Aaron M Streets

List of Publications by Year
in descending order

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31 papers	3,486 citations	331670 21 h-index	434195 31 g-index
50 all docs	50 docs citations	50 times ranked	3922 citing authors

#	Article	IF	Citations
1	Characterization of transcript enrichment and detection bias in single-nucleus RNA-seq for mapping of distinct human adipocyte lineages. Genome Research, 2022, 32, 242-257.	5.5	39
2	CXCR3 regulates stem and proliferative CD8+ T cells during chronic infection by promoting interactions with DCs in splenic bridging channels. Cell Reports, 2022, 38, 110266.	6.4	14
3	A Python library for probabilistic analysis of single-cell omics data. Nature Biotechnology, 2022, 40, 163-166.	17.5	216
4	Complete genomic and epigenetic maps of human centromeres. Science, 2022, 376, eabl4178.	12.6	204
5	DiMeLo-seq: a long-read, single-molecule method for mapping proteinâ€“DNA interactions genome wide. Nature Methods, 2022, 19, 711-723.	19.0	45
6	The complete sequence of a human genome. Science, 2022, 376, 44-53.	12.6	1,222
7	Histologically resolved multiomics enables precise molecular profiling of human intratumor heterogeneity. PLoS Biology, 2022, 20, e3001699.	5.6	6
8	Paper-thin multilayer microfluidic devices with integrated valves. Lab on A Chip, 2021, 21, 1287-1298.	6.0	5
9	Joint probabilistic modeling of single-cell multi-omic data with totalVI. Nature Methods, 2021, 18, 272-282.	19.0	246
10	Vascular smooth muscle-derived Trpv1+ progenitors are a source of cold-induced thermogenic adipocytes. Nature Metabolism, 2021, 3, 485-495.	11.9	64
11	T cell self-reactivity during thymic development dictates the timing of positive selection. ELife, 2021, 10, .	6.0	17
12	Single cell biologyâ€”a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 74-97.	3.8	3
13	Î¼DamID: A Microfluidic Approach for Joint Imaging and Sequencing of Protein-DNA Interactions in Single Cells. Cell Systems, 2020, 11, 354-366.e9.	6.2	15
14	Î¼CB-seq: microfluidic cell barcoding and sequencing for high-resolution imaging and sequencing of single cells. Lab on A Chip, 2020, 20, 3899-3913.	6.0	16
15	On-ratio PDMS bonding for multilayer microfluidic device fabrication. Journal of Micromechanics and Microengineering, 2019, 29, 107001.	2.6	21
16	Radial variation in biochemical composition of the bovine caudal intervertebral disc. JOR Spine, 2019, 2, e1065.	3.2	22
17	Quantitative imaging of lipid droplets in single cells. Analyst, The, 2019, 144, 753-765.	3.5	24
18	Controller for microfluidic large-scale integration. HardwareX, 2018, 3, 135-145.	2.2	29

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19	Ultralarge Modulation of Fluorescence by Neuromodulators in Carbon Nanotubes Functionalized with Self-Assembled Oligonucleotide Rings. Nano Letters, 2018, 18, 6995-7003.	9.1	70
20	Single-Cell Transcriptional Analysis. Annual Review of Analytical Chemistry, 2017, 10, 439-462.	5.4	93
21	Label-Free Digital Quantification of Lipid Droplets in Single Cells by Stimulated Raman Microscopy on a Microfluidic Platform. Analytical Chemistry, 2016, 88, 4931-4939.	6.5	47
22	H3K4me3 epigenomic landscape derived from ChIP-Seq of 1 000 mouse early embryonic cells. Cell Research, 2015, 25, 143-147.	12.0	19
23	Microfluidics for biological measurements with single-molecule resolution. Current Opinion in Biotechnology, 2014, 25, 69-77.	6.6	83
24	Imaging without Fluorescence: Nonlinear Optical Microscopy for Quantitative Cellular Imaging. Analytical Chemistry, 2014, 86, 8506-8513.	6.5	56
25	How deep is enough in single-cell RNA-seq?. Nature Biotechnology, 2014, 32, 1005-1006.	17.5	29
26	Microfluidic single-cell whole-transcriptome sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7048-7053.	7.1	259
27	Optical imaging of non-fluorescent nanodiamonds in live cells using transient absorption microscopy. Nanoscale, 2013, 5, 4701.	5.6	26
28	Chip in a lab: Microfluidics for next generation life science research. Biomicrofluidics, 2013, 7, 11302.	2.4	142
29	Simultaneous Measurement of Amyloid Fibril Formation by Dynamic Light Scattering and Fluorescence Reveals Complex Aggregation Kinetics. PLoS ONE, 2013, 8, e54541.	2.5	69
30	High-throughput single-molecule optofluidic analysis. Nature Methods, 2011, 8, 242-245.	19.0	95
31	Ostwald Ripening of Clusters during Protein Crystallization. Physical Review Letters, 2010, 104, 178102.	7.8	59