

Ramon Guirado

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,412
citations

361413
20
h-index

434195
31
g-index

34
all docs

34
docs citations

34
times ranked

1908
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic stress alters inhibitory networks in the medial prefrontal cortex of adult mice. <i>Brain Structure and Function</i> , 2013, 218, 1591-1605.	2.3	112
2	A Population of Prenatally Generated Cells in the Rat Paleocortex Maintains an Immature Neuronal Phenotype into Adulthood. <i>Cerebral Cortex</i> , 2008, 18, 2229-2240.	2.9	105
3	Expression of PSA-NCAM and synaptic proteins in the amygdala of psychiatric disorder patients. <i>Journal of Psychiatric Research</i> , 2012, 46, 189-197.	3.1	91
4	Chronic fluoxetine treatment alters the structure, connectivity and plasticity of cortical interneurons. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1635-1646.	2.1	90
5	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.	2.1	89
6	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, 1028-1041.	2.9	85
7	Isoflurane produces antidepressant effects and induces TrkB signaling in rodents. <i>Scientific Reports</i> , 2017, 7, 7811.	3.3	70
8	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, 1148-1158.	5.4	69
9	Structural Plasticity of Interneurons in the Adult Brain: Role of PSA-NCAM and Implications for Psychiatric Disorders. <i>Neurochemical Research</i> , 2013, 38, 1122-1133.	3.3	67
10	Perineuronal Nets Regulate the Inhibitory Perisomatic Input onto Parvalbumin Interneurons and $\hat{\Gamma}^3$ Activity in the Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2020, 40, 5008-5018.	3.6	66
11	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.	1.9	59
12	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.	5.4	51
13	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, 825-837.	2.3	50
14	Automated analysis of images for molecular quantification in immunohistochemistry. <i>Heliyon</i> , 2018, 4, e00669.	3.2	46
15	The Dendritic Spines of Interneurons Are Dynamic Structures Influenced by PSA-NCAM Expression. <i>Cerebral Cortex</i> , 2014, 24, 3014-3024.	2.9	45
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.	3.7	41
17	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.	4.1	40
18	Effects of chronic fluoxetine treatment on the rat somatosensory cortex: Activation and induction of neuronal structural plasticity. <i>Neuroscience Letters</i> , 2009, 457, 12-15.	2.1	39

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19	Alterations of perineuronal nets in the dorsolateral prefrontal cortex of neuropsychiatric patients. International Journal of Bipolar Disorders, 2019, 7, 24.	2.2	33
20	Differential evolution of PSA-NCAM expression during aging of the rat telencephalon. Neurobiology of Aging, 2009, 30, 808-818.	3.1	30
21	NMDA Receptors Regulate the Structural Plasticity of Spines and Axonal Boutons in Hippocampal Interneurons. Frontiers in Cellular Neuroscience, 2017, 11, 166.	3.7	23
22	Gene Expression Patterns Underlying the Reinstatement of Plasticity in the Adult Visual System. Neural Plasticity, 2013, 2013, 1-8.	2.2	17
23	Evidence for Competition for Target Innervation in the Medial Prefrontal Cortex. Cerebral Cortex, 2016, 26, 1287-1294.	2.9	15
24	Î”-9-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. Translational Psychiatry, 2020, 10, 177.	4.8	14
25	A Critical Period for Prefrontal Network Configurations Underlying Psychiatric Disorders and Addiction. Frontiers in Behavioral Neuroscience, 2020, 14, 51.	2.0	12
26	Effects of PSA Removal from NCAM on the Critical Period Plasticity Triggered by the Antidepressant Fluoxetine in the Visual Cortex. Frontiers in Cellular Neuroscience, 2016, 10, 22.	3.7	11
27	Neurochemical Phenotype of Reelin Immunoreactive Cells in the Piriform Cortex Layer II. Frontiers in Cellular Neuroscience, 2016, 10, 65.	3.7	11
28	Effects of the Antidepressant Fluoxetine on the Somatostatin Interneurons in the Basolateral Amygdala. Neuroscience, 2018, 386, 205-213.	2.3	11
29	Impact of stress on inhibitory neuronal circuits, our tribute to Bruce McEwen. Neurobiology of Stress, 2022, 19, 100460.	4.0	6
30	Long term effects of 24-h-restraint stress on the connectivity and structure of interneurons in the basolateral amygdala. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 115, 110512.	4.8	5
31	Dark exposure affects plasticity-related molecules and interneurons throughout the visual system during adulthood. Journal of Comparative Neurology, 2020, 528, 1349-1366.	1.6	2