

Jennifer D Whitesell

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,090
citations

430874

18
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

2619
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical organization of cortical and thalamic connectivity. <i>Nature</i> , 2019, 575, 195-202.	27.8	421
2	Survey of spiking in the mouse visual system reveals functional hierarchy. <i>Nature</i> , 2021, 592, 86-92.	27.8	284
3	Nontoxic, double-deletion-mutant rabies viral vectors for retrograde targeting of projection neurons. <i>Nature Neuroscience</i> , 2018, 21, 638-646.	14.8	171
4	Associative Cortex Features in the First Olfactory Brain Relay Station. <i>Neuron</i> , 2011, 69, 1176-1187.	8.1	165
5	Mitral Cells in the Olfactory Bulb Are Mainly Excited through a Multistep Signaling Path. <i>Journal of Neuroscience</i> , 2012, 32, 2964-2975.	3.6	145
6	Kv2.1 Potassium Channels Are Retained within Dynamic Cell Surface Microdomains That Are Defined by a Perimeter Fence. <i>Journal of Neuroscience</i> , 2006, 26, 9609-9618.	3.6	115
7	Regional, Layer, and Cell-Type-Specific Connectivity of the Mouse Default Mode Network. <i>Neuron</i> , 2021, 109, 545-559.e8.	8.1	94
8	Information for decision-making and stimulus identification is multiplexed in sensory cortex. <i>Nature Neuroscience</i> , 2013, 16, 991-993.	14.8	82
9	Network structure of the mouse brain connectome with voxel resolution. <i>Science Advances</i> , 2020, 6, .	10.3	77
10	Interglomerular Lateral Inhibition Targeted on External Tufted Cells in the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2013, 33, 1552-1563.	3.6	76
11	Whole brain imaging reveals distinct spatial patterns of amyloid beta deposition in three mouse models of Alzheimer's disease. <i>Journal of Comparative Neurology</i> , 2019, 527, 2122-2145.	1.6	76
12	High-resolution data-driven model of the mouse connectome. <i>Network Neuroscience</i> , 2019, 3, 217-236.	2.6	69
13	Neuroendocrine Plasticity in the Anterior Pituitary: Gonadotropin-Releasing Hormone-Mediated Movement in Vitro and in Vivo. <i>Endocrinology</i> , 2007, 148, 1736-1744.	2.8	53
14	From the top down: flexible reading of a fragmented odor map. <i>Trends in Neurosciences</i> , 2009, 32, 525-531.	8.6	45
15	Localization and mobility of the delayed-rectifier K ⁺ channel Kv2.1 in adult cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H229-H237.	3.2	37
16	Novel App knock-in mouse model shows key features of amyloid pathology and reveals profound metabolic dysregulation of microglia. <i>Molecular Neurodegeneration</i> , 2022, 17, .	10.8	26
17	The Stargazin C Terminus Encodes an Intrinsic and Transferable Membrane Sorting Signal. <i>Journal of Biological Chemistry</i> , 2008, 283, 1597-1600.	3.4	25
18	Role of Cortactin in Dynamic Actin Remodeling Events in Gonadotrope Cells. <i>Endocrinology</i> , 2014, 155, 548-557.	2.8	19

#	ARTICLE	IF	CITATIONS
19	Metabotropic glutamate receptors promote disinhibition of olfactory bulb glomeruli that scales with input strength. <i>Journal of Neurophysiology</i> , 2015, 113, 1907-1920.	1.8	18
20	Does a Nonclassical Signaling Mechanism Underlie an Increase of Estradiol-Mediated Gonadotropin-Releasing Hormone Receptor Binding in Ovine Pituitary Cells?1. <i>Biology of Reproduction</i> , 2011, 85, 770-778.	2.7	17
21	Dynamin Is Required for GnRH Signaling to L-Type Calcium Channels and Activation of ERK. <i>Endocrinology</i> , 2016, 157, 831-843.	2.8	14
22	Need for Related Multipronged Approaches to Understand Olfactory Bulb Signal Processing. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 298-305.	3.8	3