

David S Fischer

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,922
citations

567281

15
h-index

794594

19
g-index

29
all docs

29
docs citations

29
times ranked

2793
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-Type-Specific Impact of Glucocorticoid Receptor Activation on the Developing Brain: A Cerebral Organoid Study. <i>American Journal of Psychiatry</i> , 2022, 179, 375-387.	7.2	33
2	Toward modeling metabolic state from single-cell transcriptomics. <i>Molecular Metabolism</i> , 2022, 57, 101396.	6.5	27
3	Squidpy: a scalable framework for spatial omics analysis. <i>Nature Methods</i> , 2022, 19, 171-178.	19.0	308
4	Spatial components of molecular tissue biology. <i>Nature Biotechnology</i> , 2022, 40, 308-318.	17.5	148
5	Ultra-high sensitivity mass spectrometry quantifies single-cell proteome changes upon perturbation. <i>Molecular Systems Biology</i> , 2022, 18, e10798.	7.2	261
6	Asc-1 regulates white versus beige adipocyte fate in a subcutaneous stromal cell population. <i>Nature Communications</i> , 2021, 12, 1588.	12.8	17
7	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. <i>Nature Medicine</i> , 2021, 27, 546-559.	30.7	261
8	Graph representation learning for single-cell biology. <i>Current Opinion in Systems Biology</i> , 2021, 28, 100347.	2.6	15
9	Single-cell RNA sequencing reveals ex vivo signatures of SARS-CoV-2-reactive T cells through "reverse phenotyping". <i>Nature Communications</i> , 2021, 12, 4515.	12.8	23
10	Sfaira accelerates data and model reuse in single cell genomics. <i>Genome Biology</i> , 2021, 22, 248.	8.8	18
11	Group Testing for SARS-CoV-2 Allows for Up to 10-Fold Efficiency Increase Across Realistic Scenarios and Testing Strategies. <i>Frontiers in Public Health</i> , 2021, 9, 583377.	2.7	25
12	EpiScanpy: integrated single-cell epigenomic analysis. <i>Nature Communications</i> , 2021, 12, 5228.	12.8	59
13	Identification and characterization of distinct brown adipocyte subtypes in C57BL/6J mice. <i>Life Science Alliance</i> , 2021, 4, e202000924.	2.8	14
14	Automatic identification of relevant genes from low-dimensional embeddings of single-cell RNA-seq data. <i>Bioinformatics</i> , 2020, 36, 4291-4295.	4.1	7
15	Predicting antigen specificity of single T cells based on TCR CDR3 regions. <i>Molecular Systems Biology</i> , 2020, 16, e9416.	7.2	68
16	Concepts and limitations for learning developmental trajectories from single cell genomics. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	177
17	Inferring population dynamics from single-cell RNA-sequencing time series data. <i>Nature Biotechnology</i> , 2019, 37, 461-468.	17.5	85
18	Impulse model-based differential expression analysis of time course sequencing data. <i>Nucleic Acids Research</i> , 2018, 46, e119.	14.5	81

#	ARTICLE	IF	CITATIONS
19	Single cells make big data: New challenges and opportunities in transcriptomics. Current Opinion in Systems Biology, 2017, 4, 85-91.	2.6	171