

Ede A. Rancz

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,414
citations

759233

12
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

3089
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic Excitability and Synaptic Plasticity. <i>Physiological Reviews</i> , 2008, 88, 769-840.	28.8	607
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	High-fidelity transmission of sensory information by single cerebellar mossy fibre boutons. <i>Nature</i> , 2007, 450, 1245-1248.	27.8	265
4	The Stimulus Selectivity and Connectivity of Layer Six Principal Cells Reveals Cortical Microcircuits Underlying Visual Processing. <i>Neuron</i> , 2014, 83, 1431-1443.	8.1	165
5	Dendritic patch-clamp recording. <i>Nature Protocols</i> , 2006, 1, 1235-1247.	12.0	146
6	Transfection via whole-cell recording in vivo: bridging single-cell physiology, genetics and connectomics. <i>Nature Neuroscience</i> , 2011, 14, 527-532.	14.8	137
7	Cell type- and synapse-specific variability in synaptic GABA receptor occupancy. <i>European Journal of Neuroscience</i> , 2000, 12, 810-818.	2.6	130
8	Dendritic Calcium Spikes Are Tunable Triggers of Cannabinoid Release and Short-Term Synaptic Plasticity in Cerebellar Purkinje Neurons. <i>Journal of Neuroscience</i> , 2006, 26, 5428-5437.	3.6	116
9	Widespread Vestibular Activation of the Rodent Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 5926-5934.	3.6	104
10	A biophysical signature of network affiliation and sensory processing in mitral cells. <i>Nature</i> , 2012, 488, 375-378.	27.8	82
11	Dendritic spikes mediate negative synaptic gain control in cerebellar Purkinje cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22284-22289.	7.1	32
12	Apical length governs computational diversity of layer 5 pyramidal neurons. <i>ELife</i> , 2020, 9, .	6.0	24
13	Dendritic Domain-Specific Sampling of Long-Range Axons Shapes Feedforward and Feedback Connectivity of L5 Neurons. <i>Journal of Neuroscience</i> , 2022, 42, 3394-3405.	3.6	4
14	Viruses leave their stamp on single cells. <i>Nature Biotechnology</i> , 2018, 36, 42-44.	17.5	3