Jorge Valero

List of Publications by Year in descending order

54 papers	2,637 citations	218592 26 h-index	197736 49 g-index
64 all docs	64 docs citations	64 times ranked	6475 citing authors

#	Article	IF	Citations
1	A Neuron, Microglia, and Astrocyte Triple Co-culture Model to Study Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2022, 14, 844534.	1.7	18
2	Susceptibility of Female Mice to the Dietary Omega-3/Omega-6 Fatty-Acid Ratio: Effects on Adult Hippocampal Neurogenesis and Glia. International Journal of Molecular Sciences, 2022, 23, 3399.	1.8	5
3	Mitochondrial SIRT3 confers neuroprotection in Huntington's disease by regulation of oxidative challenges and mitochondrial dynamics. Free Radical Biology and Medicine, 2021, 163, 163-179.	1.3	42
4	Regulation of hippocampal postnatal and adult neurogenesis by adenosine <scp> A _{2A} </scp> receptor: Interaction with brainâ€derived neurotrophic factor. Stem Cells, 2021, 39, 1362-1381.	1.4	19
5	Microglia Actively Remodel Adult Hippocampal Neurogenesis through the Phagocytosis Secretome. Journal of Neuroscience, 2020, 40, 1453-1482.	1.7	204
6	Microglial phagocytosis dysfunction in the dentate gyrus is related to local neuronal activity in a genetic model of epilepsy. Epilepsia, 2020, 61, 2593-2608.	2.6	10
7	Early Effects of AÎ² Oligomers on Dendritic Spine Dynamics and Arborization in Hippocampal Neurons. Frontiers in Synaptic Neuroscience, 2020, 12, 2.	1.3	29
8	Chronic hyperglycemia impairs hippocampal neurogenesis and memory in an Alzheimerâ€™s disease mouse model. Neurobiology of Aging, 2020, 92, 98-113.	1.5	19
9	Neuropeptide Y Enhances Progerin Clearance and Ameliorates the Senescent Phenotype of Human Hutchinson-Gilford Progeria Syndrome Cells. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1073-1078.	1.7	14
10	AÎ² oligomers promote oligodendrocyte differentiation and maturation via integrin Î²1 and Fyn kinase signaling. Cell Death and Disease, 2019, 10, 445.	2.7	49
11	Phenotypical and functional heterogeneity of neural stem cells in the aged hippocampus. Aging Cell, 2019, 18, e12958.	3.0	51
12	Rewiring of Memory Circuits: Connecting Adult Newborn Neurons With the Help of Microglia. Frontiers in Cell and Developmental Biology, 2019, 7, 24.	1.8	52
13	ProMolJ: A new tool for automatic threeâ€dimensional analysis of microglial process motility. Glia, 2018, 66, 828-845.	2.5	22
14	Coriolus versicolor biomass increases dendritic arborization of newly-generated neurons in mouse hippocampal dentate gyrus. Oncotarget, 2018, 9, 32929-32942.	0.8	11
15	NEUROPEPTIDE Y RESCUES AGING PHENOTYPE OF HUMAN HUTCHINSON-GILFORD PROGERIA SYNDROME FIBROBLASTS. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR11-1.	0.0	0
16	Impact of Neuroinflammation on Hippocampal Neurogenesis: Relevance to Aging and Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2017, 60, S161-S168.	1.2	54
17	Silencing of P2X7R by RNA interference in the hippocampus can attenuate morphological and behavioral impact of pilocarpine-induced epilepsy. Purinergic Signalling, 2017, 13, 467-478.	1.1	19
18	A simulation model of neuroprogenitor proliferation dynamics predicts age-related loss of hippocampal neurogenesis but not astrogenesis. Scientific Reports, 2017, 7, 16528.	1.6	21

