

Alberto SÃ¡nchez-Aguilera LÃ³pez

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Sex-specific regulation of inhibition and network activity by local aromatase in the mouse hippocampus. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 8 |
| 2 | Sharp Wave Ripples in Alzheimer's Disease: In Search of Mechanisms. <i>Journal of Neuroscience</i> , 2021, 41, 1366-1370. | 3.6 | 12 |
| 3 | An update to Hippocampome.org by integrating single-cell phenotypes with circuit function in vivo. <i>PLoS Biology</i> , 2021, 19, e3001213. | 5.6 | 26 |
| 4 | The Beauty and the Dish: Brain Organoids Go Active. <i>Epilepsy Currents</i> , 2020, 20, 105-107. | 0.8 | 0 |
| 5 | Development of Action Potential Waveform in Hippocampal CA1 Pyramidal Neurons. <i>Neuroscience</i> , 2020, 442, 151-167. | 2.3 | 9 |
| 6 | Proximodistal Organization of the CA2 Hippocampal Area. <i>Cell Reports</i> , 2019, 26, 1734-1746.e6. | 6.4 | 35 |
| 7 | Loss of <i>Cntnap2</i> Causes Axonal Excitability Deficits, Developmental Delay in Cortical Myelination, and Abnormal Stereotyped Motor Behavior. <i>Cerebral Cortex</i> , 2019, 29, 586-597. | 2.9 | 65 |
| 8 | Feedback and Feedforward Inhibition May Resonate Distinctly in the Ripple Symphony. <i>Journal of Neuroscience</i> , 2018, 38, 6612-6614. | 3.6 | 2 |
| 9 | Role of low-voltage-activated calcium current and extracellular calcium in controlling the firing pattern of developing CA1 pyramidal neurons. <i>Neuroscience</i> , 2017, 344, 89-101. | 2.3 | 3 |
| 10 | Activity-Dependent Gating of Parvalbumin Interneuron Function by the Perineuronal Net Protein Brevican. <i>Neuron</i> , 2017, 95, 639-655.e10. | 8.1 | 271 |
| 11 | Simplest relationship between local field potential and intracellular signals in layered neural tissue. <i>Physical Review E</i> , 2015, 92, 062704. | 2.1 | 16 |
| 12 | Determinants of different deep and superficial CA1 pyramidal cell dynamics during sharp-wave ripples. <i>Nature Neuroscience</i> , 2015, 18, 1281-1290. | 14.8 | 213 |
| 13 | A novel short-term plasticity of intrinsic excitability in the hippocampal CA1 pyramidal cells. <i>Journal of Physiology</i> , 2014, 592, 2845-2864. | 2.9 | 12 |
| 14 | Intrinsic excitability is altered by hypothyroidism in the developing hippocampal CA1 pyramidal cells. <i>Neuroscience</i> , 2012, 207, 37-51. | 2.3 | 10 |