

# Daniel Sanchez-Taltavull

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4762319/publications.pdf>

Version: 2024-02-01

19  
papers

294  
citations

1039406

9  
h-index

996533

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Absolute Quantification of Transcription Factors Reveals Principles of Gene Regulation in Erythropoiesis. <i>Molecular Cell</i> , 2020, 78, 960-974.e11.	4.5	83
2	Single-cell and bulk transcriptomics of the liver reveals potential targets of NASH with fibrosis. <i>Scientific Reports</i> , 2021, 11, 19396.	1.6	41
3	Intraperitoneal microbial contamination drives post-surgical peritoneal adhesions by mesothelial EGFR-signaling. <i>Nature Communications</i> , 2021, 12, 7316.	5.8	22
4	Stochastic resetting antiviral therapies prevent drug resistance development. <i>Europhysics Letters</i> , 2020, 132, 50003.	0.7	20
5	Bayesian correlation is a robust gene similarity measure for single-cell RNA-seq data. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa002.	1.5	17
6	Modelling strategies to organize healthcare workforce during pandemics: Application to COVID-19. <i>Journal of Theoretical Biology</i> , 2021, 523, 110718.	0.8	16
7	Stochastic modelling of viral blips in HIV-1-infected patients: Effects of inhomogeneous density fluctuations. <i>Journal of Theoretical Biology</i> , 2015, 371, 79-89.	0.8	12
8	Stochastic modelling of the eradication of the HIV-1 infection by stimulation of latently infected cells in patients under highly active anti-retroviral therapy. <i>Journal of Mathematical Biology</i> , 2016, 73, 919-946.	0.8	12
9	The LIM Protein Ajuba Augments Tumor Metastasis in Colon Cancer. <i>Cancers</i> , 2020, 12, 1913.	1.7	12
10	Regular testing of asymptomatic healthcare workers identifies cost-efficient SARS-CoV-2 preventive measures. <i>PLoS ONE</i> , 2021, 16, e0258700.	1.1	12
11	Bayesian Correlation Analysis for Sequence Count Data. <i>PLoS ONE</i> , 2016, 11, e0163595.	1.1	10
12	Optimal architecture of differentiation cascades with asymmetric and symmetric stem cell division. <i>Journal of Theoretical Biology</i> , 2016, 407, 106-117.	0.8	8
13	Synergistic effect of the TLR5 agonist CBLB502 and its downstream effector IL-22 against liver injury. <i>Cell Death and Disease</i> , 2021, 12, 366.	2.7	8
14	Uncovering robust patterns of microRNA co-expression across cancers using Bayesian Relevance Networks. <i>PLoS ONE</i> , 2017, 12, e0183103.	1.1	6
15	Loss of Claudin-3 Impairs Hepatic Metabolism, Biliary Barrier Function, and Cell Proliferation in the Murine Liver. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 745-767.	2.3	5
16	Robustness of differentiation cascades with symmetric stem cell division. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140264.	1.5	4
17	Absolute quantification of transcription factors in human erythropoiesis using selected reaction monitoring mass spectrometry. <i>STAR Protocols</i> , 2020, 1, 100216.	0.5	4
18	LIM protein Ajuba promotes liver cell proliferation through its involvement in DNA replication and DNA damage control. <i>FEBS Letters</i> , 2022, 596, 1746-1764.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Primary Infection by <i>E. multilocularis</i> Induces Distinct Patterns of Cross Talk between Hepatic Natural Killer T Cells and Regulatory T Cells in Mice. <i>Infection and Immunity</i> , 0, , .	1.0	0