

Anete Pereira Souza

List of Publications by Year in descending order

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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	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.	13.7	827
2	OneMap: software for genetic mapping in outcrossing species. <i>Hereditas</i> , 2007, 144, 78-79.	0.5	326
3	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
4	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
5	Building the sugarcane genome for biotechnology and identifying evolutionary trends. <i>BMC Genomics</i> , 2014, 15, 540.	1.2	136
6	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
7	De Novo Assembly and Transcriptome Analysis of Contrasting Sugarcane Varieties. <i>PLoS ONE</i> , 2014, 9, e88462.	1.1	129
8	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
9	Survey in the sugarcane expressed sequence tag database (SUCEST) for simple sequence repeats. <i>Genome</i> , 2004, 47, 795-804.	0.9	113
10	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
11	InP Nanowire Biosensor with Tailored Biofunctionalization: Ultrasensitive and Highly Selective Disease Biomarker Detection. <i>Nano Letters</i> , 2017, 17, 5938-5949.	4.5	111
12	Comparison of similarity coefficients used for cluster analysis with dominant markers in maize (<i>Zea mays</i>). <i>Journal of Applied Genetics</i> , 2000, 41, 103-104.	0.6	104
13	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
14	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
15	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
16	Characterization of new polymorphic functional markers for sugarcane. <i>Genome</i> , 2009, 52, 191-209.	0.9	87
17	Mapping QTL for Grain Yield and Plant Traits in a Tropical Maize Population. <i>Molecular Breeding</i> , 2006, 17, 227-239.	1.0	85
18	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

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19	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
20	New Hydrocarbon Degradation Pathways in the Microbial Metagenome from Brazilian Petroleum Reservoirs. <i>PLoS ONE</i> , 2014, 9, e90087.	1.1	83
21	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
22	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
23	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
24	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
25	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
26	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.	1.1	71
27	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
28	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
29	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
30	The Biotechnology Roadmap for Sugarcane Improvement. <i>Tropical Plant Biology</i> , 2010, 3, 75-87.	1.0	62
31	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
32	Mapping of a chromosome 15 region involved in limb girdle muscular dystrophy. <i>Human Molecular Genetics</i> , 1994, 3, 285-293.	1.4	59
33	Two genes control aluminum tolerance in maize: Genetic and molecular mapping analyses. <i>Genome</i> , 1999, 42, 475-482.	0.9	58
34	Title is missing!. <i>Euphytica</i> , 2003, 130, 87-99.	0.6	57
35	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2009–31 January 2010. <i>Molecular Ecology Resources</i> , 2010, 10, 576-579.	2.2	56
36	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

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37	A genome-wide association study identified loci for yield component traits in sugarcane (<i>Saccharum</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.1	54
38	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
39	Functional markers for gene mapping and genetic diversity studies in sugarcane. <i>BMC Research Notes</i> , 2011, 4, 264.	0.6	51
40	QTL mapping for yield components in a tropical maize population using microsatellite markers. <i>Hereditas</i> , 2008, 145, 194-203.	0.5	49
41	Microsatellite-assisted backcross selection in maize. <i>Genetics and Molecular Biology</i> , 2005, 28, 789-797.	0.6	48
42	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.	1.2	48
43	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
44	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
45	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
46	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.	6.2	45
47	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
48	Mapping QTLs for kernel oil content in a tropical maize population. <i>Euphytica</i> , 2004, 137, 251-259.	0.6	43
49	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, eww293.	1.1	42
50	Transcriptome Profile of <i>Trichoderma harzianum</i> IOC-3844 Induced by Sugarcane Bagasse. <i>PLoS ONE</i> , 2014, 9, e88689.	1.1	41
51	QTL mapping including codominant SNP markers with ploidy level information in a sugarcane progeny. <i>Euphytica</i> , 2016, 211, 1-16.	0.6	39
52	Evidence of Allopolyploidy in <i>Urochloa humidicola</i> Based on Cytological Analysis and Genetic Linkage Mapping. <i>PLoS ONE</i> , 2016, 11, e0153764.	1.1	39
53	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
54	Microsatellites from rubber tree (<i>Hevea brasiliensis</i>) for genetic diversity analysis and cross-amplification in six <i>Hevea</i> wild species. <i>Conservation Genetics Resources</i> , 2009, 1, 75-79.	0.4	37

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55	An engineered GH1 β -glucosidase displays enhanced glucose tolerance and increased sugar release from lignocellulosic materials. <i>Scientific Reports</i> , 2019, 9, 4903.	1.6	36
56	Detection of genetic resistance to cocoa black pod disease caused by three <i>Phytophthora</i> species. <i>Euphytica</i> , 2015, 206, 677-687.	0.6	35
57	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
58	A novel linkage map of sugarcane with evidence for clustering of retrotransposon-based markers. <i>BMC Genetics</i> , 2012, 13, 51.	2.7	34
59	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
60	Mixed Modeling of Yield Components and Brown Rust Resistance in Sugarcane Families. <i>Agronomy Journal</i> , 2016, 108, 1824-1837.	0.9	34
61	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
62	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
63	De Novo Transcriptome Assembly for the Tropical Grass <i>Panicum maximum</i> Jacq. <i>PLoS ONE</i> , 2013, 8, e70781.	1.1	32
64	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
65	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.	1.1	32
66	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
67	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
68	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
69	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. <i>Molecular Ecology Resources</i> , 2008, 8, 980-982.	2.2	30
70	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
71	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
72	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

