

Rhonda Bacher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/376731/publications.pdf>

Version: 2024-02-01

28
papers

1,187
citations

759055

12
h-index

642610

23
g-index

35
all docs

35
docs citations

35
times ranked

2338
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and computational analysis of single-cell RNA-sequencing experiments. <i>Genome Biology</i> , 2016, 17, 63.	3.8	413
2	SCnorm: robust normalization of single-cell RNA-seq data. <i>Nature Methods</i> , 2017, 14, 584-586.	9.0	275
3	Single-cell RNA sequencing reveals intrinsic and extrinsic regulatory heterogeneity in yeast responding to stress. <i>PLoS Biology</i> , 2017, 15, e2004050.	2.6	118
4	An InÂVitro Human Segmentation Clock Model Derived from Embryonic Stem Cells. <i>Cell Reports</i> , 2019, 28, 2247-2255.e5.	2.9	57
5	Genetic Drivers of Pancreatic Islet Function. <i>Genetics</i> , 2018, 209, 335-356.	1.2	54
6	Species-specific developmental timing is maintained by pluripotent stem cells ex utero. <i>Developmental Biology</i> , 2017, 423, 101-110.	0.9	43
7	CD177 modulates the function and homeostasis of tumor-infiltrating regulatory T cells. <i>Nature Communications</i> , 2021, 12, 5764.	5.8	38
8	Insulin-Like Growth Factor Dysregulation Both Preceding and Following Type 1 Diabetes Diagnosis. <i>Diabetes</i> , 2020, 69, 413-423.	0.3	29
9	Trendy: segmented regression analysis of expression dynamics in high-throughput ordered profiling experiments. <i>BMC Bioinformatics</i> , 2018, 19, 380.	1.2	24
10	Human Regulatory T Cells From Umbilical Cord Blood Display Increased Repertoire Diversity and Lineage Stability Relative to Adult Peripheral Blood. <i>Frontiers in Immunology</i> , 2020, 11, 611.	2.2	23
11	Exocrine Pancreatic Enzymes Are a Serological Biomarker for Type 1 Diabetes Staging and Pancreas Size. <i>Diabetes</i> , 2021, 70, 944-954.	0.3	20
12	Spatial patterns of gene expression are unveiled in the chick primitive streak by ordering single-cell transcriptomes. <i>Developmental Biology</i> , 2018, 439, 30-41.	0.9	15
13	Identification of direct transcriptional targets of NFATC2 that promote \hat{I}^2 cell proliferation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	15
14	Normalization by distributional resampling of high throughput single-cell RNA-sequencing data. <i>Bioinformatics</i> , 2021, 37, 4123-4128.	1.8	13
15	Automated minute scale RNA-seq of pluripotent stem cell differentiation reveals early divergence of human and mouse gene expression kinetics. <i>PLoS Computational Biology</i> , 2019, 15, e1007543.	1.5	9
16	Genetic Composition and Autoantibody Titers Model the Probability of Detecting C-Peptide Following Type 1 Diabetes Diagnosis. <i>Diabetes</i> , 2021, 70, 932-943.	0.3	8
17	Identification of Unique mRNA and miRNA Expression Patterns in Bone Marrow Hematopoietic Stem and Progenitor Cells After Trauma in Older Adults. <i>Frontiers in Immunology</i> , 2020, 11, 1289.	2.2	7
18	Reproducibility across single-cell RNA-seq protocols for spatial ordering analysis. <i>PLoS ONE</i> , 2020, 15, e0239711.	1.1	5

#	ARTICLE	IF	CITATIONS
19	Methylscaper: an R/Shiny app for joint visualization of DNA methylation and nucleosome occupancy in single-molecule and single-cell data. <i>Bioinformatics</i> , 2021, 37, 4857-4859.	1.8	4
20	Enhancing biological signals and detection rates in single-cell RNA-seq experiments with cDNA library equalization. <i>Nucleic Acids Research</i> , 2022, 50, e12-e12.	6.5	4
21	Data-driven assessment of dimension reduction quality for single-cell omics data. <i>Patterns</i> , 2022, 3, 100465.	3.1	4
22	An Examination of Brain Abnormalities and Mobility in Individuals with Mild Cognitive Impairment and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 86.	1.7	3
23	Normalization for Single-Cell RNA-Seq Data Analysis. <i>Methods in Molecular Biology</i> , 2019, 1935, 11-23.	0.4	1
24	Statistical Methods for Latent Class Quantitative Trait Loci Mapping. <i>Genetics</i> , 2017, 206, 1309-1317.	1.2	0
25	Reproducibility across single-cell RNA-seq protocols for spatial ordering analysis. , 2020, 15, e0239711.		0
26	Reproducibility across single-cell RNA-seq protocols for spatial ordering analysis. , 2020, 15, e0239711.		0
27	Reproducibility across single-cell RNA-seq protocols for spatial ordering analysis. , 2020, 15, e0239711.		0
28	Reproducibility across single-cell RNA-seq protocols for spatial ordering analysis. , 2020, 15, e0239711.		0