

Juan M Encinas

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

5,533
citations

186265
28
h-index

144013
57
g-index

57
all docs

57
docs citations

57
times ranked

6713
citing authors

#	ARTICLE	IF	CITATIONS
1	Microglia Shape Adult Hippocampal Neurogenesis through Apoptosis-Coupled Phagocytosis. <i>Cell Stem Cell</i> , 2010, 7, 483-495.	11.1	1,286
2	Division-Coupled Astrocytic Differentiation and Age-Related Depletion of Neural Stem Cells in the Adult Hippocampus. <i>Cell Stem Cell</i> , 2011, 8, 566-579.	11.1	768
3	Fluoxetine targets early progenitor cells in the adult brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8233-8238.	7.1	552
4	Intermediate Progenitors in Adult Hippocampal Neurogenesis: Tbr2 Expression and Coordinate Regulation of Neuronal Output. <i>Journal of Neuroscience</i> , 2008, 28, 3707-3717.	3.6	277
5	Neuronal Hyperactivity Accelerates Depletion of Neural Stem Cells and Impairs Hippocampal Neurogenesis. <i>Cell Stem Cell</i> , 2015, 16, 488-503.	11.1	226
6	Adult Neurogenesis, Mental Health, and Mental Illness: Hope or Hype?: Figure 1.. <i>Journal of Neuroscience</i> , 2008, 28, 11785-11791.	3.6	225
7	Surveillance, Phagocytosis, and Inflammation: How Never-Resting Microglia Influence Adult Hippocampal Neurogenesis. <i>Neural Plasticity</i> , 2014, 2014, 1-15.	2.2	208
8	Genetic approaches identify adult pituitary stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6332-6337.	7.1	176
9	Identifying and Quantitating Neural Stem and Progenitor Cells in the Adult Brain. <i>Methods in Cell Biology</i> , 2008, 85, 243-272.	1.1	144
10	Neuronal Hyperactivity Disturbs ATP Microgradients, Impairs Microglial Motility, and Reduces Phagocytic Receptor Expression Triggering Apoptosis/Microglial Phagocytosis Uncoupling. <i>PLoS Biology</i> , 2016, 14, e1002466.	5.6	140
11	Neurogenic hippocampal targets of deep brain stimulation. <i>Journal of Comparative Neurology</i> , 2011, 519, 6-20.	1.6	112
12	Expression of nitric oxide system in clinically evaluated cases of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2004, 15, 287-305.	4.4	110
13	Neural stem cell deforestation as the main force driving the age-related decline in adult hippocampal neurogenesis. <i>Behavioural Brain Research</i> , 2012, 227, 433-439.	2.2	81
14	Adult Human Neurogenesis: From Microscopy to Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2011, 5, 47.	2.8	77
15	Lunatic fringe-mediated Notch signaling regulates adult hippocampal neural stem cell maintenance. <i>ELife</i> , 2017, 6, .	6.0	71
16	Expression of nestin-green fluorescent protein transgene marks oval cells in the adult liver. <i>Developmental Dynamics</i> , 2005, 234, 413-421.	1.8	65
17	Effects of oxygen and glucose deprivation on the expression and distribution of neuronal and inducible nitric oxide synthases and on protein nitration in rat cerebral cortex. <i>Journal of Comparative Neurology</i> , 2002, 443, 183-200.	1.6	58
18	Circadian glucocorticoid oscillations preserve a population of adult hippocampal neural stem cells in the aging brain. <i>Molecular Psychiatry</i> , 2020, 25, 1382-1405.	7.9	58

