Xiuwei Zhang

List of Publications by Year
in descending order

		1478505	1372567
10	418	6	10
papers	citations	h-index	g-index
18	18	18	765
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GRNUlar: A Deep Learning Framework for Recovering Single-Cell Gene Regulatory Networks. Journal of Computational Biology, 2022, 29, 27-44.	1.6	9
2	TedSim: temporal dynamics simulation of single-cell RNA sequencing data and cell division history. Nucleic Acids Research, 2022, 50, 4272-4288.	14.5	6
3	scDART: integrating unmatched scRNA-seq and scATAC-seq data and learning cross-modality relationship simultaneously. Genome Biology, 2022, 23, .	8.8	30
4	Maximum likelihood reconstruction of ancestral networks by integer linear programming. Bioinformatics, 2021, 37, 1083-1092.	4.1	2
5	Inference of high-resolution trajectories in single-cell RNA-seq data by using RNA velocity. Cell Reports Methods, 2021, 1, 100095.	2.9	24
6	Hybrid Clustering of Single-Cell Gene Expression and Spatial Information via Integrated NMF and K-Means. Frontiers in Genetics, 2021, 12, 763263.	2.3	3
7	Simulating multiple faceted variability in single cell RNA sequencing. Nature Communications, 2019, 10, 2611.	12.8	89
8	Single-cell RNA-sequencing resolves self-antigen expression during mTEC development. Scientific Reports, 2018, 8, 685.	3.3	33
9	A new way to build cell lineages. ELife, 2017, 6, .	6.0	2
10	Single-Cell RNA Sequencing Reveals T Helper Cells Synthesizing Steroids De Novo to Contribute to Immune Homeostasis. Cell Reports, 2014, 7, 1130-1142.	6.4	198