Denis Schapiro

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6889149/publications.pdf

Version: 2024-02-01

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	Highly multiplexed imaging of tumor tissues with subcellular resolution by mass cytometry. Nature Methods, 2014, 11, 417-422.	19.0	1,430
2	High-definition spatial transcriptomics for in situ tissue profiling. Nature Methods, 2019, 16, 987-990.	19.0	708
3	histoCAT: analysis of cell phenotypes and interactions in multiplex image cytometry data. Nature Methods, 2017, 14, 873-876.	19.0	470
4	A molecular single-cell lung atlas of lethal COVID-19. Nature, 2021, 595, 114-119.	27.8	411
5	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. Cell, 2020, 181, 236-249.	28.9	334
6	A Map of Human Type 1 Diabetes Progression by Imaging Mass Cytometry. Cell Metabolism, 2019, 29, 755-768.e5.	16.2	217
7	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
8	Immunogenomic profiling determines responses to combined PARP and PD-1 inhibition in ovarian cancer. Nature Communications, 2020, 11, 1459.	12.8	176
9	Modeling Cell-Cell Interactions from Spatial Molecular Data with Spatial Variance Component Analysis. Cell Reports, 2019, 29, 202-211.e6.	6.4	133
10	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. Nature Methods, 2022, 19, 311-315.	19.0	102
11	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
12	Evolution of delayed resistance to immunotherapy in a melanoma responder. Nature Medicine, 2021, 27, 985-992.	30.7	67
13	Dissecting the treatment-naive ecosystem of human melanoma brain metastasis. Cell, 2022, 185, 2591-2608.e30.	28.9	62
14	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
15	Explainable multiview framework for dissecting spatial relationships from highly multiplexed data. Genome Biology, 2022, 23, 97.	8.8	45
16	Influence of node abundance on signaling network state and dynamics analyzed by mass cytometry. Nature Biotechnology, 2017, 35, 164-172.	17.5	39
17	High-Dimensional Phenotyping Identifies Age-Emergent Cells in Human Mammary Epithelia. Cell Reports, 2018, 23, 1205-1219.	6.4	39
18	Highly multiplexed immunofluorescence images and single-cell data of immune markers in tonsil and lung cancer. Scientific Data, 2019, 6, 323.	5.3	39

#	Article	IF	Citations
19	MITI minimum information guidelines for highly multiplexed tissue images. Nature Methods, 2022, 19, 262-267.	19.0	37
20	Three-dimensional spatial transcriptomics uncovers cell type localizations in the human rheumatoid arthritis synovium. Communications Biology, 2022, 5, 129.	4.4	35
21	Stepwise-edited, human melanoma models reveal mutationsâ€™ effect on tumor and microenvironment. Science, 2022, 376, eabi8175.	12.6	24
22	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
23	Channel Embedding for Informative Protein Identification from Highly Multiplexed Images. Lecture Notes in Computer Science, 2020, 12265, 3-13.	1.3	3
24	Laser Ablation ICP-MS for Single-Cell-based Tissue Imaging. Chimia, 2015, 69, 637.	0.6	1
25	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
26	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
27	Abstract LB-B09: ERK pulses drive non-genetic resistance in drug-adapted BRAFV600Emelanoma cells. , 2019, , .		0
28	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