RamÃ³n MartÃ-nez-MÃ¡rmol

List of Publications by Year
in descending order

33 papers	1,062 citations	471477 17 h-index	454934 30 g-index
40 all docs	40 docs citations	40 times ranked	1723 citing authors

#	Article	IF	Citations
1	Growth cone repulsion to Netrin-1 depends on lipid raft microdomains enriched in UNC5 receptors. Cellular and Molecular Life Sciences, 2021, 78, 2797-2820.	5.4	9
2	One Raft to Guide Them All, and in Axon Regeneration Inhibit Them. International Journal of Molecular Sciences, 2021, 22, 5009.	4.1	4
3	Combining Single Molecule Imaging Techniques to Unravel the Nanoscale Organization of the Presynapse. Methods in Molecular Biology, 2021, 2233, 265-286.	0.9	2
4	An Epilepsy-Associated SV2A Mutation Disrupts Synaptotagmin-1 Expression and Activity-Dependent Trafficking. Journal of Neuroscience, 2020, 40, 4586-4595.	3.6	26
5	Nystatin Regulates Axonal Extension and Regeneration by Modifying the Levels of Nitric Oxide. Frontiers in Molecular Neuroscience, 2020, 13, 56.	2.9	4
6	Single-Molecule Imaging of Recycling Synaptic Vesicles in Live Neurons. Neuromethods, 2020, , 81-114.	0.3	2
7	p110Î´ PI3-Kinase Inhibition Perturbs APP and TNFÎ± Trafficking, Reduces Plaque Burden, Dampens Neuroinflammation, and Prevents Cognitive Decline in an Alzheimer's Disease Mouse Model. Journal of Neuroscience, 2019, 39, 7976-7991.	3.6	20
8	Cholesterol Depletion Regulates Axonal Growth and Enhances Central and Peripheral Nerve Regeneration. Frontiers in Cellular Neuroscience, 2019, 13, 40.	3.7	37
9	Frontotemporal dementia mutant Tau promotes aberrant Fyn nanoclustering in hippocampal dendritic spines. ELife, 2019, 8, .	6.0	38
10	Amyloid-Î² and tau complexity â€" towards improved biomarkers and targeted therapies. Nature Reviews Neurology, 2018, 14, 22-39.	10.1	303
11	A conserved role for Syntaxin-1 in pre- and post-commissural midline axonal guidance in fly, chick, and mouse. PLoS Genetics, 2018, 14, e1007432.	3.5	10
12	Ubiquitination mediates Kv1.3 endocytosis as a mechanism for protein kinase C-dependent modulation. Scientific Reports, 2017, 7, 42395.	3.3	21
13	ERK1/2 Mediates EGF-Dependent Kv1.3 Endocytosis. Biophysical Journal, 2017, 112, 251a-252a.	0.5	0
14	Deciphering the Kv1.3/Caveolin Interaction. Biophysical Journal, 2017, 112, 252a.	0.5	0
15	The C-Terminal Domain of Kv1.3 Interacts with KCNE4 to form Oligomeric Channels. Biophysical Journal, 2017, 112, 545a.	0.5	0
16	Visualizing endocytic recycling and trafficking in live neurons by subdiffractional tracking of internalized molecules. Nature Protocols, 2017, 12, 2590-2622.	12.0	48
17	FAIM-L regulation of XIAP degradation modulates Synaptic Long-Term Depression and Axon Degeneration. Scientific Reports, 2016, 6, 35775.	3.3	17
18	Caveolin interaction governs Kv1.3 lipid raft targeting. Scientific Reports, 2016, 6, 22453.	3.3	35

#	Article	IF	Citations
19	Flux of signalling endosomes undergoing axonal retrograde transport is encoded by presynaptic activity and TrkB. Nature Communications, 2016, 7, 12976.	12.8	59
20	The carboxy terminal domain of Kv1.3 regulates functional interactions with the KCNE4 subunit. Journal of Cell Science, 2016, 129, 4265-4277.	2.0	16
21	Unconventional EGF-induced ERK1/2-mediated Kv1.3 endocytosis. Cellular and Molecular Life Sciences, 2016, 73, 1515-1528.	5.4	16
22	Regulation of Patterned Dynamics of Local Exocytosis in Growth Cones by Netrin-1. Journal of Neuroscience, 2015, 35, 5156-5170.	3.6	26
23	Blockade of the SNARE Protein Syntaxin 1 Inhibits Glioblastoma Tumor Growth. PLoS ONE, 2015, 10, e0119707.	2.5	30
24	A Non-Canonical Di-Acidic Signal at the C-Terminal of KV1.3 Determines Anterograde Trafficking and Surface Expression. Biophysical Journal, 2014, 106, 739a.	0.5	0
25	A non-canonical di-acidic signal at the C-terminal of Kv1.3 determines anterograde trafficking and surface expression. Journal of Cell Science, 2013, 126, 5681-91.	2.0	19
26	Protein Kinase C (PKC) Activity Regulates Functional Effects of KvÎ²1.3 Subunit on KV1.5 Channels. Journal of Biological Chemistry, 2012, 287, 21416-21428.	3.4	19
27	Syntaxin 1 is required for DCC/Netrinâ€1â€dependent chemoattraction of migrating neurons from the lower rhombic lip. European Journal of Neuroscience, 2012, 36, 3152-3164.	2.6	26
28	Multiple Kv1.5 targeting to membrane surface microdomains. Journal of Cellular Physiology, 2008, 217, 667-673.	4.1	34
29	Cell cycle-dependent expression of Kv1.5 is involved in myoblast proliferation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 728-736.	4.1	38
30	Differential regulation of NavÎ² subunits during myogenesis. Biochemical and Biophysical Research Communications, 2008, 368, 761-766.	2.1	13
31	Skeletal muscle Kv7 (KCNQ) channels in myoblast differentiation and proliferation. Biochemical and Biophysical Research Communications, 2008, 369, 1094-1097.	2.1	39
32	Voltage-dependent Na+ channel phenotype changes in myoblasts. Consequences for cardiac repairâ˜†. Cardiovascular Research, 2007, 76, 430-441.	3.8	11
33	Potassium channels: New targets in cancer therapy. Cancer Detection and Prevention, 2006, 30, 375-385.	2.1	114