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19	Adrenomedullin expression is up-regulated by ischemiaâ€“reperfusion in the cerebral cortex of the adult rat. <i>Neuroscience</i> , 2002, 109, 717-731.	2.3	53
20	Phenotypical and functional heterogeneity of neural stem cells in the aged hippocampus. <i>Aging Cell</i> , 2019, 18, e12958.	6.7	51
21	Adrenomedullin in the central nervous system. <i>Microscopy Research and Technique</i> , 2002, 57, 76-90.	2.2	47
22	Nitric oxide and multiple sclerosis. <i>Current Neurology and Neuroscience Reports</i> , 2005, 5, 232-238.	4.2	44
23	Hypobaric hypoxia modifies constitutive nitric oxide synthase activity and protein nitration in the rat cerebellum. <i>Brain Research</i> , 2003, 976, 109-119.	2.2	42
24	Absence of Tangentially Migrating Glutamatergic Neurons in the Developing Avian Brain. <i>Cell Reports</i> , 2018, 22, 96-109.	6.4	40
25	Coexistence of translocated cytochrome c and nitrated protein in neurons of the rat cerebral cortex after oxygen and glucose deprivation. <i>Neuroscience</i> , 2002, 111, 47-56.	2.3	38
26	A developmental perspective on adult hippocampal neurogenesis. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 640-645.	1.6	35
27	Quiescent adult neural stem cells are exceptionally sensitive to cosmic radiation. <i>Experimental Neurology</i> , 2008, 210, 274-279.	4.1	34
28	Insult-induced aberrant hippocampal neurogenesis: Functional consequences and possible therapeutic strategies. <i>Behavioural Brain Research</i> , 2019, 372, 112032.	2.2	33
29	Human Dental Pulp Stem Cells Grown in Neurogenic Media Differentiate Into Endothelial Cells and Promote Neovasclogenesis in the Mouse Brain. <i>Frontiers in Physiology</i> , 2019, 10, 347.	2.8	32
30	Postnatal changes in the nitric oxide system of the rat cerebral cortex after hypoxia during delivery. <i>Developmental Brain Research</i> , 2003, 142, 177-192.	1.7	29
31	A Standardized Protocol for Stereotaxic Intrahippocampal Administration of Kainic Acid Combined with Electroencephalographic Seizure Monitoring in Mice. <i>Frontiers in Neuroscience</i> , 2017, 11, 160.	2.8	27
32	Perspective: Of Mice and Men â€“ How Widespread Is Adult Neurogenesis?. <i>Frontiers in Neuroscience</i> , 2019, 13, 923.	2.8	26
33	Nitric oxide synthase and NADPH-diaphorase after acute hypobaric hypoxia in the rat caudate putamen. <i>Experimental Neurology</i> , 2004, 186, 33-45.	4.1	25
34	Effects of acute hypobaric hypoxia on the nitric oxide system of the rat cerebral cortex: Protective role of nitric oxide inhibitors. <i>Neuroscience</i> , 2006, 142, 799-808.	2.3	25
35	Expression of nitrenergic system and protein nitration in adult rat brains submitted to acute hypobaric hypoxia. <i>Nitric Oxide - Biology and Chemistry</i> , 2003, 8, 182-201.	2.7	24
36	Gene regulation in adult neural stem cells. Current challenges and possible applications. <i>Advanced Drug Delivery Reviews</i> , 2017, 120, 118-132.	13.7	24

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37	BDNF and NT3 Reprogram Human Ectomesenchymal Dental Pulp Stem Cells to Neurogenic and Gliogenic Neural Crest Progenitors Cultured in Serum-Free Medium. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 1361-1380.	1.6	24
38	The Contradictory Effects of Neuronal Hyperexcitation on Adult Hippocampal Neurogenesis. <i>Frontiers in Neuroscience</i> , 2016, 10, 74.	2.8	22
39	Reactive Disruption of the Hippocampal Neurogenic Niche After Induction of Seizures by Injection of Kainic Acid in the Amygdala. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 158.	3.7	18
40	Co-administration of Anti microRNA-124 and -137 Oligonucleotides Prevents Hippocampal Neural Stem Cell Loss Upon Non-convulsive Seizures. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 31.	2.9	17
41	Distribution of immunoreactivity for the adrenomedullin binding protein, complement factor H, in the rat brain. <i>Neuroscience</i> , 2003, 116, 947-962.	2.3	16
42	Nitric Oxide System and Protein Nitration are Modified by an Acute Hypobaric Hypoxia in the Adult Rat Hippocampus. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 863-877.	1.7	16
43	Neurogenesis as a New Target for the Development of Antidepressant Drugs. <i>Current Pharmaceutical Design</i> , 2014, 20, 3763-3775.	1.9	15
44	Alterations of the Hippocampal Neurogenic Niche in a Mouse Model of Dravet Syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 654.	3.7	14
45	Neuropathological Characterization of a Dravet Syndrome Knock-In Mouse Model Useful for Investigating Cannabinoid Treatments. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 602801.	2.9	13
46	Dbx1-Derived Pyramidal Neurons Are Generated Locally in the Developing Murine Neocortex. <i>Frontiers in Neuroscience</i> , 2018, 12, 792.	2.8	11
47	Maristemã€œStem Cells of Marine/Aquatic Invertebrates: From Basic Research to Innovative Applications. <i>Sustainability</i> , 2018, 10, 526.	3.2	9
48	Spinal Cord Injury Leads to Hippocampal Glial Alterations and Neural Stem Cell Inactivation. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 197-215.	3.3	8
49	Lysophosphatidic Acid Receptor 1 Specifically Labels Seizure-Induced Hippocampal Reactive Neural Stem Cells and Regulates Their Division. <i>Frontiers in Neuroscience</i> , 2020, 14, 811.	2.8	8
50	BASP1 labels neural stem cells in the neurogenic niches of mammalian brain. <i>Scientific Reports</i> , 2021, 11, 5546.	3.3	7
51	The future belongs to those who prepare for it today. <i>Cell Stem Cell</i> , 2021, 28, 783-785.	11.1	5
52	Physiology and pathophysiology of nitric oxide in the nervous system, with special mention of the islands of Calleja and the circumventricular organs. <i>Histology and Histopathology</i> , 2002, 17, 973-1003.	0.7	5
53	Longitudinal variations of brain functional connectivity: A case report study based on a mouse model of epilepsy. <i>F1000Research</i> , 2015, 4, 144.	1.6	3
54	Longitudinal variations of brain functional connectivity: A case report study based on a mouse model of epilepsy. <i>F1000Research</i> , 2015, 4, 144.	1.6	3

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55	Building Bridges through Science. Neuron, 2017, 96, 730-735.	8.1	2