

Joana M Gil-Mohapel

List of Publications by Citations

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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.

68

papers

3,154

citations

30

h-index

56

g-index

73

ext. papers

3,664

ext. citations

4.8

avg, IF

5.36

L-index

#	Paper	IF	Citations
68	Mechanisms of neurodegeneration in Huntington's disease. <i>European Journal of Neuroscience</i> , 2008 , 27, 2803-20	3.5	345
67	Orexin loss in Huntington's disease. <i>Human Molecular Genetics</i> , 2005 , 14, 39-47	5.6	222
66	The effects of aging in the hippocampus and cognitive decline. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 79, 66-86	9	186
65	Reduced hippocampal neurogenesis in R6/2 transgenic Huntington's disease mice. <i>Neurobiology of Disease</i> , 2005 , 20, 744-51	7.5	148
64	Hippocampal cell loss and neurogenesis after fetal alcohol exposure: insights from different rodent models. <i>Brain Research Reviews</i> , 2010 , 64, 283-303		145
63	Anxiety- and depression-like behaviors are accompanied by an increase in oxidative stress in a rat model of fetal alcohol spectrum disorders: Protective effects of voluntary physical exercise. <i>Neuropharmacology</i> , 2012 , 62, 1607-18	5.5	123
62	The role of oxidative stress in fetal alcohol spectrum disorders. <i>Brain Research Reviews</i> , 2011 , 67, 209-25		116
61	The R6/2 transgenic mouse model of Huntington's disease develops diabetes due to deficient beta-cell mass and exocytosis. <i>Human Molecular Genetics</i> , 2005 , 14, 565-74	5.6	116
60	Progressive alterations in the hypothalamic-pituitary-adrenal axis in the R6/2 transgenic mouse model of Huntington's disease. <i>Human Molecular Genetics</i> , 2006 , 15, 1713-21	5.6	110
59	Endogenous cannabinoid signaling is required for voluntary exercise-induced enhancement of progenitor cell proliferation in the hippocampus. <i>Hippocampus</i> , 2010 , 20, 513-23	3.5	87
58	Altered adult hippocampal neurogenesis in the YAC128 transgenic mouse model of Huntington disease. <i>Neurobiology of Disease</i> , 2011 , 41, 249-60	7.5	86
57	Cytosolic and mitochondrial ROS in staurosporine-induced retinal cell apoptosis. <i>Free Radical Biology and Medicine</i> , 2003 , 35, 1500-14	7.8	85
56	Running reduces stress and enhances cell genesis in aged mice. <i>Neurobiology of Aging</i> , 2011 , 32, 2279-86	5.6	84
55	Hippocampal neurogenesis levels predict WATERMAZE search strategies in the aging brain. <i>PLoS ONE</i> , 2013 , 8, e75125	3.7	80
54	Depression in neurodegenerative diseases: Common mechanisms and current treatment options. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 102, 56-84	9	79
53	Physical exercise-induced adult neurogenesis: a good strategy to prevent cognitive decline in neurodegenerative diseases?. <i>BioMed Research International</i> , 2014 , 2014, 403120	3	68
52	The role of oxidative stress in Huntington's disease: are antioxidants good therapeutic candidates?. <i>Current Drug Targets</i> , 2014 , 15, 454-68	3	64

