

Isabel Martinez-Pena Y Valenzuela

List of Publications by Year in descending order

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17
papers

408
citations

687363

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888059

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17
times ranked

557
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuregulin/ErbB regulate neuromuscular junction development by phosphorylation of $\hat{\pm}$ -dystrobrevin. <i>Journal of Cell Biology</i> , 2011, 195, 1171-1184.	5.2	86
2	Calcium/Calmodulin Kinase II-Dependent Acetylcholine Receptor Cycling at the Mammalian Neuromuscular Junction <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2010, 30, 12455-12465.	3.6	40
3	Norepinephrine effects on identified neurons of the rat dorsal motor nucleus of the vagus. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G333-G339.	3.4	38
4	Acetylcholinesterase Dynamics at the Neuromuscular Junction of Live Animals. <i>Journal of Biological Chemistry</i> , 2006, 281, 10347-10354.	3.4	37
5	PKC and PKA Regulate AChR Dynamics at the Neuromuscular Junction of Living Mice. <i>PLoS ONE</i> , 2013, 8, e81311.	2.5	28
6	Viral delivery of C9ORF72 hexanucleotide repeat expansions in mice lead to repeat length dependent neuropathology and behavioral deficits.. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 859-868.	2.4	25
7	Nicotinic Acetylcholine Receptor Stability at the NMJ Deficient in $\hat{\pm}$ -Syntrophin <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2011, 31, 15586-15596.	3.6	22
8	Morphological differences between planes of section do not influence the electrophysiological properties of identified rat dorsal motor nucleus of the vagus neurons. <i>Brain Research</i> , 2004, 1003, 54-60.	2.2	21
9	In Vivo Regulation of Acetylcholinesterase Insertion at the Neuromuscular Junction. <i>Journal of Biological Chemistry</i> , 2005, 280, 31801-31808.	3.4	17
10	Acetylcholinesterase Mobility and Stability at the Neuromuscular Junction of Living Mice. <i>Molecular Biology of the Cell</i> , 2007, 18, 2904-2911.	2.1	17
11	The Metabolic Stability of the Nicotinic Acetylcholine Receptor at the Neuromuscular Junction. <i>Cells</i> , 2021, 10, 358.	4.1	17
12	AChRs Are Essential for the Targeting of Rapsyn to the Postsynaptic Membrane of NMJs in Living Mice. <i>Journal of Neuroscience</i> , 2016, 36, 5680-5685.	3.6	16
13	Spatial distribution and molecular dynamics of dystrophin glycoprotein components at the neuromuscular junction <i>in vivo</i> . <i>Journal of Cell Science</i> , 2017, 130, 1752-1759.	2.0	14
14	Deletion of <i>Pofut1</i> in Mouse Skeletal Myofibers Induces Muscle Aging-Related Phenotypes in <i>cis</i> and in <i>trans</i> . <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	11
15	The Knockdown of $\hat{\kappa}$ Alters the Postsynaptic Apparatus of Neuromuscular Junctions in Living Mice. <i>Journal of Neuroscience</i> , 2015, 35, 5118-5127.	3.6	10
16	The disassembly of the neuromuscular synapse in high-fat diet-induced obese male mice. <i>Molecular Metabolism</i> , 2020, 36, 100979.	6.5	6
17	Distinct roles of the dystrophin-glycoprotein complex: $\hat{\pm}$ -dystrobrevin and $\hat{\pm}$ -syntrophin in the maintenance of the postsynaptic apparatus of the neuromuscular synapse. <i>Human Molecular Genetics</i> , 2022, 31, 2370-2385.	2.9	3