

# Xiuwei Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3215860/publications.pdf>

Version: 2024-02-01

10  
papers

418  
citations

1478505

6  
h-index

1372567

10  
g-index

18  
all docs

18  
docs citations

18  
times ranked

765  
citing authors

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