

# Anete Pereira Souza

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9015576/publications.pdf>

Version: 2024-02-01

294  
papers

7,796  
citations

70961

41  
h-index

82410

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. <i>Theoretical and Applied Genetics</i> , 2022, 135, 723-739.   | 1.8 | 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  | 1.6 | 9         |
| 3  | Network Analysis Reveals Different Cellulose Degradation Strategies Across <i>Trichoderma harzianum</i> Strains Associated With XYR1 and CRE1. <i>Frontiers in Genetics</i> , 2022, 13, 807243.  | 1.1 | 8         |
| 4  | Differential Adaptive Potential and Vulnerability to Climate-Driven Habitat Loss in Brazilian Mangroves. <i>Frontiers in Conservation Science</i> , 2022, 3, .   | 0.9 | 0         |
| 5  | Population structure and intraspecific ecological niche differentiation point to lineage divergence promoted by polyploidization in <i>Psidium cattleianum</i> (Myrtaceae). <i>Tree Genetics and Genomes</i> , 2022, 18, 1.                                  | 0.6 | 3         |
| 6  | Nitrogen pulses increase fungal pathogens in Amazonian lowland tropical rain forests. <i>Journal of Ecology</i> , 2022, 110, 1775-1789.  | 1.9 | 1         |
| 7  | Testing species hypotheses in the mangrove genus <i>Rhizophora</i> from the Western hemisphere and South Pacific islands. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 248, 106948.   | 0.9 | 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. <i>Biochemical Genetics</i> , 2021, 59, 219-234. | 0.8 | 10        |
| 9  | Microsatellites for the Neotropical ant, <i>Camponotus leydigi</i> (Hymenoptera: Formicidae). <i>Entomological Science</i> , 2021, 24, 79-84.  | 0.3 | 0         |
| 10 | Development of microsatellite markers for the predatory mite <i>Phytoseiulus macropilis</i> and cross-amplification in three other species of phytoseiid mites. <i>Experimental and Applied Acarology</i> , 2021, 83, 1-12.                                  | 0.7 | 2         |
| 11 | Characterization of microsatellite loci for three species of <i>Tomoplagia</i> (Diptera: Tephritidae) and absence of cross-species amplification. <i>Applied Entomology and Zoology</i> , 2021, 56, 125-132.   | 0.6 | 2         |
| 12 | A novel fungal metal-dependent $\beta$ -l-arabinofuranosidase of family 54 glycoside hydrolase shows expanded substrate specificity. <i>Scientific Reports</i> , 2021, 11, 10961.  | 1.6 | 8         |
| 13 | Genetic Variability, Correlation among Agronomic Traits, and Genetic Progress in a Sugarcane Diversity Panel. <i>Agriculture (Switzerland)</i> , 2021, 11, 533.  | 1.4 | 9         |
| 14 | The synergistic actions of hydrolytic genes reveal the mechanism of <i>Trichoderma harzianum</i> for cellulose degradation. <i>Journal of Biotechnology</i> , 2021, 334, 1-10.   | 1.9 | 14        |
| 15 | The Wild Sugarcane and Sorghum Kinomes: Insights Into Expansion, Diversification, and Expression Patterns. <i>Frontiers in Plant Science</i> , 2021, 12, 668623.   | 1.7 | 18        |
| 16 | North-south and climate-landscape-associated pattern of population structure for the Atlantic Forest White Morpho butterflies. <i>Molecular Phylogenetics and Evolution</i> , 2021, 161, 107157.   | 1.2 | 4         |
| 17 | Genome-wide approaches for the identification of markers and genes associated with sugarcane yellow leaf virus resistance. <i>Scientific Reports</i> , 2021, 11, 15730.  | 1.6 | 21        |
| 18 | Geographical and environmental contributions to genomic divergence in mangrove forests. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 573-589.   | 0.7 | 10        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 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.   | 1.7 | 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.  | 1.1 | 3         |
| 21 | Unravelling Rubber Tree Growth by Integrating GWAS and Biological Network-Based Approaches. <i>Frontiers in Plant Science</i> , 2021, 12, 768589.  | 1.7 | 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.  | 1.7 | 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.   | 1.7 | 1         |
| 24 | Molecular responses to freshwater limitation in the mangrove tree <i>Avicennia germinans</i> (Acanthaceae). <i>Molecular Ecology</i> , 2020, 29, 344-362.  | 2.0 | 12        |
| 25 | Genetic structure and molecular diversity of Brazilian grapevine germplasm: Management and use in breeding programs. <i>PLoS ONE</i> , 2020, 15, e0240665.   | 1.1 | 14        |
