

# Lihua Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1361093/publications.pdf>

Version: 2024-02-01

9  
papers

3,072  
citations

1039406

9  
h-index

1473754

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g-index

11  
all docs

11  
docs citations

11  
times ranked

2549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inference and analysis of cell-cell communication using CellChat. Nature Communications, 2021, 12, 1088.	5.8	2,174
2	scMC learns biological variation through the alignment of multiple single-cell genomics datasets. Genome Biology, 2021, 22, 10.	3.8	534
3	scAI: an unsupervised approach for the integrative analysis of parallel single-cell transcriptomic and epigenomic profiles. Genome Biology, 2020, 21, 25.	3.8	111
4	Comparison of computational methods for imputing single-cell RNA-sequencing data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 17, 1-1.	1.9	83
5	Predicting transcription factor binding in single cells through deep learning. Science Advances, 2020, 6, .	4.7	41
6	Learning common and specific patterns from data of multiple interrelated biological scenarios with matrix factorization. Nucleic Acids Research, 2019, 47, 6606-6617.	6.5	28
7	A General Joint Matrix Factorization Framework for Data Integration and Its Systematic Algorithmic Exploration. IEEE Transactions on Fuzzy Systems, 2020, 28, 1971-1983.	6.5	21
8	Imputing single-cell RNA-seq data by considering cell heterogeneity and prior expression of dropouts. Journal of Molecular Cell Biology, 2021, 13, 29-40.	1.5	21
9	DIRECT-NET: An efficient method to discover cis-regulatory elements and construct regulatory networks from single-cell multiomics data. Science Advances, 2022, 8, .	4.7	21