

Huidong Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7847079/publications.pdf>

Version: 2024-02-01

13
papers

1,220
citations

933447

10
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

1990
citing authors

#	ARTICLE	IF	CITATIONS
1	GiniClust: detecting rare cell types from single-cell gene expression data with Gini index. <i>Genome Biology</i> , 2016, 17, 144.	8.8	238
2	Assessment of computational methods for the analysis of single-cell ATAC-seq data. <i>Genome Biology</i> , 2019, 20, 241.	8.8	225
3	Single-cell trajectories reconstruction, exploration and mapping of omics data with STREAM. <i>Nature Communications</i> , 2019, 10, 1903.	12.8	198
4	Dissecting hematopoietic and renal cell heterogeneity in adult zebrafish at single-cell resolution using RNA sequencing. <i>Journal of Experimental Medicine</i> , 2017, 214, 2875-2887.	8.5	168
5	Three subtypes of lung cancer fibroblasts define distinct therapeutic paradigms. <i>Cancer Cell</i> , 2021, 39, 1531-1547.e10.	16.8	106
6	Mapping human pluripotent stem cell differentiation pathways using high throughput single-cell RNA-sequencing. <i>Genome Biology</i> , 2018, 19, 47.	8.8	96
7	Ageing-Associated Alterations in Mammary Epithelia and Stroma Revealed by Single-Cell RNA Sequencing. <i>Cell Reports</i> , 2020, 33, 108566.	6.4	75
8	Robust and Scalable Learning of Complex Intrinsic Dataset Geometry via ElPiGraph. <i>Entropy</i> , 2020, 22, 296.	2.2	45
9	Parallel Single-Cell RNA-Seq and Genetic Recording Reveals Lineage Decisions in Developing Embryoid Bodies. <i>Cell Reports</i> , 2020, 33, 108222.	6.4	16
10	singlecellVR: Interactive Visualization of Single-Cell Data in Virtual Reality. <i>Frontiers in Genetics</i> , 2021, 12, 764170.	2.3	14
11	Current progress and potential opportunities to infer single-cell developmental trajectory and cell fate. <i>Current Opinion in Systems Biology</i> , 2021, 26, 1-11.	2.6	8
12	DPNuc: Identifying Nucleosome Positions Based on the Dirichlet Process Mixture Model. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015, 12, 1236-1247.	3.0	0
13	Characterization of Mammary Cells Co-expressing Separate Lineage Markers. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0