# Thuc Nghi Nguyen

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 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 | Dense functional and molecular readout of a circuit hub in sensory cortex.. *Science*, **2022**, 375, eabl5981 | 33.3 | 2 |
| 36 | A transcriptomic and epigenomic cell atlas of the mouse primary motor cortex. *Nature*, **2021**, 598, 103-110 | 50.4 | 23 |
| 35 | Morphological diversity of single neurons in molecularly defined cell types. *Nature*, **2021**, 598, 174-181 | 50.4 | 21 |
| 34 | A multimodal cell census and atlas of the mammalian primary motor cortex. *Nature*, **2021**, 598, 86-102 | 50.4 | 44 |
| 33 | Enhancer viruses for combinatorial cell-subclass-specific labeling. *Neuron*, **2021**, 109, 1449-1464.e13 | 13.9 | 26 |
| 32 | Cell segmentation-free inference of cell types from in situ transcriptomics data. *Nature Communications*, **2021**, 12, 3545 | 17.4 | 14 |
| 31 | A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. *Cell*, **2021**, 184, 3222-3241.e26 | 56.2 | 80 |
| 30 | Regional, Layer, and Cell-Type-Specific Connectivity of the Mouse Default Mode Network. *Neuron*, **2021**, 109, 545-559.e8 | 13.9 | 23 |
| 29 | 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. *ELife*, **2021**, 10, | 8.9 | 6 |
| 28 | Distinct Transcriptomic Cell Types and Neural Circuits of the Subiculum and Prosubiculum along the Dorsal-Ventral Axis. *Cell Reports*, **2020**, 31, 107648 | 10.6 | 19 |
| 27 | Conserved cell types with divergent features in human versus mouse cortex. *Nature*, **2019**, 573, 61-68 | 50.4 | 569 |
| 26 | Classification of electrophysiological and morphological neuron types in the mouse visual cortex. *Nature Neuroscience*, **2019**, 22, 1182-1195 | 25.5 | 160 |
| 25 | Multimodal Analysis of Cell Types in a Hypothalamic Node Controlling Social Behavior. *Cell*, **2019**, 179, 713-728.e17 | 56.2 | 84 |
| 24 | A Suite of Transgenic Driver and Reporter Mouse Lines with Enhanced Brain-Cell-Type Targeting and Functionality. *Cell*, **2018**, 174, 465-480.e22 | 56.2 | 253 |
| 23 | Single-nucleus and single-cell transcriptomes compared in matched cortical cell types. *PLoS ONE*, **2018**, 13, e0209648 | 3.7 | 199 |
| 22 | Distinct descending motor cortex pathways and their roles in movement. *Nature*, **2018**, 563, 79-84 | 50.4 | 169 |
| 21 | Shared and distinct transcriptomic cell types across neocortical areas. *Nature*, **2018**, 563, 72-78 | 50.4 | 674 |

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| 20 | Identification of preoptic sleep neurons using retrograde labelling and gene profiling. *Nature*, **2017**, 545, 477-481 | 50.4 | 163 |
| 19 | Layer-specific chromatin accessibility landscapes reveal regulatory networks in adult mouse visual cortex. *ELife*, **2017**, 6, | 8.9 | 45 |
| 18 | Adult mouse cortical cell taxonomy revealed by single cell transcriptomics. *Nature Neuroscience*, **2016**, 19, 335-46 | 25.5 | 1007 |
| 17 | Transgenic mice for intersectional targeting of neural sensors and effectors with high specificity and performance. *Neuron*, **2015**, 85, 942-58 | 13.9 | 631 |
| 16 | A mesoscale connectome of the mouse brain. *Nature*, **2014**, 508, 207-14 | 50.4 | 1380 |
| 15 | Zyxin-mediated actin assembly is required for efficient wound closure. *Journal of Biological Chemistry*, **2010**, 285, 35439-45 | 5.4 | 35 |
| 14 | Regional, layer, and cell-class specific connectivity of the mouse default mode network | | 3 |
| 13 | An integrated transcriptomic and epigenomic atlas of mouse primary motor cortex cell types | | 23 |
| 12 | A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation | | 25 |
| 11 | A multimodal cell census and atlas of the mammalian primary motor cortex | | 12 |
| 10 | Single-cell RNA-seq uncovers shared and distinct axes of variation in dorsal LGN neurons in mice, non-human primates and humans | | 2 |
| 9 | Distinct descending motor cortex pathways and their roles in movement | | 5 |
| 8 | Shared and distinct transcriptomic cell types across neocortical areas | | 13 |
| 7 | Classification of electrophysiological and morphological types in mouse visual cortex | | 7 |
| 6 | Conserved cell types with divergent features between human and mouse cortex | | 14 |
| 5 | Enhancer viruses and a transgenic platform for combinatorial cell subclass-specific labeling | | 20 |
| 4 | Multimodal cell type correspondence by intersectional mFISH in intact tissues | | 12 |
| 3 | Brain-wide single neuron reconstruction reveals morphological diversity in molecularly defined striatal, thalamic, cortical and claustral neuron types | | 16 |

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| 2 | Cell segmentation-free inference of cell types from in situ transcriptomics data | 9 |
| 1 | Dense Functional and Molecular Readout of a Circuit Hub in Sensory Cortex | 1 |