# Susan M Sunkin

List of Publications by Year
in descending order



| 22 | 21,112 | 331259 | 676716 |
|---|---|---|---|
| papers | citations | 21 h-index | 22 g-index |

| 32 | 32 | 32 | 31160 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cellular resolution anatomical and molecular atlases for prenatal human brains. Journal of Comparative Neurology, 2022, 530, 6-503. | 0.9 | 14 |
| 2 | Local connectivity and synaptic dynamics in mouse and human neocortex. Science, 2022, 375, eabj5861. | 6.0 | 124 |
| 3 | Functional enhancer elements drive subclass-selective expression from mouse to primate neocortex. Cell Reports, 2021, 34, 108754. | 2.9 | 88 |
| 4 | Enhancer viruses for combinatorial cell-subclass-specific labeling. Neuron, 2021, 109, 1449-1464.e13. | 3.8 | 93 |
| 5 | A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. Cell, 2021, 184, 3222-3241.e26. | 13.5 | 479 |
| 6 | Morphological diversity of single neurons in molecularly defined cell types. Nature, 2021, 598, 174-181. | 13.7 | 180 |
| 7 | Human neocortical expansion involves glutamatergic neuron diversification. Nature, 2021, 598, 151-158. | 13.7 | 160 |
| 8 | Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. Cell, 2020, 183, 935-953.e19. | 13.5 | 290 |
| 9 | The Allen Mouse Brain Common Coordinate Framework: A 3D Reference Atlas. Cell, 2020, 181, 936-953.e20. | 13.5 | 597 |
| 10 | Transcriptomic evidence that von Economo neurons are regionally specialized extratelencephalic-projecting excitatory neurons. Nature Communications, 2020, 11, 1172. | 5.8 | 70 |
| 11 | Conserved cell types with divergent features in human versus mouse cortex. Nature, 2019, 573, 61-68. | 13.7 | 1,198 |
| 12 | Classification of electrophysiological and morphological neuron types in the mouse visual cortex. Nature Neuroscience, 2019, 22, 1182-1195. | 7.1 | 333 |
| 13 | Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, . | 6.0 | 516 |
| 14 | Shared and distinct transcriptomic cell types across neocortical areas. Nature, 2018, 563, 72-78. | 13.7 | 1,323 |
| 15 | A Suite of Transgenic Driver and Reporter Mouse Lines with Enhanced Brain-Cell-Type Targeting and Functionality. Cell, 2018, 174, 465-480.e22. | 13.5 | 571 |
| 16 | Adult mouse cortical cell taxonomy revealed by single cell transcriptomics. Nature Neuroscience, 2016, 19, 335-346. | 7.1 | 1,522 |
| 17 | Transgenic Mice for Intersectional Targeting of Neural Sensors and Effectors with High Specificity and Performance. Neuron, 2015, 85, 942-958. | 3.8 | 992 |
| 18 | Anatomical characterization of Cre driver mice for neural circuit mapping and manipulation. Frontiers in Neural Circuits, 2014, 8, 76. | 1.4 | 383 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Transcriptional landscape of the prenatal human brain. Nature, 2014, 508, 199-206. | 13.7 | 1,147 |
| 20 | A robust and high-throughput Cre reporting and characterization system for the whole mouse brain. Nature Neuroscience, 2010, 13, 133-140. | 7.1 | 5,650 |
| 21 | Genomic Anatomy of the Hippocampus. Neuron, 2008, 60, 1010-1021. | 3.8 | 337 |
| 22 | Genome-wide atlas of gene expression in the adult mouse brain. Nature, 2007, 445, 168-176. | 13.7 | 4,863 |