

# Luis B Tovar-Y-Romo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8428383/publications.pdf>

Version: 2024-02-01

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	Astrocyte-shed extracellular vesicles regulate the peripheral leukocyte response to inflammatory brain lesions. <i>Science Signaling</i> , 2017, 10, .	3.6	199
2	Dendritic Spine Injury Induced by the 8-Hydroxy Metabolite of Efavirenz. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 696-703.	2.5	114
3	Trophic factors as modulators of motor neuron physiology and survival: implications for ALS therapy. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 61.	3.7	93
4	Glutamate excitotoxicity and therapeutic targets for amyotrophic lateral sclerosis. <i>Expert Opinion on Therapeutic Targets</i> , 2007, 11, 1415-1428.	3.4	79
5	Vascular Endothelial Growth Factor Prevents Paralysis and Motoneuron Death in a Rat Model of Excitotoxic Spinal Cord Neurodegeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 913-922.	1.7	67
6	Endogenous recovery after brain damage: molecular mechanisms that balance neuronal life/death fate. <i>Journal of Neurochemistry</i> , 2016, 136, 13-27.	3.9	48
7	The Human Immunodeficiency Virus Coat Protein gp120 Promotes Forward Trafficking and Surface Clustering of NMDA Receptors in Membrane Microdomains. <i>Journal of Neuroscience</i> , 2011, 31, 17074-17090.	3.6	45
8	Experimental models for the study of neurodegeneration in amyotrophic lateral sclerosis. <i>Molecular Neurodegeneration</i> , 2009, 4, 31.	10.8	44
9	Histone deacetylases and their role in motor neuron degeneration. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 243.	3.7	44
10	VEGF protects spinal motor neurons against chronic excitotoxic degeneration <i>in vivo</i> by activation of PI3K pathway and inhibition of p38MAPK. <i>Journal of Neurochemistry</i> , 2010, 115, 1090-1101.	3.9	43
11	Spinal inhibitory circuits and their role in motor neuron degeneration. <i>Neuropharmacology</i> , 2014, 82, 101-107.	4.1	36
12	Chronic elevation of extracellular glutamate due to transport blockade is innocuous for spinal motoneurons <i>in vivo</i> . <i>Neurochemistry International</i> , 2009, 54, 186-191.	3.8	35
13	Methylprednisolone Administration Following Spinal Cord Injury Reduces Aquaporin 4 Expression and Exacerbates Edema. <i>Mediators of Inflammation</i> , 2017, 2017, 1-7.	3.0	33
14	Neuroprotective Effects and Treatment Potential of Incretin Mimetics in a Murine Model of Mild Traumatic Brain Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 356.	3.7	29
15	Incretin Mimetics as Rational Candidates for the Treatment of Traumatic Brain Injury. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 66-91.	4.9	28
16	Adenosine Triphosphate Released from HIV-Infected Macrophages Regulates Glutamatergic Tone and Dendritic Spine Density on Neurons. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 998-1009.	4.1	25
17	Delayed Administration of VEGF Rescues Spinal Motor Neurons from Death with a Short Effective Time Frame in Excitotoxic Experimental Models <i>in Vivo</i> . <i>ASN Neuro</i> , 2012, 4, AN20110057.	2.7	24
18	Early Post-stroke Activation of Vascular Endothelial Growth Factor Receptor 2 Hinders the Receptor 1-Dependent Neuroprotection Afforded by the Endogenous Ligand. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 270.	3.7	22

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19	Neuroinflammation and physical exercise as modulators of adult hippocampal neural precursor cell behavior. <i>Reviews in the Neurosciences</i> , 2017, 29, 1-20.	2.9	17
20	Improved post-stroke spontaneous recovery by astrocytic extracellular vesicles. <i>Molecular Therapy</i> , 2022, 30, 798-815.	8.2	17
21	TRP ion channels: Proteins with conformational flexibility. <i>Channels</i> , 2019, 13, 207-226.	2.8	16
22	Cerebral neurons of transgenic ALS mice are vulnerable to glutamate release stimulation but not to increased extracellular glutamate due to transport blockade. <i>Experimental Neurology</i> , 2006, 199, 281-290.	4.1	12
23	Hippocampal encoding of interoceptive context during fear conditioning. <i>Translational Psychiatry</i> , 2017, 7, e991-e991.	4.8	11
24	Roles for Biological Membranes in Regulating Human Immunodeficiency Virus Replication and Progress in the Development of HIV Therapeutics that Target Lipid Metabolism. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 284-295.	4.1	3
25	Pathobiology of CNS Human Immunodeficiency Virus Infection. , 2015, , 444-466.		1
26	Editorial: Mechanisms of Neuronal Recovery in the Central Nervous System. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 733066.	3.7	0
27	Ricardo Tapia (1940 – 2021). <i>Journal of Neurochemistry</i> , 2021, , .	3.9	0