

Ferenc Matyas

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

2,162
citations

516561

16
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

3362
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane Potential Dynamics of GABAergic Neurons in the Barrel Cortex of Behaving Mice. <i>Neuron</i> , 2010, 65, 422-435.	3.8	409
2	Motor Control by Sensory Cortex. <i>Science</i> , 2010, 330, 1240-1243.	6.0	326
3	Long-range connectivity of mouse primary somatosensory barrel cortex. <i>European Journal of Neuroscience</i> , 2010, 31, 2221-2233.	1.2	285
4	Identification of the sites of 2-arachidonoylglycerol synthesis and action imply retrograde endocannabinoid signaling at both GABAergic and glutamatergic synapses in the ventral tegmental area. <i>Neuropharmacology</i> , 2008, 54, 95-107.	2.0	163
5	Subcellular localization of type 1 cannabinoid receptors in the rat basal ganglia. <i>Neuroscience</i> , 2006, 137, 337-361.	1.1	161
6	Ongoing Network State Controls the Length of Sleep Spindles via Inhibitory Activity. <i>Neuron</i> , 2014, 82, 1367-1379.	3.8	109
7	Correlated species differences in the effects of cannabinoid ligands on anxiety and on GABAergic and glutamatergic synaptic transmission. <i>European Journal of Neuroscience</i> , 2007, 25, 2445-2456.	1.2	91
8	Lateralization of observational fear learning at the cortical but not thalamic level in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15497-15501.	3.3	90
9	The fear circuit of the mouse forebrain: connections between the mediodorsal thalamus, frontal cortices and basolateral amygdala. <i>European Journal of Neuroscience</i> , 2014, 39, 1810-1823.	1.2	80
10	Convergence of excitatory and inhibitory inputs onto CCK-containing basket cells in the CA1 area of the rat hippocampus. <i>European Journal of Neuroscience</i> , 2004, 19, 1243-1256.	1.2	72
11	Immunocytochemically defined interneuron populations in the hippocampus of mouse strains used in transgenic technology. <i>Hippocampus</i> , 2004, 14, 460-481.	0.9	69
12	Slow insertion of silicon probes improves the quality of acute neuronal recordings. <i>Scientific Reports</i> , 2019, 9, 111.	1.6	67
13	Control of aversion by glycine-gated GluN1/GluN3A NMDA receptors in the adult medial habenula. <i>Science</i> , 2019, 366, 250-254.	6.0	64
14	A highly collateralized thalamic cell type with arousal-predicting activity serves as a key hub for graded state transitions in the forebrain. <i>Nature Neuroscience</i> , 2018, 21, 1551-1562.	7.1	60
15	Associative and plastic thalamic signaling to the lateral amygdala controls fear behavior. <i>Nature Neuroscience</i> , 2020, 23, 625-637.	7.1	58
16	Phasic, Nonsynaptic GABA-A Receptor-Mediated Inhibition Entrain Thalamocortical Oscillations. <i>Journal of Neuroscience</i> , 2014, 34, 7137-7147.	1.7	46
17	Molecular architecture of the cannabinoid signaling system in the core of the nucleus accumbens. <i>Ideggyogyaszati Szemle</i> , 2007, 60, 187-91.	0.4	12