Luis B Tovar-Y-Romo

List of Publications by Year
in descending order

27 papers	1,085 citations	430874 18 h-index	610901 24 g-index
28 all docs	28 docs citations	28 times ranked	1875 citing authors

#	Article	IF	Citations
1	Improved post-stroke spontaneous recovery by astrocytic extracellular vesicles. Molecular Therapy, 2022, 30, 798-815.	8.2	17
2	Editorial: Mechanisms of Neuronal Recovery in the Central Nervous System. Frontiers in Cell and Developmental Biology, 2021, 9, 733066.	3.7	0
3	Ricardo Tapia (1940 â€“ 2021). Journal of Neurochemistry, 2021, , .	3.9	0
4	Early Post-stroke Activation of Vascular Endothelial Growth Factor Receptor 2 Hinders the Receptor 1-Dependent Neuroprotection Afforded by the Endogenous Ligand. Frontiers in Cellular Neuroscience, 2019, 13, 270.	3.7	22
5	TRP ion channels: Proteins with conformational flexibility. Channels, 2019, 13, 207-226.	2.8	16
6	Incretin Mimetics as Rational Candidates for the Treatment of Traumatic Brain Injury. ACS Pharmacology and Translational Science, 2019, 2, 66-91.	4.9	28
7	Neuroprotective Effects and Treatment Potential of Incretin Mimetics in a Murine Model of Mild Traumatic Brain Injury. Frontiers in Cell and Developmental Biology, 2019, 7, 356.	3.7	29
8	Astrocyte-shed extracellular vesicles regulate the peripheral leukocyte response to inflammatory brain lesions. Science Signaling, 2017, 10, .	3.6	199
9	Hippocampal encoding of interoceptive context during fear conditioning. Translational Psychiatry, 2017, 7, e991-e991.	4.8	11
10	Neuroinflammation and physical exercise as modulators of adult hippocampal neural precursor cell behavior. Reviews in the Neurosciences, 2017, 29, 1-20.	2.9	17
11	Methylprednisolone Administration Following Spinal Cord Injury Reduces Aquaporin 4 Expression and Exacerbates Edema. Mediators of Inflammation, 2017, 2017, 1-7.	3.0	33
12	Endogenous recovery after brain damage: molecular mechanisms that balance neuronal life/death fate. Journal of Neurochemistry, 2016, 136, 13-27.	3.9	48
13	Pathobiology of CNS Human Immunodeficiency Virus Infection. , 2015, , 444-466.		1
14	Trophic factors as modulators of motor neuron physiology and survival: implications for ALS therapy. Frontiers in Cellular Neuroscience, 2014, 8, 61.	3.7	93
15	Spinal inhibitory circuits and their role in motor neuron degeneration. Neuropharmacology, 2014, 82, 101-107.	4.1	36
16	Adenosine Triphosphate Released from HIV-Infected Macrophages Regulates Glutamatergic Tone and Dendritic Spine Density on Neurons. Journal of NeuroImmune Pharmacology, 2013, 8, 998-1009.	4.1	25
17	Histone deacetylases and their role in motor neuron degeneration. Frontiers in Cellular Neuroscience, 2013, 7, 243.	3.7	44
18	Delayed Administration of VEGF Rescues Spinal Motor Neurons from Death with a Short Effective Time Frame in Excitotoxic Experimental Models in Vivo. ASN Neuro, 2012, 4, AN20110057.	2.7	24

#	Article	IF	Citations
19	Dendritic Spine Injury Induced by the 8-Hydroxy Metabolite of Efavirenz. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 696-703.	2.5	114
20	Roles for Biological Membranes in Regulating Human Immunodeficiency Virus Replication and Progress in the Development of HIV Therapeutics that Target Lipid Metabolism. Journal of NeuroImmune Pharmacology, 2011, 6, 284-295.	4.1	3
21	The Human Immunodeficiency Virus Coat Protein gp120 Promotes Forward Trafficking and Surface Clustering of NMDA Receptors in Membrane Microdomains. Journal of Neuroscience, 2011, 31, 17074-17090.	3.6	45
22	VEGF protects spinal motor neurons against chronic excitotoxic degeneration in vivo by activation of PI3â€K pathway and inhibition of p38MAPK. Journal of Neurochemistry, 2010, 115, 1090-1101.	3.9	43
23	Experimental models for the study of neurodegeneration in amyotrophic lateral sclerosis. Molecular Neurodegeneration, 2009, 4, 31.	10.8	44
24	Chronic elevation of extracellular glutamate due to transport blockade is innocuous for spinal motoneurons in vivo. Neurochemistry International, 2009, 54, 186-191.	3.8	35
25	Vascular Endothelial Growth Factor Prevents Paralysis and Motoneuron Death in a Rat Model of Excitotoxic Spinal Cord Neurodegeneration. Journal of Neuropathology and Experimental Neurology, 2007, 66, 913-922.	1.7	67
26	Glutamate excitotoxicity and therapeutic targets for amyotrophic lateral sclerosis. Expert Opinion on Therapeutic Targets, 2007, 11, 1415-1428.	3.4	79
27	Cerebral neurons of transgenic ALS mice are vulnerable to glutamate release stimulation but not to increased extracellular glutamate due to transport blockade. Experimental Neurology, 2006, 199, 281-290.	4.1	12