Joice de Faria Poloni

List of Publications by Year
in descending order

17 papers	257 citations	1040056 9 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	463 citing authors

#	Article	IF	Citations
1	Melatonin as a central molecule connecting neural development and calcium signaling. Functional and Integrative Genomics, 2011, 11, 383-388.	3.5	39
2	Toxicological Effects of the Different Substances in Tobacco Smoke on Human Embryonic Development by a Systems Chemo-Biology Approach. PLoS ONE, 2013, 8, e61743.	2.5	31
3	Senescence; an endogenous anticancer mechanism. Frontiers in Bioscience - Landmark, 2012, 17, 2616.	3.0	30
4	The importance of sphingolipids and reactive oxygen species in cardiovascular development. Biology of the Cell, 2014, 106, 167-181.	2.0	29
5	The developmental aging and origins of health and disease hypotheses explained by different protein networks. Biogerontology, 2011, 12, 293-308.	3.9	25
6	Transcriptomics and systems biology analysis in identification of specific pathways involved in cacao resistance and susceptibility to witches' broom disease. Molecular BioSystems, 2012, 8, 1507.	2.9	23
7	Development and Aging: Two Opposite but Complementary Phenomena. Interdisciplinary Topics in Gerontology, 2015, 40, 74-84.	3.6	15
8	Multi-Approach Bioinformatics Analysis of Curated Omics Data Provides a Gene Expression Panorama for Multiple Cancer Types. Frontiers in Genetics, 2020, 11, 586602.	2.3	14
9	A Network Flow Approach to Predict Protein Targets and Flavonoid Backbones to Treat Respiratory Syncytial Virus Infection. BioMed Research International, 2015, 2015, 1-9.	1.9	13
10	Fetal Alcohol Syndrome, Chemo-Biology and OMICS: Ethanol Effects on Vitamin Metabolism During Neurodevelopment as Measured by Systems Biology Analysis. OMICS A Journal of Integrative Biology, 2014, 18, 344-363.	2.0	10
11	Influence of transcriptional variants on metastasis. RNA Biology, 2018, 15, 1-19.	3.1	7
12	Perspectives and applications of machine learning for evolutionary developmental biology. Molecular Omics, 2018, 14, 289-306.	2.8	7
13	Benchmarking and Testing Machine Learning Approaches with BARRA:CuRDa, a Curated RNA-Seq Database for Cancer Research. Journal of Computational Biology, 2021, 28, 931-944.	1.6	7
14	Aging as a consequence of intracellular water volume and density. Medical Hypotheses, 2011, 77, 982-984.	1.5	3
15	Human Diseases Associated With Genome Instability. , 2016, , 447-462.		2
16	Systems Chemoâ€Biology and Transcriptomic Metaâ€Analysis Reveal the Molecular Roles of Bioactive Lipids in Cardiomyocyte Differentiation. Journal of Cellular Biochemistry, 2015, 116, 2018-2031.	2.6	1
17	Cystic Fibrosis: Systems Biology Analysis from Homozygous p.Phe508del Variant Patientsâ€™ Samples Reveals Perturbations in Tissue-Specific Pathways. BioMed Research International, 2021, 2021, 1-16.	1.9	1