

# Ramon Guirado

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,412  
citations

361045

20  
h-index

433756

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.	1.2	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.	1.6	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.	1.5	91
4	Chronic fluoxetine treatment alters the structure, connectivity and plasticity of cortical interneurons. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1635-1646.	1.0	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.	1.0	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.	1.6	85
7	Isoflurane produces antidepressant effects and induces TrkB signaling in rodents. <i>Scientific Reports</i> , 2017, 7, 7811.	1.6	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.	2.8	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.	1.6	67
10	Perineuronal Nets Regulate the Inhibitory Perisomatic Input onto Parvalbumin Interneurons and $\hat{\nu}$ 3 Activity in the Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2020, 40, 5008-5018.	1.7	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.	0.8	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.	2.8	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.	1.1	50
14	Automated analysis of images for molecular quantification in immunohistochemistry. <i>Heliyon</i> , 2018, 4, e00669.	1.4	46
15	The Dendritic Spines of Interneurons Are Dynamic Structures Influenced by PSA-NCAM Expression. <i>Cerebral Cortex</i> , 2014, 24, 3014-3024.	1.6	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.	1.8	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.	2.0	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.	1.0	39

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19	Alterations of perineuronal nets in the dorsolateral prefrontal cortex of neuropsychiatric patients. <i>International Journal of Bipolar Disorders</i> , 2019, 7, 24.	0.8	33
20	Differential evolution of PSA-NCAM expression during aging of the rat telencephalon. <i>Neurobiology of Aging</i> , 2009, 30, 808-818.	1.5	30
21	NMDA Receptors Regulate the Structural Plasticity of Spines and Axonal Boutons in Hippocampal Interneurons. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 166.	1.8	23
22	Gene Expression Patterns Underlying the Reinstatement of Plasticity in the Adult Visual System. <i>Neural Plasticity</i> , 2013, 2013, 1-8.	1.0	17
23	Evidence for Competition for Target Innervation in the Medial Prefrontal Cortex. <i>Cerebral Cortex</i> , 2016, 26, 1287-1294.	1.6	15
24	Δ <sup>9</sup> -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.	2.4	14
25	A Critical Period for Prefrontal Network Configurations Underlying Psychiatric Disorders and Addiction. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 51.	1.0	12
26	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.	1.8	11
27	Neurochemical Phenotype of Reelin Immunoreactive Cells in the Piriform Cortex Layer II. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 65.	1.8	11
28	Effects of the Antidepressant Fluoxetine on the Somatostatin Interneurons in the Basolateral Amygdala. <i>Neuroscience</i> , 2018, 386, 205-213.	1.1	11
29	Impact of stress on inhibitory neuronal circuits, our tribute to Bruce McEwen. <i>Neurobiology of Stress</i> , 2022, 19, 100460.	1.9	6
30	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, 115, 110512.	2.5	5
31	Dark exposure affects plasticity-related molecules and interneurons throughout the visual system during adulthood. <i>Journal of Comparative Neurology</i> , 2020, 528, 1349-1366.	0.9	2