

Dean-Chuan Wang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

318

citations

10

h-index

17

g-index

27

ext. papers

361

ext. citations

3.5

avg, IF

3.12

L-index

#	Paper	IF	Citations
26	Amyloid-beta interrupts the PI3K-Akt-mTOR signaling pathway that could be involved in brain-derived neurotrophic factor-induced Arc expression in rat cortical neurons. <i>Journal of Neuroscience Research</i> , 2009 , 87, 2297-307	4.4	83
25	Amyloid-beta at sublethal level impairs BDNF-induced arc expression in cortical neurons. <i>Neuroscience Letters</i> , 2006 , 398, 78-82	3.3	39
24	Exercise prevents the increased anxiety-like behavior in lactational di-(2-ethylhexyl) phthalate-exposed female rats in late adolescence by improving the regulation of hypothalamus-pituitary-adrenal axis. <i>Hormones and Behavior</i> , 2014 , 66, 674-84	3.7	24
23	The protective effect of Rho-associated kinase inhibitor on aluminum-induced neurotoxicity in rat cortical neurons. <i>Toxicological Sciences</i> , 2010 , 116, 264-72	4.4	24
22	Cytoprotective effect of American ginseng in a rat ethanol gastric ulcer model. <i>Molecules</i> , 2013 , 19, 316-26	4.6	23
21	Nonlethal aluminum maltolate can reduce brain-derived neurotrophic factor-induced Arc expression through interrupting the ERK signaling in SH-SY5Y neuroblastoma cells. <i>Toxicology Letters</i> , 2011 , 200, 67-76	4.4	17
20	Insulin can induce the expression of a memory-related synaptic protein through facilitating AMPA receptor endocytosis in rat cortical neurons. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 4069-80	10.3	13
19	The changes in shoulder rotation strength ratio for various shoulder positions and speeds in the scapular plane between baseball players and non-players. <i>Journal of Physical Therapy Science</i> , 2015 , 27, 1559-63	1	12
18	Both PKM ζ and KIBRA are closely related to reference memory but not working memory in a T-maze task in rats. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2014 , 200, 77-82	2.3	12
17	Increased vulnerability of auditory system to noise exposure in mdx mice. <i>Laryngoscope</i> , 2002 , 112, 520-5	5.6	10
16	Administration of chinese herbal medicines facilitates the locomotor activity in dystrophin-deficient mice. <i>The American Journal of Chinese Medicine</i> , 2001 , 29, 281-92	6	8
15	Co-induction of growth-associated protein GAP-43 and neuronal nitric oxide synthase in the cochlear nucleus following cochleotomy. <i>Experimental Brain Research</i> , 2004 , 158, 151-62	2.3	7
14	Recovery of motor coordination after exercise is correlated to enhancement of brain-derived neurotrophic factor in lactational vanadium-exposed rats. <i>Neuroscience Letters</i> , 2015 , 600, 232-7	3.3	6
13	High-fat diet reduces novelty-induced expression of activity-regulated cytoskeleton-associated protein. <i>Journal of Cellular Physiology</i> , 2020 , 235, 1065-1075	7	6
12	Recovery of BDNF and CB1R in the Prefrontal Cortex Underlying Improvement of Working Memory in Prenatal DEHP-Exposed Male Rats after Aerobic Exercise. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
11	Di-(2-ethylhexyl)-phthalate reduces MyoD and myogenin expression and inhibits myogenic differentiation in C2C12 cells. <i>Journal of Toxicological Sciences</i> , 2013 , 38, 783-91	1.9	5
10	Nonapnea Sleep Disorders and the Risk of Acute Kidney Injury: A Nationwide Population-Based Study. <i>Medicine (United States)</i> , 2016 , 95, e3067	1.8	4

9	Microvascular dysfunction with increased vascular leakage response in mice systemically exposed to arsenic. <i>Cardiovascular Toxicology</i> , 2014 , 14, 222-31	3.4	4
8	Motor skill learning enhances the expression of activity-regulated cytoskeleton-associated protein in the rat cerebellum. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2014 , 200, 959-66	2.3	4
7	THE ACUTE EFFECT OF TRAINING FREQUENCIES AND NUMBER OF SETS OF WHOLE BODY VIBRATION ON KNEE JOINT PROPRIOCEPTION. <i>Journal of Mechanics in Medicine and Biology</i> , 2014 , 14, 1450036	0.7	4
6	Lipopolysaccharide-stimulated leukocytes contribute to platelet aggregative dysfunction, which is attenuated by catalase in rats. <i>Kaohsiung Journal of Medical Sciences</i> , 2010 , 26, 584-92	2.4	4
5	The Cholinergic Signaling Responsible for the Expression of a Memory-Related Protein in Primary Rat Cortical Neurons. <i>Journal of Cellular Physiology</i> , 2016 , 231, 2428-38	7	2
4	Exercise prevents the impairment of learning and memory in prenatally phthalate-exposed male rats by improving the expression of plasticity-related proteins. <i>Behavioural Brain Research</i> , 2021 , 413, 113444	3.4	2
3	Lactational DEHP Exposure-Impaired Motor Coordination and Motor Skill Learning in Adolescent Rats. <i>FASEB Journal</i> , 2013 , 27, 1122.1	0.9	
2	Neonatal Phthalate Exposure Induces Cardiac Dysfunction in Adolescent Rats. <i>FASEB Journal</i> , 2013 , 27, 1184.8	0.9	
1	Lactational exposure to DEHP induced adrenocortical hypertrophy and anxiety-like behavior in rats. <i>FASEB Journal</i> , 2013 , 27, 936.15	0.9	