

Ramón Martínez-Mármol

List of Publications by Year in descending order

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33
papers

1,062
citations

471509

17
h-index

454955

30
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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	p110 α PI3-Kinase Inhibition Perturbs APP and TNF α 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- β and tau complexity "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. <i>Nature Communications</i> , 2016, 7, 12976.	12.8	59
20	The carboxy terminal domain of Kv1.3 regulates functional interactions with the KCNE4 subunit. <i>Journal of Cell Science</i> , 2016, 129, 4265-4277.	2.0	16
21	Unconventional EGF-induced ERK1/2-mediated Kv1.3 endocytosis. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1515-1528.	5.4	16
22	Regulation of Patterned Dynamics of Local Exocytosis in Growth Cones by Netrin-1. <i>Journal of Neuroscience</i> , 2015, 35, 5156-5170.	3.6	26
23	Blockade of the SNARE Protein Syntaxin 1 Inhibits Glioblastoma Tumor Growth. <i>PLoS ONE</i> , 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. <i>Biophysical Journal</i> , 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. <i>Journal of Cell Science</i> , 2013, 126, 5681-91.	2.0	19
26	Protein Kinase C (PKC) Activity Regulates Functional Effects of Kv1.3 Subunit on KV1.5 Channels. <i>Journal of Biological Chemistry</i> , 2012, 287, 21416-21428.	3.4	19
27	Syntaxin 1 is required for DCC/Netrin-1-dependent chemoattraction of migrating neurons from the lower rhombic lip. <i>European Journal of Neuroscience</i> , 2012, 36, 3152-3164.	2.6	26
28	Multiple Kv1.5 targeting to membrane surface microdomains. <i>Journal of Cellular Physiology</i> , 2008, 217, 667-673.	4.1	34
29	Cell cycle-dependent expression of Kv1.5 is involved in myoblast proliferation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 728-736.	4.1	38
30	Differential regulation of Nav1.2 subunits during myogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 761-766.	2.1	13
31	Skeletal muscle Kv7 (KCNQ) channels in myoblast differentiation and proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 1094-1097.	2.1	39
32	Voltage-dependent Na ⁺ channel phenotype changes in myoblasts. Consequences for cardiac repair. <i>Cardiovascular Research</i> , 2007, 76, 430-441.	3.8	11
33	Potassium channels: New targets in cancer therapy. <i>Cancer Detection and Prevention</i> , 2006, 30, 375-385.	2.1	114