

Jose Martinez-Hernandez

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

970
citations

394421

19
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

1675
citing authors

#	ARTICLE	IF	CITATIONS
1	Tubulin tyrosination regulates synaptic function and is disrupted in Alzheimer's disease. <i>Brain</i> , 2022, 145, 2486-2506.	7.6	17
2	Alix is required for activity-dependent bulk endocytosis at brain synapses. <i>PLoS Biology</i> , 2022, 20, e3001659.	5.6	4
3	Reduction in the neuronal surface of post and presynaptic GABA _B receptors in the hippocampus in a mouse model of Alzheimer's disease. <i>Brain Pathology</i> , 2020, 30, 554-575.	4.1	22
4	Density of GABAB Receptors Is Reduced in Granule Cells of the Hippocampus in a Mouse Model of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2459.	4.1	21
5	Effect of A β Oligomers on Neuronal APP Triggers a Vicious Cycle Leading to the Propagation of Synaptic Plasticity Alterations to Healthy Neurons. <i>Journal of Neuroscience</i> , 2020, 40, 5161-5176.	3.6	13
6	Improved optical slicing by stimulated emission depletion light sheet microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 660.	2.9	7
7	PTEN Activity Defines an Axis for Plasticity at Cortico-Amygdala Synapses and Influences Social Behavior. <i>Cerebral Cortex</i> , 2019, 30, 505-524.	2.9	12
8	Quantitative proteomics reveals neuronal ubiquitination of Rng/Ddi1 and several proteasomal subunits by Ube3a, accounting for the complexity of Angelman syndrome. <i>Human Molecular Genetics</i> , 2018, 27, 1955-1971.	2.9	30
9	Synaptotoxicity in Alzheimer's Disease Involved a Dysregulation of Actin Cytoskeleton Dynamics through Cofilin 1 Phosphorylation. <i>Journal of Neuroscience</i> , 2018, 38, 10349-10361.	3.6	80
10	A key function for microtubule-associated-protein 6 in activity-dependent stabilisation of actin filaments in dendritic spines. <i>Nature Communications</i> , 2018, 9, 3775.	12.8	30
11	Examination of the hippocampal contribution to serotonin 5-HT _{2A} receptor-mediated facilitation of object memory in C57BL/6J mice. <i>Neuropharmacology</i> , 2016, 109, 332-340.	4.1	23
12	Anosmin-1 over-expression regulates oligodendrocyte precursor cell proliferation, migration and myelin sheath thickness. <i>Brain Structure and Function</i> , 2016, 221, 1365-1385.	2.3	44
13	Regulation of Postsynaptic Function by the Dementia-Related ESCRT-III Subunit CHMP2B. <i>Journal of Neuroscience</i> , 2015, 35, 3155-3173.	3.6	50
14	Localization of SK2 channels relative to excitatory synaptic sites in the mouse developing Purkinje cells. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 154.	1.7	8
15	Loss of neuronal 3D chromatin organization causes transcriptional and behavioural deficits related to serotonergic dysfunction. <i>Nature Communications</i> , 2014, 5, 4450.	12.8	33
16	Suppressing aberrant GluN3A expression rescues synaptic and behavioral impairments in Huntington's disease models. <i>Nature Medicine</i> , 2013, 19, 1030-1038.	30.7	108
17	Polarised Localisation of the Voltage-Gated Sodium Channel Nav1.2 in Cerebellar Granule Cells. <i>Cerebellum</i> , 2013, 12, 16-26.	2.5	16
18	Neuronal major histocompatibility complex class I molecules are implicated in the generation of asymmetries in hippocampal circuitry. <i>Journal of Physiology</i> , 2013, 591, 4777-4791.	2.9	23

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19	TRIP8b-Independent Trafficking and Plasticity of Adult Cortical Presynaptic HCN1 Channels. Journal of Neuroscience, 2012, 32, 14835-14848.	3.6	34
20	Methamphetamine-Evoked Depression of GABAB Receptor Signaling in GABA Neurons of the VTA. Neuron, 2012, 73, 978-989.	8.1	116
21	Lesions of the dopaminergic innervation of the nucleus accumbens medial shell delay the generation of preference for sucrose, but not of sexual pheromones. Behavioural Brain Research, 2012, 226, 538-547.	2.2	20
22	Dendrimer-mediated siRNA delivery knocks down Beclin 1 and potentiates NMDA-mediated toxicity in rat cortical neurons. Journal of Neurochemistry, 2012, 120, 259-268.	3.9	39
23	Refining the dual olfactory hypothesis: Pheromone reward and odour experience. Behavioural Brain Research, 2009, 200, 277-286.	2.2	114
24	Sexual pheromones and the evolution of the reward system of the brain: The chemosensory function of the amygdala. Brain Research Bulletin, 2008, 75, 460-466.	3.0	35
25	Have Sexual Pheromones Their Own Reward System in the Brain of Female Mice?. , 2008, , 261-270.		2
26	Selective dopaminergic lesions of the ventral tegmental area impair preference for sucrose but not for male sexual pheromones in female mice. European Journal of Neuroscience, 2006, 24, 885-893.	2.6	46