

# Lia Forti

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

1,084  
citations

623734

14  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loose-patch recordings of single quanta at individual hippocampal synapses. <i>Nature</i> , 1997, 388, 874-878.	27.8	164
2	Ionic mechanisms of autorhythmic firing in rat cerebellar Golgi cells. <i>Journal of Physiology</i> , 2006, 574, 711-729.	2.9	127
3	Fast-reset of pacemaking and theta-frequency resonance patterns in cerebellar golgi cells: Simulations of their impact in vivo. <i>Frontiers in Cellular Neuroscience</i> , 2007, 1, 4.	3.7	116
4	Intracellular Calcium Regulation by Burst Discharge Determines Bidirectional Long-Term Synaptic Plasticity at the Cerebellum Input Stage. <i>Journal of Neuroscience</i> , 2005, 25, 4813-4822.	3.6	105
5	Computational reconstruction of pacemaking and intrinsic electroresponsiveness in cerebellar golgi cells. <i>Frontiers in Cellular Neuroscience</i> , 2007, 1, 2.	3.7	97
6	Functional diversity of L-type calcium channels in rat cerebellar neurons. <i>Neuron</i> , 1993, 10, 437-450.	8.1	96
7	Kinetic and functional analysis of transient, persistent and resurgent sodium currents in rat cerebellar granule cells in situ: an electrophysiological and modelling study. <i>Journal of Physiology</i> , 2006, 573, 83-106.	2.9	79
8	Action potential-evoked Ca <sup>2+</sup> signals and calcium channels in axons of developing rat cerebellar interneurons. <i>Journal of Physiology</i> , 2000, 527, 33-48.	2.9	75
9	Granule Cell Ascending Axon Excitatory Synapses onto Golgi Cells Implement a Potent Feedback Circuit in the Cerebellar Granular Layer. <i>Journal of Neuroscience</i> , 2013, 33, 12430-12446.	3.6	64
10	Multimodal Quantal Release at Individual Hippocampal Synapses: Evidence for No Lateral Inhibition. <i>Journal of Neuroscience</i> , 2002, 22, 6336-6346.	3.6	45
11	Down-sizing of neuronal network activity and density of presynaptic terminals by pathological acidosis are efficiently prevented by Diminazene Aceturate. <i>Brain, Behavior, and Immunity</i> , 2015, 45, 263-276.	4.1	27
12	Synaptic Synthesis, Dephosphorylation, and Degradation. <i>Journal of Biological Chemistry</i> , 2015, 290, 4512-4527.	3.4	27
13	Changes of N-Methyl-d-Aspartate activated channels of cerebellar granule cells with days in culture. <i>Biochemical and Biophysical Research Communications</i> , 1989, 165, 481-487.	2.1	19
14	Acute Ketamine Facilitates Fear Memory Extinction in a Rat Model of PTSD Along With Restoring Glutamatergic Alterations and Dendritic Atrophy in the Prefrontal Cortex. <i>Frontiers in Pharmacology</i> , 2022, 13, 759626.	3.5	17
15	Classical electrodynamics as a nonlinear dynamical system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1989, 139, 221-230.	2.1	16
16	Fluorescence-Based Automated Screening Assay for the Study of the pH-Sensitive Channel ASIC1a. <i>Journal of Biomolecular Screening</i> , 2016, 21, 372-380.	2.6	5
17	Mechanisms of spontaneous miniature activity at CA3-CA1 synapses: evidence for a divergence from a random Poisson process. <i>Biological Bulletin</i> , 2000, 199, 184-186.	1.8	4
18	Can selectivity be functionally modulated in ion channels?. <i>Journal of General Physiology</i> , 2011, 138, 367-370.	1.9	1