Huidong Chen

List of Publications by Year
in descending order

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