

Lorena Varela-Nallar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8420580/publications.pdf>

Version: 2024-02-01

45
papers

2,373
citations

201674

27
h-index

243625

44
g-index

45
all docs

45
docs citations

45
times ranked

3716
citing authors

#	ARTICLE	IF	CITATIONS
1	Astroglial gliotransmitters released via Cx43 hemichannels regulate NMDAR-dependent transmission and short-term fear memory in the basolateral amygdala. <i>FASEB Journal</i> , 2022, 36, e22134.	0.5	14
2	Wnt Signaling in the Adult Hippocampal Neurogenic Niche. <i>Stem Cells</i> , 2022, 40, 630-640.	3.2	10
3	Wnt5a promotes hippocampal postsynaptic development and GluN2B-induced expression via the eIF2 α HRI kinase. <i>Scientific Reports</i> , 2021, 11, 7395.	3.3	8
4	Andrographolide promotes hippocampal neurogenesis and spatial memory in the APP ^{swe} /PS1 ^{E9} mouse model of Alzheimer's disease. <i>Scientific Reports</i> , 2021, 11, 22904.	3.3	10
5	H3K9 Methyltransferases Suv39h1 and Suv39h2 Control the Differentiation of Neural Progenitor Cells in the Adult Hippocampus. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 778345.	3.7	4
6	Wnt5a promotes differentiation and development of adult-born neurons in the hippocampus by noncanonical Wnt signaling. <i>Stem Cells</i> , 2020, 38, 422-436.	3.2	53
7	Role of Wnt Signaling in Adult Hippocampal Neurogenesis in Health and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 860.	3.7	80
8	Neuronal surface P antigen (NSPA) modulates postsynaptic NMDAR stability through ubiquitination of tyrosine phosphatase PTPMEG. <i>BMC Biology</i> , 2020, 18, 164.	3.8	6
9	Reduced repressive epigenetic marks, increased DNA damage and Alzheimer's disease hallmarks in the brain of humans and mice exposed to particulate urban air pollution. <i>Environmental Research</i> , 2020, 183, 109226.	7.5	65
10	Widespread loss of the silencing epigenetic mark H3K9me3 in astrocytes and neurons along with hippocampal-dependent cognitive impairment in C9orf72 BAC transgenic mice. <i>Clinical Epigenetics</i> , 2020, 12, 32.	4.1	20
11	PSD95 regulates morphological development of adult-born granule neurons in the mouse hippocampus. <i>Journal of Chemical Neuroanatomy</i> , 2019, 98, 117-123.	2.1	31
12	Local Klotho Enhances Neuronal Progenitor Proliferation in the Adult Hippocampus. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1043-1051.	3.6	15
13	NMDA receptor subunit composition controls dendritogenesis of hippocampal neurons through CAMKII, CREB, and H3K27ac. <i>Journal of Cellular Physiology</i> , 2017, 232, 3677-3692.	4.1	32
14	Epigenetic editing of the Dlg4/PSD95 gene improves cognition in aged and Alzheimer's disease mice. <i>Brain</i> , 2017, 140, 3252-3268.	7.6	121
15	Frizzled-1 receptor regulates adult hippocampal neurogenesis. <i>Molecular Brain</i> , 2016, 9, 29.	2.6	60
16	Voluntary Running Attenuates Memory Loss, Decreases Neuropathological Changes and Induces Neurogenesis in a Mouse Model of Alzheimer's Disease. <i>Brain Pathology</i> , 2016, 26, 62-74.	4.1	128
17	CD73-mediated adenosine production promotes stem cell-like properties in mouse Tc17 cells. <i>Immunology</i> , 2015, 146, 582-594.	4.4	26
18	Andrographolide Stimulates Neurogenesis in the Adult Hippocampus. <i>Neural Plasticity</i> , 2015, 2015, 1-13.	2.2	47