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73	Genetic Diversity and Population Structure of the <i>Brachiaria brizantha</i> Germplasm. <i>Tropical Plant Biology</i> , 2011, 4, 157-169.	1.0	27
74	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
75	Evaluating genetic relationships between tropical maize inbred lines by means of AFLP profiling. <i>Hereditas</i> , 2004, 140, 24-33.	0.5	26
76	Molecular Phylogeny of the Neotropical Genus <i>Christensonella</i> (Orchidaceae, Maxillariinae): Species Delimitation and Insights into Chromosome Evolution. <i>Annals of Botany</i> , 2008, 102, 491-507.	1.4	26
77	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. <i>Ecology and Evolution</i> , 2015, 5, 1919-1931.	0.8	26
78	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
79	Three ways to distinguish species: using behavioural, ecological, and molecular data to tell apart two closely related ants, <i>C</i> amponotus renggeri and <i>C</i> amponotus rufipes (Hymenoptera: Formicidae). <i>Zoological Journal of the Linnean Society</i> , 2016, 176, 170-181.	1.0	25
80	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
81	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
82	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
83	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.	3.2	23
84	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
85	RAPD Genomic Fingerprinting Differentiates <i>Thiobacillus ferrooxidans</i> Strains. <i>Systematic and Applied Microbiology</i> , 1996, 19, 91-95.	1.2	22
86	New microsatellite markers for wild and commercial species of <i>Passiflora</i> (Passifloraceae) and crossâ€“amplification. <i>Applications in Plant Sciences</i> , 2014, 2, 1300061.	0.8	22
87	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.	1.0	22
88	The Genetic Diversity, Conservation, and Use of Passion Fruit (<i>Passiflora</i> spp.). <i>Sustainable Development and Biodiversity</i> , 2016, , 215-231.	1.4	22
89	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
90	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.	1.7	22

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91	Composition of the Lecointe clade (Leguminosae, Papilionoideae, Swartzieae), a re-evaluation based on combined evidence from morphology and molecular data. <i>Taxon</i> , 2004, 53, 1007-1018.	0.4	21
92	Highly-sensitive and label-free indium phosphide biosensor for early phytopathogen diagnosis. <i>Biosensors and Bioelectronics</i> , 2012, 36, 62-68.	5.3	21
93	Phylogeny and biogeography of the genus <i>Zornia</i> (Leguminosae: Papilionoideae: Dalbergieae). <i>Taxon</i> , 2013, 62, 723-732.	0.4	21
94	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.	0.6	21
95	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
96	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
97	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.	0.6	20
98	The Antitoxin Protein of a Toxin-Antitoxin System from <i>Xylella fastidiosa</i> Is Secreted via Outer Membrane Vesicles. <i>Frontiers in Microbiology</i> , 2016, 7, 2030.	1.5	20
99	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
100	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
101	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.	1.0	19
102	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
103	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
104	Machine learning approaches reveal genomic regions associated with sugarcane brown rust resistance. <i>Scientific Reports</i> , 2020, 10, 20057.	1.6	19
105	Mapping analysis of the <i>Xylella fastidiosa</i> genome. <i>Nucleic Acids Research</i> , 2000, 28, 3100-3104.	6.5	18
106	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
107	Genetic analysis of forest species <i>Eugenia uniflora</i> L. through of newly developed SSR markers. <i>Conservation Genetics</i> , 2008, 9, 1281-1285.	0.8	18
108	Isolation and characterization of microsatellite loci in the Brazilian orchid <i>Epidendrum fulgens</i> . <i>Conservation Genetics</i> , 2008, 9, 1661-1663.	0.8	18

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109	Isolation and characterization of microsatellite loci in <i>Paspalum notatum</i> Fl. (Poaceae). <i>Conservation Genetics</i> , 2009, 10, 1977-1980.	0.8	18
110	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
111	Development of microsatellite markers for <i>Brachiaria humidicola</i> (Rendle) Schweick. <i>Conservation Genetics Resources</i> , 2009, 1, 475-479.	0.4	18
112	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
113	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
114	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
115	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
116	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
117	Microsatellites for genetic studies and breeding programs in common bean. <i>Pesquisa Agropecuaria Brasileira</i> , 2007, 42, 589-592.	0.9	17
118	Correlação da heterose de híbridos de milho com divergência genética entre linhagens. <i>Pesquisa Agropecuaria Brasileira</i> , 2007, 42, 811-816.	0.9	17
119	Structural and kinetic characterization of a maize aldose reductase. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 98-104.	2.8	17
120	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
121	Recent Introduction and Recombination in <i>Colletotrichum acutatum</i> Populations Associated with Citrus Postbloom Fruit Drop Epidemics in São Paulo, Brazil. <i>Phytopathology</i> , 2014, 104, 769-778.	1.1	17
122	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
123	Analysis of Genomic Regions of <i>Trichoderma harzianum</i> IOC-3844 Related to Biomass Degradation. <i>PLoS ONE</i> , 2015, 10, e0122122.	1.1	17
124	Identification of oxidoreductases from the petroleum <i>Bacillus safensis</i> strain. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 8, 152-159.	2.1	17
125	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
126	Development and characterization of microsatellite markers for turmeric (<i>Curcuma longa</i>). <i>Plant Breeding</i> , 2009, 129, 570.	1.0	16

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127	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
128	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
129	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
130	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
131	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
132	In vitro Determination of Extracellular Proteins from <i>Xylella fastidiosa</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 2090.	1.5	15
133	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.	1.2	15
134	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
135	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
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