

Xiaoyan Qian

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,090
citations

687363

13
h-index

940533

16
g-index

26
all docs

26
docs citations

26
times ranked

3497
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Transcriptomics and In Situ Sequencing to Study Alzheimer's Disease. <i>Cell</i> , 2020, 182, 976-991.e19.	28.9	491
2	A Spatiotemporal Organ-Wide Gene Expression and Cell Atlas of the Developing Human Heart. <i>Cell</i> , 2019, 179, 1647-1660.e19.	28.9	470
3	Spatiotemporal structure of cell fate decisions in murine neural crest. <i>Science</i> , 2019, 364, .	12.6	345
4	Probabilistic cell typing enables fine mapping of closely related cell types in situ. <i>Nature Methods</i> , 2020, 17, 101-106.	19.0	187
5	Profiling surface proteins on individual exosomes using a proximity barcoding assay. <i>Nature Communications</i> , 2019, 10, 3854.	12.8	148
6	Hybridization-based <i>in situ</i> sequencing (HybISS) for spatially resolved transcriptomics in human and mouse brain tissue. <i>Nucleic Acids Research</i> , 2020, 48, e112-e112.	14.5	145
7	Spatial and temporal localization of immune transcripts defines hallmarks and diversity in the tuberculosis granuloma. <i>Nature Communications</i> , 2019, 10, 1823.	12.8	60
8	Analysis of IAV Replication and Co-infection Dynamics by a Versatile RNA Viral Genome Labeling Method. <i>Cell Reports</i> , 2017, 20, 251-263.	6.4	57
9	SCRINSHOT enables spatial mapping of cell states in tissue sections with single-cell resolution. <i>PLoS Biology</i> , 2020, 18, e3000675.	5.6	42
10	Generation of in situ sequencing based OncoMaps to spatially resolve gene expression profiles of diagnostic and prognostic markers in breast cancer. <i>EBioMedicine</i> , 2019, 48, 212-223.	6.1	29
11	Compaction of rolling circle amplification products increases signal integrity and signal-to-noise ratio. <i>Scientific Reports</i> , 2015, 5, 12317.	3.3	27
12	Spatial sexual dimorphism of X and Y homolog gene expression in the human central nervous system during early male development. <i>Biology of Sex Differences</i> , 2016, 7, 5.	4.1	25
13	Oligonucleotide gap-fill ligation for mutation detection and sequencing <i>in situ</i> . <i>Nucleic Acids Research</i> , 2015, 43, e151-e151.	14.5	21
14	Network Visualization and Analysis of Spatially Aware Gene Expression Data with InsituNet. <i>Cell Systems</i> , 2018, 6, 626-630.e3.	6.2	13
15	Formation of Silver Nanostructures by Rolling Circle Amplification Using Boranephosphonate-Modified Nucleotides. <i>Analytical Chemistry</i> , 2015, 87, 6660-6666.	6.5	12
16	Spatial Resolution of Mycobacterium tuberculosis Bacteria and Their Surrounding Immune Environments Based on Selected Key Transcripts in Mouse Lungs. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	4