Denis Schapiro

List of Publications by Year
in descending order

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28	4,873	361413	501196
papers	citations	20 h-index	28 g-index

44	44	44	7414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. Nature Methods, 2022, 19, 311-315.	19.0	102
2	Three-dimensional spatial transcriptomics uncovers cell type localizations in the human rheumatoid arthritis synovium. Communications Biology, 2022, 5, 129.	4.4	35
3	MITI minimum information guidelines for highly multiplexed tissue images. Nature Methods, 2022, 19, 262-267.	19.0	37
4	Explainable multiview framework for dissecting spatial relationships from highly multiplexed data. Genome Biology, 2022, 23, 97.	8.8	45
5	Stepwise-edited, human melanoma models reveal mutationsâ€™ effect on tumor and microenvironment. Science, 2022, 376, eabi8175.	12.6	24
6	Dissecting the treatment-naive ecosystem of human melanoma brain metastasis. Cell, 2022, 185, 2591-2608.e30.	28.9	62
7	A molecular single-cell lung atlas of lethal COVID-19. Nature, 2021, 595, 114-119.	27.8	411
8	Evolution of delayed resistance to immunotherapy in a melanoma responder. Nature Medicine, 2021, 27, 985-992.	30.7	67
9	Abstract 94: Multi-compartment reprogramming and spatially-resolved interactions in frozen pancreatic cancer with and without neoadjuvant chemotherapy and radiotherapy at single-cell resolution. , 2021, , .		0
10	Receptor-Driven ERK Pulses Reconfigure MAPK Signaling and Enable Persistence of Drug-Adapted BRAF-Mutant Melanoma Cells. Cell Systems, 2020, 11, 478-494.e9.	6.2	71
11	Single-nucleus RNA-seq and Spatial Transcriptomics of Archival Primary Pancreatic Ductal Adenocarcinoma Uncovers Multi-compartment Intratumoral Heterogeneity Associated with Neoadjuvant Chemoradiotherapy. International Journal of Radiation Oncology Biology Physics, 2020, 108, S48-S49.	0.8	1
12	Immunogenomic profiling determines responses to combined PARP and PD-1 inhibition in ovarian cancer. Nature Communications, 2020, 11, 1459.	12.8	176
13	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. Cell, 2020, 181, 236-249.	28.9	334
14	Abstract PR-007: Single-nucleus and spatial transcriptomics of archival pancreatic ductal adenocarcinoma reveals multi-compartment reprogramming after neoadjuvant treatment. Cancer Research, 2020, 80, PR-007-PR-007.	0.9	3
15	Single-nucleus RNA-seq of frozen archival primary pancreatic ductal adenocarcinoma uncovers multi-compartment intratumoral heterogeneity associated with neoadjuvant treatment.. Journal of Clinical Oncology, 2020, 38, 4633-4633.	1.6	0
16	Channel Embedding for Informative Protein Identification from Highly Multiplexed Images. Lecture Notes in Computer Science, 2020, 12265, 3-13.	1.3	3
17	High-definition spatial transcriptomics for in situ tissue profiling. Nature Methods, 2019, 16, 987-990.	19.0	708
18	Modeling Cell-Cell Interactions from Spatial Molecular Data with Spatial Variance Component Analysis. Cell Reports, 2019, 29, 202-211.e6.	6.4	133

#	Article	IF	Citations
19	A Map of Human Type 1 Diabetes Progression by Imaging Mass Cytometry. Cell Metabolism, 2019, 29, 755-768.e5.	16.2	217
20	Highly multiplexed immunofluorescence images and single-cell data of immune markers in tonsil and lung cancer. Scientific Data, 2019, 6, 323.	5.3	39
21	Abstract LB-B09: ERK pulses drive non-genetic resistance in drug-adapted BRAFV600Emelanoma cells. , 2019, , .		0
22	Simultaneous Multiplexed Imaging of mRNA and Proteins with Subcellular Resolution in Breast Cancer Tissue Samples by Mass Cytometry. Cell Systems, 2018, 6, 25-36.e5.	6.2	214
23	High-Dimensional Phenotyping Identifies Age-Emergent Cells in Human Mammary Epithelia. Cell Reports, 2018, 23, 1205-1219.	6.4	39
24	Influence of node abundance on signaling network state and dynamics analyzed by mass cytometry. Nature Biotechnology, 2017, 35, 164-172.	17.5	39
25	histoCAT: analysis of cell phenotypes and interactions in multiplex image cytometry data. Nature Methods, 2017, 14, 873-876.	19.0	470
26	Automatic single cell segmentation on highly multiplexed tissue images. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 936-942.	1.5	53
27	Laser Ablation ICP-MS for Single-Cell-based Tissue Imaging. Chimia, 2015, 69, 637.	0.6	1
28	Highly multiplexed imaging of tumor tissues with subcellular resolution by mass cytometry. Nature Methods, 2014, 11, 417-422.	19.0	1,430