric ( <i>Curcuma longa</i> ). Plant Breeding, 2009, 129, 570.	1.9	16
219	Structural and kinetic characterization of a maize aldose reductase. Plant Physiology and Biochemistry, 2009, 47, 98-104.	5.8	17
220	Characterization of new polymorphic functional markers for sugarcane. Genome, 2009, 52, 191-209.	2.0	87
221	Microsatellites from rubber tree ( <i>Hevea brasiliensis</i> ) for genetic diversity analysis and cross-amplification in six <i>Hevea</i> wild species. Conservation Genetics Resources, 2009, 1, 75-79.	0.8	37
222	Isolation and characterization of microsatellite loci in tropical forage <i>Stylosanthes capitata</i> Vogel. Molecular Ecology Resources, 2009, 9, 192-194.	4.8	12
223	Biophysical Studies Of The Hn-s Protein From <i>Xylella fastidiosa</i> And Dna. Biophysical Journal, 2009, 96, 410a.	0.5	0
224	Development of Microsatellite Markers for <i>Brachiaria brizantha</i> and Germplasm Diversity Characterization of this Tropical Forage Grass. , 2009, , 103-110.		1
225	Adaptation of fluorescent technique for genotyping with new microsatellite markers in common bean. Pesquisa Agropecuaria Brasileira, 2009, 44, 638-644.	0.9	8
226	Microsatellite-dense genetic map: towards genome coverage in a tropical maize ( <i>Zea mays</i> L.) population. Revista Brasileira De Botanica, 2009, 32, .	1.3	1
227	Genetic analysis of forest species <i>Eugenia uniflora</i> L. through of newly developed SSR markers. Conservation Genetics, 2008, 9, 1281-1285.	1.5	18
228	Isolation and characterization of microsatellite loci in the Brazilian orchid <i>Epidendrum fulgens</i> . Conservation Genetics, 2008, 9, 1661-1663.	1.5	18
229	QTL mapping for yield components in a tropical maize population using microsatellite markers. Hereditas, 2008, 145, 194-203.	1.4	49
230	Isolation and characterization of microsatellite loci in <i>Pitcairnia albiflos</i> (Bromeliaceae), an endemic bromeliad from the Atlantic Rainforest, and cross amplification in other species. Molecular Ecology Resources, 2008, 8, 980-982.	4.8	30
231	Isolation and characterization of microsatellite markers in <i>Acca sellowiana</i> (Berg) Burret. Molecular Ecology Resources, 2008, 8, 998-1000.	4.8	11
232	Isolation and characterization of microsatellite loci in <i>Epidendrum puniceoluteum</i> , an endemic orchid from the Atlantic Rainforest. Molecular Ecology Resources, 2008, 8, 1114-1116.	4.8	13
233	Isolation and characterization of microsatellite markers in <i>Acca sellowiana</i> (Berg) Burret. Molecular Ecology Resources, 2008, 8, 1417-1419.	4.8	2
234	Molecular Phylogeny of the Neotropical Genus <i>Christensonella</i> (Orchidaceae, Maxillariinae): Species Delimitation and Insights into Chromosome Evolution. Annals of Botany, 2008, 102, 491-507.	2.9	26



#	ARTICLE	IF	CITATIONS
235	New microsatellite markers developed from an enriched microsatellite common bean library. Pesquisa Agropecuaria Brasileira, 2008, 43, 929-936.	0.9	9
236	Capacidade combinatória, divergência genética entre linhagens de milho e correlação com heterose. Bragantia, 2008, 67, 639-648.	1.3	12
237	Development of Microsatellite Markers for Brachiaria brizantha and Germplasm Diversity Characterization of this Tropical Forage Grass. , 2008, , 1-7.		0
238	Cytological behaviour of the somatic hybrids <i>Passiflora edulis</i> f. <i>flavicarpa</i> + <i>P. Âcinnata</i> . Plant Breeding, 2007, 126, 323-328.	1.9	9
239	Development, characterization, and comparative analysis of polymorphism at common bean SSR loci isolated from genic and genomic sources. Genome, 2007, 50, 266-277.	2.0	85
240	PCR-RFLP analysis of non-coding regions of cpDNA in <i>Araucaria angustifolia</i> (Bert.) O. Kuntze. Genetics and Molecular Biology, 2007, 30, 423-427.	1.3	14
241	Microsatellites for genetic studies and breeding programs in common bean. Pesquisa Agropecuaria Brasileira, 2007, 42, 589-592.	0.9	17
242	Correlação da heterose de híbridos de milho com divergência genética entre linhagens. Pesquisa Agropecuaria Brasileira, 2007, 42, 811-816.	0.9	17
243	OneMap: software for genetic mapping in outcrossing species. Hereditas, 2007, 144, 78-79.	1.4	326
