

Anete Pereira Souza

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

289
papers

5,755
citations

38
h-index

64
g-index

330
ext. papers

6,988
ext. citations

3.5
avg, IF

5.34
L-index

#	Paper	IF	Citations
289	Selective signatures and high genome-wide diversity in traditional Brazilian manioc (<i>Manihot esculenta</i> Crantz) varieties.. <i>Scientific Reports</i> , 2022 , 12, 1268	4.9	2
288	Network Analysis Reveals Different Cellulose Degradation Strategies Across Strains Associated With XYR1 and CRE1.. <i>Frontiers in Genetics</i> , 2022 , 13, 807243	4.5	1
287	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	2.1	1
286	Genomic prediction with allele dosage information in highly polyploid species. <i>Theoretical and Applied Genetics</i> , 2021 , 1	6	0
285	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	6.2	1
284	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	2.8	0
283	A novel fungal metal-dependent β -L-arabinofuranosidase of family 54 glycoside hydrolase shows expanded substrate specificity. <i>Scientific Reports</i> , 2021 , 11, 10961	4.9	0
282	Genetic Variability, Correlation among Agronomic Traits, and Genetic Progress in a Sugarcane Diversity Panel. <i>Agriculture (Switzerland)</i> , 2021 , 11, 533	3	3
281	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	3.7	5
280	The Wild Sugarcane and Sorghum Kinomes: Insights Into Expansion, Diversification, and Expression Patterns. <i>Frontiers in Plant Science</i> , 2021 , 12, 668623	6.2	3
279	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	2.9	1
278	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	2.4	6
277	Microsatellites for the Neotropical ant, <i>Camponotus leydigi</i> (Hymenoptera: Formicidae). <i>Entomological Science</i> , 2021 , 24, 79-84	1.1	
276	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	2.1	2
275	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	1.5	1
274	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	4.1	2
273	Genome-wide approaches for the identification of markers and genes associated with sugarcane yellow leaf virus resistance. <i>Scientific Reports</i> , 2021 , 11, 15730	4.9	3

272	Geographical and environmental contributions to genomic divergence in mangrove forests. <i>Biological Journal of the Linnean Society</i> , 2021 , 132, 573-589	1.9	3
271	Unravelling Rubber Tree Growth by Integrating GWAS and Biological Network-Based Approaches.. <i>Frontiers in Plant Science</i> , 2021 , 12, 768589	6.2	0
270	An Overview of the Genetics and Genomics of the Species Most Commonly Used in Pastures.. <i>Frontiers in Plant Science</i> , 2021 , 12, 770461	6.2	2
269	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	6.2	
268	"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	4.5	2
267	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	2.4	1
266	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	3.7	1
265	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	1.2	1
264	High-Resolution Linkage Map With Allele Dosage Allows the Identification of Regions Governing Complex Traits and Apospory in Guinea Grass (). <i>Frontiers in Plant Science</i> , 2020 , 11, 15	6.2	4
263	A population genomics appraisal suggests independent dispersals for bitter and sweet manioc in Brazilian Amazonia. <i>Evolutionary Applications</i> , 2020 , 13, 342-361	4.8	2
262	Coexpression and Transcriptome analyses identify active Apomixis-related genes in <i>Paspalum notatum</i> leaves. <i>BMC Genomics</i> , 2020 , 21, 78	4.5	9
261	Molecular responses to freshwater limitation in the mangrove tree <i>Avicennia germinans</i> (Acanthaceae). <i>Molecular Ecology</i> , 2020 , 29, 344-362	5.7	7
260	Genetic structure and molecular diversity of Brazilian grapevine germplasm: Management and use in breeding programs. <i>PLoS ONE</i> , 2020 , 15, e0240665	3.7	3
259	Machine learning approaches reveal genomic regions associated with sugarcane brown rust resistance. <i>Scientific Reports</i> , 2020 , 10, 20057	4.9	6
258	Deep expression analysis reveals distinct cold-response strategies in rubber tree (<i>Hevea brasiliensis</i>). <i>BMC Genomics</i> , 2019 , 20, 455	4.5	11
257	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	1.6	1
256	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	6.2	13
255	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	2.2	4