| 26 | Microsatellites for the Neotropical Ant, <i>Odontomachus chelifer</i> (Hymenoptera: Formicidae). <i>Journal of Insect Science</i> , 2020, 20, .  | 0.6 | 3         |
| 27 | Machine learning approaches reveal genomic regions associated with sugarcane brown rust resistance. <i>Scientific Reports</i> , 2020, 10, 20057.   | 1.6 | 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.                        | 1.2 | 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.                        | 1.0 | 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.  | 1.8 | 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. | 0.5 | 1         |
| 32 | High-Resolution Linkage Map With Allele Dosage Allows the Identification of Regions Governing Complex Traits and Apospory in Guinea Grass ( <i>Megathyrus maximus</i> ). <i>Frontiers in Plant Science</i> , 2020, 11, 15.                         | 1.7 | 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.   | 1.5 | 9         |
| 34 | Coexpression and Transcriptome analyses identify active Apomixis-related genes in <i>Paspalum notatum</i> leaves. <i>BMC Genomics</i> , 2020, 21, 78.  | 1.2 | 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  | 1.1 | 54        |
| 36 | Deep expression analysis reveals distinct cold-response strategies in rubber tree ( <i>Hevea brasiliensis</i> ). <i>BMC Genomics</i> , 2019, 20, 455.  | 1.2 | 19        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 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.  | 1.0 | 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.  | 1.7 | 23        |
| 39 | Elucidating the <i>Clusia criuva</i> species "complex": cryptic taxa can exhibit great genetic and geographical variation. <i>Botanical Journal of the Linnean Society</i> , 2019, 190, 67-82.  | 0.8 | 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.   | 1.7 | 32        |
| 41 | An engineered GH1 $\beta$ -glucosidase displays enhanced glucose tolerance and increased sugar release from lignocellulosic materials. <i>Scientific Reports</i> , 2019, 9, 4903.   | 1.6 | 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.  | 2.7 | 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.  | 1.6 | 19        |
| 44 | Genomic Selection in Rubber Tree Breeding: A Comparison of Models and Methods for Managing G $\times$ E Interactions. <i>Frontiers in Plant Science</i> , 2019, 10, 1353.   | 1.7 | 28        |
| 45 | Solubilization, Folding, and Purification of a Recombinant Peptidoglycan-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.   | 0.8 | 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.   | 1.4 | 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.   | 1.6 | 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. | 0.4 | 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.   | 1.7 | 15        |
| 51 | Genetic diversity of reintroduced tree populations in restoration plantations of the Brazilian Atlantic Forest. <i>Restoration Ecology</i> , 2018, 26, 694-701.   | 1.4 | 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.  | 1.3 | 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.  | 0.6 | 22        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 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.   | 1.7 | 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.   | 1.6 | 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.  | 0.8 | 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.  | 1.7 | 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.   | 1.7 | 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. ( <i>Apocynaceae</i> ) species complex. <i>Revista Brasileira De Botanica</i> , 2018, 41, 681-686.  | 0.5 | 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.   | 1.7 | 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.  | 0.3 | 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.   | 1.1 | 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.  | 1.2 | 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.  | 1.7 | 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.   | 1.2 | 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.  | 0.4 | 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.   | 4.5 | 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. | 1.5 | 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.  | 1.9 | 29        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Restriction site associated <sc>DNA</sc> (<sc>RAD</sc>) for de novo sequencing and marker discovery in sugarcane borer, <i>Diatraea saccharalis</i> Fab. (Lepidoptera: Crambidae). Molecular Ecology Resources, 2017, 17, 454-465.  | 2.2 | 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.   | 1.1 | 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.   | 1.2 | 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, .  | 0.3 | 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.  | 0.1 | 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.   | 1.5 | 20        |
