Liang Wu

List of Publications by Year in descending order

29 papers	1,637 citations	516215 16 h-index	476904 29 g-index
38 all docs	38 docs citations	38 times ranked	1859 citing authors

#	Article	IF	Citations
1	Spatiotemporal transcriptomic atlas of mouse organogenesis using DNA nanoball-patterned arrays. Cell, 2022, 185, 1777-1792.e21.	13.5	437
2	Single-cell landscape of the ecosystem in early-relapse hepatocellular carcinoma. Cell, 2021, 184, 404-421.e16.	13.5	399
3	Dissecting spatial heterogeneity and the immune-evasion mechanism of CTCs by single-cell RNA-seq in hepatocellular carcinoma. Nature Communications, 2021, 12, 4091.	5.8	90
4	An ATAC-seq atlas of chromatin accessibility in mouse tissues. Scientific Data, 2019, 6, 65.	2.4	89
5	Comparative analysis of sequencing technologies for single-cell transcriptomics. Genome Biology, 2019, 20, 70.	3.8	82
6	Encapsulation of single cells on a microfluidic device integrating droplet generation with fluorescence-activated droplet sorting. Biomedical Microdevices, 2013, 15, 553-560.	1.4	76
7	Full-length single-cell RNA-seq applied to a viral human cancer: applications to HPV expression and splicing analysis in HeLa S3 cells. GigaScience, 2015, 4, 51.	3.3	51
8	High Throughput Single Cell RNA Sequencing, Bioinformatics Analysis and Applications. Advances in Experimental Medicine and Biology, 2018, 1068, 33-43.	0.8	50
9	Multiregion singleâ€cell sequencing reveals the transcriptional landscape of the immune microenvironment of colorectal cancer. Clinical and Translational Medicine, 2021, 11, e253.	1.7	48
10	Zoledronate inhibits the proliferation, adhesion and migration of vascular smooth muscle cells. European Journal of Pharmacology, 2009, 602, 124-131.	1.7	36
11	Evolution of multiple cell clones over a 29-year period of a CLL patient. Nature Communications, 2016, 7, 13765.	5.8	29
12	RED-ML: a novel, effective RNA editing detection method based on machine learning. GigaScience, 2017, 6, 1-8.	3.3	29
13	Embryonic liver developmental trajectory revealed by single-cell RNA sequencing in the Foxa2eGFP mouse. Communications Biology, 2020, 3, 642.	2.0	24
14	Fabrication of multifunctional triple-responsive platform based on CuS-capped periodic mesoporous organosilica nanoparticles for chemo-photothermal therapy. International Journal of Nanomedicine, 2018, Volume 13, 3661-3677.	3.3	23
15	Single-cell RNA-seq reveals dynamic transcriptome profiling in human early neural differentiation. GigaScience, 2018, 7, .	3.3	18
16	MAPK/P53-mediated FASN expression in bone tumors. Oncology Letters, 2017, 13, 4035-4038.	0.8	17
17	Identification of differentially expressed microRNAs in the bone marrow of osteoporosis patients. American Journal of Translational Research (discontinued), 2019, 11, 2940-2954.	0.0	16
18	Single-cell differential splicing analysis reveals high heterogeneity of liver tumor-infiltrating T cells. Scientific Reports, 2021, 11, 5325.	1.6	15

#	Article	IF	Citations
19	Downregulation of microRNAâ€'143 promotes osteogenic differentiation of human adiposeâ€'derived mesenchymal stemÂcells through the kâ€'Ras/MEK/ERK signaling pathway. International Journal of Molecular Medicine, 2020, 46, 965-976.	1.8	12
20	Single-cell multiomics reveals heterogeneous cell states linked to metastatic potential in liver cancer cell lines. IScience, 2022, 25, 103857.	1.9	11
21	Chromatin accessibility and transcriptome landscapes of Monomorium pharaonis brain. Scientific Data, 2020, 7, 217.	2.4	10
22	Encapsulation of single cells into monodisperse droplets by fluorescence-activated droplet formation on a microfluidic chip. Talanta, 2016, 153, 253-259.	2.9	9
23	Activation of AMPK by OSU53 protects spinal cord neurons from oxidative stress. Oncotarget, 2017, 8, 112477-112486.	0.8	8
24	A Cellular Resolution Spatial Transcriptomic Landscape of the Medial Structures in Postnatal Mouse Brain. Frontiers in Cell and Developmental Biology, 2022, 10, .	1.8	5
25	Bone regeneration using injectable poly (Î³-benzyl-L-glutamate) microspheres loaded with adipose-derived stem cells in a mouse femoral non-union model. American Journal of Translational Research (discontinued), 2019, 11, 2641-2656.	0.0	4
26	scDPN for High-throughput Single-cell CNV Detection to Uncover Clonal Evolution During HCC Recurrence. Genomics, Proteomics and Bioinformatics, 2021, 19, 346-357.	3.0	3
27	Single-cell RNA profiling links ncRNAs to spatiotemporal gene expression during C. elegans embryogenesis. Scientific Reports, 2020, 10, 18863.	1.6	2
28	Characteristics and Clinical Significance of T-Cell Receptor Repertoire in Hepatocellular Carcinoma. Frontiers in Immunology, 2022, 13, 847263.	2.2	1
29	Transcriptomic Profile of the Mouse Postnatal Liver Development by Single-Nucleus RNA Sequencing. Frontiers in Cell and Developmental Biology, 2022, 10, 833392.	1.8	1