Jeremy A Miller

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9359625/publications.pdf

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31	10,818	218677	395702
papers	citations	26 h-index	33 g-index

51	51	51	17931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conservation and divergence of cortical cell organization in human and mouse revealed by MERFISH. Science, 2022, 377, 56-62.	12.6	107
2	Expansion sequencing: Spatially precise in situ transcriptomics in intact biological systems. Science, 2021, 371, .	12.6	197
3	Consistent cross-modal identification of cortical neurons with coupled autoencoders. Nature Computational Science, 2021, 1, 120-127.	8.0	29
4	The Delayed Neuropathological Consequences of Traumatic Brain Injury in a Community-Based Sample. Frontiers in Neurology, 2021, 12, 624696.	2.4	22
5	Functional enhancer elements drive subclass-selective expression from mouse to primate neocortex. Cell Reports, 2021, 34, 108754.	6.4	88
6	A machine learning method for the discovery of minimum marker gene combinations for cell type identification from single-cell RNA sequencing. Genome Research, 2021, 31, 1767-1780.	5.5	50
7	Scaled, high fidelity electrophysiological, morphological, and transcriptomic cell characterization. ELife, 2021, 10, .	6.0	33
8	Comprehensive in situ mapping of human cortical transcriptomic cell types. Communications Biology, 2021, 4, 998.	4.4	18
9	Human neocortical expansion involves glutamatergic neuron diversification. Nature, 2021, 598, 151-158.	27.8	160
10	Comparative cellular analysis of motor cortex in human, marmoset and mouse. Nature, 2021, 598, 111-119.	27.8	361
11	Anatomical structures, cell types and biomarkers of the Human Reference Atlas. Nature Cell Biology, 2021, 23, 1117-1128.	10.3	68
12	FR-Match: robust matching of cell type clusters from single cell RNA sequencing data using the Friedmanâ€“Rafsky non-parametric test. Briefings in Bioinformatics, 2020, 22, .	6.5	12
13	Transcriptomic evidence that von Economo neurons are regionally specialized extratelencephalic-projecting excitatory neurons. Nature Communications, 2020, 11, 1172.	12.8	70
14	Common cell type nomenclature for the mammalian brain. ELife, 2020, 9, .	6.0	56
15	Conserved cell types with divergent features in human versus mouse cortex. Nature, 2019, 573, 61-68.	27.8	1,198
16	Single-cell transcriptomic evidence for dense intracortical neuropeptide networks. ELife, 2019, 8, .	6.0	98
17	Cell type discovery using single-cell transcriptomics: implications for ontological representation. Human Molecular Genetics, 2018, 27, R40-R47.	2.9	63
18	Single-nucleus and single-cell transcriptomes compared in matched cortical cell types. PLoS ONE, 2018, 13, e0209648.	2.5	400

#	Article	IF	Citations
19	Shared and distinct transcriptomic cell types across neocortical areas. Nature, 2018, 563, 72-78.	27.8	1,323
20	h-Channels Contribute to Divergent Intrinsic Membrane Properties of Supragranular Pyramidal Neurons in Human versus Mouse Cerebral Cortex. Neuron, 2018, 100, 1194-1208.e5.	8.1	134
21	Genetic identification of brain cell types underlying schizophrenia. Nature Genetics, 2018, 50, 825-833.	21.4	497
22	Transcriptomic and morphophysiological evidence for a specialized human cortical GABAergic cell type. Nature Neuroscience, 2018, 21, 1185-1195.	14.8	212
23	Neuropathological and transcriptomic characteristics of the aged brain. ELife, 2017, 6, .	6.0	97
24	Cell type discovery and representation in the era of high-content single cell phenotyping. BMC Bioinformatics, 2017, 18, 559.	2.6	51
25	A comprehensive transcriptional map of primate brain development. Nature, 2016, 535, 367-375.	27.8	341
26	Using single nuclei for RNA-seq to capture the transcriptome of postmortem neurons. Nature Protocols, 2016, 11, 499-524.	12.0	358
27	Canonical genetic signatures of the adult human brain. Nature Neuroscience, 2015, 18, 1832-1844.	14.8	503
28	Transcriptional landscape of the prenatal human brain. Nature, 2014, 508, 199-206.	27.8	1,147
29	Genes and pathways underlying regional and cell type changes in Alzheimer's disease. Genome Medicine, 2013, 5, 48.	8.2	267
30	An anatomically comprehensive atlas of the adult human brain transcriptome. Nature, 2012, 489, 391-399.	27.8	2,321
31	A Systems Level Analysis of Transcriptional Changes in Alzheimer's Disease and Normal Aging. Journal of Neuroscience, 2008, 28, 1410-1420.	3.6	379