| 79 | In vitro Determination of Extracellular Proteins from <i>Xylella fastidiosa</i> . Frontiers in Microbiology, 2016, 7, 2090.   | 1.5 | 15        |
| 80 | Pollen contamination and nonrandom mating in a <i>Eucalyptus camaldulensis</i> Dehnh seedling seed orchard. Silvae Genetica, 2016, 65, 1-11.  | 0.4 | 13        |
| 81 | Mixed Modeling of Yield Components and Brown Rust Resistance in Sugarcane Families. Agronomy Journal, 2016, 108, 1824-1837.   | 0.9 | 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.  | 0.6 | 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. | 1.0 | 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.   | 1.0 | 22        |
| 85 | QTL mapping including codominant SNP markers with ploidy level information in a sugarcane progeny. Euphytica, 2016, 211, 1-16.  | 0.6 | 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.  | 1.2 | 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.   | 0.6 | 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.  | 0.6 | 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.  | 0.8 | 9         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | The Genetic Diversity, Conservation, and Use of Passion Fruit ( <i>Passiflora</i> spp.). Sustainable Development and Biodiversity, 2016, , 215-231.   | 1.4 | 22        |
| 92  | Evidence of Allopolyploidy in <i>Urochloa humidicola</i> Based on Cytological Analysis and Genetic Linkage Mapping. PLoS ONE, 2016, 11, e0153764.   | 1.1 | 39        |
| 93  | Elevation as a barrier: genetic structure for an <i>A</i> tlantic rain forest tree ( <i>B</i> athysa australis) in the <i>S</i> erra do <i>M</i> ar mountain range, <i>SE</i> Brazil. Ecology and Evolution, 2015, 5, 1919-1931.  | 0.8 | 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.   | 1.1 | 71        |
| 95  | Analysis of Genomic Regions of <i>Trichoderma harzianum</i> IOC-3844 Related to Biomass Degradation. PLoS ONE, 2015, 10, e0122122.  | 1.1 | 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.  | 1.1 | 32        |
| 97  | VapD in <i>Xylella fastidiosa</i> Is a Thermostable Protein with Ribonuclease Activity. PLoS ONE, 2015, 10, e0145765.   | 1.1 | 8         |
| 98  | Identification of oxidoreductases from the petroleum <i>Bacillus safensis</i> strain. Biotechnology Reports (Amsterdam, Netherlands), 2015, 8, 152-159.   | 2.1 | 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.  | 0.4 | 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.  | 0.6 | 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. | 1.1 | 12        |
| 102 | Detection of genetic resistance to cocoa black pod disease caused by three <i>Phytophthora</i> species. Euphytica, 2015, 206, 677-687.  | 0.6 | 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.  | 0.6 | 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.  | 0.6 | 8         |
| 106 | Development and Characterization of Microsatellite Markers for <i>Piptadenia gonoacantha</i> (Fabaceae). Applications in Plant Sciences, 2015, 3, 1400107.  | 0.8 | 1         |
| 107 | Microsatellite Markers for Studies with the Carnivorous Plant <i>Philcoxia minensis</i> (Plantaginaceae). Applications in Plant Sciences, 2015, 3, 1500035.   | 0.8 | 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.   | 1.0 | 19        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Marker-trait association and epistasis for brown rust resistance in sugarcane. <i>Euphytica</i> , 2015, 203, 533-547.   | 0.6 | 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.  | 1.1 | 15        |
| 111 | De Novo Assembly and Transcriptome Analysis of Contrasting Sugarcane Varieties. <i>PLoS ONE</i> , 2014, 9, e88462.  | 1.1 | 129       |
| 112 | New Hydrocarbon Degradation Pathways in the Microbial Metagenome from Brazilian Petroleum Reservoirs. <i>PLoS ONE</i> , 2014, 9, e90087.  | 1.1 | 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.   | 0.3 | 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.   | 0.3 | 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.   | 0.3 | 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.   | 1.8 | 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.   | 1.8 | 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.  | 1.9 | 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.  | 0.8 | 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.   | 1.1 | 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.   | 0.8 | 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.   | 0.8 | 14        |
