

Emilio J Galvan

List of Publications by Year in descending order

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430442

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Activation of D1/D5 receptors ameliorates decreased intrinsic excitability of hippocampal neurons induced by neonatal blockade of <i>N-methyl-D-aspartate</i> receptors. <i>British Journal of Pharmacology</i> , 2022, 179, 1695-1715. | 2.7 | 7 |
| 2 | Biophysical and synaptic properties of regular spiking interneurons in hippocampal area CA3 of aged rats. <i>Neurobiology of Aging</i> , 2022, 112, 27-38. | 1.5 | 3 |
| 3 | Systemic administration of lipopolysaccharide induces hyperexcitability of prelimbic neurons via modulation of sodium and potassium currents. <i>NeuroToxicology</i> , 2022, 91, 128-139. | 1.4 | 3 |
| 4 | Maternal immune activation increases excitability via downregulation of A-type potassium channels and reduces dendritic complexity of hippocampal neurons of the offspring. <i>Brain, Behavior, and Immunity</i> , 2022, 105, 67-81. | 2.0 | 6 |
| 5 | Functional expression of TrkB receptors on interneurons and pyramidal cells of area CA3 of the rat hippocampus. <i>Neuropharmacology</i> , 2021, 182, 108379. | 2.0 | 9 |
| 6 | Metabotropic Glutamate Receptors at the Aged Mossy Fiber CA3 Synapse of the Hippocampus. <i>Neuroscience</i> , 2021, 456, 95-105. | 1.1 | 11 |
| 7 | Long-Term Functional and Cytoarchitectonic Effects of the Systemic Administration of the Histamine H1 Receptor Antagonist/Inverse Agonist Chlorpheniramine During Gestation in the Rat Offspring Primary Motor Cortex. <i>Frontiers in Neuroscience</i> , 2021, 15, 740282. | 1.4 | 1 |
| 8 | Minocycline prevents neuronal hyperexcitability and neuroinflammation in medial prefrontal cortex, as well as memory impairment caused by repeated toluene inhalation in adolescent rats. <i>Toxicology and Applied Pharmacology</i> , 2020, 395, 114980. | 1.3 | 20 |
| 9 | Lactate induces synapse-specific potentiation on CA3 pyramidal cells of rat hippocampus. <i>PLoS ONE</i> , 2020, 15, e0242309. | 1.1 | 22 |
| 10 | Impaired Cortical Cytoarchitecture and Reduced Excitability of Deep-Layer Neurons in the Offspring of Diabetic Rats. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 564561. | 1.8 | 7 |
| 11 | Lactate induces synapse-specific potentiation on CA3 pyramidal cells of rat hippocampus. , 2020, 15, e0242309. | | 0 |
| 12 | Lactate induces synapse-specific potentiation on CA3 pyramidal cells of rat hippocampus. , 2020, 15, e0242309. | | 0 |
| 13 | Lactate induces synapse-specific potentiation on CA3 pyramidal cells of rat hippocampus. , 2020, 15, e0242309. | | 0 |
| 14 | Lactate induces synapse-specific potentiation on CA3 pyramidal cells of rat hippocampus. , 2020, 15, e0242309. | | 0 |
| 15 | Progressive Alterations in Synaptic Transmission and Plasticity of Area CA1 Precede the Cognitive Impairment Associated with Neonatal Administration of MK-801. <i>Neuroscience</i> , 2019, 404, 205-217. | 1.1 | 9 |
| 16 | Repeated toluene exposure alters the synaptic transmission of layer 5 medial prefrontal cortex. <i>Neurotoxicology and Teratology</i> , 2019, 73, 9-14. | 1.2 | 9 |
| 17 | Adenosine A2A and histamine H3 receptors interact at the cAMP/PKA pathway to modulate depolarization-evoked [3H]-GABA release from rat striato-pallidal terminals. <i>Purinergic Signalling</i> , 2019, 15, 85-93. | 1.1 | 7 |
| 18 | TrkB-mediated activation of the phosphatidylinositol 3-kinase/Akt cascade reduces the damage inflicted by oxygen-glucose deprivation in area CA3 of the rat hippocampus. <i>European Journal of Neuroscience</i> , 2018, 47, 1096-1109. | 1.2 | 20 |