244	Functional integrated genetic linkage map based on EST-markers for a sugarcane ( <i>Saccharum</i> spp.) commercial cross. Molecular Breeding, 2007, 20, 189-208.	2.1	79
245	Structure of genetic diversity among common bean ( <i>Phaseolus vulgaris</i> L.) varieties of Mesoamerican and Andean origins using new developed microsatellite markers. Genetic Resources and Crop Evolution, 2007, 54, 1747-1762.	1.6	65
246	A new member of the aldo-keto reductase family from the plant pathogen <i>Xylella fastidiosa</i> . Archives of Biochemistry and Biophysics, 2006, 453, 143-150.	3.0	8
247	Characterization of novel sugarcane expressed sequence tag microsatellites and their comparison with genomic SSRs. Plant Breeding, 2006, 125, 378-384.	1.9	84
248	Mapping QTL for Grain Yield and Plant Traits in a Tropical Maize Population. Molecular Breeding, 2006, 17, 227-239.	2.1	85
249	Development of an integrated genetic map of a sugarcane ( <i>Saccharum</i> spp.) commercial cross, based on a maximum-likelihood approach for estimation of linkage and linkage phases. Theoretical and Applied Genetics, 2006, 112, 298-314.	3.6	101
250	A recombination point is conserved in the mitochondrial genome of higher plant species and located downstream from the <i>cox2</i> pseudogene in <i>Solanum tuberosum</i> L.. Genetics and Molecular Biology, 2006, 29, 83-89.	1.3	3
251	Tropical maize germplasm: what can we say about its genetic diversity in the light of molecular markers?. Theoretical and Applied Genetics, 2005, 111, 1288-1299.	3.6	69
252	Microsatellite-assisted backcross selection in maize. Genetics and Molecular Biology, 2005, 28, 789-797.	1.3	48



#	ARTICLE	IF	CITATIONS
253	Avaliação de métodos de preservação de amostras de plantas de savanas neotropicais para a obtenção de DNA de alta qualidade para estudos moleculares. Revista Brasileira De Botanica, 2005, 28, 277-283.	1.3	4
254	Comparison of similarity coefficients used for cluster analysis with dominant markers in maize (Zea mays L.) using RAPD/Overlook. Theor. Appl. Genet., 2004, 108, 104-110.	1.3	104
255	Comparison of RAPD, RFLP, AFLP and SSR markers for diversity studies in tropical maize inbred lines. Genetics and Molecular Biology, 2004, 27, 579-588.	1.3	162
256	Composition of the Leguminosae (Leguminosae, Papilionoideae, Swartzieae), a re-evaluation based on combined evidence from morphology and molecular data. Taxon, 2004, 53, 1007-1018.	0.7	21
257	Molecular mapping in tropical maize (Zea mays L.) using microsatellite markers. 1. Map construction and localization of loci showing distorted segregation. Hereditas, 2004, 139, 96-106.	1.4	37
258	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, 2004, 139, 107-115.	1.4	77
259	Evaluating genetic relationships between tropical maize inbred lines by means of AFLP profiling. Hereditas, 2004, 140, 24-33.	1.4	26
260	Mapping QTLs for kernel oil content in a tropical maize population. Euphytica, 2004, 137, 251-259.	1.2	43
261	Survey in the sugarcane expressed sequence tag database (SUCEST) for simple sequence repeats. Genome, 2004, 47, 795-804.	2.0	113
262	Expression and purification of a small heat shock protein from the plant pathogen Xylella fastidiosa. Protein Expression and Purification, 2004, 33, 297-303.	1.3	12
263	Cloning, expression, and purification of the virulence-associated protein D from Xylella fastidiosa. Protein Expression and Purification, 2004, 37, 320-326.	1.3	9
264	Genetic-diversity assessed by microsatellites in tropical maize populations submitted to a high-intensity reciprocal recurrent selection. Euphytica, 2003, 134, 277-286.	1.2	31
265	Title is missing!. Euphytica, 2003, 130, 87-99.	1.2	57
266	Expression and purification of a putative H-NS nucleoid-associated protein from the phytopathogen Xylella fastidiosa. Protein Expression and Purification, 2003, 32, 61-67.	1.3	3
267	Reciprocal recurrent selection effects on the genetic structure of tropical maize populations assessed at microsatellite loci. Genetics and Molecular Biology, 2003, 26, 355-364.	1.3	18
