

VÃ-ctor Cilleros MaÃ±Ã©

List of Publications by Year in descending order

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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	Involvement of the Voltage-Gated Calcium Channels L- P/Q- and N-Types in Synapse Elimination During Neuromuscular Junction Development. <i>Molecular Neurobiology</i> , 2022, 59, 4044-4064.	4.0	3
2	Running and Swimming Differently Adapt the BDNF/TrkB Pathway to a Slow Molecular Pattern at the NMJ. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4577.	4.1	5
3	M 1 and M 2 mAChRs activate PDK1 and regulate PKC $\hat{\imath}$ and $\hat{\mu}$ and the exocytotic apparatus at the NMJ. <i>FASEB Journal</i> , 2021, 35, e21724.	0.5	5
4	PKA and PKC Balance in Synapse Elimination during Neuromuscular Junction Development. <i>Cells</i> , 2021, 10, 1384.	4.1	3
5	Running and swimming prevent the deregulation of the BDNF/TrkB neurotrophic signalling at the neuromuscular junction in mice with amyotrophic lateral sclerosis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3027-3040.	5.4	27
6	The M ₂ muscarinic receptor, in association to M ₁ , regulates the neuromuscular PKA molecular dynamics. <i>FASEB Journal</i> , 2020, 34, 4934-4955.	0.5	10
7	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. <i>Molecular Neurobiology</i> , 2019, 56, 6856-6872.	4.0	21
8	Opposed Actions of PKA Isozymes (RI and RII) and PKC Isoforms (cPKC $\hat{\imath}$ and nPKC $\hat{\mu}$) in Neuromuscular Developmental Synapse Elimination. <i>Cells</i> , 2019, 8, 1304.	4.1	6
9	The Impact of Kinases in Amyotrophic Lateral Sclerosis at the Neuromuscular Synapse: Insights into BDNF/TrkB and PKC Signaling. <i>Cells</i> , 2019, 8, 1578.	4.1	34
10	nPKC $\hat{\mu}$ Mediates SNAP-25 Phosphorylation of Ser-187 in Basal Conditions and After Synaptic Activity at the Neuromuscular Junction. <i>Molecular Neurobiology</i> , 2019, 56, 5346-5364.	4.0	12
11	Axonal competition and synapse elimination during neuromuscular junction development. <i>Current Opinion in Physiology</i> , 2018, 4, 25-31.	1.8	7
12	Adenosine Receptors in Developing and Adult Mouse Neuromuscular Junctions and Functional Links With Other Metabotropic Receptor Pathways. <i>Frontiers in Pharmacology</i> , 2018, 9, 397.	3.5	15
13	BDNF-TrkB Signaling Coupled to nPKC $\hat{\mu}$ and cPKC $\hat{\imath}$ Modulate the Phosphorylation of the Exocytotic Protein Munc18-1 During Synaptic Activity at the Neuromuscular Junction. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 207.	2.9	22
14	Presynaptic Muscarinic Acetylcholine Receptors and TrkB Receptor Cooperate in the Elimination of Redundant Motor Nerve Terminals during Development. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 24.	3.4	18
15	Presynaptic Membrane Receptors Modulate ACh Release, Axonal Competition and Synapse Elimination during Neuromuscular Junction Development. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 132.	2.9	23
16	Muscle Contraction Regulates BDNF/TrkB Signaling to Modulate Synaptic Function through Presynaptic cPKC $\hat{\imath}$ and cPKC $\hat{\imath}$. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 147.	2.9	62
17	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. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 255.	2.9	5
18	Synaptic Activity and Muscle Contraction Increases PDK1 and PKC $\hat{\imath}$ Phosphorylation in the Presynaptic Membrane of the Neuromuscular Junction. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 270.	2.9	14

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19	Synergistic Action of Presynaptic Muscarinic Acetylcholine Receptors and Adenosine Receptors in Developmental Axonal Competition at the Neuromuscular Junction. <i>Developmental Neuroscience</i> , 2016, 38, 407-419.	2.0	12