254	Genetic Mapping With Allele Dosage Information in Tetraploid (Stapf) R. D. Webster Reveals Insights Into Spittlebug (Berg) Resistance. <i>Frontiers in Plant Science</i> , 2019 , 10, 92	6.2	11
253	An engineered GH1 β glucosidase displays enhanced glucose tolerance and increased sugar release from lignocellulosic materials. <i>Scientific Reports</i> , 2019 , 9, 4903	4.9	24
252	A genome-wide association study identified loci for yield component traits in sugarcane (<i>Saccharum</i> spp.). <i>PLoS ONE</i> , 2019 , 14, e0219843	3.7	34
251	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	6.1	12
250	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	4.9	11
249	Genomic Selection in Rubber Tree Breeding: A Comparison of Models and Methods for Managing GE Interactions. <i>Frontiers in Plant Science</i> , 2019 , 10, 1353	6.2	19
248	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	3.1	3
247	Population genetic structure, introgression, and hybridization in the genus along the Brazilian coast. <i>Ecology and Evolution</i> , 2018 , 8, 3491-3504	2.8	22
246	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	3.9	6
245	Network of proteins, enzymes and genes linked to biomass degradation shared by <i>Trichoderma</i> species. <i>Scientific Reports</i> , 2018 , 8, 1341	4.9	19
244	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	1	1
243	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	5.6	11
242	Genetic structure of two 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	2.8	6
241	"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	6.2	9
240	Linkage Disequilibrium and Population Structure in Wild and Cultivated Populations of Rubber Tree (<i>Hevea</i>). <i>Frontiers in Plant Science</i> , 2018 , 9, 815	6.2	10
239	Passion Fruit (<i>Passiflora</i> spp.) Breeding 2018 , 929-951		0
238	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	1.2	0
237	High-Resolution Genetic Map and QTL Analysis of Growth-Related Traits of Cultivated Under Suboptimal Temperature and Humidity Conditions. <i>Frontiers in Plant Science</i> , 2018 , 9, 1255	6.2	19

236	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	1.2	2
235	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	3.7	5
234	Genetic diversity of reintroduced tree populations in restoration plantations of the Brazilian Atlantic Forest. <i>Restoration Ecology</i> , 2018 , 26, 694-701	3.1	17
233	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	0.7	5
232	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	4.8	3
231	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	2.1	13
230	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	6.2	6
229	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	5.3	15
228	Population genetic analysis of <i>Giardia duodenalis</i> : genetic diversity and haplotype sharing between clinical and environmental sources. <i>MicrobiologyOpen</i> , 2017 , 6, e00424	3.4	8
227	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	4.4	16
226	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	4.5	64
225	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	1.1	7
224	New Developments in Sugarcane Genetics and Genomics 2017 , 159-174		2
223	Carbohydrate-active enzymes in <i>Trichoderma harzianum</i> : a bioinformatic analysis bioprospecting for key enzymes for the biofuels industry. <i>BMC Genomics</i> , 2017 , 18, 779	4.5	26
222	InP Nanowire Biosensor with Tailored Biofunctionalization: Ultrasensitive and Highly Selective Disease Biomarker Detection. <i>Nano Letters</i> , 2017 , 17, 5938-5949	11.5	73
221	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	4.2	
220	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	6.4	24
219	Restriction site associated DNA (RAD) for de novo sequencing and marker discovery in sugarcane borer, <i>Diatraea saccharalis</i> Fab. (Lepidoptera: Crambidae). <i>Molecular Ecology Resources</i> , 2017 , 17, 454-465	8.4	4

