

Thuc Nghi Nguyen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

5,789
citations

21
h-index

38
g-index

38
ext. papers

8,871
ext. citations

31.3
avg, IF

4.68
L-index

#	Paper	IF	Citations
37	A mesoscale connectome of the mouse brain. <i>Nature</i> , 2014 , 508, 207-14	50.4	1380
36	Adult mouse cortical cell taxonomy revealed by single cell transcriptomics. <i>Nature Neuroscience</i> , 2016 , 19, 335-46	25.5	1007
35	Shared and distinct transcriptomic cell types across neocortical areas. <i>Nature</i> , 2018 , 563, 72-78	50.4	674
34	Transgenic mice for intersectional targeting of neural sensors and effectors with high specificity and performance. <i>Neuron</i> , 2015 , 85, 942-58	13.9	631
33	Conserved cell types with divergent features in human versus mouse cortex. <i>Nature</i> , 2019 , 573, 61-68	50.4	569
32	A Suite of Transgenic Driver and Reporter Mouse Lines with Enhanced Brain-Cell-Type Targeting and Functionality. <i>Cell</i> , 2018 , 174, 465-480.e22	56.2	253
31	Single-nucleus and single-cell transcriptomes compared in matched cortical cell types. <i>PLoS ONE</i> , 2018 , 13, e0209648	3.7	199
30	Distinct descending motor cortex pathways and their roles in movement. <i>Nature</i> , 2018 , 563, 79-84	50.4	169
29	Identification of preoptic sleep neurons using retrograde labelling and gene profiling. <i>Nature</i> , 2017 , 545, 477-481	50.4	163
28	Classification of electrophysiological and morphological neuron types in the mouse visual cortex. <i>Nature Neuroscience</i> , 2019 , 22, 1182-1195	25.5	160
27	Multimodal Analysis of Cell Types in a Hypothalamic Node Controlling Social Behavior. <i>Cell</i> , 2019 , 179, 713-728.e17	56.2	84
26	A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. <i>Cell</i> , 2021 , 184, 3222-3241.e26	56.2	80
25	Layer-specific chromatin accessibility landscapes reveal regulatory networks in adult mouse visual cortex. <i>ELife</i> , 2017 , 6,	8.9	45
24	A multimodal cell census and atlas of the mammalian primary motor cortex. <i>Nature</i> , 2021 , 598, 86-102	50.4	44
23	Zyxin-mediated actin assembly is required for efficient wound closure. <i>Journal of Biological Chemistry</i> , 2010 , 285, 35439-45	5.4	35
22	Enhancer viruses for combinatorial cell-subclass-specific labeling. <i>Neuron</i> , 2021 , 109, 1449-1464.e13	13.9	26
21	A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation		25

20	A transcriptomic and epigenomic cell atlas of the mouse primary motor cortex. <i>Nature</i> , 2021 , 598, 103-110.4	10.4	23
19	An integrated transcriptomic and epigenomic atlas of mouse primary motor cortex cell types		23
18	Regional, Layer, and Cell-Type-Specific Connectivity of the Mouse Default Mode Network. <i>Neuron</i> , 2021 , 109, 545-559.e8	13.9	23
17	Morphological diversity of single neurons in molecularly defined cell types. <i>Nature</i> , 2021 , 598, 174-181	50.4	21
16	Enhancer viruses and a transgenic platform for combinatorial cell subclass-specific labeling		20
15	Distinct Transcriptomic Cell Types and Neural Circuits of the Subiculum and Prosubiculum along the Dorsal-Ventral Axis. <i>Cell Reports</i> , 2020 , 31, 107648	10.6	19
14	Brain-wide single neuron reconstruction reveals morphological diversity in molecularly defined striatal, thalamic, cortical and claustral neuron types		16
13	Conserved cell types with divergent features between human and mouse cortex		14
12	Cell segmentation-free inference of cell types from in situ transcriptomics data. <i>Nature Communications</i> , 2021 , 12, 3545	17.4	14
11	Shared and distinct transcriptomic cell types across neocortical areas		13
10	A multimodal cell census and atlas of the mammalian primary motor cortex		12
9	Multimodal cell type correspondence by intersectional mFISH in intact tissues		12
8	Cell segmentation-free inference of cell types from in situ transcriptomics data		9
7	Classification of electrophysiological and morphological types in mouse visual cortex		7
6	Single-cell and single-nucleus RNA-seq uncovers shared and distinct axes of variation in dorsal LGN neurons in mice, non-human primates, and humans. <i>ELife</i> , 2021 , 10,	8.9	6
5	Distinct descending motor cortex pathways and their roles in movement		5
4	Regional, layer, and cell-class specific connectivity of the mouse default mode network		3
3	Dense functional and molecular readout of a circuit hub in sensory cortex.. <i>Science</i> , 2022 , 375, eabl5981	33.3	2

2	Single-cell RNA-seq uncovers shared and distinct axes of variation in dorsal LGN neurons in mice, non-human primates and humans	2
1	Dense Functional and Molecular Readout of a Circuit Hub in Sensory Cortex	1