

# Dean-Chuan Wang

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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 | 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> , <b>2021</b> , 413, 113444  | 3.4  | 2         |
| 25 | 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> , <b>2020</b> , 21,  | 6.3  | 5         |
| 24 | High-fat diet reduces novelty-induced expression of activity-regulated cytoskeleton-associated protein. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 1065-1075   | 7    | 6         |
| 23 | Nonapnea Sleep Disorders and the Risk of Acute Kidney Injury: A Nationwide Population-Based Study. <i>Medicine (United States)</i> , <b>2016</b> , 95, e3067   | 1.8  | 4         |
| 22 | The Cholinergic Signaling Responsible for the Expression of a Memory-Related Protein in Primary Rat Cortical Neurons. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 2428-38   | 7    | 2         |
| 21 | Recovery of motor coordination after exercise is correlated to enhancement of brain-derived neurotrophic factor in lactational vanadium-exposed rats. <i>Neuroscience Letters</i> , <b>2015</b> , 600, 232-7   | 3.3  | 6         |
| 20 | 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> , <b>2015</b> , 27, 1559-63                                     | 1    | 12        |
| 19 | 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> , <b>2014</b> , 71, 4069-80   | 10.3 | 13        |
| 18 | Microvascular dysfunction with increased vascular leakage response in mice systemically exposed to arsenic. <i>Cardiovascular Toxicology</i> , <b>2014</b> , 14, 222-31  | 3.4  | 4         |
| 17 | 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> , <b>2014</b> , 66, 674-84 | 3.7  | 24        |
| 16 | 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> , <b>2014</b> , 200, 959-66          | 2.3  | 4         |
| 15 | 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> , <b>2014</b> , 14, 1450036  | 0.7  | 4         |
| 14 | Both PKM $\zeta$ 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> , <b>2014</b> , 200, 77-82                 | 2.3  | 12        |
| 13 | Cytoprotective effect of American ginseng in a rat ethanol gastric ulcer model. <i>Molecules</i> , <b>2013</b> , 19, 316-26  | 4.6  | 23        |
| 12 | Di-(2-ethylhexyl)-phthalate reduces MyoD and myogenin expression and inhibits myogenic differentiation in C2C12 cells. <i>Journal of Toxicological Sciences</i> , <b>2013</b> , 38, 783-91   | 1.9  | 5         |
| 11 | Lactational DEHP Exposure-Impaired Motor Coordination and Motor Skill Learning in Adolescent Rats. <i>FASEB Journal</i> , <b>2013</b> , 27, 1122.1   | 0.9  |           |
| 10 | Neonatal Phthalate Exposure Induces Cardiac Dysfunction in Adolescent Rats. <i>FASEB Journal</i> , <b>2013</b> , 27, 1184.8  | 0.9  |           |

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|---|--|-----|----|
| 9 | Lactational exposure to DEHP induced adrenocortical hypertrophy and anxiety-like behavior in rats. <i>FASEB Journal</i> , <b>2013</b> , 27, 936-15   | 0.9 |    |
| 8 | 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> , <b>2011</b> , 200, 67-76                 | 4.4 | 17 |
| 7 | The protective effect of Rho-associated kinase inhibitor on aluminum-induced neurotoxicity in rat cortical neurons. <i>Toxicological Sciences</i> , <b>2010</b> , 116, 264-72  | 4.4 | 24 |
| 6 | Lipopolysaccharide-stimulated leukocytes contribute to platelet aggregative dysfunction, which is attenuated by catalase in rats. <i>Kaohsiung Journal of Medical Sciences</i> , <b>2010</b> , 26, 584-92                                    | 2.4 | 4  |
| 5 | 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> , <b>2009</b> , 87, 2297-307 | 4.4 | 83 |
| 4 | Amyloid-beta at sublethal level impairs BDNF-induced arc expression in cortical neurons. <i>Neuroscience Letters</i> , <b>2006</b> , 398, 78-82  | 3.3 | 39 |
| 3 | Co-induction of growth-associated protein GAP-43 and neuronal nitric oxide synthase in the cochlear nucleus following cochleotomy. <i>Experimental Brain Research</i> , <b>2004</b> , 158, 151-62  | 2.3 | 7  |
| 2 | Increased vulnerability of auditory system to noise exposure in mdx mice. <i>Laryngoscope</i> , <b>2002</b> , 112, 520-5.6   | 5.6 | 10 |
| 1 | Administration of chinese herbal medicines facilitates the locomotor activity in dystrophin-deficient mice. <i>The American Journal of Chinese Medicine</i> , <b>2001</b> , 29, 281-92   | 6   | 8  |