Roberto C AgÃ-s-Balboa

List of Publications by Year
in descending order

33 papers	3,692 citations	201674 27 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	5335 citing authors

#	Article	IF	Citations
1	Altered Histone Acetylation Is Associated with Age-Dependent Memory Impairment in Mice. Science, 2010, 328, 753-756.	12.6	851
2	Characterization of brain neurons that express enzymes mediating neurosteroid biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14602-14607.	7.1	335
3	Sodium Butyrate Improves Memory Function in an Alzheimer's Disease Mouse Model When Administered at an Advanced Stage of Disease Progression. Journal of Alzheimer's Disease, 2011, 26, 187-197.	2.6	313
4	microRNA-34c is a novel target to treat dementias. EMBO Journal, 2011, 30, 4299-4308.	7.8	302
5	Reelin and glutamic acid decarboxylase67 promoter remodeling in an epigenetic methionine-induced mouse model of schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12578-12583.	7.1	188
6	Down-regulation of neurosteroid biosynthesis in corticolimbic circuits mediates social isolation-induced behavior in mice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18736-18741.	7.1	160
7	Epigenetic mechanisms expressed in basal ganglia GABAergic neurons differentiate schizophrenia from bipolar disorder. Schizophrenia Research, 2007, 91, 51-61.	2.0	137
8	A hippocampal insulin-growth factor 2 pathway regulates the extinction of fear memories. EMBO Journal, 2011, 30, 4071-4083.	7.8	129
9	Histone-Methyltransferase MLL2 (KMT2B) Is Required for Memory Formation in Mice. Journal of Neuroscience, 2013, 33, 3452-3464.	3.6	121
10	Epigenetic mechanisms during ageing and neurogenesis as novel therapeutic avenues in human brain disorders. Clinical Epigenetics, 2017, 9, 67.	4.1	108
11	Neurosteroid Biosynthesis Regulates Sexually Dimorphic Fear and Aggressive Behavior in Mice. Neurochemical Research, 2008, 33, 1990-2007.	3.3	101
12	Loss of HDAC5 Impairs Memory Function: Implications for Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, 35-44.	2.6	90
13	KMT2A and KMT2B Mediate Memory Function by Affecting Distinct Genomic Regions. Cell Reports, 2017, 20, 538-548.	6.4	77
14	Cytokines dysregulation in schizophrenia: A systematic review of psychoneuroimmune relationship. Schizophrenia Research, 2018, 197, 19-33.	2.0	77
15	Imidazenil and diazepam increase locomotor activity in mice exposed to protracted social isolation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 4275-4280.	7.1	76
16	5Î±-reductase type I expression is downregulated in the prefrontal cortex/Brodmannâ€™s area 9 (BA9) of depressed patients. Psychopharmacology, 2014, 231, 3569-3580.	3.1	76
17	Important role of microglia in HIV-1 associated neurocognitive disorders and the molecular pathways implicated in its pathogenesis. Annals of Medicine, 2021, 53, 43-69.	3.8	67
18	Chronic exposure to cannabinoids during adolescence causes longâ€lasting behavioral deficits in adult mice. Addiction Biology, 2017, 22, 1778-1789.	2.6	48

#	Article	IF	Citations
19	Formin 2 links neuropsychiatric phenotypes at young age to an increased risk for dementia. EMBO Journal, 2017, 36, 2815-2828.	7.8	45
20	Loss of GABAergic cortical neurons underlies the neuropathology of Lafora disease. Molecular Brain, 2014, 7, 7.	2.6	44
21	Schizophrenia: A review of potential biomarkers. Journal of Psychiatric Research, 2017, 93, 37-49.	3.1	44
22	Brain Neurosteroids in Gender-Related Aggression Induced by Social Isolation. Critical Reviews in Neurobiology, 2004, 16, 75-82.	3.1	42
23	Insulin growth factor binding protein 7 is a novel target to treat dementia. Neurobiology of Disease, 2014, 62, 135-143.	4.4	40
24	The neurobiological hypothesis of neurotrophins in the pathophysiology of schizophrenia: A meta-analysis. Journal of Psychiatric Research, 2018, 106, 43-53.	3.1	40
25	Induction of the reelin promoter by retinoic acid is mediated by Sp1. Journal of Neurochemistry, 2007, 103, 650-665.	3.9	39
26	The role of the gut microbiota in schizophrenia: Current and future perspectives. World Journal of Biological Psychiatry, 2018, 19, 571-585.	2.6	39
27	Generating new neurons to circumvent your fears: the role of IGF signaling. Cellular and Molecular Life Sciences, 2014, 71, 21-42.	5.4	35
28	Enhanced fear responses in mice treated with anabolic androgenic steroids. NeuroReport, 2009, 20, 617-621.	1.2	23
29	Serotonin transporter clustering in blood lymphocytes predicts the outcome on anhedonia scores in naÃ¯ve depressive patients treated with antidepressant medication. Annals of General Psychiatry, 2015, 14, 45.	2.7	13
30	The role of dopamine receptors in lymphocytes and their changes in schizophrenia. Brain, Behavior, & Immunity - Health, 2021, 12, 100199.	2.5	13
31	Microglia: The Real Foe in HIV-1-Associated Neurocognitive Disorders?. Biomedicines, 2021, 9, 925.	3.2	9
32	Application of miRNA-seq in neuropsychiatry: A methodological perspective. Computers in Biology and Medicine, 2021, 135, 104603.	7.0	7
33	On the Reproducibility of MiRNA-Seq Differential Expression Analyses in Neuropsychiatric Diseases. Lecture Notes in Networks and Systems, 2022, , 41-51.	0.7	1