

# Laszlo Acsady

## List of Publications by Year in descending order

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56  
papers

6,633  
citations

76326

40  
h-index

168389

53  
g-index

58  
all docs

58  
docs citations

58  
times ranked

5761  
citing authors

#	ARTICLE	IF	CITATIONS
1	GABAergic Cells Are the Major Postsynaptic Targets of Mossy Fibers in the Rat Hippocampus. <i>Journal of Neuroscience</i> , 1998, 18, 3386-3403.	3.6	650
2	Distribution of CB1 Cannabinoid Receptors in the Amygdala and their Role in the Control of GABAergic Transmission. <i>Journal of Neuroscience</i> , 2001, 21, 9506-9518.	3.6	580
3	Theta oscillations in somata and dendrites of hippocampal pyramidal cells in vivo: Activity-dependent phase-precession of action potentials. <i>Hippocampus</i> , 1998, 8, 244-261.	1.9	454
4	Serotonergic control of the hippocampus via local inhibitory interneurons.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 8501-8505.	7.1	341
5	Different populations of vasoactive intestinal polypeptide-immunoreactive interneurons are specialized to control pyramidal cells or interneurons in the hippocampus. <i>Neuroscience</i> , 1996, 73, 317-334.	2.3	288
6	Gamma frequency oscillation in the hippocampus of the rat: intracellular analysis in vivo. <i>European Journal of Neuroscience</i> , 1998, 10, 718-728.	2.6	277
7	Dendritic Spikes Are Enhanced by Cooperative Network Activity in the Intact Hippocampus. <i>Journal of Neuroscience</i> , 1998, 18, 3919-3928.	3.6	225
8	Postsynaptic targets of somatostatin-immunoreactive interneurons in the rat hippocampus. <i>Neuroscience</i> , 1999, 88, 37-55.	2.3	198
9	Selective GABAergic innervation of thalamic nuclei from zona incerta. <i>European Journal of Neuroscience</i> , 2002, 16, 999-1014.	2.6	192
10	Distinct interneuron types express m2 muscarinic receptor immunoreactivity on their dendrites or axon terminals in the hippocampus. <i>Neuroscience</i> , 1997, 82, 355-376.	2.3	190
11	Correlated morphological and neurochemical features identify different subsets of vasoactive intestinal polypeptide-immunoreactive interneurons in rat hippocampus. <i>Neuroscience</i> , 1996, 73, 299-315.	2.3	176
12	Feedforward Inhibitory Control of Sensory Information in Higher-Order Thalamic Nuclei. <i>Journal of Neuroscience</i> , 2005, 25, 7489-7498.	3.6	168
13	Thalamic Inhibition: Diverse Sources, Diverse Scales. <i>Trends in Neurosciences</i> , 2016, 39, 680-693.	8.6	168
14	Selective GABAergic Control of Higher-Order Thalamic Relays. <i>Neuron</i> , 2005, 45, 929-940.	8.1	157
15	Distinct Thalamic Reticular Cell Types Differentially Modulate Normal and Pathological Cortical Rhythms. <i>Cell Reports</i> , 2017, 19, 2130-2142.	6.4	150
16	Principal cells are the postsynaptic targets of supramammillary afferents in the hippocampus of the rat. <i>Hippocampus</i> , 1994, 4, 322-334.	1.9	131
17	Feed-forward and feed-back activation of the dentate gyrus in vivo during dentate spikes and sharp wave bursts. , 1998, 7, 437-450.		128
18	Calretinin is present in non-pyramidal cells of the rat hippocampus. Their inputs from the median raphe and medial septal nuclei. <i>Neuroscience</i> , 1993, 52, 829-841.	2.3	115

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19	Ongoing Network State Controls the Length of Sleep Spindles via Inhibitory Activity. <i>Neuron</i> , 2014, 82, 1367-1379.	8.1	109
20	Structural basis of the cholinergic and serotonergic modulation of GABAergic neurons in the hippocampus. <i>Neurochemistry International</i> , 1999, 34, 359-372.	3.8	100
21	Drivers of the Primate Thalamus. <i>Journal of Neuroscience</i> , 2012, 32, 17894-17908.	3.6	100
22	Co-localization of vasoactive intestinal polypeptide, $\hat{1}^3$ -aminobutyric acid and choline acetyltransferase in neocortical interneurons of the adult rat. <i>Brain Research</i> , 1997, 757, 209-217.	2.2	95
23	Models, structure, function: the transformation of cortical signals in the dentate gyrus. <i>Progress in Brain Research</i> , 2007, 163, 577-599.	1.4	93
24	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.	7.1	90
25	Target Selectivity and Neurochemical Characteristics of VIP-immunoreactive Interneurons in the Rat Dentate Gyrus. <i>European Journal of Neuroscience</i> , 1996, 8, 1415-1431.	2.6	86
26	Septal GABAergic neurons innervate inhibitory interneurons in the hippocampus of the macaque monkey. <i>Neuroscience</i> , 1991, 41, 381-390.	2.3	85
27	The effects of p-chlorophenylalanine-induced serotonin synthesis inhibition and muscarinic blockade on the performance of rats in a 5-choice serial reaction time task. <i>Behavioural Brain Research</i> , 1992, 51, 29-40.	2.2	81
28	Expression of NGF and NT3 mRNAs in Hippocampal Interneurons Innervated by the GABAergic Septohippocampal Pathway. <i>Journal of Neuroscience</i> , 1996, 16, 3991-4004.	3.6	80
29	Unusual Target Selectivity of Perisomatic Inhibitory Cells in the Hilar Region of the Rat Hippocampus. <i>Journal of Neuroscience</i> , 2000, 20, 6907-6919.	3.6	76
30	Structural Correlates of Efficient GABAergic Transmission in the Basal Ganglia-Thalamus Pathway. <i>Journal of Neuroscience</i> , 2008, 28, 3090-3102.	3.6	73
31	A subcortical inhibitory signal for behavioral arrest in the thalamus. <i>Nature Neuroscience</i> , 2015, 18, 562-568.	14.8	68
32	Control of aversion by glycine-gated GluN1/GluN3A NMDA receptors in the adult medial habenula. <i>Science</i> , 2019, 366, 250-254.	12.6	64
33	Cortical Control of Zona Incerta. <i>Journal of Neuroscience</i> , 2007, 27, 1670-1681.	3.6	63
34	Immunostaining for substance P receptor labels GABAergic cells with distinct termination patterns in the hippocampus. <i>Journal of Comparative Neurology</i> , 1997, 378, 320-336.	1.6	60
35	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.	14.8	60
36	Corticothalamic 5-9 Hz oscillations are more pro-epileptogenic than sleep spindles in rats. <i>Journal of Physiology</i> , 2006, 574, 209-227.	2.9	59

