

Thuc Nghi Nguyen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11441683/publications.pdf>

Version: 2024-02-01

23
papers

11,122
citations

304743

22
h-index

642732

23
g-index

38
all docs

38
docs citations

38
times ranked

13480
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A mesoscale connectome of the mouse brain. <i>Nature</i> , 2014, 508, 207-214. | 27.8 | 2,143 |
| 2 | Adult mouse cortical cell taxonomy revealed by single cell transcriptomics. <i>Nature Neuroscience</i> , 2016, 19, 335-346. | 14.8 | 1,522 |
| 3 | Shared and distinct transcriptomic cell types across neocortical areas. <i>Nature</i> , 2018, 563, 72-78. | 27.8 | 1,323 |
| 4 | Conserved cell types with divergent features in human versus mouse cortex. <i>Nature</i> , 2019, 573, 61-68. | 27.8 | 1,198 |
| 5 | Transgenic Mice for Intersectional Targeting of Neural Sensors and Effectors with High Specificity and Performance. <i>Neuron</i> , 2015, 85, 942-958. | 8.1 | 992 |
| 6 | 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. | 28.9 | 571 |
| 7 | A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. <i>Cell</i> , 2021, 184, 3222-3241.e26. | 28.9 | 479 |
| 8 | Single-nucleus and single-cell transcriptomes compared in matched cortical cell types. <i>PLoS ONE</i> , 2018, 13, e0209648. | 2.5 | 400 |
| 9 | Classification of electrophysiological and morphological neuron types in the mouse visual cortex. <i>Nature Neuroscience</i> , 2019, 22, 1182-1195. | 14.8 | 333 |
| 10 | Distinct descending motor cortex pathways and their roles in movement. <i>Nature</i> , 2018, 563, 79-84. | 27.8 | 320 |
| 11 | A multimodal cell census and atlas of the mammalian primary motor cortex. <i>Nature</i> , 2021, 598, 86-102. | 27.8 | 316 |
| 12 | Identification of preoptic sleep neurons using retrograde labelling and gene profiling. <i>Nature</i> , 2017, 545, 477-481. | 27.8 | 246 |
| 13 | Multimodal Analysis of Cell Types in a Hypothalamic Node Controlling Social Behavior. <i>Cell</i> , 2019, 179, 713-728.e17. | 28.9 | 186 |
| 14 | Morphological diversity of single neurons in molecularly defined cell types. <i>Nature</i> , 2021, 598, 174-181. | 27.8 | 180 |
| 15 | A transcriptomic and epigenomic cell atlas of the mouse primary motor cortex. <i>Nature</i> , 2021, 598, 103-110. | 27.8 | 166 |
| 16 | Regional, Layer, and Cell-Type-Specific Connectivity of the Mouse Default Mode Network. <i>Neuron</i> , 2021, 109, 545-559.e8. | 8.1 | 94 |
| 17 | Enhancer viruses for combinatorial cell-subclass-specific labeling. <i>Neuron</i> , 2021, 109, 1449-1464.e13. | 8.1 | 93 |
| 18 | Layer-specific chromatin accessibility landscapes reveal regulatory networks in adult mouse visual cortex. <i>ELife</i> , 2017, 6, . | 6.0 | 73 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Cell segmentation-free inference of cell types from in situ transcriptomics data. Nature Communications, 2021, 12, 3545. | 12.8 | 52 |
| 20 | Distinct Transcriptomic Cell Types and Neural Circuits of the Subiculum and Prosubiculum along the Dorsal-Ventral Axis. Cell Reports, 2020, 31, 107648. | 6.4 | 49 |
| 21 | 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, . | 6.0 | 41 |
| 22 | Zyxin-mediated Actin Assembly Is Required for Efficient Wound Closure. Journal of Biological Chemistry, 2010, 285, 35439-35445. | 3.4 | 39 |
| 23 | Dense functional and molecular readout of a circuit hub in sensory cortex. Science, 2022, 375, eabl5981. | 12.6 | 36 |