

Felipe Rodrigues da Silva

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,914
citations

186265

28
h-index

276875

41
g-index

42
all docs

42
docs citations

42
times ranked

7514
citing authors

#	ARTICLE	IF	CITATIONS
1	InteractiVenn: a web-based tool for the analysis of sets through Venn diagrams. BMC Bioinformatics, 2015, 16, 169.	2.6	1,609
2	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . Nature, 2000, 406, 151-157.	27.8	827
3	Comparative Analyses of the Complete Genome Sequences of Pierce's Disease and Citrus Variegated Chlorosis Strains of <i>Xylella fastidiosa</i> . Journal of Bacteriology, 2003, 185, 1018-1026.	2.2	307
4	Analysis and Functional Annotation of an Expressed Sequence Tag Collection for Tropical Crop Sugarcane. Genome Research, 2003, 13, 2725-2735.	5.5	254
5	The mitochondrial genome of the blowfly <i>Chrysomya chloropyga</i> (Diptera: Calliphoridae). Gene, 2004, 339, 7-15.	2.2	151
6	The libraries that made SUCEST. Genetics and Molecular Biology, 2001, 24, 1-7.	1.3	146
7	The mitochondrial genome of the primary screwworm fly <i>Cochliomyia hominivorax</i> (Diptera: Tj ETQq1 1 0.784314 rgBT / Overlock 10 TF 250 129)		
8	Selection of reference genes for quantitative real-time PCR expression studies in the apomictic and sexual grass <i>Brachiaria brizantha</i> . BMC Plant Biology, 2009, 9, 84.	3.6	118
9	Brazilian coffee genome project: an EST-based genomic resource. Brazilian Journal of Plant Physiology, 2006, 18, 95-108.	0.5	112
10	ESTs from a wild <i>Arachis</i> species for gene discovery and marker development. BMC Plant Biology, 2007, 7, 7.	3.6	112
11	Insights into the <i>Musa</i> genome: Syntenic relationships to rice and between <i>Musa</i> species. BMC Genomics, 2008, 9, 58.	2.8	105
12	Identification of drought-responsive genes in roots of upland rice (<i>Oryza sativa</i> L). BMC Genomics, 2008, 9, 485.	2.8	104
13	Fastidian gum: the <i>Xylella fastidiosa</i> exopolysaccharide possibly involved in bacterial pathogenicity. FEMS Microbiology Letters, 2001, 203, 165-171.	1.8	90
14	Differentially expressed genes and proteins upon drought acclimation in tolerant and sensitive genotypes of <i>Coffea canephora</i> . Journal of Experimental Botany, 2012, 63, 4191-4212.	4.8	72
15	Expression of sugarcane genes induced by inoculation with <i>Gluconacetobacter diazotrophicus</i> and <i>Herbaspirillum rubrisubalbicans</i> . Genetics and Molecular Biology, 2001, 24, 199-206.	1.3	71
16	An EST-based analysis identifies new genes and reveals distinctive gene expression features of <i>Coffea arabica</i> and <i>Coffea canephora</i> . BMC Plant Biology, 2011, 11, 30.	3.6	67
17	ESTs as a source for sequence polymorphism discovery in sugarcane: example of the <i>Adh</i> genes. Theoretical and Applied Genetics, 2003, 106, 190-197.	3.6	63
18	Transcriptional profile of maize roots under acid soil growth. BMC Plant Biology, 2010, 10, 196.	3.6	51