| 123 | Development and Characterization of 32 Microsatellite Loci in <i>Genipa americana</i> (Rubiaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1300084.  | 0.8 | 7         |
| 124 | Building the sugarcane genome for biotechnology and identifying evolutionary trends. <i>BMC Genomics</i> , 2014, 15, 540.   | 1.2 | 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 Chaquenan areas under anthropization in South America. <i>BMC Research Notes</i> , 2014, 7, 375. | 0.6 | 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.  | 1.7 | 5         |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 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. | 1.0 | 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.  | 0.9 | 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.  | 1.1 | 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.   | 1.1 | 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.   | 1.1 | 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.   | 0.3 | 1         |
| 134 | Isolation and characterization of microsatellite markers in <i>Rhaphiodon vulpinus</i> (Cynodontidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Resources</i> , 2013, 5, 1175-1177.   | 0.4 | 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.   | 1.1 | 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.  | 1.3 | 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.   | 1.4 | 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.   | 0.6 | 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.  | 0.3 | 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.  | 0.4 | 2         |
| 142 | Development of microsatellite loci for the fish <i>Poecilia vivipara</i> (Cyprinodontiformes: Poeciliidae). <i>Conservation Genetics Resources</i> , 2013, 6, 383.   | 0.4 | 0         |
| 143 | Phylogeny and biogeography of the genus <i>Zornia</i> (Leguminosae: Papilionoideae: Dalbergieae). <i>Taxon</i> , 2013, 62, 723-732.  | 0.4 | 21        |
| 144 | Characterization of 10 Microsatellite Loci for <i>Bathysa australis</i> (Rubiaceae). <i>Applications in Plant Sciences</i> , 2013, 1, 1300055.   | 0.8 | 1         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | SNP genotyping allows an in-depth characterisation of the genome of sugarcane and other complex autopolyploids. <i>Scientific Reports</i> , 2013, 3, 3399.   | 1.6 | 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. <i>PLoS ONE</i> , 2013, 8, e61238.   | 1.1 | 72        |
| 147 | De Novo Transcriptome Assembly for the Tropical Grass <i>Panicum maximum</i> Jacq. <i>PLoS ONE</i> , 2013, 8, e70781.  | 1.1 | 32        |
| 148 | Molecular genetic variability, population structure and mating system in tropical forages. <i>Tropical Grasslands - Forrajes Tropicales</i> , 2013, 1, 25.   | 0.1 | 11        |
| 149 | Identification of <i>Stylosanthes guianensis</i> varieties using molecular genetic analysis. <i>AoB PLANTS</i> , 2012, 2012, pls001.   | 1.2 | 13        |
| 150 | Development and characterization of nine microsatellite loci for <i>Sisyrinchium micranthum</i> (Iridaceae). <i>American Journal of Botany</i> , 2012, 99, e402-4.   | 0.8 | 2         |
| 151 | Development and characterization of microsatellite markers for the wild South American <i>Passiflora cincinnata</i> (Passifloraceae). <i>American Journal of Botany</i> , 2012, 99, e170-2.  | 0.8 | 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> . <i>FEBS Journal</i> , 2012, 279, 3828-3843.                                 | 2.2 | 3         |
| 153 | Molecular diversity, genetic structure and mating system of <i>Calopogonium mucunoides</i> Desv.. <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 1449-1464.   | 0.8 | 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> . <i>Protein Expression and Purification</i> , 2012, 82, 284-289. | 0.6 | 18        |
| 155 | Structural characterization of the H-NS protein from <i>Xylella fastidiosa</i> and its interaction with DNA. <i>Archives of Biochemistry and Biophysics</i> , 2012, 526, 22-28.  | 1.4 | 4         |
| 156 | Highly-sensitive and label-free indium phosphide biosensor for early phytopathogen diagnosis. <i>Biosensors and Bioelectronics</i> , 2012, 36, 62-68.  | 5.3 | 21        |
