

Waldo Cerpa

List of Publications by Year in descending order

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41
papers

2,056
citations

257357

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265120

42
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43
docs citations

43
times ranked

2721
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt-7a Modulates the Synaptic Vesicle Cycle and Synaptic Transmission in Hippocampal Neurons. <i>Journal of Biological Chemistry</i> , 2008, 283, 5918-5927.	1.6	205
2	Wnt-5a/JNK Signaling Promotes the Clustering of PSD-95 in Hippocampal Neurons. <i>Journal of Biological Chemistry</i> , 2009, 284, 15857-15866.	1.6	187
3	Regulation of NMDA-Receptor Synaptic Transmission by Wnt Signaling. <i>Journal of Neuroscience</i> , 2011, 31, 9466-9471.	1.7	136
4	Acetylcholinesterase-A β Complexes Are More Toxic than A β Fibrils in Rat Hippocampus. <i>American Journal of Pathology</i> , 2004, 164, 2163-2174.	1.9	128
5	Role of NMDA Receptor-Mediated Glutamatergic Signaling in Chronic and Acute Neuropathologies. <i>Neural Plasticity</i> , 2016, 2016, 1-20.	1.0	111
6	Wnt-5a occludes A β oligomer-induced depression of glutamatergic transmission in hippocampal neurons. <i>Molecular Neurodegeneration</i> , 2010, 5, 3.	4.4	107
7	Human-like rodent amyloid- β -peptide determines Alzheimer pathology in aged wild-type <i>Octodon degu</i> . <i>Neurobiology of Aging</i> , 2005, 26, 1023-1028.	1.5	106
8	Andrographolide reduces cognitive impairment in young and mature A β PPswe/PS-1 mice. <i>Molecular Neurodegeneration</i> , 2014, 9, 61.	4.4	95
9	Structure-Function Implications in Alzheimers Disease: Effect of A β ; Oligomers at Central Synapses. <i>Current Alzheimer Research</i> , 2008, 5, 233-243.	0.7	91
10	Traumatic Brain Injury: Mechanisms of Glial Response. <i>Frontiers in Physiology</i> , 2021, 12, 740939.	1.3	70
11	Is there a role for copper in neurodegenerative diseases?. <i>Molecular Aspects of Medicine</i> , 2005, 26, 405-420.	2.7	65
12	Genetic ablation of tau improves mitochondrial function and cognitive abilities in the hippocampus. <i>Redox Biology</i> , 2018, 18, 279-294.	3.9	60
13	Quercetin Exerts Differential Neuroprotective Effects Against H ₂ O ₂ and A β Aggregates in Hippocampal Neurons: the Role of Mitochondria. <i>Molecular Neurobiology</i> , 2017, 54, 7116-7128.	1.9	56
14	Amyloid- β Peptide Fibrils Induce Nitro-Oxidative Stress in Neuronal Cells. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 641-652.	1.2	55
15	Building a Bridge Between NMDAR-Mediated Excitotoxicity and Mitochondrial Dysfunction in Chronic and Acute Diseases. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1413-1430.	1.7	41
16	Wnt-5a increases NO and modulates NMDA receptor in rat hippocampal neurons. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 189-194.	1.0	39
17	RoR2 functions as a noncanonical Wnt receptor that regulates NMDAR-mediated synaptic transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4797-4802.	3.3	39
18	Heavy Alcohol Exposure Activates Astroglial Hemichannels and Pannexons in the Hippocampus of Adolescent Rats: Effects on Neuroinflammation and Astrocyte Arborization. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 472.	1.8	34

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19	Alcohol consumption during adolescence: A link between mitochondrial damage and ethanol brain intoxication. <i>Birth Defects Research</i> , 2017, 109, 1623-1639.	0.8	33
20	Î²-Amyloid Oligomers Affect the Structure and Function of the Postsynaptic Region: Role of the Wnt Signaling Pathway. <i>Neurodegenerative Diseases</i> , 2008, 5, 149-152.	0.8	31
21	Adolescent Binge Alcohol Exposure Affects the Brain Function Through Mitochondrial Impairment. <i>Molecular Neurobiology</i> , 2017, 55, 4473-4491.	1.9	31
22	Effect of Alcohol on Hippocampal-Dependent Plasticity and Behavior: Role of Glutamatergic Synaptic Transmission. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 288.	1.0	31
23	Wnt signaling modulates pre- and postsynaptic maturation: Therapeutic considerations. <i>Developmental Dynamics</i> , 2010, 239, 94-101.	0.8	30
24	The inhibition of CTGF/CCN2 activity improves muscle and locomotor function in a murine ALS model. <i>Human Molecular Genetics</i> , 2018, 27, 2913-2926.	1.4	29
25	Alcohol impairs hippocampal function: From NMDA receptor synaptic transmission to mitochondrial function. <i>Drug and Alcohol Dependence</i> , 2019, 205, 107628.	1.6	28
26	Copper brain homeostasis: Role of amyloid precursor protein and prion protein. <i>IUBMB Life</i> , 2005, 57, 645-650.	1.5	23
27	Alcohol consumption during adolescence alters the hippocampal response to traumatic brain injury. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 514-519.	1.0	19
28	Modulation of the NMDA Receptor Through Secreted Soluble Factors. <i>Molecular Neurobiology</i> , 2016, 53, 299-309.	1.9	17
29	New Implications for the Melanocortin System in Alcohol Drinking Behavior in Adolescents: The Glial Dysfunction Hypothesis. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 90.	1.8	17
30	Overexpression of amyloid precursor protein increases copper content in HEK293 cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 740-744.	1.0	15
31	Wnt5a inhibits K ⁺ currents in hippocampal synapses through nitric oxide production. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 314-322.	1.0	15
32	Age-related NMDA signaling alterations in SOD2 deficient mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2010-2020.	1.8	15
33	Tau Deletion Prevents Cognitive Impairment and Mitochondrial Dysfunction Age Associated by a Mechanism Dependent on Cyclophilin-D. <i>Frontiers in Neuroscience</i> , 2020, 14, 586710.	1.4	14
34	The functional and molecular effects of problematic alcohol consumption on skeletal muscle: a focus on athletic performance. <i>American Journal of Drug and Alcohol Abuse</i> , 2022, 48, 133-147.	1.1	11
35	Regulation of Phosphorylated State of NMDA Receptor by STEP61 Phosphatase after Mild-Traumatic Brain Injury: Role of Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 1575.	2.2	9
36	The metabolite <i>resol</i> impairs dendritic development, synaptogenesis, and synapse function in hippocampal neurons: Implications for autism spectrum disorder. <i>Journal of Neurochemistry</i> , 2022, 161, 335-349.	2.1	9

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37	Stimulation of Melanocortin Receptor-4 (MC4R) Prevents Mitochondrial Damage Induced by Binge Ethanol Protocol in Adolescent Rat Hippocampus. <i>Neuroscience</i> , 2020, 438, 70-85.	1.1	8
38	Neuronal surface P antigen (NSPA) modulates postsynaptic NMDAR stability through ubiquitination of tyrosine phosphatase PTPMEG. <i>BMC Biology</i> , 2020, 18, 164.	1.7	6
39	WNT Signaling Is a Key Player in Alzheimer's Disease. <i>Handbook of Experimental Pharmacology</i> , 2021, 269, 357-382.	0.9	6
40	Glutamatergic Receptor Trafficking and Delivery: Role of the Exocyst Complex. <i>Cells</i> , 2020, 9, 2402.	1.8	5
41	Exo70 intracellular redistribution after repeated mild traumatic brain injury. <i>Biological Research</i> , 2021, 54, 5.	1.5	5