

Yulia Bereshpolova

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

620
citations

687363

13
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

669
citing authors

#	ARTICLE	IF	CITATIONS
1	Three rules govern thalamocortical connectivity of fast-spike inhibitory interneurons in the visual cortex. <i>ELife</i> , 2020, 9, .	6.0	17
2	Activation of a Visual Cortical Column by a Directionally Selective Thalamocortical Neuron. <i>Cell Reports</i> , 2019, 27, 3733-3740.e3.	6.4	14
3	Cortical Balance Between ON and OFF Visual Responses Is Modulated by the Spatial Properties of the Visual Stimulus. <i>Cerebral Cortex</i> , 2019, 29, 336-355.	2.9	39
4	Axonal Conduction Delays, Brain State, and Corticogeniculate Communication. <i>Journal of Neuroscience</i> , 2017, 37, 6342-6358.	3.6	43
5	Mixing of Chromatic and Luminance Retinal Signals in Primate Area V1. <i>Cerebral Cortex</i> , 2015, 25, 1920-1937.	2.9	27
6	Hour-long adaptation in the awake early visual system. <i>Journal of Neurophysiology</i> , 2015, 114, 1172-1182.	1.8	13
7	Brain State Effects on Layer 4 of the Awake Visual Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 3888-3900.	3.6	25
8	Directional selective neurons in the awake LGN: response properties and modulation by brain state. <i>Journal of Neurophysiology</i> , 2014, 112, 362-373.	1.8	26
9	Layer 4 in Primary Visual Cortex of the Awake Rabbit: Contrasting Properties of Simple Cells and Putative Feedforward Inhibitory Interneurons. <i>Journal of Neuroscience</i> , 2013, 33, 11372-11389.	3.6	33
10	Getting Drowsy? Alert/Nonalert Transitions and Visual Thalamocortical Network Dynamics. <i>Journal of Neuroscience</i> , 2011, 31, 17480-17487.	3.6	43
11	Stability of Thalamocortical Synaptic Transmission across Awake Brain States. <i>Journal of Neuroscience</i> , 2009, 29, 6851-6859.	3.6	53
12	The Impact of an LGNd Impulse on the Awake Visual Cortex: Synaptic Dynamics and the Sustained/Transient Distinction. <i>Journal of Neuroscience</i> , 2008, 28, 5018-5028.	3.6	48
13	Dendritic Backpropagation and the State of the Awake Neocortex. <i>Journal of Neuroscience</i> , 2007, 27, 9392-9399.	3.6	40
14	Thalamic Burst Mode and Inattention in the Awake LGNd. <i>Neuron</i> , 2006, 49, 421-432.	8.1	123
15	The Impact of a Corticotectal Impulse on the Awake Superior Colliculus. <i>Journal of Neuroscience</i> , 2006, 26, 2250-2259.	3.6	28
16	A Multi-Channel, Implantable Microdrive System for Use With Sharp, Ultra-Fine <i>Reitboeck</i> Microelectrodes. <i>Journal of Neurophysiology</i> , 2005, 93, 2959-2965.	1.8	48