Amit Zeisel

List of Publications by Year in Descending Order

18 papers	7,346 citations	16 h-index	18 g-index
18 ext. papers	10,693 ext. citations	27.2 avg, IF	5.62 L-index

#	Paper	IF	Citations
18	Neuronal atlas of the dorsal horn defines its architecture and links sensory input to transcriptional cell types. *Nature Neuroscience*, **2018**, 21, 869-880	25.5	199
17	Conserved properties of dentate gyrus neurogenesis across postnatal development revealed by single-cell RNA sequencing. *Nature Neuroscience*, **2018**, 21, 290-299	25.5	169
16	Combining 16S rRNA gene variable regions enables high-resolution microbial community profiling. *Microbiome*, **2018**, 6, 17	16.6	91
15	Diversity of Interneurons in the Dorsal Striatum Revealed by Single-Cell RNA Sequencing and PatchSeq. *Cell Reports*, **2018**, 24, 2179-2190.e7	10.6	99
14	RNA velocity of single cells. *Nature*, **2018**, 560, 494-498	50.4	1132
13	Molecular Architecture of the Mouse Nervous System. *Cell*, **2018**, 174, 999-1014.e22	56.2	1081
12	Spatial organization of the somatosensory cortex revealed by osmFISH. *Nature Methods*, **2018**, 15, 932-935	25.6	195
11	Molecular interrogation of hypothalamic organization reveals distinct dopamine neuronal subtypes. *Nature Neuroscience*, **2017**, 20, 176-188	25.5	226
10	STRT-seq-2i: dual-index 5gsingle cell and nucleus RNA-seq on an addressable microwell array. *Scientific Reports*, **2017**, 7, 16327	4.9	50
9	Single-Cell Transcriptomics Reveals that Differentiation and Spatial Signatures Shape Epidermal and Hair Follicle Heterogeneity. *Cell Systems*, **2016**, 3, 221-237.e9	10.6	202
8	Oligodendrocyte heterogeneity in the mouse juvenile and adult central nervous system. *Science*, **2016**, 352, 1326-1329	33.3	497
7	Integration of electrophysiological recordings with single-cell RNA-seq data identifies neuronal subtypes. *Nature Biotechnology*, **2016**, 34, 175-183	44.5	250
6	Molecular Diversity of Midbrain Development in Mouse, Human, and Stem Cells. *Cell*, **2016**, 167, 566-580.e19	56.2	425
5	A secretagogin locus of the mammalian hypothalamus controls stress hormone release. *EMBO Journal*, **2015**, 34, 36-54	13	46
4	Brain structure. Cell types in the mouse cortex and hippocampus revealed by single-cell RNA-seq. *Science*, **2015**, 347, 1138-42	33.3	1883
3	Quantitative single-cell RNA-seq with unique molecular identifiers. *Nature Methods*, **2014**, 11, 163-6	21.6	783
2	Spatial organization of the somatosensory cortex revealed by cyclic smFISH		8

List of Publications