

Alan Branco

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,144
citations

687363

13
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

1806
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete genome sequence of the sugarcane nitrogen-fixing endophyte <i>Gluconacetobacter diazotrophicus</i> Pal5. <i>BMC Genomics</i> , 2009, 10, 450.	2.8	207
2	Epigenetic effects of polymorphic Y chromosomes modulate chromatin components, immune response, and sexual conflict. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15826-15831.	7.1	174
3	Concerted copy number variation balances ribosomal DNA dosage in human and mouse genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2485-2490.	7.1	162
4	Ribosomal DNA Deletions Modulate Genome-Wide Gene Expression: rDNA-Sensitive Genes and Natural Variation. <i>PLoS Genetics</i> , 2011, 7, e1001376.	3.5	142
5	Ribosomal DNA copy number is coupled with gene expression variation and mitochondrial abundance in humans. <i>Nature Communications</i> , 2014, 5, 4850.	12.8	126
6	Accumulation of SALT protein in rice plants as a response to environmental stresses. <i>Plant Science</i> , 2003, 164, 623-628.	3.6	71
7	Cloning and characterization of cowpea seed lipid transfer protein cDNA: expression analysis during seed development and under fungal and cold stresses in seedlings' tissues. <i>Plant Physiology and Biochemistry</i> , 2006, 44, 732-742.	5.8	34
8	Natural variation of the Y chromosome suppresses sex ratio distortion and modulates testis-specific gene expression in <i>Drosophila simulans</i> . <i>Heredity</i> , 2013, 111, 8-15.	2.6	34
9	Mycobacteria inactivation using Engineered Water Nanostructures (EWNS). <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1175-1183.	3.3	30
10	Genome-Wide Gene Expression Effects of Sex Chromosome Imprinting in <i>Drosophila</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1-10.	1.8	27
11	Environmentally induced ribosomal DNA (rDNA) instability in human cells and populations exposed to hexavalent chromium [Cr (VI)]. <i>Environment International</i> , 2021, 153, 106525.	10.0	20
12	High Intake of Dietary Sugar Enhances Bisphenol A (BPA) Disruption and Reveals Ribosome-Mediated Pathways of Toxicity. <i>Genetics</i> , 2014, 197, 147-157.	2.9	19
13	The Y Chromosome Modulates Splicing and Sex-Biased Intron Retention Rates in <i>Drosophila</i> . <i>Genetics</i> , 2018, 208, 1057-1067.	2.9	16
14	Expression and purification of the recombinant SALT lectin from rice (<i>Oryza sativa</i> L.). <i>Protein Expression and Purification</i> , 2004, 33, 34-38.	1.3	14
15	Cloning and Characterization of a cDNA Encoding a Cowpea Seed Defensin and Analysis of its Expression. <i>Protein and Peptide Letters</i> , 2006, 13, 1029-1036.	0.9	14
16	Chromatin-Associated Proteins HP1 and Mod(mdg4) Modify Y-Linked Regulatory Variation in the <i>Drosophila</i> Testis. <i>Genetics</i> , 2013, 194, 609-618.	2.9	11
17	Interaction between bisphenol A and dietary sugar affects global gene transcription in <i>Drosophila melanogaster</i> . <i>Genomics Data</i> , 2014, 2, 308-311.	1.3	8
18	Sex-specific adaptation and genomic responses to Y chromosome presence in female reproductive and neural tissues. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20172062.	2.6	8

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19	Methodological Improvements on Extraction of Nuclear Proteins and Its Preliminary Analysis During the Maize (<i>Zea mays</i> L.) Endosperm Development. <i>Protein and Peptide Letters</i> , 2006, 13, 981-984.	0.9	7
20	A paper-based electroelution system for protein recovery from stained sodium dodecyl sulfate-polyacrylamide gels. <i>Analytical Biochemistry</i> , 2008, 381, 267-269.	2.4	7
21	Induction of α -1,3-Glucanase in Seeds of Maize Defective-Kernel Mutant (827Kpro1). <i>Protein and Peptide Letters</i> , 2011, 18, 651-657.	0.9	6
22	Reproductive activity triggers accelerated male mortality and decreases lifespan: genetic and gene expression determinants in <i>Drosophila</i> . <i>Heredity</i> , 2017, 118, 221-228.	2.6	5
23	Two-dimensional Protein Analysis by Isoelectric Focusing in a Multi-cell Plate System. <i>Protein and Peptide Letters</i> , 2002, 9, 39-43.	0.9	1
24	The evolution of genetics to genomics. <i>Journal of Human Growth and Development</i> , 2016, 26, 28.	0.6	1