Aaron McKenna

List of Publications by Year
in descending order

13 papers	2,036 citations	1040056 9 h-index	1199594 12 g-index
23 all docs	23 docs citations	23 times ranked	4159 citing authors

#	Article	IF	Citations
1	Whole-organism lineage tracing by combinatorial and cumulative genome editing. Science, 2016, 353, aaf7907.	12.6	570
2	Simultaneous single-cell profiling of lineages and cell types in the vertebrate brain. Nature Biotechnology, 2018, 36, 442-450.	17.5	478
3	ContEst: estimating cross-contamination of human samples in next-generation sequencing data. Bioinformatics, 2011, 27, 2601-2602.	4.1	235
4	Single-cell lineage tracing of metastatic cancer reveals selection of hybrid EMT states. Cancer Cell, 2021, 39, 1150-1162.e9.	16.8	160
5	Massively parallel profiling and predictive modeling of the outcomes of CRISPR/Cas9-mediated double-strand break repair. Nucleic Acids Research, 2019, 47, 7989-8003.	14.5	135
6	CRISPR/Cas9-Mediated Scanning for Regulatory Elements Required for HPRT1 Expression via Thousands of Large, Programmed Genomic Deletions. American Journal of Human Genetics, 2017, 101, 192-205.	6.2	133
7	Recording development with single cell dynamic lineage tracing. Development (Cambridge), 2019, 146, .	2.5	115
8	FlashFry: a fast and flexible tool for large-scale CRISPR target design. BMC Biology, 2018, 16, 74.	3.8	93
9	Emergence of Neuronal Diversity during Vertebrate Brain Development. Neuron, 2020, 108, 1058-1074.e6.	8.1	51
10	Estimation of cell lineage trees by maximum-likelihood phylogenetics. Annals of Applied Statistics, 2021, 15, .	1.1	12
11	Multiplexed Assembly and Annotation of Synthetic Biology Constructs Using Long-Read Nanopore Sequencing. ACS Synthetic Biology, 2022, 11, 2238-2246.	3.8	10
12	Simultaneous brain cell type and lineage determined by scRNA-seq reveals stereotyped cortical development. Cell Systems, 2022, 13, 438-453.e5.	6.2	2
13	Cellular Barcoding of HSCs during Development Reveals Long-Term Persistence of T Cell Progenitor Clones in the Thymus. Blood, 2020, 136, 32-32.	1.4	0