

Susan M Sunkin

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

21,112
citations

331259

21
h-index

676716

22
g-index

32
all docs

32
docs citations

32
times ranked

31160
citing authors

#	ARTICLE	IF	CITATIONS
1	A robust and high-throughput Cre reporting and characterization system for the whole mouse brain. <i>Nature Neuroscience</i> , 2010, 13, 133-140.	7.1	5,650
2	Genome-wide atlas of gene expression in the adult mouse brain. <i>Nature</i> , 2007, 445, 168-176.	13.7	4,863
3	Adult mouse cortical cell taxonomy revealed by single cell transcriptomics. <i>Nature Neuroscience</i> , 2016, 19, 335-346.	7.1	1,522
4	Shared and distinct transcriptomic cell types across neocortical areas. <i>Nature</i> , 2018, 563, 72-78.	13.7	1,323
5	Conserved cell types with divergent features in human versus mouse cortex. <i>Nature</i> , 2019, 573, 61-68.	13.7	1,198
6	Transcriptional landscape of the prenatal human brain. <i>Nature</i> , 2014, 508, 199-206.	13.7	1,147
7	Transgenic Mice for Intersectional Targeting of Neural Sensors and Effectors with High Specificity and Performance. <i>Neuron</i> , 2015, 85, 942-958.	3.8	992
8	The Allen Mouse Brain Common Coordinate Framework: A 3D Reference Atlas. <i>Cell</i> , 2020, 181, 936-953.e20.	13.5	597
9	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.	13.5	571
10	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. <i>Science</i> , 2018, 362, .	6.0	516
11	A taxonomy of transcriptomic cell types across the isocortex and hippocampal formation. <i>Cell</i> , 2021, 184, 3222-3241.e26.	13.5	479
12	Anatomical characterization of Cre driver mice for neural circuit mapping and manipulation. <i>Frontiers in Neural Circuits</i> , 2014, 8, 76.	1.4	383
13	Genomic Anatomy of the Hippocampus. <i>Neuron</i> , 2008, 60, 1010-1021.	3.8	337
14	Classification of electrophysiological and morphological neuron types in the mouse visual cortex. <i>Nature Neuroscience</i> , 2019, 22, 1182-1195.	7.1	333
15	Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. <i>Cell</i> , 2020, 183, 935-953.e19.	13.5	290
16	Morphological diversity of single neurons in molecularly defined cell types. <i>Nature</i> , 2021, 598, 174-181.	13.7	180
17	Human neocortical expansion involves glutamatergic neuron diversification. <i>Nature</i> , 2021, 598, 151-158.	13.7	160
18	Local connectivity and synaptic dynamics in mouse and human neocortex. <i>Science</i> , 2022, 375, eabj5861.	6.0	124

#	ARTICLE	IF	CITATIONS
19	Enhancer viruses for combinatorial cell-subclass-specific labeling. <i>Neuron</i> , 2021, 109, 1449-1464.e13.	3.8	93
20	Functional enhancer elements drive subclass-selective expression from mouse to primate neocortex. <i>Cell Reports</i> , 2021, 34, 108754.	2.9	88
21	Transcriptomic evidence that von Economo neurons are regionally specialized extratelencephalic-projecting excitatory neurons. <i>Nature Communications</i> , 2020, 11, 1172.	5.8	70
22	Cellular resolution anatomical and molecular atlases for prenatal human brains. <i>Journal of Comparative Neurology</i> , 2022, 530, 6-503.	0.9	14