

# Daniel Osorio

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25  
papers

262  
citations

7  
h-index

15  
g-index

34  
ext. papers

448  
ext. citations

4.6  
avg, IF

3.96  
L-index

#	Paper	IF	Citations
25	scTenifoldKnk: An efficient virtual knockout tool for gene function predictions via single-cell gene regulatory network perturbation.. <i>Patterns</i> , <b>2022</b> , 3, 100434	5.1	0
24	rPanglaoDB: an R package to download and merge labeled single-cell RNA-seq data from the PanglaoDB database. <i>Bioinformatics</i> , <b>2021</b> ,	7.2	1
23	Systematic determination of the mitochondrial proportion in human and mice tissues for single-cell RNA-sequencing data quality control. <i>Bioinformatics</i> , <b>2021</b> , 37, 963-967	7.2	19
22	Single-Cell Gene Regulatory Network Analysis Reveals Potential Mechanisms of Action of Antimalarials Against SARS-CoV-2. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 88-94	0.9	
21	Regulatory Network of PD1 Signaling Is Associated with Prognosis in Glioblastoma Multiforme. <i>Cancer Research</i> , <b>2021</b> , 81, 5401-5412	10.1	3
20	Antecedent presentation of neurological phenotypes in the Collaborative Cross reveals four classes with complex sex-dependencies. <i>Scientific Reports</i> , <b>2020</b> , 10, 7918	4.9	6
19	Overdispersed gene expression in schizophrenia. <i>NPJ Schizophrenia</i> , <b>2020</b> , 6, 9	5.5	8
18	MODELLING OF 3D-STRUCTURES OF THE RARE MELANOCORTIN-1-RECEPTOR MUTATIONS ASSOCIATED TO MELANISM IN THE BANANAQUIT. <i>Acta Biologica Colombiana</i> , <b>2020</b> , 26, 30-41	0.5	
17	scTenifoldNet: A Machine Learning Workflow for Constructing and Comparing Transcriptome-wide Gene Regulatory Networks from Single-Cell Data. <i>Patterns</i> , <b>2020</b> , 1, 100139	5.1	6
16	Site-specific and substrate-specific control of accurate mRNA editing by a helicase complex in trypanosomes. <i>Rna</i> , <b>2020</b> , 26, 1862-1881	5.8	1
15	Multiple Pathways Involved in Palmitic Acid-Induced Toxicity: A System Biology Approach. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1410	5.1	5
14	Single-cell RNA sequencing of a European and an African lymphoblastoid cell line. <i>Scientific Data</i> , <b>2019</b> , 6, 112	8.2	13
13	Single-Cell Expression Variability Implies Cell Function. <i>Cells</i> , <b>2019</b> , 9,	7.9	12
12	Genome sequencing of three bacteria associated to black band disease from a Colombian reef-building coral. <i>Genomics Data</i> , <b>2017</b> , 11, 73-74		2
11	L-Type Calcium Channels Modulation by Estradiol. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 4996-5007	6.2	26
10	minval: An R package for MINimal VALidation of Stoichiometric Reactions. <i>R Journal</i> , <b>2017</b> , 9, 114	3.3	2
9	Peptides: A Package for Data Mining of Antimicrobial Peptides. <i>R Journal</i> , <b>2015</b> , 7, 4	3.3	115

8	Stability Analysis of Antimicrobial Peptides in Solvation Conditions by Molecular Dynamics. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 127-131	0.4	
7	Wine distillates: practical operating recipe formulation for stills. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 6326-31	5.7	24
6	Single-cell RNA sequencing of a European and an African lymphoblastoid cell line		1
5	scTenifoldNet: a machine learning workflow for constructing and comparing transcriptome-wide gene regulatory networks from single-cell data		1
4	Systematic determination of the mitochondrial proportion in human and mice tissues for single-cell RNA sequencing data quality control		6
3	Overdispersed gene expression characterizes schizophrenic brains		2
2	Extent, heritability, and functional relevance of single cell expression variability in highly homogeneous populations of human cells		1
1	scTenifoldKnk: a machine learning workflow performing virtual knockout experiments on single-cell gene regulatory networks		1