| 157 | A novel linkage map of sugarcane with evidence for clustering of retrotransposon-based markers. <i>BMC Genetics</i> , 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. <i>BMC Research Notes</i> , 2012, 5, 329.  | 0.6 | 31        |
| 159 | Using genetic diversity information to establish core collections of <i>Stylosanthes capitata</i> and <i>Stylosanthes macrocephala</i> . <i>Genetics and Molecular Biology</i> , 2012, 35, 847-861.  | 0.6 | 12        |
| 160 | Isolation and characterization of microsatellites from <i>Scaptotrigona xanthotricha</i> (Apidae). <i>Trends in Plant Science</i> , 2012, 17, 101-103.   | 0.9 | 3         |
| 161 | New polymorphic microsatellite loci for <i>Theobroma cacao</i> : isolation and characterization of microsatellites from enriched genomic libraries. <i>Biologia Plantarum</i> , 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. <i>Insect Molecular Biology</i> , 2012, 21, 89-95.                  | 1.0 | 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.   | 4.8 | 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.  | 1.8 | 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.                        | 0.6 | 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.  | 2.2 | 24        |
| 170 | Genetic diversity in cultivated carioca common beans based on molecular marker analysis. <i>Genetics and Molecular Biology</i> , 2011, 34, 88-102.  | 0.6 | 32        |
| 171 | Phylogeographic studies of Brazilian <i>œcampo-rupestre</i> species: <i>Wunderlichia mirabilis</i> Riedel ex Baker (Asteraceae). <i>Biotemas</i> , 2011, 22, 17.  | 0.2 | 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.   | 0.3 | 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.   | 0.6 | 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.   | 1.0 | 8         |
| 175 | Functional markers for gene mapping and genetic diversity studies in sugarcane. <i>BMC Research Notes</i> , 2011, 4, 264.   | 0.6 | 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.  | 0.6 | 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.  | 0.6 | 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.                        | 0.6 | 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.   | 1.0 | 33        |
| 180 | Genetic Diversity and Population Structure of the <i>Brachiaria brizantha</i> Germplasm. <i>Tropical Plant Biology</i> , 2011, 4, 157-169.  | 1.0 | 27        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 181 | Molecular Diversity and Genetic Structure of Guinea grass ( <i>Panicum maximum</i> Jacq.), a Tropical Pasture Grass. <i>Tropical Plant Biology</i> , 2011, 4, 185-202.   | 1.0 | 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.                                 | 0.4 | 11        |
| 183 | Identification of microsatellite loci in <i>Pinus tecunumanii</i> . <i>BMC Proceedings</i> , 2011, 5, P1.  | 1.8 | 1         |
| 184 | Development of microsatellite molecular markers and genetic diversity in <i>Hevea Braziliensis</i> . <i>BMC Proceedings</i> , 2011, 5, .   | 1.8 | 1         |
| 185 | Development of microsatellite markers for <i>Pinus maximinoides</i> derived from microsatellite-enriched libraries. <i>BMC Proceedings</i> , 2011, 5, .  | 1.8 | 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, .   | 1.8 | 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.   | 0.8 | 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.   | 0.4 | 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.                                   | 0.4 | 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.                             | 0.4 | 5         |
| 191 | The Biotechnology Roadmap for Sugarcane Improvement. <i>Tropical Plant Biology</i> , 2010, 3, 75-87.   | 1.0 | 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.                           | 0.6 | 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.   | 0.8 | 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.   | 0.8 | 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.   | 1.4 | 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. | 0.9 | 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.   | 0.6 | 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.   | 2.2 | 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.   | 0.8 | 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.  | 0.8 | 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.   | 0.8 | 15        |
