

# Jorge Valero

## List of Publications by Year in descending order

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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	The role of CREB signaling in Alzheimer's disease and other cognitive disorders. <i>Reviews in the Neurosciences</i> , 2011, 22, 153-169.	1.4	245
2	Microglia Actively Remodel Adult Hippocampal Neurogenesis through the Phagocytosis Secretome. <i>Journal of Neuroscience</i> , 2020, 40, 1453-1482.	1.7	204
3	Intraneuronal $\beta$ -Amyloid Accumulation in the Amygdala Enhances Fear and Anxiety in Alzheimer's Disease Transgenic Mice. <i>Biological Psychiatry</i> , 2010, 67, 513-521.	0.7	160
4	Long-term effects of an acute and systemic administration of LPS on adult neurogenesis and spatial memory. <i>Frontiers in Neuroscience</i> , 2014, 8, 83.	1.4	146
5	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.	2.6	140
6	Long-term memory deficits in Huntington's disease are associated with reduced CBP histone acetylase activity. <i>Human Molecular Genetics</i> , 2012, 21, 1203-1216.	1.4	133
7	$\beta$ -Amyloid Disrupts Activity-Dependent Gene Transcription Required for Memory through the CREB Coactivator CRTC1. <i>Journal of Neuroscience</i> , 2010, 30, 9402-9410.	1.7	105
8	Multifaces of neuropeptide Y in the brain – Neuroprotection, neurogenesis and neuroinflammation. <i>Neuropeptides</i> , 2012, 46, 299-308.	0.9	103
9	Short-Term Environmental Enrichment Rescues Adult Neurogenesis and Memory Deficits in APPSw,Ind Transgenic Mice. <i>PLoS ONE</i> , 2011, 6, e16832.	1.1	100
10	Crtc1 Activates a Transcriptional Program Deregulated at Early Alzheimer's Disease-Related Stages. <i>Journal of Neuroscience</i> , 2014, 34, 5776-5787.	1.7	76
11	Histamine induces microglia activation and dopaminergic neuronal toxicity via H1 receptor activation. <i>Journal of Neuroinflammation</i> , 2016, 13, 137.	3.1	76
12	Activation of Type 1 Cannabinoid Receptor (CB1R) Promotes Neurogenesis in Murine Subventricular Zone Cell Cultures. <i>PLoS ONE</i> , 2013, 8, e63529.	1.1	67
13	Neuropeptide Y stimulates autophagy in hypothalamic neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1642-E1651.	3.3	60
14	Impact of Neuroinflammation on Hippocampal Neurogenesis: Relevance to Aging and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S161-S168.	1.2	54
15	Rewiring of Memory Circuits: Connecting Adult Newborn Neurons With the Help of Microglia. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 24.	1.8	52
16	Phenotypical and functional heterogeneity of neural stem cells in the aged hippocampus. <i>Aging Cell</i> , 2019, 18, e12958.	3.0	51
17	Lifestyle Shapes the Dialogue between Environment, Microglia, and Adult Neurogenesis. <i>ACS Chemical Neuroscience</i> , 2016, 7, 442-453.	1.7	50
18	$\text{A}\beta$ oligomers promote oligodendrocyte differentiation and maturation via integrin $\beta$ 1 and Fyn kinase signaling. <i>Cell Death and Disease</i> , 2019, 10, 445.	2.7	49

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19	Pax6 Is Essential for the Maintenance and Multi-Lineage Differentiation of Neural Stem Cells, and for Neuronal Incorporation into the Adult Olfactory Bulb. <i>Stem Cells and Development</i> , 2014, 23, 2813-2830.	1.1	45
20	Heterogeneous targeting of centrifugal inputs to the glomerular layer of the main olfactory bulb. <i>Journal of Chemical Neuroanatomy</i> , 2005, 29, 238-254.	1.0	42
21	Mitochondrial SIRT3 confers neuroprotection in Huntington's disease by regulation of oxidative challenges and mitochondrial dynamics. <i>Free Radical Biology and Medicine</i> , 2021, 163, 163-179.	1.3	42
22	Ataxin-3 phosphorylation decreases neuronal defects in spinocerebellar ataxia type 3 models. <i>Journal of Cell Biology</i> , 2016, 212, 465-480.	2.3	35
23	Proliferation markers in the adult rodent brain: Bromodeoxyuridine and proliferating cell nuclear antigen. <i>Brain Research Protocols</i> , 2005, 15, 127-134.	1.7	32
24	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. <i>Molecular and Cellular Neurosciences</i> , 2006, 33, 283-295.	1.0	31
25	Coxsackievirus Adenovirus Receptor Loss Impairs Adult Neurogenesis, Synapse Content, and Hippocampus Plasticity. <i>Journal of Neuroscience</i> , 2016, 36, 9558-9571.	1.7	29
26	Early Effects of A $\beta$ 2 Oligomers on Dendritic Spine Dynamics and Arborization in Hippocampal Neurons. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 2.	1.3	29
27	Impaired Src signaling and post-synaptic actin polymerization in Alzheimer's disease mice hippocampus " Linking NMDA receptors and the reelin pathway. <i>Experimental Neurology</i> , 2014, 261, 698-709.	2.0	27
28	An automated image analysis method to measure regularity in biological patterns: a case study in a <i>Drosophila</i> neurodegenerative model. <i>Molecular Neurodegeneration</i> , 2015, 10, 9.	4.4	27
29	Sexual dimorphic stages affect both proliferation and serotonergic innervation in the adult rostral migratory stream. <i>Experimental Neurology</i> , 2009, 216, 357-364.	2.0	23
30	Can we talk about microglia without neurons? A discussion of microglial cell autonomous properties in culture. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 202.	1.8	23
31	Regulation of striatal astrocytic receptor for advanced glycation end-products variants in an early stage of experimental Parkinson's disease. <i>Journal of Neurochemistry</i> , 2016, 138, 598-609.	2.1	23
32	ProMolJ: A new tool for automatic three-dimensional analysis of microglial process motility. <i>Glia</i> , 2018, 66, 828-845.	2.5	22
33	Albumin attenuates DNA damage in primary-cultured neurons. <i>Neuroscience Letters</i> , 2009, 450, 23-26.	1.0	21
34	Differential glial activation during the degeneration of Purkinje cells and mitral cells in the PCD mutant mice. <i>Glia</i> , 2013, 61, 254-272.	2.5	21
35	A simulation model of neuroprogenitor proliferation dynamics predicts age-related loss of hippocampal neurogenesis but not astrogenesis. <i>Scientific Reports</i> , 2017, 7, 16528.	1.6	21
36	Changes in cell migration and survival in the olfactory bulb of the pcd/pcd mouse. <i>Developmental Neurobiology</i> , 2007, 67, 839-859.	1.5	20

