Kristofer Davie

List of Publications by Year
in descending order

13 papers	2,601 citations	687363 13 h-index	1125743 13 g-index
18 all docs	18 docs citations	18 times ranked	3847 citing authors

#	Article	IF	Citations
1	A Single-Cell Transcriptome Atlas of the Aging Drosophila Brain. Cell, 2018, 174, 982-998.e20.	28.9	616
2	A scalable SCENIC workflow for single-cell gene regulatory network analysis. Nature Protocols, 2020, 15, 2247-2276.	12.0	553
3	cisTopic: cis-regulatory topic modeling on single-cell ATAC-seq data. Nature Methods, 2019, 16, 397-400.	19.0	322
4	Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly. Science, 2022, 375, eabk2432.	12.6	295
5	Discovery of Transcription Factors and Regulatory Regions Driving In Vivo Tumor Development by ATAC-seq and FAIRE-seq Open Chromatin Profiling. PLoS Genetics, 2015, 11, e1004994.	3.5	155
6	Robust gene expression programs underlie recurrent cell states and phenotype switching in melanoma. Nature Cell Biology, 2020, 22, 986-998.	10.3	148
7	The transcription factor Grainy head primes epithelial enhancers for spatiotemporal activation by displacing nucleosomes. Nature Genetics, 2018, 50, 1011-1020.	21.4	122
8	Mapping Gene Regulatory Networks in Drosophila Eye Development by Large-Scale Transcriptome Perturbations and Motif Inference. Cell Reports, 2014, 9, 2290-2303.	6.4	85
9	Multiplex enhancer-reporter assays uncover unsophisticated TP53 enhancer logic. Genome Research, 2016, 26, 882-895.	5.5	70
10	Identification of genomic enhancers through spatial integration of singleâ€cell transcriptomics and epigenomics. Molecular Systems Biology, 2020, 16, e9438.	7.2	60
11	Genomic adaptations to aquatic and aerial life in mayflies and the origin of insect wings. Nature Communications, 2020, 11, 2631.	12.8	57
12	Actuation enhances patterning in human neural tube organoids. Nature Communications, 2021, 12, 3192.	12.8	43
13	Establishment of the mayfly Cloeon dipterum as a new model system to investigate insect evolution. EvoDevo, 2019, 10, 6.	3.2	22