| 203 | Isolation and characterization of microsatellite loci in <i>Paspalum notatum</i> FlÃ¼ggÃ© (Poaceae). <i>Conservation Genetics</i> , 2009, 10, 1977-1980.   | 0.8 | 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.  | 0.5 | 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.   | 0.4 | 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.  | 0.4 | 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.   | 0.4 | 18        |
| 208 | Development and characterization of microsatellite markers in <i>Astronotus crassipinis</i> (Heckel, 1840). <i>Conservation Genetics Resources</i> , 2009, 1, 277-280.   | 0.4 | 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.                           | 0.4 | 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.  | 0.4 | 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. | 0.4 | 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.                                   | 0.4 | 8         |
| 213 | Development of microsatellite markers for <i>Brachiaria humidicola</i> (Rendle) Schweick. <i>Conservation Genetics Resources</i> , 2009, 1, 475-479.   | 0.4 | 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.  | 0.4 | 9         |
| 215 | Microsatellite loci for an endemic stingless bee <i>Melipona seminigra</i> Merrillae (Apidae, Meliponini) from Amazon. <i>Conservation Genetics Resources</i> , 2009, 1, 487-490.  | 0.4 | 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.   | 1.8 | 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.                                    | 2.2 | 6         |
| 218 | Development and characterization of microsatellite markers for turmeric ( <i>Curcuma longa</i> ). Plant Breeding, 2009, 129, 570.   | 1.0 | 16        |
| 219 | Structural and kinetic characterization of a maize aldose reductase. Plant Physiology and Biochemistry, 2009, 47, 98-104.   | 2.8 | 17        |
| 220 | Characterization of new polymorphic functional markers for sugarcane. Genome, 2009, 52, 191-209.  | 0.9 | 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.  | 0.4 | 37        |
| 222 | Isolation and characterization of microsatellite loci in tropical forage <i>Stylosanthes capitata</i> Vogel. Molecular Ecology Resources, 2009, 9, 192-194.   | 2.2 | 12        |
| 223 | Biophysical Studies Of The Hn-s Protein From <i>Xylella fastidiosa</i> And Dna. Biophysical Journal, 2009, 96, 410a.  | 0.2 | 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, .   | 0.5 | 1         |
| 227 | Genetic analysis of forest species <i>Eugenia uniflora</i> L. through of newly developed SSR markers. Conservation Genetics, 2008, 9, 1281-1285.  | 0.8 | 18        |
| 228 | Isolation and characterization of microsatellite loci in the Brazilian orchid <i>Epidendrum fulgens</i> . Conservation Genetics, 2008, 9, 1661-1663.  | 0.8 | 18        |
| 229 | QTL mapping for yield components in a tropical maize population using microsatellite markers. Hereditas, 2008, 145, 194-203.  | 0.5 | 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. | 2.2 | 30        |
| 231 | Isolation and characterization of microsatellite markers in <i>Acca sellowiana</i> (Berg) Burret. Molecular Ecology Resources, 2008, 8, 998-1000.   | 2.2 | 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.   | 2.2 | 13        |
| 233 | Isolation and characterization of microsatellite markers in <i>Acca sellowiana</i> (Berg) Burret. Molecular Ecology Resources, 2008, 8, 1417-1419.  | 2.2 | 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.  | 1.4 | 26        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 235 | New microsatellite markers developed from an enriched microsatellite common bean library. <i>Pesquisa Agropecuaria Brasileira</i> , 2008, 43, 929-936.  | 0.9 | 9         |
| 236 | Capacidade combinatória, divergência genética entre linhagens de milho e correlação com heterose. <i>Bragantia</i> , 2008, 67, 639-648.   | 1.3 | 12        |
| 237 | Development of Microsatellite Markers for <i>Brachiaria brizantha</i> 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> . <i>Plant Breeding</i> , 2007, 126, 323-328.   | 1.0 | 9         |
| 239 | Development, characterization, and comparative analysis of polymorphism at common bean SSR loci isolated from genic and genomic sources. <i>Genome</i> , 2007, 50, 266-277.   | 0.9 | 85        |
| 240 | PCR-RFLP analysis of non-coding regions of cpDNA in <i>Araucaria angustifolia</i> (Bert.) O. Kuntze. <i>Genetics and Molecular Biology</i> , 2007, 30, 423-427.   | 0.6 | 14        |