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|----|--|-----|-----------|
| 19 | Modulation of hippocampal excitability via the hydroxycarboxylic acid receptor 1. <i>Hippocampus</i> , 2018, 28, 557-567. | 0.9 | 41 |
| 20 | Repeated toluene exposure increases the excitability of layer 5 pyramidal neurons in the prefrontal cortex of adolescent rats. <i>Neurotoxicology and Teratology</i> , 2018, 68, 27-35. | 1.2 | 10 |
| 21 | Probiotics and Prebiotics as a Therapeutic Strategy to Improve Memory in a Model of Middle-Aged Rats. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 416. | 1.7 | 73 |
| 22 | Target-Dependent Compartmentalization of the Corelease of Glutamate and GABA from the Mossy Fibers. <i>Journal of Neuroscience</i> , 2017, 37, 701-714. | 1.7 | 11 |
| 23 | Propylparaben suppresses epileptiform activity in hippocampal CA1 pyramidal cells in vitro. <i>Epilepsy Research</i> , 2017, 136, 126-129. | 0.8 | 7 |
| 24 | Aging-related impairments of hippocampal mossy fibers synapses on CA3 pyramidal cells. <i>Neurobiology of Aging</i> , 2017, 49, 119-137. | 1.5 | 34 |
| 25 | Target-Dependent Compartmentalization of the Corelease of Glutamate and GABA from the Mossy Fibers. <i>Journal of Neuroscience</i> , 2017, 37, 701-714. | 1.7 | 2 |
| 26 | Propylparaben reduces the excitability of hippocampal neurons by blocking sodium channels. <i>NeuroToxicology</i> , 2016, 57, 183-193. | 1.4 | 14 |
| 27 | Synapse-specific compartmentalization of signaling cascades for LTP induction in CA3 interneurons. <i>Neuroscience</i> , 2015, 290, 332-345. | 1.1 | 20 |
| 28 | Cocultures of GFP ⁺ granule cells with GFP ⁻ pyramidal cells and interneurons for the study of mossy fiber neurotransmission with paired recordings. <i>Hippocampus</i> , 2013, 23, 247-252. | 0.9 | 4 |
| 29 | Multiple forms of long-term synaptic plasticity at hippocampal mossy fiber synapses on interneurons. <i>Neuropharmacology</i> , 2011, 60, 740-747. | 2.0 | 31 |
| 30 | Properties and functional implications of I _h in hippocampal area CA3 interneurons. <i>Pflügers Archiv European Journal of Physiology</i> , 2011, 462, 895-912. | 1.3 | 10 |
| 31 | mGluRs Modulate Strength and Timing of Excitatory Transmission in Hippocampal Area CA3. <i>Molecular Neurobiology</i> , 2011, 44, 93-101. | 1.9 | 25 |
| 32 | Area CA3 interneurons receive two spatially segregated mossy fiber inputs. <i>Hippocampus</i> , 2010, 20, 1003-1009. | 0.9 | 10 |
| 33 | Critical Involvement of Postsynaptic Protein Kinase Activation in Long-Term Potentiation at Hippocampal Mossy Fiber Synapses on CA3 Interneurons. <i>Journal of Neuroscience</i> , 2010, 30, 2844-2855. | 1.7 | 29 |
| 34 | Quantitative morphometry of electrophysiologically identified CA3b interneurons reveals robust local geometry and distinct cell classes. <i>Journal of Comparative Neurology</i> , 2009, 515, 677-695. | 0.9 | 33 |
| 35 | Coincidence detection of convergent perforant path and mossy fibre inputs by CA3 interneurons. <i>Journal of Physiology</i> , 2008, 586, 2695-2712. | 1.3 | 27 |
| 36 | Bidirectional Hebbian Plasticity at Hippocampal Mossy Fiber Synapses on CA3 Interneurons. <i>Journal of Neuroscience</i> , 2008, 28, 14042-14055. | 1.7 | 60 |

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|----|---|-----|-----------|
| 37 | Calcium-Activated Afterhyperpolarizations Regulate Synchronization and Timing of Epileptiform Bursts in Hippocampal CA3 Pyramidal Neurons. <i>Journal of Neurophysiology</i> , 2006, 96, 3028-3041. | 0.9 | 50 |
| 38 | Vinpocetine blockade of sodium channels inhibits the rise in sodium and calcium induced by 4-aminopyridine in synaptosomes. <i>Neurochemistry International</i> , 2005, 46, 533-540. | 1.9 | 46 |
| 39 | 1-Ethyl-2-benzimidazolinone (EBIO) suppresses epileptiform activity in in vitro hippocampus. <i>Neuropharmacology</i> , 2005, 49, 376-388. | 2.0 | 28 |
| 40 | Characterization of the Participation of Sodium Channels on the Rise in Na ⁺ -Induced by 4-Aminopyridine (4-AP) in Synaptosomes. <i>Neurochemical Research</i> , 2004, 29, 347-355. | 1.6 | 20 |
| 41 | Ca ²⁺ channels that activate Ca ²⁺ -dependent K ⁺ currents in neostriatal neurons. <i>Neuroscience</i> , 1999, 95, 745-752. | 1.1 | 54 |