

# Yang Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9179457/publications.pdf>

Version: 2024-02-01

11  
papers

1,352  
citations

1040056

9  
h-index

1199594

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

3311  
citing authors

#	ARTICLE	IF	CITATIONS
1	SMILE: mutual information learning for integration of single-cell omics data. Bioinformatics, 2022, 38, 476-486.	4.1	29
2	Loops, topologically associating domains, compartments, and territories are elastic and robust to dramatic nuclear volume swelling. Scientific Reports, 2022, 12, 4721.	3.3	14
3	MACA: marker-based automatic cell-type annotation for single-cell expression data. Bioinformatics, 2022, 38, 1756-1760.	4.1	14
4	Chromosome compartmentalization alterations in prostate cancer cell lines model disease progression. Journal of Cell Biology, 2022, 221, .	5.2	18
5	Diagonal integration of multimodal single-cell data: potential pitfalls and paths forward. Nature Communications, 2022, 13, .	12.8	9
6	Radiation-induced DNA damage and repair effects on 3D genome organization. Nature Communications, 2020, 11, 6178.	12.8	70
7	Mapping the Mouse Cell Atlas by Microwell-Seq. Cell, 2018, 172, 1091-1107.e17.	28.9	1,068
8	Maintenance of human haematopoietic stem and progenitor cells in vitro using a chemical cocktail. Cell Discovery, 2018, 4, 59.	6.7	13
9	Comparative transcriptomic analysis of hematopoietic system between human and mouse by Microwell-seq. Cell Discovery, 2018, 4, 34.	6.7	16
10	A molecular roadmap for induced multi-lineage trans-differentiation of fibroblasts by chemical combinations. Cell Research, 2017, 27, 386-401.	12.0	20
11	Natural Variation in Arabidopsis Cvi-O Accession Reveals an Important Role of MPK12 in Guard Cell CO <sub>2</sub> Signaling. PLoS Biology, 2016, 14, e2000322.	5.6	69