Juan M Encinas

List of Publications by Year
in descending order

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Version: 2024-02-01

55	5,533	186254	144002
papers	citations	28 h-index	57 g-index

57	57	57	6713
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spinal Cord Injury Leads to Hippocampal Glial Alterations and Neural Stem Cell Inactivation. Cellular and Molecular Neurobiology, 2022, 42, 197-215.	3.3	8
2	BASP1 labels neural stem cells in the neurogenic niches of mammalian brain. Scientific Reports, 2021, 11, 5546.	3.3	7
3	The future belongs to those who prepare for it today. Cell Stem Cell, 2021, 28, 783-785.	11.1	5
4	Circadian glucocorticoid oscillations preserve a population of adult hippocampal neural stem cells in the aging brain. Molecular Psychiatry, 2020, 25, 1382-1405.	7.9	58
5	Alterations of the Hippocampal Neurogenic Niche in a Mouse Model of Dravet Syndrome. Frontiers in Cell and Developmental Biology, 2020, 8, 654.	3.7	14
6	Lysophosphatidic Acid Receptor 1 Specifically Labels Seizure-Induced Hippocampal Reactive Neural Stem Cells and Regulates Their Division. Frontiers in Neuroscience, 2020, 14, 811.	2.8	8
7	Neuropathological Characterization of a Dravet Syndrome Knock-In Mouse Model Useful for Investigating Cannabinoid Treatments. Frontiers in Molecular Neuroscience, 2020, 13, 602801.	2.9	13
8	Reactive Disruption of the Hippocampal Neurogenic Niche After Induction of Seizures by Injection of Kainic Acid in the Amygdala. Frontiers in Cell and Developmental Biology, 2019, 7, 158.	3.7	18
9	Perspective: Of Mice and Men â€“ How Widespread Is Adult Neurogenesis?. Frontiers in Neuroscience, 2019, 13, 923.	2.8	26
10	Insult-induced aberrant hippocampal neurogenesis: Functional consequences and possible therapeutic strategies. Behavioural Brain Research, 2019, 372, 112032.	2.2	33
11	Phenotypical and functional heterogeneity of neural stem cells in the aged hippocampus. Aging Cell, 2019, 18, e12958.	6.7	51
12	Co-administration of Anti microRNA-124 and -137 Oligonucleotides Prevents Hippocampal Neural Stem Cell Loss Upon Non-convulsive Seizures. Frontiers in Molecular Neuroscience, 2019, 12, 31.	2.9	17
13	Human Dental Pulp Stem Cells Grown in Neurogenic Media Differentiate Into Endothelial Cells and Promote Neovasculogenesis in the Mouse Brain. Frontiers in Physiology, 2019, 10, 347.	2.8	32
14	BDNF and NT3 Reprogram Human Ectomesenchymal Dental Pulp Stem Cells to Neurogenic and Gliogenic Neural Crest Progenitors Cultured in Serum-Free Medium. Cellular Physiology and Biochemistry, 2019, 52, 1361-1380.	1.6	24
15	Absence of Tangentially Migrating Glutamatergic Neurons in the Developing Avian Brain. Cell Reports, 2018, 22, 96-109.	6.4	40
16	Dbx1-Derived Pyramidal Neurons Are Generated Locally in the Developing Murine Neocortex. Frontiers in Neuroscience, 2018, 12, 792.	2.8	11
17	Maristemâ€"Stem Cells of Marine/Aquatic Invertebrates: From Basic Research to Innovative Applications. Sustainability, 2018, 10, 526.	3.2	9
18	Gene regulation in adult neural stem cells. Current challenges and possible applications. Advanced Drug Delivery Reviews, 2017, 120, 118-132.	13.7	24