| 241 | Microsatellites for genetic studies and breeding programs in common bean. <i>Pesquisa Agropecuaria Brasileira</i> , 2007, 42, 589-592.  | 0.9 | 17        |
| 242 | Correlação da heterose de híbridos de milho com divergência genética entre linhagens. <i>Pesquisa Agropecuaria Brasileira</i> , 2007, 42, 811-816.  | 0.9 | 17        |
| 243 | OneMap: software for genetic mapping in outcrossing species. <i>Hereditas</i> , 2007, 144, 78-79.   | 0.5 | 326       |
| 244 | Functional integrated genetic linkage map based on EST-markers for a sugarcane ( <i>Saccharum</i> spp.) commercial cross. <i>Molecular Breeding</i> , 2007, 20, 189-208.  | 1.0 | 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. <i>Genetic Resources and Crop Evolution</i> , 2007, 54, 1747-1762.          | 0.8 | 65        |
| 246 | A new member of the aldo-keto reductase family from the plant pathogen <i>Xylella fastidiosa</i> . <i>Archives of Biochemistry and Biophysics</i> , 2006, 453, 143-150.   | 1.4 | 8         |
| 247 | Characterization of novel sugarcane expressed sequence tag microsatellites and their comparison with genomic SSRs. <i>Plant Breeding</i> , 2006, 125, 378-384.  | 1.0 | 84        |
| 248 | Mapping QTL for Grain Yield and Plant Traits in a Tropical Maize Population. <i>Molecular Breeding</i> , 2006, 17, 227-239.   | 1.0 | 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. <i>Theoretical and Applied Genetics</i> , 2006, 112, 298-314. | 1.8 | 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.. <i>Genetics and Molecular Biology</i> , 2006, 29, 83-89.                | 0.6 | 3         |
| 251 | Tropical maize germplasm: what can we say about its genetic diversity in the light of molecular markers?. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1288-1299.   | 1.8 | 69        |
| 252 | Microsatellite-assisted backcross selection in maize. <i>Genetics and Molecular Biology</i> , 2005, 28, 789-797.  | 0.6 | 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. <i>Revista Brasileira De Botanica</i> , 2005, 28, 277-283.                | 0.5 | 4         |
| 254 | Comparison of similarity coefficients used for cluster analysis with dominant markers in maize ( <i>Zea mays</i> L.). <i>Overlook</i> , 2004, 10, 104-110.  | 0.6 | 104       |
| 255 | Comparison of RAPD, RFLP, AFLP and SSR markers for diversity studies in tropical maize inbred lines. <i>Genetics and Molecular Biology</i> , 2004, 27, 579-588.   | 0.6 | 162       |
| 256 | Composition of the Lecontea clade (Leguminosae, Papilionoideae, Swartzieae), a reevaluation based on combined evidence from morphology and molecular data. <i>Taxon</i> , 2004, 53, 1007-1018.                                  | 0.4 | 21        |
| 257 | Molecular mapping in tropical maize ( <i>Zea mays</i> L.) using microsatellite markers. 1. Map construction and localization of loci showing distorted segregation. <i>Hereditas</i> , 2004, 139, 96-106.                       | 0.5 | 37        |
| 258 | Molecular mapping in tropical maize ( <i>Zea mays</i> L.) using microsatellite markers. 2. Quantitative trait loci (QTL) for grain yield, plant height, ear height and grain moisture. <i>Hereditas</i> , 2004, 139, 107-115.   | 0.5 | 77        |
| 259 | Evaluating genetic relationships between tropical maize inbred lines by means of AFLP profiling. <i>Hereditas</i> , 2004, 140, 24-33.   | 0.5 | 26        |
| 260 | Mapping QTLs for kernel oil content in a tropical maize population. <i>Euphytica</i> , 2004, 137, 251-259.  | 0.6 | 43        |
| 261 | Survey in the sugarcane expressed sequence tag database (SUCEST) for simple sequence repeats. <i>Genome</i> , 2004, 47, 795-804.  | 0.9 | 113       |
| 262 | Expression and purification of a small heat shock protein from the plant pathogen <i>Xylella fastidiosa</i> . <i>Protein Expression and Purification</i> , 2004, 33, 297-303.   | 0.6 | 12        |
| 263 | Cloning, expression, and purification of the virulence-associated protein D from <i>Xylella fastidiosa</i> . <i>Protein Expression and Purification</i> , 2004, 37, 320-326.  | 0.6 | 9         |
| 264 | Genetic diversity assessed by microsatellites in tropical maize populations submitted to a high-intensity reciprocal recurrent selection. <i>Euphytica</i> , 2003, 134, 277-286.  | 0.6 | 31        |
| 265 | Title is missing!. <i>Euphytica</i> , 2003, 130, 87-99.   | 0.6 | 57        |
| 266 | Expression and purification of a putative H-NS nucleoid-associated protein from the phytopathogen <i>Xylella fastidiosa</i> . <i>Protein Expression and Purification</i> , 2003, 32, 61-67.                                     | 0.6 | 3         |