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19	Trimming and clustering sugarcane ESTs. <i>Genetics and Molecular Biology</i> , 2001, 24, 17-23.	1.3	49
20	A BAC library of the SP80-3280 sugarcane variety (<i>saccharum</i> sp.) and its inferred microsynteny with the sorghum genome. <i>BMC Research Notes</i> , 2012, 5, 185.	1.4	47
21	Sugarcane genome sequencing by methylation filtration provides tools for genomic research in the genus <i>Saccharum</i> . <i>Plant Journal</i> , 2014, 79, 162-172.	5.7	40
22	Evaluation of Monocot and Eudicot Divergence Using the Sugarcane Transcriptome. <i>Plant Physiology</i> , 2004, 134, 951-959.	4.8	38
23	Identification of upregulated genes in oral squamous cell carcinomas. <i>Head and Neck</i> , 2013, 35, 1475-1481.	2.0	35
24	Generation of iPSC-Derived Human Peripheral Sensory Neurons Releasing Substance P Elicited by TRPV1 Agonists. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 277.	2.9	33
25	Analysis of expressed sequence tags from <i>Musa acuminata</i> ssp. <i>burmannicoides</i> , var. <i>Calcutta</i> (AA) leaves submitted to temperature stresses. <i>Theoretical and Applied Genetics</i> , 2005, 110, 1517-1522.	3.6	30
26	A Study of Gene Expression in the Nematode Resistant Wild Peanut Relative, <i>Arachis stenosperma</i> , in Response to Challenge with <i>Meloidogyne arenaria</i> . <i>Tropical Plant Biology</i> , 2010, 3, 183-192.	1.9	30
27	Spinning Gland Transcriptomics from Two Main Clades of Spiders (Order: Araneae) - Insights on Their Molecular, Anatomical and Behavioral Evolution. <i>PLoS ONE</i> , 2011, 6, e21634.	2.5	30
28	Endosperm-preferred Expression of Maize Genes as Revealed by Transcriptome-wide Analysis of Expressed Sequence Tags. <i>Plant Molecular Biology</i> , 2005, 59, 363-374.	3.9	28
29	Expressed sequence-tag analysis of ovaries of <i>Brachiaria brizantha</i> reveals genes associated with the early steps of embryo sac differentiation of apomictic plants. <i>Plant Cell Reports</i> , 2012, 31, 403-416.	5.6	28
30	Molecular detection of Papaya meleira virus in the latex of <i>Carica papaya</i> by RT-PCR. <i>Journal of Virological Methods</i> , 2007, 146, 305-310.	2.1	27
31	Transcriptome analysis highlights changes in the leaves of maize plants cultivated in acidic soil containing toxic levels of Al ³⁺ . <i>Molecular Biology Reports</i> , 2014, 41, 8107-8116.	2.3	26
32	<i>S-nitrosoglutathione</i> promotes cell wall remodelling, alters the transcriptional profile and induces root hair formation in the hairless root hair defective 6 (<i>rhd6</i>) mutant of <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2017, 213, 1771-1786.	7.3	23
33	Spidroins from the Brazilian spider <i>Nephilengys cruentata</i> (Araneae: Nephilidae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 147, 597-606.	1.6	22
34	Overexpression, purification, biochemical characterization, and molecular modeling of recombinant GDP-mannosyltransferase (GumH) from <i>Xylella fastidiosa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 485-492.	2.1	11
35	Linking microarray data to QTLs highlights new genes related to Al tolerance in maize. <i>Plant Science</i> , 2012, 191-192, 8-15.	3.6	10
36	Overexpression, purification, and biochemical characterization of GumC, an enzyme involved in the biosynthesis of exopolysaccharide by <i>Xylella fastidiosa</i> . <i>Protein Expression and Purification</i> , 2004, 34, 223-228.	1.3	6

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37	In vitro and in silico validation of CA3 and FHL1 downregulation in oral cancer. BMC Cancer, 2018, 18, 193.	2.6	6
38	Nucleotide sequence and phylogenetic analyses of the DNA polymerase gene of Anticarsia gemmatalis nucleopolyhedrovirus. Virus Research, 2005, 110, 99-109.	2.2	2
39	Identification and characterization of a resistance gene analog (RGA) from the Caricaceae Dumort family. Revista Brasileira De Fruticultura, 2006, 28, 458-462.	0.5	2
40	First Report of <i>Papaya ringspot virus</i> -Type W Infecting <i>Fevillea</i> Species (Cucurbitaceae) in South America. Plant Disease, 2016, 100, 2540-2540.	1.4	2
41	Transcriptomic analysis related to the flowering of the citrus hybrid Microcitrangemonia. Current Plant Biology, 2019, 18, 100097.	4.7	1