

Pablo Fuentealba

List of Publications by Year in descending order

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23
papers

2,145
citations

430874

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642732

23
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docs citations

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times ranked

2558
citing authors

#	ARTICLE	IF	CITATIONS
1	Complementary Roles of Cholecystinin- and Parvalbumin-Expressing GABAergic Neurons in Hippocampal Network Oscillations. <i>Journal of Neuroscience</i> , 2005, 25, 9782-9793.	3.6	400
2	Neuronal Diversity in GABAergic Long-Range Projections from the Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 8790-8804.	3.6	304
3	Cell Type-Specific Tuning of Hippocampal Interneuron Firing during Gamma Oscillations <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2007, 27, 8184-8189.	3.6	273
4	The reticular nucleus revisited: Intrinsic and network properties of a thalamic pacemaker. <i>Progress in Neurobiology</i> , 2005, 75, 125-141.	5.7	235
5	Ivy Cells: A Population of Nitric-Oxide-Producing, Slow-Spiking GABAergic Neurons and Their Involvement in Hippocampal Network Activity. <i>Neuron</i> , 2008, 57, 917-929.	8.1	221
6	Expression of COUP-TFII Nuclear Receptor in Restricted GABAergic Neuronal Populations in the Adult Rat Hippocampus. <i>Journal of Neuroscience</i> , 2010, 30, 1595-1609.	3.6	111
7	Membrane Bistability in Thalamic Reticular Neurons During Spindle Oscillations. <i>Journal of Neurophysiology</i> , 2005, 93, 294-304.	1.8	67
8	From The Cover: Prolonged hyperpolarizing potentials precede spindle oscillations in the thalamic reticular nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9816-9821.	7.1	60
9	Experimental evidence and modeling studies support a synchronizing role for electrical coupling in the cat thalamic reticular neurons in vivo. <i>European Journal of Neuroscience</i> , 2004, 20, 111-119.	2.6	60
10	Rhythmically Active Enkephalin-Expressing GABAergic Cells in the CA1 Area of the Hippocampus Project to the Subiculum and Preferentially Innervate Interneurons. <i>Journal of Neuroscience</i> , 2008, 28, 10017-10022.	3.6	51
11	Coordinated prefrontal hippocampal activity and navigation strategy-related prefrontal firing during spatial memory formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7123-7128.	7.1	50
12	Synaptic Interactions Between Thalamic and Cortical Inputs Onto Cortical Neurons In Vivo. <i>Journal of Neurophysiology</i> , 2004, 91, 1990-1998.	1.8	46
13	Synaptic Plasticity in Local Cortical Network In Vivo and Its Modulation by the Level of Neuronal Activity. <i>Cerebral Cortex</i> , 2006, 16, 618-631.	2.9	46
14	Prenatal Stress Produces Persistence of Remote Memory and Disrupts Functional Connectivity in the Hippocampal Prefrontal Cortex Axis. <i>Cerebral Cortex</i> , 2015, 25, 3132-3143.	2.9	45
15	Schizophrenia and reelin: a model based on prenatal stress to study epigenetics, brain development and behavior. <i>Biological Research</i> , 2016, 49, 16.	3.4	35
16	Human Anterior Insula Encodes Performance Feedback and Relays Prediction Error to the Medial Prefrontal Cortex. <i>Cerebral Cortex</i> , 2020, 30, 4011-4025.	2.9	30
17	Midline thalamic neurons are differentially engaged during hippocampus network oscillations. <i>Scientific Reports</i> , 2016, 6, 29807.	3.3	25
18	Dentate Gyrus Somatostatin Cells are Required for Contextual Discrimination During Episodic Memory Encoding. <i>Cerebral Cortex</i> , 2021, 31, 1046-1059.	2.9	24

#	ARTICLE	IF	CITATIONS
19	Dynamics of Action Potential Initiation in the GABAergic Thalamic Reticular Nucleus In Vivo. PLoS ONE, 2012, 7, e30154.	2.5	20
20	Basal forebrain somatostatin cells differentially regulate local gamma oscillations and functionally segregate motor and cognitive circuits. Scientific Reports, 2019, 9, 2570.	3.3	19
21	Brain state-dependent recruitment of high-frequency oscillations in the human hippocampus. Cortex, 2017, 94, 87-99.	2.4	16
22	The cortically evoked secondary depolarization affects the integrative properties of thalamic reticular neurons. European Journal of Neuroscience, 2004, 20, 2691-2696.	2.6	5
23	Thalamic oscillations modulate membrane properties of cat thalamic reticular neurons. Thalamus & Related Systems, 2005, 3, 53.	0.5	2