Alberto SÃ¡nchez-Aguilera LÃ³pez

List of Publications by Year
in descending order

14 papers	682 citations	1163117 8 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	1046 citing authors

#	Article	IF	Citations
1	Activity-Dependent Gating of Parvalbumin Interneuron Function by the Perineuronal Net Protein Brevican. Neuron, 2017, 95, 639-655.e10.	8.1	271
2	Determinants of different deep and superficial CA1 pyramidal cell dynamics during sharp-wave ripples. Nature Neuroscience, 2015, 18, 1281-1290.	14.8	213
3	Loss ofCntnap2Causes Axonal Excitability Deficits, Developmental Delay in Cortical Myelination, and Abnormal Stereotyped Motor Behavior. Cerebral Cortex, 2019, 29, 586-597.	2.9	65
4	Proximodistal Organization of the CA2 Hippocampal Area. Cell Reports, 2019, 26, 1734-1746.e6.	6.4	35
5	An update to Hippocampome.org by integrating single-cell phenotypes with circuit function in vivo. PLoS Biology, 2021, 19, e3001213.	5.6	26
6	Simplest relationship between local field potential and intracellular signals in layered neural tissue. Physical Review E, 2015, 92, 062704.	2.1	16
7	A novel shortâ€term plasticity of intrinsic excitability in the hippocampal CA1 pyramidal cells. Journal of Physiology, 2014, 592, 2845-2864.	2.9	12
8	Sharp Wave Ripples in Alzheimer's Disease: In Search of Mechanisms. Journal of Neuroscience, 2021, 41, 1366-1370.	3.6	12
9	Intrinsic excitability is altered by hypothyroidism in the developing hippocampal CA1 pyramidal cells. Neuroscience, 2012, 207, 37-51.	2.3	10
10	Development of Action Potential Waveform in Hippocampal CA1 Pyramidal Neurons. Neuroscience, 2020, 442, 151-167.	2.3	9
11	Sex-specific regulation of inhibition and network activity by local aromatase in the mouse hippocampus. Nature Communications, 2022, 13, .	12.8	8
12	Role of low-voltage-activated calcium current and extracellular calcium in controlling the firing pattern of developing CA1 pyramidal neurons. Neuroscience, 2017, 344, 89-101.	2.3	3
13	Feedback and Feedforward Inhibition May Resonate Distinctly in the Ripple Symphony. Journal of Neuroscience, 2018, 38, 6612-6614.	3.6	2
14	The Beauty and the Dish: Brain Organoids Go Active. Epilepsy Currents, 2020, 20, 105-107.	0.8	0