51	Fmr1 knockout mice show reduced anxiety and alterations in neurogenesis that are specific to the ventral dentate gyrus. <i>Neurobiology of Disease</i> , 2009 , 36, 361-73	7.5	60
50	The R6 lines of transgenic mice: a model for screening new therapies for Huntington's disease. <i>Brain Research Reviews</i> , 2009 , 59, 410-31		56
49	Voluntary exercise induces adult hippocampal neurogenesis and BDNF expression in a rodent model of fetal alcohol spectrum disorders. <i>European Journal of Neuroscience</i> , 2011 , 33, 1799-811	3.5	55
48	The effects of hormones and physical exercise on hippocampal structural plasticity. <i>Frontiers in Neuroendocrinology</i> , 2016 , 41, 23-43	8.9	49
47	Altered adult hippocampal neuronal maturation in a rat model of fetal alcohol syndrome. <i>Brain Research</i> , 2011 , 1384, 29-41	3.7	49
46	Guanosine and its role in neuropathologies. <i>Purinergic Signalling</i> , 2016 , 12, 411-26	3.8	48
45	Neurogenesis in Huntington's disease: can studying adult neurogenesis lead to the development of new therapeutic strategies?. <i>Brain Research</i> , 2011 , 1406, 84-105	3.7	46
44	Calpain activation is involved in early caspase-independent neurodegeneration in the hippocampus following status epilepticus. <i>Journal of Neurochemistry</i> , 2008 , 105, 666-76	6	41
43	Hippocampal dysfunction and cognitive impairment in Fragile-X Syndrome. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 563-574	9	39
42	Stress differentially regulates the effects of voluntary exercise on cell proliferation in the dentate gyrus of mice. <i>Hippocampus</i> , 2009 , 19, 889-97	3.5	37
41	Beyond the Hippocampus and the SVZ: Adult Neurogenesis Throughout the Brain. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 576444	6.1	34
40	Impairments in hippocampal synaptic plasticity following prenatal ethanol exposure are dependent on glutathione levels. <i>Hippocampus</i> , 2013 , 23, 1463-75	3.5	32
39	Revisiting the flip side: Long-term depression of synaptic efficacy in the hippocampus. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 80, 394-413	9	30
38	Antidepressant and pro-neurogenic effects of agmatine in a mouse model of stress induced by chronic exposure to corticosterone. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 81, 395-407	5.5	30
37	Proteolysis of NR2B by calpain in the hippocampus of epileptic rats. <i>NeuroReport</i> , 2005 , 16, 393-6	1.7	30
36	Prenatal ethanol exposure differentially affects hippocampal neurogenesis in the adolescent and aged brain. <i>Neuroscience</i> , 2014 , 273, 174-88	3.9	29
35	Deletion of the NMDA receptor GluN2A subunit significantly decreases dendritic growth in maturing dentate granule neurons. <i>PLoS ONE</i> , 2014 , 9, e103155	3.7	26
34	The antidepressant-like effect of chronic guanosine treatment is associated with increased hippocampal neuronal differentiation. <i>European Journal of Neuroscience</i> , 2016 , 43, 1006-15	3.5	24

33	Mitochondrial apoptotic cell death and moderate superoxide generation upon selective activation of non-desensitizing AMPA receptors in hippocampal cultures. <i>Journal of Neurochemistry</i> , 2003 , 86, 792-804	6	24
32	Liquid diets reduce cell proliferation but not neurogenesis in the adult rat hippocampus. <i>Neuroscience</i> , 2013 , 254, 173-84	3.9	23
31	Creatine Prevents Corticosterone-Induced Reduction in Hippocampal Proliferation and Differentiation: Possible Implication for Its Antidepressant Effect. <i>Molecular Neurobiology</i> , 2017 , 54, 6245-6260	6.2	23
30	The Effects of Ethanol Exposure During Distinct Periods of Brain Development on Oxidative Stress in the Adult Rat Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2017 , 41, 26-37	3.7	23
29	Mitochondrial Dysfunction, Neurogenesis, and Epigenetics: Putative Implications for Amyotrophic Lateral Sclerosis Neurodegeneration and Treatment. <i>Frontiers in Neuroscience</i> , 2020 , 14, 679	5.1	19
28	YAC128 Huntington's disease transgenic mice show enhanced short-term hippocampal synaptic plasticity early in the course of the disease. <i>Brain Research</i> , 2014 , 1581, 117-28	3.7	15
27	Screening of therapeutic strategies for Huntington's disease in YAC128 transgenic mice. <i>CNS Neuroscience and Therapeutics</i> , 2012 , 18, 77-86	6.8	15
26	Prophylactic effect of physical exercise on A β -induced depressive-like behavior: Role of BDNF, mTOR signaling, cell proliferation and survival in the hippocampus. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 94, 109646	5.5	13
25	Effects of Ethanol Exposure during Distinct Periods of Brain Development on Hippocampal Synaptic Plasticity. <i>Brain Sciences</i> , 2013 , 3, 1076-94	3.4	13
24	Time-Course Analysis of Protein and Lipid Oxidation in the Brains of Yac128 Huntington's Disease Transgenic Mice. <i>Rejuvenation Research</i> , 2016 , 19, 140-8	2.6	12
23	Characterization of the neurogenesis quiescent zone in the rodent brain: effects of age and exercise. <i>European Journal of Neuroscience</i> , 2010 , 31, 797-807	3.5	12
22	Enhanced corticosteroid signaling alters synaptic plasticity in the dentate gyrus in mice lacking the fragile X mental retardation protein. <i>Neurobiology of Disease</i> , 2015 , 77, 26-34	7.5	11
21	Prenatal ethanol exposure impairs temporal ordering behaviours in young adult rats. <i>Behavioural Brain Research</i> , 2016 , 299, 81-9	3.4	10
20	Normal sensitivity to excitotoxicity in a transgenic Huntington's disease rat. <i>Brain Research Bulletin</i> , 2006 , 69, 306-10	3.9	10
19	Antidepressant-like and pro-neurogenic effects of physical exercise: the putative role of FND5/irisin pathway. <i>Journal of Neural Transmission</i> , 2020 , 127, 355-370	4.3	8
18	Brain-Derived Neurotrophic Factor Prevents Depressive-Like Behaviors in Early-Symptomatic YAC128 Huntington's Disease Mice. <i>Molecular Neurobiology</i> , 2018 , 55, 7201-7215	6.2	8
17	ISX-9 can potentiate cell proliferation and neuronal commitment in the rat dentate gyrus. <i>Neuroscience</i> , 2016 , 332, 212-22	3.9	8
16	New Avenues for the Treatment of Huntington's Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7

