Daniel Osorio

List of Publications by Year
in descending order

24 papers	596 citations	933264 10 h-index	752573 20 g-index
34 all docs	34 docs citations	34 times ranked	975 citing authors

#	Article	IF	Citations
1	Peptides: A Package for Data Mining of Antimicrobial Peptides. R Journal, 2015, 7, 4.	0.7	228
2	Systematic determination of the mitochondrial proportion in human and mice tissues for single-cell RNA-sequencing data quality control. Bioinformatics, 2021, 37, 963-967.	1.8	80
3	L-Type Calcium Channels Modulation by Estradiol. Molecular Neurobiology, 2017, 54, 4996-5007.	1.9	38
4	Wine Distillates:Â Practical Operating Recipe Formulation for Stills. Journal of Agricultural and Food Chemistry, 2005, 53, 6326-6331.	2.4	29
5	Single-Cell Expression Variability Implies Cell Function. Cells, 2020, 9, 14.	1.8	27
6	scTenifoldNet: A Machine Learning Workflow for Constructing and Comparing Transcriptome-wide Gene Regulatory Networks from Single-Cell Data. Patterns, 2020, 1, 100139.	3.1	25
7	Single-cell RNA sequencing of a European and an African lymphoblastoid cell line. Scientific Data, 2019, 6, 112.	2.4	23
8	Overdispersed gene expression in schizophrenia. NPJ Schizophrenia, 2020, 6, 9.	2.0	20
9	scTenifoldKnk: An efficient virtual knockout tool for gene function predictions via single-cell gene regulatory network perturbation. Patterns, 2022, 3, 100434.	3.1	17
10	Multiple Pathways Involved in Palmitic Acid-Induced Toxicity: A System Biology Approach. Frontiers in Neuroscience, 2019, 13, 1410.	1.4	15
11	Regulatory Network of PD1 Signaling Is Associated with Prognosis in Glioblastoma Multiforme. Cancer Research, 2021, 81, 5401-5412.	0.4	15
12	Antecedent presentation of neurological phenotypes in the Collaborative Cross reveals four classes with complex sex-dependencies. Scientific Reports, 2020, 10, 7918.	1.6	12
13	Site-specific and substrate-specific control of accurate mRNA editing by a helicase complex in trypanosomes. Rna, 2020, 26, 1862-1881.	1.6	9
14	Hyaline cartilage differentiation of fibroblasts in regeneration and regenerative medicine. Development (Cambridge), 2022, 149, .	1.2	9
15	rPanglaoDB: an R package to download and merge labeled single-cell RNA-seq data from the PanglaoDB database. Bioinformatics, 2022, 38, 580-582.	1.8	7
16	Single-cell RNA Sequencing Reveals How the Aryl Hydrocarbon Receptor Shapes Cellular Differentiation Potency in the Mouse Colon. Cancer Prevention Research, 2022, 15, 17-28.	0.7	6
17	scInTime: A Computational Method Leveraging Single-Cell Trajectory and Gene Regulatory Networks to Identify Master Regulators of Cellular Differentiation. Genes, 2022, 13, 371.	1.0	4
18	minval: An R package for MINimal VALidation of Stoichiometric Reactions. R Journal, 2017, 9, 114.	0.7	3

#	Article	IF	Citations
19	Genome sequencing of three bacteria associated to black band disease from a Colombian reef-building coral. Genomics Data, 2017, 11, 73-74.	1.3	2
20	Interpretable multi-modal data integration. Nature Computational Science, 2022, 2, 8-9.	3.8	2
21	Stability Analysis of Antimicrobial Peptides in Solvation Conditions by Molecular Dynamics. Advances in Intelligent Systems and Computing, 2014, , 127-131.	0.5	0
22	Single-Cell Gene Regulatory Network Analysis Reveals Potential Mechanisms of Action of Antimalarials Against SARS-CoV-2. Lecture Notes in Computer Science, 2021, , 88-94.	1.0	0
23	Extent, Heritability, and Functional Relevance of Single Cell Expression Variability in Highly Homogeneous Populations of Human Cells. SSRN Electronic Journal, 0, , .	0.4	0
24	MODELLING OF 3D-STRUCTURES OF THE RARE MELANOCORTIN-1-RECEPTOR MUTATIONS ASSOCIATED TO MELANISM IN THE BANANAQUIT. Acta Biologica Colombiana, 2020, 26, 30-41.	0.1	0