218	Analysis of Three Sugarcane Homo/Homeologous Regions Suggests Independent Polyploidization Events of <i>Saccharum officinarum</i> and <i>Saccharum spontaneum</i> . <i>Genome Biology and Evolution</i> , 2017 , 9, 266-278	3.9	15
217	Three ways to distinguish species: using behavioural, ecological, and molecular data to tell apart two closely related ants, <i>Camponotus renggeri</i> and <i>Camponotus rufipes</i> (Hymenoptera: Formicidae). <i>Zoological Journal of the Linnean Society</i> , 2016 , 176, 170-181	2.4	15
216	Development of single nucleotide polymorphism markers in the large and complex rubber tree genome using next-generation sequence data. <i>Molecular Breeding</i> , 2016 , 36, 1	3.4	13
215	QTL mapping including codominant SNP markers with ploidy level information in a sugarcane progeny. <i>Euphytica</i> , 2016 , 211, 1-16	2.1	21
214	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. <i>BMC Genomics</i> , 2016 , 17, 910	4.5	12
213	First microsatellite markers for <i>Paspalum plicatulum</i> (Poaceae) characterization and cross-amplification in different <i>Paspalum</i> species of the Plicatula group. <i>BMC Research Notes</i> , 2016 , 9, 511	2.3	3
212	Microsatellite loci for <i>Urochloa decumbens</i> (Stapf) R.D. Webster and cross-amplification in other <i>Urochloa</i> species. <i>BMC Research Notes</i> , 2016 , 9, 152	2.3	5
211	Crystal structure and biochemical characterization of the recombinant ThBgl, a GH1 β -glucosidase overexpressed in <i>Trichoderma harzianum</i> under biomass degradation conditions. <i>Biotechnology for Biofuels</i> , 2016 , 9, 71	7.8	24
210	Genetic diversity of <i>Parides ascanius</i> (Lepidoptera: Papilionidae: Troidini): implications for the conservation of Brazil's most iconic endangered invertebrate species. <i>Conservation Genetics</i> , 2016 , 17, 533-546	2.6	7
209	The Genetic Diversity, Conservation, and Use of Passion Fruit (<i>Passiflora</i> spp.). <i>Sustainable Development and Biodiversity</i> , 2016 , 215-231	2.1	6
208	Evidence of Allopolyploidy in <i>Urochloa humidicola</i> Based on Cytological Analysis and Genetic Linkage Mapping. <i>PLoS ONE</i> , 2016 , 11, e0153764	3.7	10
207	Isolation and characterization of microsatellite loci in <i>Sisyrinchium</i> (Iridaceae) and cross amplification in other genera. <i>Genetics and Molecular Research</i> , 2016 , 15,	1.2	3
206	Genetic diversity of mango accessions (<i>Mangifera indica</i>) using new microsatellite markers and morphological descriptors. <i>Australian Journal of Crop Science</i> , 2016 , 10, 1281-1287	0.5	2
205	The Antitoxin Protein of a Toxin-Antitoxin System from <i>Is</i> Secreted via Outer Membrane Vesicles. <i>Frontiers in Microbiology</i> , 2016 , 7, 2030	5.7	13
204	Determination of Extracellular Proteins from. <i>Frontiers in Microbiology</i> , 2016 , 7, 2090	5.7	12
203	Pollen contamination and nonrandom mating in a <i>Eucalyptus camaldulensis</i> Dehnh seedling seed orchard. <i>Silvae Genetica</i> , 2016 , 65, 1-11	1.1	11
202	Mixed Modeling of Yield Components and Brown Rust Resistance in Sugarcane Families. <i>Agronomy Journal</i> , 2016 , 108, 1824-1837	2.2	16
201	Genetic structure and diversity of populations of polyploid <i>Tibouchina pulchra</i> Cogn. (Melastomataceae) under different environmental conditions in extremes of an elevational gradient. <i>Tree Genetics and Genomes</i> , 2016 , 12, 1	2.1	7

