

Tara Keck

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,907
citations

516710

16
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

4286
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term, high-resolution imaging in the mouse neocortex through a chronic cranial window. <i>Nature Protocols</i> , 2009, 4, 1128-1144.	12.0	894
2	Synaptic Scaling and Homeostatic Plasticity in the Mouse Visual Cortex In Vivo. <i>Neuron</i> , 2013, 80, 327-334.	8.1	301
3	Three-dimensional imaging of the unsectioned adult spinal cord to assess axon regeneration and glial responses after injury. <i>Nature Medicine</i> , 2012, 18, 166-171.	30.7	298
4	Epilepsy in Small-World Networks. <i>Journal of Neuroscience</i> , 2004, 24, 8075-8083.	3.6	285
5	Massive restructuring of neuronal circuits during functional reorganization of adult visual cortex. <i>Nature Neuroscience</i> , 2008, 11, 1162-1167.	14.8	275
6	Loss of Sensory Input Causes Rapid Structural Changes of Inhibitory Neurons in Adult Mouse Visual Cortex. <i>Neuron</i> , 2011, 71, 869-882.	8.1	210
7	Subnetwork-Specific Homeostatic Plasticity in Mouse Visual Cortex In Vivo. <i>Neuron</i> , 2015, 86, 1290-1303.	8.1	96
8	Deprivation-Induced Homeostatic Spine Scaling In Vivo Is Localized to Dendritic Branches that Have Undergone Recent Spine Loss. <i>Neuron</i> , 2017, 96, 871-882.e5.	8.1	91
9	Interactions between synaptic homeostatic mechanisms: an attempt to reconcile BCM theory, synaptic scaling, and changing excitation/inhibition balance. <i>Current Opinion in Neurobiology</i> , 2017, 43, 87-93.	4.2	75
10	Imaging Neuronal Populations in Behaving Rodents: Paradigms for Studying Neural Circuits Underlying Behavior in the Mammalian Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 17631-17640.	3.6	58
11	Molecular and Electrophysiological Characterization of GFP-Expressing CA1 Interneurons in CAD65-GFP Mice. <i>PLoS ONE</i> , 2010, 5, e15915.	2.5	48
12	Glycinergic Inhibition in the Hippocampus. <i>Reviews in the Neurosciences</i> , 2009, 20, 13-22.	2.9	31
13	Adult plasticity and cortical reorganization after peripheral lesions. <i>Current Opinion in Neurobiology</i> , 2015, 35, 136-141.	4.2	24
14	Nonlinear Transfer of Signal and Noise Correlations in Cortical Networks. <i>Journal of Neuroscience</i> , 2015, 35, 8065-8080.	3.6	22
15	Frequency-Dependent Glycinergic Inhibition Modulates Plasticity in Hippocampus. <i>Journal of Neuroscience</i> , 2008, 28, 7359-7369.	3.6	21
16	Cre-Dependent Expression of Multiple Transgenes in Isolated Neurons of the Adult Forebrain. <i>PLoS ONE</i> , 2008, 3, e3059.	2.5	11
17	Editorial overview: Neurobiology of learning and plasticity. <i>Current Opinion in Neurobiology</i> , 2021, 67, iii-v.	4.2	2
18	Microglia Tweak Retinogeniculate Pathways during Visual Circuit Refinement. <i>Neuron</i> , 2020, 108, 397-399.	8.1	1

#	ARTICLE	IF	CITATIONS
19	The Ups and Downs of Firing Rate Homeostasis. Neuron, 2021, 109, 401-403.	8.1	0