15	Effects of Isx-9 and stress on adult hippocampal neurogenesis: Experimental considerations and future perspectives. <i>Neurogenesis (Austin, Tex)</i> , 2017 , 4, e1317692		6
14	Antidepressant Effects of Probucol on Early-Symptomatic YAC128 Transgenic Mice for Huntington's Disease. <i>Neural Plasticity</i> , 2018 , 2018, 4056383	3.3	6
13	Protective Effects of Agmatine Against Corticosterone-Induced Impairment on Hippocampal mTOR Signaling and Cell Death. <i>Neurotoxicity Research</i> , 2020 , 38, 319-329	4.3	4
12	Therapeutic Strategies for Huntingtons Disease: From the Bench to the Clinic. <i>Current Psychopharmacology</i> , 2012 , 1, 137-154	0.6	4
11	Current perspectives on the antidepressant-like effects of guanosine. <i>Neural Regeneration Research</i> , 2016 , 11, 1411-1413	4.5	4
10	Oxidative Stress in Fetal Alcohol Spectrum Disorders Insights for the Development of Antioxidant-Based Therapies 2014 , 645-667		4
9	Interplay between hormones and exercise on hippocampal plasticity across the lifespan. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165821	6.9	3
8	In Pursuit of Healthy Aging: Effects of Nutrition on Brain Function. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
7	The three sisters of fate: Genetics, pathophysiology and outcomes of animal models of neurodegenerative diseases.. <i>Neuroscience and Biobehavioral Reviews</i> , 2022 , 104541	9	2
6	Doen̄ de Huntington. <i>Revista Neurociencias</i> , 2011 , 19, 724-734	0	2
5	Impaired spatial processing in a mouse model of fragile X syndrome. <i>Behavioural Brain Research</i> , 2018 , 350, 72-79	3.4	1
4	Alcohol Use Disorder: Neurobiology and Therapeutics. <i>Biomedicines</i> , 2022 , 10, 1192	4.8	1
3	Ethanol Exposure During Development, and Brain Oxidative Stress 2019 , 493-503		0
2	Linking Huntington disease, brain-derived neurotrophic factor, and depressive-like behaviors 2021 , 161-177		0
1	Characterization of the neurogenesis quiescent zone in the rodent brain: effects of age and exercise. <i>European Journal of Neuroscience</i> , 2010 , 31, 1708-1708	3.5	