

Carolina Ca Aguado

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

899
citations

567281

15
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

1381
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the therapeutic potential of Girk channels. Trends in Neurosciences, 2014, 37, 20-29.	8.6	102
2	L-DOPA Oppositely Regulates Synaptic Strength and Spine Morphology in D1 and D2 Striatal Projection Neurons in Dyskinesia. Cerebral Cortex, 2016, 26, 4253-4264.	2.9	102
3	Patients with minimal hepatic encephalopathy show impaired mismatch negativity correlating with reduced performance in attention tests. Hepatology, 2012, 55, 530-539.	7.3	81
4	Cell type-specific subunit composition of G protein-gated potassium channels in the cerebellum. Journal of Neurochemistry, 2008, 105, 497-511.	3.9	67
5	Subcellular compartment-specific molecular diversity of pre- and post-synaptic GABA _B -activated GIRK channels in Purkinje cells. Journal of Neurochemistry, 2009, 110, 1363-1376.	3.9	65
6	Glutamate receptors of the delta family are widely expressed in the adult brain. Brain Structure and Function, 2015, 220, 2797-2815.	2.3	65
7	Localization and Targeting of GIRK Channels in Mammalian Central Neurons. International Review of Neurobiology, 2015, 123, 161-200.	2.0	49
8	Predisposition to late-onset obesity in GIRK4 knockout mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8148-8153.	7.1	42
9	β -Adrenergic Receptors Activate Exchange Protein Directly Activated by cAMP (Epac), Translocate Munc13-1, and Enhance the Rab3A-RIM1 \pm Interaction to Potentiate Glutamate Release at Cerebrocortical Nerve Terminals. Journal of Biological Chemistry, 2013, 288, 31370-31385.	3.4	42
10	Ontogenic Changes and Differential Localization of T-type Ca ²⁺ Channel Subunits Cav3.1 and Cav3.2 in Mouse Hippocampus and Cerebellum. Frontiers in Neuroanatomy, 2016, 10, 83.	1.7	33
11	Monitoring the colonization and infection of legume nodules by Micromonospora in co-inoculation experiments with rhizobia. Scientific Reports, 2017, 7, 11051.	3.3	29
12	Expression, Cellular and Subcellular Localisation of Kv4.2 and Kv4.3 Channels in the Rodent Hippocampus. International Journal of Molecular Sciences, 2019, 20, 246.	4.1	28
13	Differential association of GABAB receptors with their effector ion channels in Purkinje cells. Brain Structure and Function, 2018, 223, 1565-1587.	2.3	27
14	HCN1 channels reduce the rate of exocytosis from a subset of cortical synaptic terminals. Scientific Reports, 2017, 7, 40257.	3.3	22
15	Reduction in the neuronal surface of post and presynaptic GABA _B receptors in the hippocampus in a mouse model of Alzheimer's disease. Brain Pathology, 2020, 30, 554-575.	4.1	22
16	Membrane palmitoylated protein 2 is a synaptic scaffold protein required for synaptic SK2-containing channel function. ELife, 2016, 5, .	6.0	17
17	Polarised Localisation of the Voltage-Gated Sodium Channel Nav1.2 in Cerebellar Granule Cells. Cerebellum, 2013, 12, 16-26.	2.5	16
18	SK2 Channels Associate With mGlu1 \pm Receptors and CaV2.1 Channels in Purkinje Cells. Frontiers in Cellular Neuroscience, 2018, 12, 311.	3.7	13

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19	The Expression and Localisation of G-Protein-Coupled Inwardly Rectifying Potassium (GIRK) Channels Is Differentially Altered in the Hippocampus of Two Mouse Models of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11106.	4.1	13
20	Bidirectional modulation of glutamatergic synaptic transmission by metabotropic glutamate type 7 receptors at Schaffer collateral-CA1 hippocampal synapses. <i>Journal of Physiology</i> , 2018, 596, 921-940.	2.9	12
21	Differential maturation of GIRK2-expressing neurons in the mouse cerebellum. <i>Journal of Chemical Neuroanatomy</i> , 2013, 47, 79-89.	2.1	9
22	Cellular and Subcellular Localization of the RGS7/GÎ²5/R7BP Complex in the Cerebellar Cortex. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 114.	1.7	8
23	The Density of Group I mGlu5 Receptors Is Reduced along the Neuronal Surface of Hippocampal Cells in a Mouse Model of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5867.	4.1	8
24	Cellular and Subcellular Localisation of Kv4-Associated KCHIP Proteins in the Rat Cerebellum. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6403.	4.1	7
25	The Histoblot Technique: A Reliable Approach to Analyze Expression Profile of Proteins and to Predict Their Molecular Association. <i>Neuromethods</i> , 2019, , 65-88.	0.3	7
26	Characterization of Permeability Barrier Dysfunction in a Murine Model of Cutaneous Field Cancerization Following Chronic UV-B Irradiation: Implications for the Pathogenesis of Skin Cancer. <i>Cancers</i> , 2021, 13, 3935.	3.7	5
27	Cellular Diversity and Differential Subcellular Localization of the G-Protein GÎ±o Subunit in the Mouse Cerebellum. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 686279.	1.7	4
28	Neuron Class and Target Variability in the Three-Dimensional Localization of SK2 Channels in Hippocampal Neurons as Detected by Immunogold FIB-SEM. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 781314.	1.7	3