

Xiannian Zhang

List of Publications by Year in descending order

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13
papers

1,887
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

4760
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating single-cell datasets with ambiguous batch information by incorporating molecular network features. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	5
2	Dissecting esophageal squamous-cell carcinoma ecosystem by single-cell transcriptomic analysis. <i>Nature Communications</i> , 2021, 12, 5291.	12.8	98
3	Establishment of intestinal organoid cultures modeling injury-associated epithelial regeneration. <i>Cell Research</i> , 2021, 31, 259-271.	12.0	54
4	Single-cell transcriptomic analysis in a mouse model deciphers cell transition states in the multistep development of esophageal cancer. <i>Nature Communications</i> , 2020, 11, 3715.	12.8	79
5	Heightened Innate Immune Responses in the Respiratory Tract of COVID-19 Patients. <i>Cell Host and Microbe</i> , 2020, 27, 883-890.e2.	11.0	811
6	High-throughput single-cell whole-genome amplification through centrifugal emulsification and eMDA. <i>Communications Biology</i> , 2019, 2, 147.	4.4	35
7	Genomic Heterogeneity and Branched Evolution of Early Stage Primary Acral Melanoma Shown by Multiregional Microdissection Sequencing. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1526-1534.	0.7	7
8	Comparative Analysis of Droplet-Based Ultra-High-Throughput Single-Cell RNA-Seq Systems. <i>Molecular Cell</i> , 2019, 73, 130-142.e5.	9.7	283
9	Terminal transfer amplification and sequencing for high-efficiency and low-bias copy number profiling of fragmented DNA samples. <i>Protein and Cell</i> , 2019, 10, 229-233.	11.0	3
10	Chemoproteomics reveals baicalin activates hepatic CPT1 to ameliorate diet-induced obesity and hepatic steatosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5896-E5905.	7.1	201
11	Microfluidic Device for Studying Controllable Hydrodynamic Flow Induced Cellular Responses. <i>Analytical Chemistry</i> , 2017, 89, 3710-3715.	6.5	17
12	A valve-less microfluidic peristaltic pumping method. <i>Biomicrofluidics</i> , 2015, 9, 014118.	2.4	35
13	Microfluidic single-cell whole-transcriptome sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7048-7053.	7.1	259