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19	Building Bridges through Science. Neuron, 2017, 96, 730-735.	8.1	2
20	A Standardized Protocol for Stereotaxic Intrahippocampal Administration of Kainic Acid Combined with Electroencephalographic Seizure Monitoring in Mice. Frontiers in Neuroscience, 2017, 11, 160.	2.8	27
21	Lunatic fringe-mediated Notch signaling regulates adult hippocampal neural stem cell maintenance. ELife, 2017, 6, .	6.0	71
22	The Contradictory Effects of Neuronal Hyperexcitation on Adult Hippocampal Neurogenesis. Frontiers in Neuroscience, 2016, 10, 74.	2.8	22
23	Neuronal Hyperactivity Disturbs ATP Microgradients, Impairs Microglial Motility, and Reduces Phagocytic Receptor Expression Triggering Apoptosis/Microglial Phagocytosis Uncoupling. PLoS Biology, 2016, 14, e1002466.	5.6	140
24	Neuronal Hyperactivity Accelerates Depletion of Neural Stem Cells and Impairs Hippocampal Neurogenesis. Cell Stem Cell, 2015, 16, 488-503.	11.1	226
25	Longitudinal variations of brain functional connectivity: A case report study based on a mouse model of epilepsy. F1000Research, 2015, 4, 144.	1.6	3
26	Longitudinal variations of brain functional connectivity: A case report study based on a mouse model of epilepsy. F1000Research, 2015, 4, 144.	1.6	3
27	Surveillance, Phagocytosis, and Inflammation: How Never-Resting Microglia Influence Adult Hippocampal Neurogenesis. Neural Plasticity, 2014, 2014, 1-15.	2.2	208
28	Neurogenesis as a New Target for the Development of Antidepressant Drugs. Current Pharmaceutical Design, 2014, 20, 3763-3775.	1.9	15
29	A developmental perspective on adult hippocampal neurogenesis. International Journal of Developmental Neuroscience, 2013, 31, 640-645.	1.6	35
30	Neural stem cell deforestation as the main force driving the age-related decline in adult hippocampal neurogenesis. Behavioural Brain Research, 2012, 227, 433-439.	2.2	81
31	Division-Coupled Astrocytic Differentiation and Age-Related Depletion of Neural Stem Cells in the Adult Hippocampus. Cell Stem Cell, 2011, 8, 566-579.	11.1	768
32	Adult Human Neurogenesis: From Microscopy to Magnetic Resonance Imaging. Frontiers in Neuroscience, 2011, 5, 47.	2.8	77
33	Neurogenic hippocampal targets of deep brain stimulation. Journal of Comparative Neurology, 2011, 519, 6-20.	1.6	112
34	Microglia Shape Adult Hippocampal Neurogenesis through Apoptosis-Coupled Phagocytosis. Cell Stem Cell, 2010, 7, 483-495.	11.1	1,286
35	Quiescent adult neural stem cells are exceptionally sensitive to cosmic radiation. Experimental Neurology, 2008, 210, 274-279.	4.1	34
36	Intermediate Progenitors in Adult Hippocampal Neurogenesis: Tbr2 Expression and Coordinate Regulation of Neuronal Output. Journal of Neuroscience, 2008, 28, 3707-3717.	3.6	277

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37	Genetic approaches identify adult pituitary stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6332-6337.	7.1	176
38	Identifying and Quantitating Neural Stem and Progenitor Cells in the Adult Brain. Methods in Cell Biology, 2008, 85, 243-272.	1.1	144
39	Adult Neurogenesis, Mental Health, and Mental Illness: Hope or Hype?: Figure 1.. Journal of Neuroscience, 2008, 28, 11785-11791.	3.6	225
40	Effects of acute hypobaric hypoxia on the nitric oxide system of the rat cerebral cortex: Protective role of nitric oxide inhibitors. Neuroscience, 2006, 142, 799-808.	2.3	25
41	Fluoxetine targets early progenitor cells in the adult brain. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8233-8238.	7.1	552
42	Expression of nestin-green fluorescent protein transgene marks oval cells in the adult liver. Developmental Dynamics, 2005, 234, 413-421.	1.8	65
43	Nitric oxide and multiple sclerosis. Current Neurology and Neuroscience Reports, 2005, 5, 232-238.	4.2	44
44	Nitric oxide synthase and NADPH-diaphorase after acute hypobaric hypoxia in the rat caudate putamen. Experimental Neurology, 2004, 186, 33-45.	4.1	25
45	Expression of nitric oxide system in clinically evaluated cases of Alzheimer's disease. Neurobiology of Disease, 2004, 15, 287-305.	4.4	110
46	Hypobaric hypoxia modifies constitutive nitric oxide synthase activity and protein nitration in the rat cerebellum. Brain Research, 2003, 976, 109-119.	2.2	42
47	Postnatal changes in the nitric oxide system of the rat cerebral cortex after hypoxia during delivery. Developmental Brain Research, 2003, 142, 177-192.	1.7	29
48	Distribution of immunoreactivity for the adrenomedullin binding protein, complement factor H, in the rat brain. Neuroscience, 2003, 116, 947-962.	2.3	16
49	Expression of nitrergic system and protein nitration in adult rat brains submitted to acute hypobaric hypoxia. Nitric Oxide - Biology and Chemistry, 2003, 8, 182-201.	2.7	24
50	Nitric Oxide System and Protein Nitration are Modified by an Acute Hypobaric Hypoxia in the Adult Rat Hippocampus. Journal of Neuropathology and Experimental Neurology, 2003, 62, 863-877.	1.7	16
51	Adrenomedullin expression is up-regulated by ischemiaâ€“reperfusion in the cerebral cortex of the adult rat. Neuroscience, 2002, 109, 717-731.	2.3	53
52	Coexistence of translocated cytochrome c and nitrated protein in neurons of the rat cerebral cortex after oxygen and glucose deprivation. Neuroscience, 2002, 111, 47-56.	2.3	38
53	Adrenomedullin in the central nervous system. Microscopy Research and Technique, 2002, 57, 76-90.	2.2	47
54	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. Journal of Comparative Neurology, 2002, 443, 183-200.	1.6	58

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55	Physiology and pathophysiology of nitric oxide in the nervous system, with special mention of the islands of Calleja and the circunventricular organs. Histology and Histopathology, 2002, 17, 973-1003.	0.7	5