268	Analysis of genetic similarity detected by AFLP and coefficient of parentage among genotypes of sugar cane (Saccharum spp.). Theoretical and Applied Genetics, 2002, 104, 30-38.	3.6	141
269	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, 282-290.	1.7	7
270	Marchantia polymorpha mitochondrial orf identifies transcribed sequence in angiosperm mitochondrial genome. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2001, 1520, 203-211.	2.4	3

#	ARTICLE	IF	CITATIONS
271	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
272	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.	27.8	827
273	Mapping analysis of the <i>Xylella fastidiosa</i> genome. <i>Nucleic Acids Research</i> , 2000, 28, 3100-3104.	14.5	18
274	Identification and characterization of the trnS/pseudo-tRNA/nad3/rps12 gene cluster from <i>Coix lacryma-jobi</i> L: organization, transcription and RNA editing. <i>Plant Science</i> , 2000, 158, 97-105.	3.6	5
275	Two genes control aluminum tolerance in maize: Genetic and molecular mapping analyses. <i>Genome</i> , 1999, 42, 475-482.	2.0	58
276	Somaclonal-variation-induced aluminum-sensitive mutant from an aluminum-inbred maize tolerant line. <i>Plant Cell Reports</i> , 1997, 16, 686-691.	5.6	34
277	Genetic distance of inbred lines and prediction of maize single-cross performance using RAPD markers. <i>Theoretical and Applied Genetics</i> , 1997, 94, 1023-1030.	3.6	115
278	RAPD Genomic Fingerprinting Differentiates <i>Thiobacillus ferrooxidans</i> Strains. <i>Systematic and Applied Microbiology</i> , 1996, 19, 91-95.	2.8	22
279	Mapping of a chromosome 15 region involved in limb girdle muscular dystrophy. <i>Human Molecular Genetics</i> , 1994, 3, 285-293.	2.9	59
280	Three dinucleotide markers on chromosome 21. <i>Human Molecular Genetics</i> , 1994, 3, 381-381.	2.9	1
281	Two dinucleotide repeats tightly linked to D12S91. <i>Human Molecular Genetics</i> , 1994, 3, 382-382.	2.9	0
282	Dinucleotide repeat polymorphism at D15S221. <i>Human Molecular Genetics</i> , 1994, 3, 382-382.	2.9	1
283	Targeted Development of Microsatellite Markers from Inter-Alu Amplification of YAC Clones. <i>Genomics</i> , 1994, 19, 391-393.	2.9	13
284	Constitution d'une g��ne destin��e �� l'identification des g��nomes mitochondriaux et recherche de nouvelles s��quences mitochondriales chez les v��g��taux sup��rieurs. <i>Genetics Selection Evolution</i> , 1994, 26, 81s-85s.	3.0	0
285	The higher plant nad5 mitochondrial gene: a conserved discontinuous transcription pattern. <i>Current Genetics</i> , 1992, 22, 75-82.	1.7	5
286	The wheat mitochondrial genome contains an ORF showing sequence homology to the gene encoding the subunit 6 of the NADH-ubiquinone oxidoreductase. <i>Plant Molecular Biology</i> , 1992, 20, 395-404.	3.9	25
287	A trans-Splicing Model for the Expression of the Tripartite nad5 Gene in Wheat and Maize Mitochondria. <i>Plant Cell</i> , 1991, 3, 1363.	6.6	5
288	A trans-splicing model for the expression of the tripartite nad5 gene in wheat and maize mitochondria.. <i>Plant Cell</i> , 1991, 3, 1363-1378.	6.6	92

#	ARTICLE	IF	CITATIONS
289	Host specialization, genetic variability, and differentiation in three species of <i>Tomoplagia</i> from Brazilian rupestrian grasslands. <i>Entomologia Experimentalis Et Applicata</i> , 0, , .	1.4	0
290	SUGARCANE: BREEDING METHODS AND GENETIC MAPPING. , 0, , 333-344.		2
291	In vitro studies of the PilT protein from <i>Xylella fastidiosa</i> twitching motility system. , 0, , .		0
292	Development and characterization of microsatellite markers for genetic studies of a Cerrado ant, <i>Odontomachus chelifer</i> (Formicidae: Ponerinae). , 0, , .		0
293	Development and characterization of microsatellite molecular markers for the investigation of polydomy in a Cerrado savanna ant, <i>Camponotus leydigii</i> ( Formicidae: Formicinae). , 0, , .		0
294	A first draft genome of the Sugarcane borer, <i>Diatraea saccharalis</i> .. F1000Research, 0, 9, 1269.	1.6	4
295	Taxonically Restricted Genes Are Associated With Responses to Biotic and Abiotic Stresses in Sugarcane ( <i>Saccharum</i> spp.). <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	3