200	Characterization and selection of passion fruit (yellow and purple) accessions based on molecular markers and disease reactions for use in breeding programs. <i>Euphytica</i> , 2015 , 202, 345-359	2.1	15
199	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. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015 , 1854, 1372-81	4	9
198	Detection of genetic resistance to cocoa black pod disease caused by three <i>Phytophthora</i> species. <i>Euphytica</i> , 2015 , 206, 677-687	2.1	20
197	Species distribution and introgressive hybridization of two <i>Avicennia</i> species from the Western Hemisphere unveiled by phylogeographic patterns. <i>BMC Evolutionary Biology</i> , 2015 , 15, 61	3	17
196	Microsatellite markers for <i>Urochloa humidicola</i> (Poaceae) and their transferability to other <i>Urochloa</i> species. <i>BMC Research Notes</i> , 2015 , 8, 83	2.3	11
195	Characterization of the LysR-type transcriptional regulator YcjZ-like from <i>Xylella fastidiosa</i> overexpressed in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2015 , 113, 72-8	2	5
194	Development and characterization of microsatellite markers for <i>Piptadenia gonoacantha</i> (Fabaceae). <i>Applications in Plant Sciences</i> , 2015 , 3, 1400107	2.3	1
193	Microsatellite markers for studies with the carnivorous plant <i>Philcoxia minensis</i> (Plantaginaceae). <i>Applications in Plant Sciences</i> , 2015 , 3, 1500035	2.3	1
192	Multi-trait multi-environment quantitative trait loci mapping for a sugarcane commercial cross provides insights on the inheritance of important traits. <i>Molecular Breeding</i> , 2015 , 35, 175	3.4	16
191	Marker-trait association and epistasis for brown rust resistance in sugarcane. <i>Euphytica</i> , 2015 , 203, 533-547	3.4	12
190	Elevation as a barrier: genetic structure for an Atlantic rain forest tree (<i>Bathysa australis</i>) in the Serra do Mar mountain range, SE Brazil. <i>Ecology and Evolution</i> , 2015 , 5, 1919-31	2.8	9
189	Multiple-geographic-scale genetic structure of two mangrove tree species: the roles of mating system, hybridization, limited dispersal and extrinsic factors. <i>PLoS ONE</i> , 2015 , 10, e0118710	3.7	39
188	Analysis of genomic regions of <i>Trichoderma harzianum</i> IOC-3844 related to biomass degradation. <i>PLoS ONE</i> , 2015 , 10, e0122122	3.7	11
187	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. <i>PLoS ONE</i> , 2015 , 10, e0134607	3.7	19
186	VapD in <i>Xylella fastidiosa</i> Is a Thermostable Protein with Ribonuclease Activity. <i>PLoS ONE</i> , 2015 , 10, e0145765	3.7	6
185	Identification of oxidoreductases from the petroleum strain. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015 , 8, 152-159	5.3	14
184	Microsatellites for two Neotropical dominant ant species, <i>Camponotus renggeri</i> and <i>C. rufipes</i> (Hymenoptera: Formicidae). <i>Conservation Genetics Resources</i> , 2015 , 7, 459-462	0.8	3
183	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	3.7	10

182	New microsatellite markers for wild and commercial species of <i>Passiflora</i> (Passifloraceae) and cross-amplification. <i>Applications in Plant Sciences</i> , 2014 , 2, 1300061	2.3	14
181	Recent introduction and recombination in <i>Colletotrichum acutatum</i> populations associated with citrus postbloom fruit drop epidemics in Sõ Paulo, Brazil. <i>Phytopathology</i> , 2014 , 104, 769-78	3.8	8
180	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	2.1	22
179	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	2.6	13
178	Development and characterization of 32 microsatellite loci in <i>Genipa americana</i> (Rubiaceae). <i>Applications in Plant Sciences</i> , 2014 , 2, 1300084	2.3	3
177	Building the sugarcane genome for biotechnology and identifying evolutionary trends. <i>BMC Genomics</i> , 2014 , 15, 540	4.5	87
176	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 Chaquenian areas under anthropization in South America. <i>BMC Research Notes</i> , 2014 , 7, 375	2.3	15
175	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, 3591-602	5.7	4
174	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	3.4	13
173	Temporal genetic structure of major dengue vector <i>Aedes aegypti</i> from Manaus, Amazonas, Brazil. <i>Acta Tropica</i> , 2014 , 134, 80-8	3.2	11
172	Genome Sequence of <i>Bacillus safensis</i> CFA06, Isolated from Biodegraded Petroleum in Brazil. <i>Genome Announcements</i> , 2014 , 2,		3
171	De novo assembly and transcriptome analysis of contrasting sugarcane varieties. <i>PLoS ONE</i> , 2014 , 9, e88462	3.7	95
170	New hydrocarbon degradation pathways in the microbial metagenome from Brazilian petroleum reservoirs. <i>PLoS ONE</i> , 2014 , 9, e90087	3.7	69
169	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, 10878-82	1.2	1
168	Microsatellite markers for the Cabreva tree, <i>Myroxylon peruiferum</i> (Fabaceae), an endangered medicinal species from the Brazilian Atlantic Forest. <i>Genetics and Molecular Research</i> , 2014 , 13, 6920-5	1.2	6
167	Microsatellite in <i>Aeschynomene falcata</i> (Leguminosae): diversity, cross-amplification, and chromosome localization. <i>Genetics and Molecular Research</i> , 2014 , 13, 10390-7	1.2	
166	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, 22933-59	6.3	12
165	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, 14122-52	6.3	49

