VÃ-ctor Cilleros MaÃ±Ã©

List of Publications by Year
in descending order

19 papers	304 citations	840776 11 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	286 citing authors

#	Article	IF	Citations
1	Muscle Contraction Regulates BDNF/TrkB Signaling to Modulate Synaptic Function through Presynaptic cPKCÎ± and cPKCÎ²I. Frontiers in Molecular Neuroscience, 2017, 10, 147.	2.9	62
2	The Impact of Kinases in Amyotrophic Lateral Sclerosis at the Neuromuscular Synapse: Insights into BDNF/TrkB and PKC Signaling. Cells, 2019, 8, 1578.	4.1	34
3	Running and swimming prevent the deregulation of the BDNF/TrkB neurotrophic signalling at the neuromuscular junction in mice with amyotrophic lateral sclerosis. Cellular and Molecular Life Sciences, 2020, 77, 3027-3040.	5.4	27
4	Presynaptic Membrane Receptors Modulate ACh Release, Axonal Competition and Synapse Elimination during Neuromuscular Junction Development. Frontiers in Molecular Neuroscience, 2017, 10, 132.	2.9	23
5	BDNF-TrkB Signaling Coupled to nPKCÎµ and cPKCÎ²I Modulate the Phosphorylation of the Exocytotic Protein Munc18-1 During Synaptic Activity at the Neuromuscular Junction. Frontiers in Molecular Neuroscience, 2018, 11, 207.	2.9	22
6	Overview of Impaired BDNF Signaling, Their Coupled Downstream Serine-Threonine Kinases and SNARE/SM Complex in the Neuromuscular Junction of the Amyotrophic Lateral Sclerosis Model SOD1-G93A Mice. Molecular Neurobiology, 2019, 56, 6856-6872.	4.0	21
7	Presynaptic Muscarinic Acetylcholine Receptors and TrkB Receptor Cooperate in the Elimination of Redundant Motor Nerve Terminals during Development. Frontiers in Aging Neuroscience, 2017, 9, 24.	3.4	18
8	Adenosine Receptors in Developing and Adult Mouse Neuromuscular Junctions and Functional Links With Other Metabotropic Receptor Pathways. Frontiers in Pharmacology, 2018, 9, 397.	3.5	15
9	Synaptic Activity and Muscle Contraction Increases PDK1 and PKCÎ²I Phosphorylation in the Presynaptic Membrane of the Neuromuscular Junction. Frontiers in Molecular Neuroscience, 2017, 10, 270.	2.9	14
10	Synergistic Action of Presynaptic Muscarinic Acetylcholine Receptors and Adenosine Receptors in Developmental Axonal Competition at the Neuromuscular Junction. Developmental Neuroscience, 2016, 38, 407-419.	2.0	12
11	nPKCÎµ Mediates SNAP-25 Phosphorylation of Ser-187 in Basal Conditions and After Synaptic Activity at the Neuromuscular Junction. Molecular Neurobiology, 2019, 56, 5346-5364.	4.0	12
12	The M ₂ muscarinic receptor, in association to M ₁ , regulates the neuromuscular PKA molecular dynamics. FASEB Journal, 2020, 34, 4934-4955.	0.5	10
13	Axonal competition and synapse elimination during neuromuscular junction development. Current Opinion in Physiology, 2018, 4, 25-31.	1.8	7
14	Opposed Actions of PKA Isozymes (RI and RII) and PKC Isoforms (cPKCÎ²I and nPKCÎµ) in Neuromuscular Developmental Synapse Elimination. Cells, 2019, 8, 1304.	4.1	6
15	Membrane Receptor-Induced Changes of the Protein Kinases A and C Activity May Play a Leading Role in Promoting Developmental Synapse Elimination at the Neuromuscular Junction. Frontiers in Molecular Neuroscience, 2017, 10, 255.	2.9	5
16	Running and Swimming Differently Adapt the BDNF/TrkB Pathway to a Slow Molecular Pattern at the NMJ. International Journal of Molecular Sciences, 2021, 22, 4577.	4.1	5
17	M 1 and M 2 mAChRs activate PDK1 and regulate PKC Î²I and Îµ and the exocytotic apparatus at the NMJ. FASEB Journal, 2021, 35, e21724.	0.5	5
18	PKA and PKC Balance in Synapse Elimination during Neuromuscular Junction Development. Cells, 2021, 10, 1384.	4.1	3

#	Article	IF	Citations
19	Involvement of the Voltage-Gated Calcium Channels L- P/Q- and N-Types in Synapse Elimination During Neuromuscular Junction Development. Molecular Neurobiology, 2022, 59, 4044-4064.	4.0	3