

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	Methamphetamine-Evoked Depression of GABAB Receptor Signaling in GABA Neurons of the VTA. <i>Neuron</i> , 2012, 73, 978-989.	8.1	116
2	Refining the dual olfactory hypothesis: Pheromone reward and odour experience. <i>Behavioural Brain Research</i> , 2009, 200, 277-286.	2.2	114
3	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
4	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
5	Regulation of Postsynaptic Function by the Dementia-Related ESCRT-III Subunit CHMP2B. <i>Journal of Neuroscience</i> , 2015, 35, 3155-3173.	3.6	50
6	Selective dopaminergic lesions of the ventral tegmental area impair preference for sucrose but not for male sexual pheromones in female mice. <i>European Journal of Neuroscience</i> , 2006, 24, 885-893.	2.6	46
7	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
8	Dendrimer-mediated siRNA delivery knocks down Beclin 1 and potentiates NMDA-mediated toxicity in rat cortical neurons. <i>Journal of Neurochemistry</i> , 2012, 120, 259-268.	3.9	39
9	Sexual pheromones and the evolution of the reward system of the brain: The chemosensory function of the amygdala. <i>Brain Research Bulletin</i> , 2008, 75, 460-466.	3.0	35
10	TRIP8b-Independent Trafficking and Plasticity of Adult Cortical Presynaptic HCN1 Channels. <i>Journal of Neuroscience</i> , 2012, 32, 14835-14848.	3.6	34
11	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
12	Quantitative proteomics reveals neuronal ubiquitination of Rngo/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
13	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
14	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
15	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
16	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
17	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
18	Lesions of the dopaminergic innervation of the nucleus accumbens medial shell delay the generation of preference for sucrose, but not of sexual pheromones. <i>Behavioural Brain Research</i> , 2012, 226, 538-547.	2.2	20

#	ARTICLE	IF	CITATIONS
19	Tubulin tyrosination regulates synaptic function and is disrupted in Alzheimer's disease. <i>Brain</i> , 2022, 145, 2486-2506.	7.6	17
20	Polarised Localisation of the Voltage-Gated Sodium Channel Nav1.2 in Cerebellar Granule Cells. <i>Cerebellum</i> , 2013, 12, 16-26.	2.5	16
21	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
22	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
23	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
24	Improved optical slicing by stimulated emission depletion light sheet microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 660.	2.9	7
25	Alix is required for activity-dependent bulk endocytosis at brain synapses. <i>PLoS Biology</i> , 2022, 20, e3001659.	5.6	4
26	Have Sexual Pheromones Their Own Reward System in the Brain of Female Mice?. , 2008, , 261-270.		2