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37	The supramammillary nucleus innervates cholinergic and GABAergic neurons in the medial septum-diagonal band of Broca complex. <i>Neuroscience</i> , 1997, 82, 1053-1065.	2.3	57
38	Phase Advancement and Nucleus-Specific Timing of Thalamocortical Activity during Slow Cortical Oscillation. <i>Journal of Neuroscience</i> , 2011, 31, 607-617.	3.6	55
39	Mossy Cells of the Rat Dentate Gyrus are Immunoreactive for Calcitonin Gene-related Peptide (CGRP). <i>European Journal of Neuroscience</i> , 1997, 9, 1815-1830.	2.6	52
40	Phasic, Nonsynaptic GABA-A Receptor-Mediated Inhibition Entrain Thalamocortical Oscillations. <i>Journal of Neuroscience</i> , 2014, 34, 7137-7147.	3.6	46
41	Medial septal and median raphe innervation of vasoactive intestinal polypeptide-containing interneurons in the hippocampus. <i>Neuroscience</i> , 1999, 90, 369-382.	2.3	44
42	Differential distribution of the KCl cotransporter KCC2 in thalamic relay and reticular nuclei. <i>European Journal of Neuroscience</i> , 2004, 20, 965-975.	2.6	44
43	Contrasting the Functional Properties of GABAergic Axon Terminals with Single and Multiple Synapses in the Thalamus. <i>Journal of Neuroscience</i> , 2008, 28, 11848-11861.	3.6	43
44	Topographic distribution of dorsal and median raphe neurons with hippocampal, septal and dual projection. <i>Acta Biologica Hungarica</i> , 1996, 47, 9-19.	0.7	35
45	Large-scale recording of thalamocortical circuits: in vivo electrophysiology with the two-dimensional electronic depth control silicon probe. <i>Journal of Neurophysiology</i> , 2016, 116, 2312-2330.	1.8	33
46	Vibrissal Responses of Thalamic Cells That Project to the Septal Columns of the Barrel Cortex and to the Second Somatosensory Area. <i>Journal of Neuroscience</i> , 2008, 28, 5169-5177.	3.6	31
47	The thalamic paradox. <i>Nature Neuroscience</i> , 2017, 20, 901-902.	14.8	30
48	Heterogeneous output pathways link the anterior pretectal nucleus with the zona incerta and the thalamus in rat. <i>Journal of Comparative Neurology</i> , 2008, 506, 122-140.	1.6	27
49	Expression of nerve growth factor and neurotrophin-3 mRNAs in hippocampal interneurons: Morphological characterization, levels of expression, and colocalization of nerve growth factor and neurotrophin-3. , 1998, 395, 73-90.		22
50	Expression of neurotrophins in hippocampal interneurons immunoreactive for the neuropeptides somatostatin, neuropeptide-Y, vasoactive intestinal polypeptide and cholecystokinin. <i>Neuroscience</i> , 1999, 89, 1089-1101.	2.3	22
51	Nerve growth factor but not neurotrophin-3 is synthesized by hippocampal GABAergic neurons that project to the medial septum. <i>Neuroscience</i> , 2000, 98, 23-31.	2.3	22
52	Immunostaining for substance P receptor labels GABAergic cells with distinct termination patterns in the hippocampus. <i>Journal of Comparative Neurology</i> , 1997, 378, 320-36.	1.6	17
53	Differential Effects of Serotonin and Raphe Grafts in the Hippocampus and Hypothalamus: A Combined Behavioural and Anatomical Study in the Rat. <i>European Journal of Neuroscience</i> , 1994, 6, 1720-1728.	2.6	11
54	Synaptic scaling in sleep. <i>Science</i> , 2017, 355, 457-457.	12.6	8

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55	Heartless beat or beatless heart?. Nature Neuroscience, 2018, 21, 649-651.	14.8	1
56	A search for the searchlight “ crossmodal interactions in the reticular thalamic nucleus (commentary on Kimura). European Journal of Neuroscience, 2014, 39, 1403-1404.	2.6	0