| 267 | Reciprocal recurrent selection effects on the genetic structure of tropical maize populations assessed at microsatellite loci. <i>Genetics and Molecular Biology</i> , 2003, 26, 355-364.                                       | 0.6 | 18        |
| 268 | Analysis of genetic similarity detected by AFLP and coefficient of parentage among genotypes of sugar cane ( <i>Saccharum</i> spp.). <i>Theoretical and Applied Genetics</i> , 2002, 104, 30-38.                                | 1.8 | 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. <i>Current Genetics</i> , 2002, 41, 282-290. | 0.8 | 7         |
| 270 | <i>Marchantia polymorpha</i> mitochondrial orf identifies transcribed sequence in angiosperm mitochondrial genome. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 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.  | 1.0  | 70        |
| 272 | The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.  | 13.7 | 827       |
| 273 | Mapping analysis of the <i>Xylella fastidiosa</i> genome. <i>Nucleic Acids Research</i> , 2000, 28, 3100-3104.   | 6.5  | 18        |
| 274 | Identification and characterization of the <i>trnS/pseudo-tRNA/nad3/rps12</i> gene cluster from <i>Coix lacryma-jobi</i> L: organization, transcription and RNA editing. <i>Plant Science</i> , 2000, 158, 97-105. | 1.7  | 5         |
| 275 | Two genes control aluminum tolerance in maize: Genetic and molecular mapping analyses. <i>Genome</i> , 1999, 42, 475-482.  | 0.9  | 58        |
| 276 | Somaclonal-variation-induced aluminum-sensitive mutant from an aluminum-inbred maize tolerant line. <i>Plant Cell Reports</i> , 1997, 16, 686-691.   | 2.8  | 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.   | 1.8  | 115       |
| 278 | RAPD Genomic Fingerprinting Differentiates <i>Thiobacillus ferrooxidans</i> Strains. <i>Systematic and Applied Microbiology</i> , 1996, 19, 91-95.   | 1.2  | 22        |
| 279 | Mapping of a chromosome 15 region involved in limb girdle muscular dystrophy. <i>Human Molecular Genetics</i> , 1994, 3, 285-293.  | 1.4  | 59        |
| 280 | Three dinucleotide markers on chromosome 21. <i>Human Molecular Genetics</i> , 1994, 3, 381-381.   | 1.4  | 1         |
| 281 | Two dinucleotide repeats tightly linked to D12S91. <i>Human Molecular Genetics</i> , 1994, 3, 382-382.   | 1.4  | 0         |
| 282 | Dinucleotide repeat polymorphism at D15S221. <i>Human Molecular Genetics</i> , 1994, 3, 382-382.   | 1.4  | 1         |
| 283 | Targeted Development of Microsatellite Markers from Inter-Alu Amplification of YAC Clones. <i>Genomics</i> , 1994, 19, 391-393.  | 1.3  | 13        |
| 284 | The higher plant <i>nad5</i> mitochondrial gene: a conserved discontinuous transcription pattern. <i>Current Genetics</i> , 1992, 22, 75-82.   | 0.8  | 5         |
| 285 | 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.             | 2.0  | 25        |
| 286 | A trans-Splicing Model for the Expression of the Tripartite <i>nad5</i> Gene in Wheat and Maize Mitochondria. <i>Plant Cell</i> , 1991, 3, 1363.   | 3.1  | 5         |
| 287 | A trans-splicing model for the expression of the tripartite <i>nad5</i> gene in wheat and maize mitochondria.. <i>Plant Cell</i> , 1991, 3, 1363-1378.   | 3.1  | 92        |
| 288 | Host specialization, genetic variability, and differentiation in three species of <i>Tomoplagia</i> from Brazilian rupestrian grasslands. <i>Entomologia Experimentalis Et Applicata</i> , 0, , .                  | 0.7  | 0         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 289 | SUGARCANE: BREEDING METHODS AND GENETIC MAPPING. , 0, , 333-344.   |     | 2         |
| 290 | In vitro studies of the PilT protein from <i>Xylella fastidiosa</i> twitching motility system. , 0, , .  |     | 0         |
| 291 | Development and characterization of microsatellite markers for genetic studies of a Cerrado ant, <i>Odontomachus chelifer</i> (Formicidae: Ponerinae). , 0, , .                                |     | 0         |
| 292 | Development and characterization of microsatellite molecular markers for the investigation of polydomy in a Cerrado savanna ant, <i>Camponotus leydigi</i> ( Formicidae: Formicinae). , 0, , . |     | 0         |
| 293 | A first draft genome of the Sugarcane borer, <i>Diatraea saccharalis</i> .. F1000Research, 0, 9, 1269.   | 0.8 | 4         |
| 294 | Taxonomically 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, .                | 1.7 | 3         |