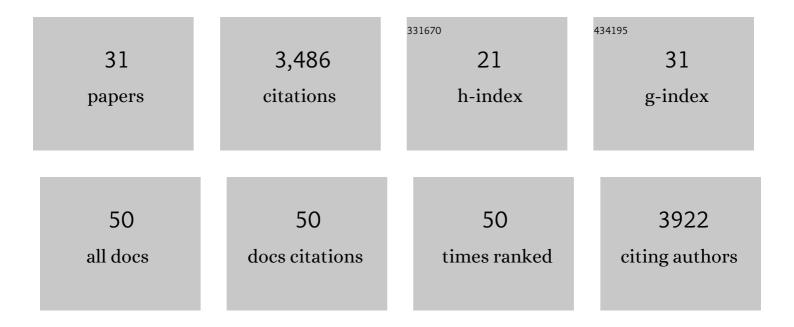
Aaron M Streets

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4267658/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The complete sequence of a human genome. Science, 2022, 376, 44-53.	12.6	1,222
2	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
3	Joint probabilistic modeling of single-cell multi-omic data with totalVI. Nature Methods, 2021, 18, 272-282.	19.0	246
4	A Python library for probabilistic analysis of single-cell omics data. Nature Biotechnology, 2022, 40, 163-166.	17.5	216
5	Complete genomic and epigenetic maps of human centromeres. Science, 2022, 376, eabl4178.	12.6	204
6	Chip in a lab: Microfluidics for next generation life science research. Biomicrofluidics, 2013, 7, 11302.	2.4	142
7	High-throughput single-molecule optofluidic analysis. Nature Methods, 2011, 8, 242-245.	19.0	95
8	Single-Cell Transcriptional Analysis. Annual Review of Analytical Chemistry, 2017, 10, 439-462.	5.4	93
9	Microfluidics for biological measurements with single-molecule resolution. Current Opinion in Biotechnology, 2014, 25, 69-77.	6.6	83
10	Ultralarge Modulation of Fluorescence by Neuromodulators in Carbon Nanotubes Functionalized with Self-Assembled Oligonucleotide Rings. Nano Letters, 2018, 18, 6995-7003.	9.1	70
11	Simultaneous Measurement of Amyloid Fibril Formation by Dynamic Light Scattering and Fluorescence Reveals Complex Aggregation Kinetics. PLoS ONE, 2013, 8, e54541.	2.5	69
12	Vascular smooth muscle-derived Trpv1+ progenitors are a source of cold-induced thermogenic adipocytes. Nature Metabolism, 2021, 3, 485-495.	11.9	64
13	Ostwald Ripening of Clusters during Protein Crystallization. Physical Review Letters, 2010, 104, 178102.	7.8	59
14	Imaging without Fluorescence: Nonlinear Optical Microscopy for Quantitative Cellular Imaging. Analytical Chemistry, 2014, 86, 8506-8513.	6.5	56
15	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
16	DiMeLo-seq: a long-read, single-molecule method for mapping protein–DNA interactions genome wide. Nature Methods, 2022, 19, 711-723.	19.0	45
17	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
18	How deep is enough in single-cell RNA-seq?. Nature Biotechnology, 2014, 32, 1005-1006.	17.5	29

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19	Controller for microfluidic large-scale integration. HardwareX, 2018, 3, 135-145.	2.2	29
20	Optical imaging of non-fluorescent nanodiamonds in live cells using transient absorption microscopy. Nanoscale, 2013, 5, 4701.	5.6	26
21	Quantitative imaging of lipid droplets in single cells. Analyst, The, 2019, 144, 753-765.	3.5	24
22	Radial variation in biochemical composition of the bovine caudal intervertebral disc. JOR Spine, 2019, 2, e1065.	3.2	22
23	On-ratio PDMS bonding for multilayer microfluidic device fabrication. Journal of Micromechanics and Microengineering, 2019, 29, 107001.	2.6	21
24	H3K4me3 epigenomic landscape derived from ChIP-Seq of 1 000 mouse early embryonic cells. Cell Research, 2015, 25, 143-147.	12.0	19
25	T cell self-reactivity during thymic development dictates the timing of positive selection. ELife, 2021, 10, .	6.0	17
26	μCB-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
27	μDamID: 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
28	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
29	Histologically resolved multiomics enables precise molecular profiling of human intratumor heterogeneity. PLoS Biology, 2022, 20, e3001699.	5.6	6
30	Paper-thin multilayer microfluidic devices with integrated valves. Lab on A Chip, 2021, 21, 1287-1298.	6.0	5
31	Single cell biology—a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 74-97.	3.8	3