Tanya L Daigle

List of Publications by Year
in descending order

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24 papers	5,077 citations	361296 20 h-index	610775 24 g-index
35 all docs	35 docs citations	35 times ranked	6859 citing authors

#	Article	IF	Citations
1	Local connectivity and synaptic dynamics in mouse and human neocortex. Science, 2022, 375, eabj5861.	6.0	124
2	Intersectional mapping of multi-transmitter neurons and other cell types in the brain. Cell Reports, 2022, 40, 111036.	2.9	9
3	Alternating sources of perisomatic inhibition during behavior. Neuron, 2021, 109, 997-1012.e9.	3.8	67
4	Enhancer viruses for combinatorial cell-subclass-specific labeling. Neuron, 2021, 109, 1449-1464.e13.	3.8	93
5	Signature morpho-electric, transcriptomic, and dendritic properties of human layer 5 neocortical pyramidal neurons. Neuron, 2021, 109, 2914-2927.e5.	3.8	54
6	Morphological diversity of single neurons in molecularly defined cell types. Nature, 2021, 598, 174-181.	13.7	180
7	Comparative cellular analysis of motor cortex in human, marmoset and mouse. Nature, 2021, 598, 111-119.	13.7	361
8	A multimodal cell census and atlas of the mammalian primary motor cortex. Nature, 2021, 598, 86-102.	13.7	316
9	Brainwide Genetic Sparse Cell Labeling to Illuminate the Morphology of Neurons and Glia with Cre-Dependent MORF Mice. Neuron, 2020, 108, 111-127.e6.	3.8	37
10	Integrated Morphoelectric and Transcriptomic Classification of Cortical GABAergic Cells. Cell, 2020, 183, 935-953.e19.	13.5	290
11	RecV recombinase system for in vivo targeted optogenomic modifications of single cells or cell populations. Nature Methods, 2020, 17, 422-429.	9.0	36
12	Visual Cortex Gains Independence from Peripheral Drive before Eye Opening. Neuron, 2019, 104, 711-723.e3.	3.8	53
13	Classification of electrophysiological and morphological neuron types in the mouse visual cortex. Nature Neuroscience, 2019, 22, 1182-1195.	7.1	333
14	In vivo sub-millisecond two-photon optogenetics with temporally focused patterned light. Journal of Neuroscience, 2019, 39, 1785-18.	1.7	53
15	Shared and distinct transcriptomic cell types across neocortical areas. Nature, 2018, 563, 72-78.	13.7	1,323
16	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
17	Targeting Î²-arrestin2 in the treatment of <scp>l</scp> -DOPAâ€“induced dyskinesia in Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2517-26.	3.3	91
18	Selective Deletion of GRK2 Alters Psychostimulant-Induced Behaviors and Dopamine Neurotransmission. Neuropsychopharmacology, 2014, 39, 2450-2462.	2.8	19

#	Article	IF	Citations
19	Acute Brain Slice Methods for Adult and Aging Animals: Application of Targeted Patch Clamp Analysis and Optogenetics. Methods in Molecular Biology, 2014, 1183, 221-242.	0.4	533
20	Elimination of GRK2 from Cholinergic Neurons Reduces Behavioral Sensitivity to Muscarinic Receptor Activation. Journal of Neuroscience, 2012, 32, 11461-11466.	1.7	11
21	Opposite function of dopamine D1 and Nâ€methylâ€Dâ€aspartate receptors in striatal cannabinoidâ€mediated signaling. European Journal of Neuroscience, 2011, 34, 1378-1389.	1.2	7
22	A Dopamine D1 Receptor-Dependent Î²-Arrestin Signaling Complex Potentially Regulates Morphine-Induced Psychomotor Activation but not Reward in Mice. Neuropsychopharmacology, 2011, 36, 551-558.	2.8	101
23	Regulation of CB₁ cannabinoid receptor internalization by a promiscuous phosphorylationâ€dependent mechanism. Journal of Neurochemistry, 2008, 106, 70-82.	2.1	97
24	Rapid CB1 cannabinoid receptor desensitization defines the time course of ERK1/2 MAP kinase signaling. Neuropharmacology, 2008, 54, 36-44.	2.0	135