Alan Branco

List of Publications by Year
in descending order

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	Environmentally induced ribosomal DNA (rDNA) instability in human cells and populations exposed to hexavalent chromium [Cr (VI)]. Environment International, 2021, 153, 106525.	10.0	20
2	The Y Chromosome Modulates Splicing and Sex-Biased Intron Retention Rates in Drosophila. Genetics, 2018, 208, 1057-1067.	2.9	16
3	Sex-specific adaptation and genomic responses to Y chromosome presence in female reproductive and neural tissues. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20172062.	2.6	8
4	Reproductive activity triggers accelerated male mortality and decreases lifespan: genetic and gene expression determinants in Drosophila. Heredity, 2017, 118, 221-228.	2.6	5
5	The evolution of genetics to genomics. Journal of Human Growth and Development, 2016, 26, 28.	0.6	1
6	Concerted copy number variation balances ribosomal DNA dosage in human and mouse genomes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2485-2490.	7.1	162
7	Genome-Wide Gene Expression Effects of Sex Chromosome Imprinting inDrosophila. G3: Genes, Genomes, Genetics, 2014, 4, 1-10.	1.8	27
8	High Intake of Dietary Sugar Enhances Bisphenol A (BPA) Disruption and Reveals Ribosome-Mediated Pathways of Toxicity. Genetics, 2014, 197, 147-157.	2.9	19
9	Mycobacteria inactivation using Engineered Water Nanostructures (EWNS). Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1175-1183.	3.3	30
10	Ribosomal DNA copy number is coupled with gene expression variation and mitochondrial abundance in humans. Nature Communications, 2014, 5, 4850.	12.8	126
11	Interaction between bisphenol A and dietary sugar affects global gene transcription in Drosophila melanogaster. Genomics Data, 2014, 2, 308-311.	1.3	8
12	Chromatin-Associated Proteins HP1 and Mod(mdg4) Modify Y-Linked Regulatory Variation in the Drosophila Testis. Genetics, 2013, 194, 609-618.	2.9	11
13	Natural variation of the Y chromosome suppresses sex ratio distortion and modulates testis-specific gene expression in Drosophila simulans. Heredity, 2013, 111, 8-15.	2.6	34
14	Induction of β-1,3-Glucanase in Seeds of Maize Defective-Kernel Mutant (827Kpro1). Protein and Peptide Letters, 2011, 18, 651-657.	0.9	6
15	Ribosomal DNA Deletions Modulate Genome-Wide Gene Expression: â€œrDNAâ€“Sensitiveâ€•Genes and Natural Variation. PLoS Genetics, 2011, 7, e1001376.	3.5	142
16	Epigenetic effects of polymorphic Y chromosomes modulate chromatin components, immune response, and sexual conflict. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15826-15831.	7.1	174
17	Complete genome sequence of the sugarcane nitrogen-fixing endophyte Gluconacetobacter diazotrophicus Pal5. BMC Genomics, 2009, 10, 450.	2.8	207
18	A paper-based electroelution system for protein recovery from stained sodium dodecyl sulfateâ€“polyacrylamide gels. Analytical Biochemistry, 2008, 381, 267-269.	2.4	7

#	Article	IF	Citations
19	Cloning andÂcharacterization ofÂaÂcowpea seed lipid transfer protein cDNA: expression analysis during seed development andÂunder fungal andÂcold stresses inÂseedlings' tissues. Plant Physiology and Biochemistry, 2006, 44, 732-742.	5.8	34
20	Methodological Improvements on Extraction of Nuclear Proteins and Its Preliminary Analysis During the Maize (Zea mays L.) Endosperm Development. Protein and Peptide Letters, 2006, 13, 981-984.	0.9	7
21	Cloning and Characterization of a cDNA Encoding a Cowpea Seed Defensin and Analysis of its Expression. Protein and Peptide Letters, 2006, 13, 1029-1036.	0.9	14
22	Expression and purification of the recombinant SALT lectin from rice (Oryza sativa L.). Protein Expression and Purification, 2004, 33, 34-38.	1.3	14
23	Accumulation of SALT protein in rice plants as a response to environmental stresses. Plant Science, 2003, 164, 623-628.	3.6	71
24	Two-dimensional Protein Analysis by Isoelectric Focusing in a Multi-cell Plate System. Protein and Peptide Letters, 2002, 9, 39-43.	0.9	1