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37	Silencing of P2X7R by RNA interference in the hippocampus can attenuate morphological and behavioral impact of pilocarpine-induced epilepsy. <i>Purinergic Signalling</i> , 2017, 13, 467-478.	1.1	19
38	Chronic hyperglycemia impairs hippocampal neurogenesis and memory in an Alzheimer's disease mouse model. <i>Neurobiology of Aging</i> , 2020, 92, 98-113.	1.5	19
39	Regulation of hippocampal postnatal and adult neurogenesis by adenosine A <sub>2A</sub> receptor: Interaction with brain-derived neurotrophic factor. <i>Stem Cells</i> , 2021, 39, 1362-1381.	1.4	19
40	New insights into the role of histamine in subventricular zone-olfactory bulb neurogenesis. <i>Frontiers in Neuroscience</i> , 2014, 8, 142.	1.4	18
41	A Neuron, Microglia, and Astrocyte Triple Co-culture Model to Study Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 844534.	1.7	18
42	X-linked Inhibitor of Apoptosis Protein negatively regulates neuronal differentiation through interaction with cRAF and Trk. <i>Scientific Reports</i> , 2013, 3, 2397.	1.6	15
43	Sex differences in catechol contents in the olfactory bulb of control and unilaterally deprived rats. <i>European Journal of Neuroscience</i> , 2007, 25, 1517-1528.	1.2	14
44	Neuropeptide Y Enhances Progerin Clearance and Ameliorates the Senescent Phenotype of Human Hutchinson-Gilford Progeria Syndrome Cells. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1073-1078.	1.7	14
45	Changes in the connections of the main olfactory bulb after mitral cell selective neurodegeneration. <i>Journal of Neuroscience Research</i> , 2007, 85, 2407-2421.	1.3	12
46	<i>Coriolus versicolor</i> biomass increases dendritic arborization of newly-generated neurons in mouse hippocampal dentate gyrus. <i>Oncotarget</i> , 2018, 9, 32929-32942.	0.8	11
47	Microglial phagocytosis dysfunction in the dentate gyrus is related to local neuronal activity in a genetic model of epilepsy. <i>Epilepsia</i> , 2020, 61, 2593-2608.	2.6	10
48	Chemical organization of the macaque monkey olfactory bulb: III. Distribution of cholinergic markers. <i>Journal of Comparative Neurology</i> , 2007, 501, 854-865.	0.9	8
49	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. <i>Neuroscience</i> , 2012, 201, 20-33.	1.1	6
50	Susceptibility of Female Mice to the Dietary Omega-3/Omega-6 Fatty-Acid Ratio: Effects on Adult Hippocampal Neurogenesis and Glia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3399.	1.8	5
51	Nuclear Signs of Pre-neurodegeneration. <i>Methods in Molecular Biology</i> , 2015, 1254, 43-54.	0.4	2
52	Microglia: The Bodyguard and the Hunter of the Adult Neurogenic Niche. , 2012, , 245-279.		2
53	Neuropeptide Y 1 and Y 5 receptors activation stimulate autophagic flux in mouse hypothalamic neurons. <i>Neuropeptides</i> , 2016, 55, 13.	0.9	0
54	NEUROPEPTIDE Y RESCUES AGING PHENOTYPE OF HUMAN HUTCHINSON-GILFORD PROGERIA SYNDROME FIBROBLASTS. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, OR11-1.	0.0	0