

Tanya L Daigle

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

5,077
citations

361045

20
h-index

610482

24
g-index

35
all docs

35
docs citations

35
times ranked

6859
citing authors

#	ARTICLE	IF	CITATIONS
1	Shared and distinct transcriptomic cell types across neocortical areas. <i>Nature</i> , 2018, 563, 72-78.	13.7	1,323
2	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
3	Acute Brain Slice Methods for Adult and Aging Animals: Application of Targeted Patch Clamp Analysis and Optogenetics. <i>Methods in Molecular Biology</i> , 2014, 1183, 221-242.	0.4	533
4	Comparative cellular analysis of motor cortex in human, marmoset and mouse. <i>Nature</i> , 2021, 598, 111-119.	13.7	361
5	Classification of electrophysiological and morphological neuron types in the mouse visual cortex. <i>Nature Neuroscience</i> , 2019, 22, 1182-1195.	7.1	333
6	A multimodal cell census and atlas of the mammalian primary motor cortex. <i>Nature</i> , 2021, 598, 86-102.	13.7	316
7	Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. <i>Cell</i> , 2020, 183, 935-953.e19.	13.5	290
8	Morphological diversity of single neurons in molecularly defined cell types. <i>Nature</i> , 2021, 598, 174-181.	13.7	180
9	Rapid CB1 cannabinoid receptor desensitization defines the time course of ERK1/2 MAP kinase signaling. <i>Neuropharmacology</i> , 2008, 54, 36-44.	2.0	135
10	Local connectivity and synaptic dynamics in mouse and human neocortex. <i>Science</i> , 2022, 375, eabj5861.	6.0	124
11	A Dopamine D1 Receptor-Dependent \hat{I}^2 -Arrestin Signaling Complex Potentially Regulates Morphine-Induced Psychomotor Activation but not Reward in Mice. <i>Neuropsychopharmacology</i> , 2011, 36, 551-558.	2.8	101
12	Regulation of CB ₁ cannabinoid receptor internalization by a promiscuous phosphorylation-dependent mechanism. <i>Journal of Neurochemistry</i> , 2008, 106, 70-82.	2.1	97
13	Enhancer viruses for combinatorial cell-subclass-specific labeling. <i>Neuron</i> , 2021, 109, 1449-1464.e13.	3.8	93
14	Targeting \hat{I}^2 -arrestin2 in the treatment of $\langle scp \rangle \langle /scp \rangle$ -DOPA-induced dyskinesia in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2517-26.	3.3	91
15	Alternating sources of perisomatic inhibition during behavior. <i>Neuron</i> , 2021, 109, 997-1012.e9.	3.8	67
16	Signature morpho-electric, transcriptomic, and dendritic properties of human layer 5 neocortical pyramidal neurons. <i>Neuron</i> , 2021, 109, 2914-2927.e5.	3.8	54
17	Visual Cortex Gains Independence from Peripheral Drive before Eye Opening. <i>Neuron</i> , 2019, 104, 711-723.e3.	3.8	53
18	<i>In vivo</i> sub-millisecond two-photon optogenetics with temporally focused patterned light. <i>Journal of Neuroscience</i> , 2019, 39, 1785-18.	1.7	53

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19	Brainwide Genetic Sparse Cell Labeling to Illuminate the Morphology of Neurons and Glia with Cre-Dependent MORF Mice. <i>Neuron</i> , 2020, 108, 111-127.e6.	3.8	37
20	RecV recombinase system for in vivo targeted optogenomic modifications of single cells or cell populations. <i>Nature Methods</i> , 2020, 17, 422-429.	9.0	36
21	Selective Deletion of GRK2 Alters Psychostimulant-Induced Behaviors and Dopamine Neurotransmission. <i>Neuropsychopharmacology</i> , 2014, 39, 2450-2462.	2.8	19
22	Elimination of GRK2 from Cholinergic Neurons Reduces Behavioral Sensitivity to Muscarinic Receptor Activation. <i>Journal of Neuroscience</i> , 2012, 32, 11461-11466.	1.7	11
23	Intersectional mapping of multi-transmitter neurons and other cell types in the brain. <i>Cell Reports</i> , 2022, 40, 111036.	2.9	9
24	Opposite function of dopamine D1 and <i>N</i> -methyl-D-aspartate receptors in striatal cannabinoid-mediated signaling. <i>European Journal of Neuroscience</i> , 2011, 34, 1378-1389.	1.2	7