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19	Histamine induces microglia activation and dopaminergic neuronal toxicity via H1 receptor activation. Journal of Neuroinflammation, 2016, 13, 137.	3.1	76
20	Neuropeptide Y 1 and Y 5 receptors activation stimulate autophagic flux in mouse hypothalamic neurons. Neuropeptides, 2016, 55, 13.	0.9	0
21	Coxsackievirus Adenovirus Receptor Loss Impairs Adult Neurogenesis, Synapse Content, and Hippocampus Plasticity. Journal of Neuroscience, 2016, 36, 9558-9571.	1.7	29
22	Regulation of striatal astrocytic receptor for advanced glycation endâ€products variants in an early stage of experimental Parkinson's disease. Journal of Neurochemistry, 2016, 138, 598-609.	2.1	23
23	Lifestyle Shapes the Dialogue between Environment, Microglia, and Adult Neurogenesis. ACS Chemical Neuroscience, 2016, 7, 442-453.	1.7	50
24	Ataxin-3 phosphorylation decreases neuronal defects in spinocerebellar ataxia type 3 models. Journal of Cell Biology, 2016, 212, 465-480.	2.3	35
25	Neuronal Hyperactivity Disturbs ATP Microgradients, Impairs Microglial Motility, and Reduces Phagocytic Receptor Expression Triggering Apoptosis/Microglial Phagocytosis Uncoupling. PLoS Biology, 2016, 14, e1002466.	2.6	140
26	An automated image analysis method to measure regularity in biological patterns: a case study in a Drosophila neurodegenerative model. Molecular Neurodegeneration, 2015, 10, 9.	4.4	27
27	Neuropeptide Y stimulates autophagy in hypothalamic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1642-E1651.	3.3	60
28	Nuclear Signs of Pre-neurodegeneration. Methods in Molecular Biology, 2015, 1254, 43-54.	0.4	2
29	Can we talk about microglia without neurons? A discussion of microglial cell autonomous properties in culture. Frontiers in Cellular Neuroscience, 2014, 8, 202.	1.8	23
30	New insights into the role of histamine in subventricular zone-olfactory bulb neurogenesis. Frontiers in Neuroscience, 2014, 8, 142.	1.4	18
31	Crtc1 Activates a Transcriptional Program Deregulated at Early Alzheimer's Disease-Related Stages. Journal of Neuroscience, 2014, 34, 5776-5787.	1.7	76
32	Impaired Src signaling and post-synaptic actin polymerization in Alzheimer's disease mice hippocampus â€" Linking NMDA receptors and the reelin pathway. Experimental Neurology, 2014, 261, 698-709.	2.0	27
33	Pax6 Is Essential for the Maintenance and Multi-Lineage Differentiation of Neural Stem Cells, and for Neuronal Incorporation into the Adult Olfactory Bulb. Stem Cells and Development, 2014, 23, 2813-2830.	1.1	45
34	Long-term effects of an acute and systemic administration of LPS on adult neurogenesis and spatial memory. Frontiers in Neuroscience, 2014, 8, 83.	1.4	146
35	Differential glial activation during the degeneration of Purkinje cells and mitral cells in the PCD mutant mice. Glia, 2013, 61, 254-272.	2.5	21
36	X-linked Inhibitor of Apoptosis Protein negatively regulates neuronal differentiation through interaction with cRAF and Trk. Scientific Reports, 2013, 3, 2397.	1.6	15

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37	Activation of Type 1 Cannabinoid Receptor (CB1R) Promotes Neurogenesis in Murine Subventricular Zone Cell Cultures. PLoS ONE, 2013, 8, e63529.	1.1	67
38	Multifaces of neuropeptide Y in the brain â€“ Neuroprotection, neurogenesis and neuroinflammation. Neuropeptides, 2012, 46, 299-308.	0.9	103
39	Changes in the serotonergic system and in brain-derived neurotrophic factor distribution in the main olfactory bulb of pcd mice before and after mitral cell loss. Neuroscience, 2012, 201, 20-33.	1.1	6
40	Long-term memory deficits in Huntington's disease are associated with reduced CBP histone acetylase activity. Human Molecular Genetics, 2012, 21, 1203-1216.	1.4	133
41	Microglia: The Bodyguard and the Hunter of the Adult Neurogenic Niche. , 2012, , 245-279.		2
42	The role of CREB signaling in Alzheimerâ€™s disease and other cognitive disorders. Reviews in the Neurosciences, 2011, 22, 153-169.	1.4	245
43	Short-Term Environmental Enrichment Rescues Adult Neurogenesis and Memory Deficits in APPSw,Ind Transgenic Mice. PLoS ONE, 2011, 6, e16832.	1.1	100
44	Â-Amyloid Disrupts Activity-Dependent Gene Transcription Required for Memory through the CREB Coactivator CRTC1. Journal of Neuroscience, 2010, 30, 9402-9410.	1.7	105
45	Intraneuronal Î²-Amyloid Accumulation in the Amygdala Enhances Fear and Anxiety in Alzheimer's Disease Transgenic Mice. Biological Psychiatry, 2010, 67, 513-521.	0.7	160
46	Sexual dimorphic stages affect both proliferation and serotonergic innervation in the adult rostral migratory stream. Experimental Neurology, 2009, 216, 357-364.	2.0	23
47	Albumin attenuates DNA damage in primary-cultured neurons. Neuroscience Letters, 2009, 450, 23-26.	1.0	21
48	Changes in cell migration and survival in the olfactory bulb of thepcd/pcd mouse. Developmental Neurobiology, 2007, 67, 839-859.	1.5	20
49	Chemical organization of the macaque monkey olfactory bulb: III. Distribution of cholinergic markers. Journal of Comparative Neurology, 2007, 501, 854-865.	0.9	8
50	Changes in the connections of the main olfactory bulb after mitral cell selective neurodegeneration. Journal of Neuroscience Research, 2007, 85, 2407-2421.	1.3	12
51	Sex differences in catechol contents in the olfactory bulb of control and unilaterally deprived rats. European Journal of Neuroscience, 2007, 25, 1517-1528.	1.2	14
52	Pre-neurodegeneration of mitral cells in the pcd mutant mouse is associated with DNA damage, transcriptional repression, and reorganization of nuclear speckles and Cajal bodies. Molecular and Cellular Neurosciences, 2006, 33, 283-295.	1.0	31
53	Heterogeneous targeting of centrifugal inputs to the glomerular layer of the main olfactory bulb. Journal of Chemical Neuroanatomy, 2005, 29, 238-254.	1.0	42
54	Proliferation markers in the adult rodent brain: Bromodeoxyuridine and proliferating cell nuclear antigen. Brain Research Protocols, 2005, 15, 127-134.	1.7	32