#	ARTICLE	IF	CITATIONS
19	The ROR2 tyrosine kinase receptor regulates dendritic spine morphogenesis in hippocampal neurons. <i>Molecular and Cellular Neurosciences</i> , 2015, 67, 22-30.	2.2	11
20	Fructose consumption reduces hippocampal synaptic plasticity underlying cognitive performance. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2379-2390.	3.8	55
21	Wnt signalling in neuronal differentiation and development. <i>Cell and Tissue Research</i> , 2015, 359, 215-223.	2.9	123
22	PSD95 Suppresses Dendritic Arbor Development in Mature Hippocampal Neurons by Occluding the Clustering of NR2B-NMDA Receptors. <i>PLoS ONE</i> , 2014, 9, e94037.	2.5	63
23	Chronic hypoxia induces the activation of the Wnt/ β -catenin signaling pathway and stimulates hippocampal neurogenesis in wild-type and APP ^{swe} -PS1 ^{E9} transgenic mice in vivo. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 17.	3.7	60
24	Wnt signaling in the nervous system and in Alzheimer's disease. <i>Journal of Molecular Cell Biology</i> , 2014, 6, 64-74.	3.3	260
25	Tetrahydrohyperforin Increases Adult Hippocampal Neurogenesis in Wild-Type and APP ^{swe} /PS1 ^{E9} Mice. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 873-885.	2.6	34
26	Wnt signaling in the regulation of adult hippocampal neurogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 100.	3.7	151
27	Frizzled-5 Receptor Is Involved in Neuronal Polarity and Morphogenesis of Hippocampal Neurons. <i>PLoS ONE</i> , 2013, 8, e78892.	2.5	32
28	Wnt-5a Is a Synaptogenic Factor with Neuroprotective Properties against A β Toxicity. <i>Neurodegenerative Diseases</i> , 2012, 10, 23-26.	1.4	30
29	Frizzled receptors in neurons: From growth cones to the synapse. <i>Cytoskeleton</i> , 2012, 69, 528-534.	2.0	25
30	SIRT1 Regulates Dendritic Development in Hippocampal Neurons. <i>PLoS ONE</i> , 2012, 7, e47073.	2.5	68
31	The Cellular Prion Protein Prevents Copper-Induced Inhibition of P2 _U International Journal of Alzheimer's Disease, 2011, 2011, 1-6.		
32	Wnt signaling modulates pre- and postsynaptic maturation: Therapeutic considerations. <i>Developmental Dynamics</i> , 2010, 239, 94-101.	1.8	30
33	Adult hippocampal neurogenesis in aging and Alzheimer's disease. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2010, 90, 284-296.	3.6	49
34	Wingless-type family member 5A (Wnt-5a) stimulates synaptic differentiation and function of glutamatergic synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21164-21169.	7.1	185
35	Synaptic Clustering of PSD-95 Is Regulated by c-Abl through Tyrosine Phosphorylation. <i>Journal of Neuroscience</i> , 2010, 30, 3728-3738.	3.6	50
36	Calcium/calmodulin-dependent protein kinase type IV is a target gene of the Wnt/ β -catenin signaling pathway. <i>Journal of Cellular Physiology</i> , 2009, 221, 658-667.	4.1	71

#	ARTICLE	IF	CITATIONS
37	Role of the Wnt receptor Frizzled-1 in presynaptic differentiation and function. <i>Neural Development</i> , 2009, 4, 41.	2.4	95
38	Frizzled-1 is involved in the neuroprotective effect of Wnt3a against A β oligomers. <i>Journal of Cellular Physiology</i> , 2008, 217, 215-227.	4.1	80
39	Synaptotoxicity in Alzheimer's Disease: The Wnt Signaling Pathway as a Molecular Target. <i>IUBMB Life</i> , 2007, 59, 316-321.	3.4	58
40	The functional links between prion protein and copper. <i>Biological Research</i> , 2006, 39, 39-44.	3.4	20
41	Role of Copper in Prion Diseases: Deleterious or Beneficial?. <i>Current Pharmaceutical Design</i> , 2006, 12, 2587-2595.	1.9	18
42	Fas ligand in the uterus of the non-pregnant mouse induces apoptosis of CD4+ T cells. <i>Journal of Reproductive Immunology</i> , 2005, 66, 13-32.	1.9	6
43	Is there a role for copper in neurodegenerative diseases?. <i>Molecular Aspects of Medicine</i> , 2005, 26, 405-420.	6.4	65
44	IgA in the lumen of the human oviduct is not related to the menstrual cycle but increases during local inflammation. <i>Fertility and Sterility</i> , 2002, 77, 633-634.	1.0	2
45	Wnt Signaling Roles on the Structure and Function of the Central Synapses: Involvement in Alzheimer's Disease. , 0, , .		0