

Ramon Guirado

List of Publications by Citations

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Version: 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

1,095
citations

19
h-index

33
g-index

34
ext. papers

1,280
ext. citations

5.1
avg, IF

4.14
L-index

#	Paper	IF	Citations
34	A population of prenatally generated cells in the rat paleocortex maintains an immature neuronal phenotype into adulthood. <i>Cerebral Cortex</i> , 2008 , 18, 2229-40	5.1	91
33	Chronic stress alters inhibitory networks in the medial prefrontal cortex of adult mice. <i>Brain Structure and Function</i> , 2013 , 218, 1591-605	4	86
32	Alterations in the expression of PSA-NCAM and synaptic proteins in the dorsolateral prefrontal cortex of psychiatric disorder patients. <i>Neuroscience Letters</i> , 2012 , 530, 97-102	3.3	77
31	The polysialylated form of the neural cell adhesion molecule (PSA-NCAM) is expressed in a subpopulation of mature cortical interneurons characterized by reduced structural features and connectivity. <i>Cerebral Cortex</i> , 2011 , 21, 1028-41	5.1	77
30	Expression of PSA-NCAM and synaptic proteins in the amygdala of psychiatric disorder patients. <i>Journal of Psychiatric Research</i> , 2012 , 46, 189-97	5.2	76
29	Chronic fluoxetine treatment alters the structure, connectivity and plasticity of cortical interneurons. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1635-46	5.8	69
28	Impaired hippocampal neuroligin-2 function by chronic stress or synthetic peptide treatment is linked to social deficits and increased aggression. <i>Neuropsychopharmacology</i> , 2014 , 39, 1148-58	8.7	60
27	Structural plasticity of interneurons in the adult brain: role of PSA-NCAM and implications for psychiatric disorders. <i>Neurochemical Research</i> , 2013 , 38, 1122-33	4.6	59
26	Chronic fluoxetine treatment in middle-aged rats induces changes in the expression of plasticity-related molecules and in neurogenesis. <i>BMC Neuroscience</i> , 2012 , 13, 5	3.2	51
25	Isoflurane produces antidepressant effects and induces TrkB signaling in rodents. <i>Scientific Reports</i> , 2017 , 7, 7811	4.9	45
24	Divergent impact of the polysialyltransferases ST8SialII and ST8SialIV on polysialic acid expression in immature neurons and interneurons of the adult cerebral cortex. <i>Neuroscience</i> , 2010 , 167, 825-37	3.9	45
23	The dendritic spines of interneurons are dynamic structures influenced by PSA-NCAM expression. <i>Cerebral Cortex</i> , 2014 , 24, 3014-24	5.1	41
22	Dopamine acting through D2 receptors modulates the expression of PSA-NCAM, a molecule related to neuronal structural plasticity, in the medial prefrontal cortex of adult rats. <i>Experimental Neurology</i> , 2008 , 214, 97-111	5.7	39
21	Effects of chronic fluoxetine treatment on the rat somatosensory cortex: activation and induction of neuronal structural plasticity. <i>Neuroscience Letters</i> , 2009 , 457, 12-5	3.3	36
20	Social Learning Requires Plasticity Enhanced by Fluoxetine Through Prefrontal Bdnf-TrkB Signaling to Limit Aggression Induced by Post-Weaning Social Isolation. <i>Neuropsychopharmacology</i> , 2018 , 43, 235-245	8.7	35
19	Automated analysis of images for molecular quantification in immunohistochemistry. <i>Heliyon</i> , 2018 , 4, e00669	3.6	30
18	Differential evolution of PSA-NCAM expression during aging of the rat telencephalon. <i>Neurobiology of Aging</i> , 2009 , 30, 808-18	5.6	27

17	Perineuronal Nets Regulate the Inhibitory Perisomatic Input onto Parvalbumin Interneurons and \square Activity in the Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2020 , 40, 5008-5018	6.6	25
16	Chronic Stress Modulates Interneuronal Plasticity: Effects on PSA-NCAM and Perineuronal Nets in Cortical and Extracortical Regions. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 197	6.1	20
15	Alterations of perineuronal nets in the dorsolateral prefrontal cortex of neuropsychiatric patients. <i>International Journal of Bipolar Disorders</i> , 2019 , 7, 24	5.4	18
14	NMDA Receptors Regulate the Structural Plasticity of Spines and Axonal Boutons in Hippocampal Interneurons. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 166	6.1	15
13	Gene expression patterns underlying the reinstatement of plasticity in the adult visual system. <i>Neural Plasticity</i> , 2013 , 2013, 605079	3.3	15
12	Evidence for Competition for Target Innervation in the Medial Prefrontal Cortex. <i>Cerebral Cortex</i> , 2016 , 26, 1287-94	5.1	14
11	Effects of the Antidepressant Fluoxetine on the Somatostatin Interneurons in the Basolateral Amygdala. <i>Neuroscience</i> , 2018 , 386, 205-213	3.9	10
10	Effects of PSA Removal from NCAM on the Critical Period Plasticity Triggered by the Antidepressant Fluoxetine in the Visual Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2016 , 10, 22	6.1	10
9	Neurochemical Phenotype of Reelin Immunoreactive Cells in the Piriform Cortex Layer II. <i>Frontiers in Cellular Neuroscience</i> , 2016 , 10, 65	6.1	9
8	\square -Tetrahydrocannabinol treatment during adolescence and alterations in the inhibitory networks of the adult prefrontal cortex in mice subjected to perinatal NMDA receptor antagonist injection and to postweaning social isolation. <i>Translational Psychiatry</i> , 2020 , 10, 177	8.6	5
7	A Critical Period for Prefrontal Network Configurations Underlying Psychiatric Disorders and Addiction. <i>Frontiers in Behavioral Neuroscience</i> , 2020 , 14, 51	3.5	5
6	Pharmacological Manipulation of Critical Period Plasticity 2018 ,		2
5	Long term effects of 24-h-restraint stress on the connectivity and structure of interneurons in the basolateral amygdala.. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022 , 110512	5.5	1
4	Dark exposure affects plasticity-related molecules and interneurons throughout the visual system during adulthood. <i>Journal of Comparative Neurology</i> , 2020 , 528, 1349-1366	3.4	1
3	Optical activation of TrkB neurotrophin receptor in mouse ventral hippocampus promotes plasticity and facilitates fear extinction		1
2	The Medial Prefrontal Cortex (mPFC) and Addictions 2022 , 1-16		
1	Impact of stress on inhibitory neuronal circuits, our tribute to Bruce McEwen. <i>Neurobiology of Stress</i> , 2022 , 19, 100460	7.6	