164	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, 10-8	3.7	12
163	Transcriptome profile of <i>Trichoderma harzianum</i> IOC-3844 induced by sugarcane bagasse. <i>PLoS ONE</i> , 2014 , 9, e88689	3.7	24
162	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	3.7	67
161	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	3.7	35
160	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, 8055-65	1.2	1
159	Isolation and characterization of microsatellite markers in <i>Rhaphiodon vulpinus</i> (Cynodontidae, Characiformes) and their cross-amplification in other Cynodontinae species. <i>Conservation Genetics Resources</i> , 2013 , 5, 1175-1177	0.8	
158	Genetic variation in polyploid forage grass: assessing the molecular genetic variability in the <i>Paspalum</i> genus. <i>BMC Genetics</i> , 2013 , 14, 50	2.6	33
157	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	4	6
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19	RAPD Genomic Fingerprinting Differentiates <i>Thiobacillus ferrooxidans</i> Strains. <i>Systematic and Applied Microbiology</i> , 1996 , 19, 91-95	4.2	20
18	Mapping of a chromosome 15 region involved in limb girdle muscular dystrophy. <i>Human Molecular Genetics</i> , 1994 , 3, 285-93	5.6	50
17	Three dinucleotide markers on chromosome 21. <i>Human Molecular Genetics</i> , 1994 , 3, 381	5.6	1
16	Two dinucleotide repeats tightly linked to D12S91. <i>Human Molecular Genetics</i> , 1994 , 3, 382	5.6	
15	Dinucleotide repeat polymorphism at D15S221. <i>Human Molecular Genetics</i> , 1994 , 3, 382	5.6	1
14	Targeted development of microsatellite markers from inter-Alu amplification of YAC clones. <i>Genomics</i> , 1994 , 19, 391-3	4.3	8
13	The higher plant nad5 mitochondrial gene: a conserved discontinuous transcription pattern. <i>Current Genetics</i> , 1992 , 22, 75-82	2.9	5
12	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	4.6	22
11	A trans-Splicing Model for the Expression of the Tripartite nad5 Gene in Wheat and Maize Mitochondria. <i>Plant Cell</i> , 1991 , 3, 1363	11.6	4
10	A trans-splicing model for the expression of the tripartite nad5 gene in wheat and maize mitochondria. <i>Plant Cell</i> , 1991 , 3, 1363-78	11.6	88
9	A first draft genome of the Sugarcane borer, <i>Diatraea saccharalis</i> .. <i>F1000Research</i> , 9 , 1269	3.6	0
8	Network analysis reveals different strategies of <i>Trichoderma</i> spp. associated with XYR1 and CRE1 during cellulose degradation		2
7	Geographical and environmental contributions to genomic divergence in mangrove forests		1
6	The synergistic actions of hydrolytic genes reveal the mechanism of <i>Trichoderma harzianum</i> for cellulose degradation		2
5	Genetic structure and molecular diversity of Brazilian grapevine germplasm: management and use in breeding programs		2
4	Genome-wide approaches for the identification of markers and genes associated with sugarcane yellow leaf virus resistance		2
3	Apomixis-related genes identified from a coexpression network in <i>Paspalum notatum</i> , a Neotropical grass		1

2	SUGARCANE: BREEDING METHODS AND GENETIC MAPPING333-344	2
1	Unravelling Rubber Tree Growth by Integrating GWAS and Biological Network-Based Approaches	1