

# Woosuk Kim

## List of Publications by Year in descending order

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52  
papers

525  
citations

840776

11  
h-index

794594

19  
g-index

52  
all docs

52  
docs citations

52  
times ranked

720  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant effects of <i>Dendropanax morbifera</i> L'Éveillé extract in the hippocampus of mercury-exposed rats. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 247.	3.7	43
2	Protein disulfide-isomerase A3 significantly reduces ischemia-induced damage by reducing oxidative and endoplasmic reticulum stress. <i>Neurochemistry International</i> , 2019, 122, 19-30.	3.8	32
3	Neuroprotective effects of Z-ajoene, an organosulfur compound derived from oil-macerated garlic, in the gerbil hippocampal CA1 region after transient forebrain ischemia. <i>Food and Chemical Toxicology</i> , 2014, 72, 1-7.	3.6	31
4	Neuroprotective Effects of PEP-1-Cu,Zn-SOD against Ischemic Neuronal Damage in the Rabbit Spinal Cord. <i>Neurochemical Research</i> , 2012, 37, 307-313.	3.3	25
5	<i>Dendropanax morbifera</i> L'Éveillé extract ameliorates cadmium-induced impairment in memory and hippocampal neurogenesis in rats. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 452.	3.7	25
6	Tat-protein disulfide-isomerase A3: a possible candidate for preventing ischemic damage in the spinal cord. <i>Cell Death and Disease</i> , 2017, 8, e3075-e3075.	6.3	25
7	Melatonin ameliorates cuprizone-induced reduction of hippocampal neurogenesis, brain-derived neurotrophic factor, and phosphorylation of cyclic AMP response element-binding protein in the mouse dentate gyrus. <i>Brain and Behavior</i> , 2019, 9, e01388.	2.2	25
8	Physical exercise ameliorates the reduction of neural stem cell, cell proliferation and neuroblast differentiation in senescent mice induced by D-galactose. <i>BMC Neuroscience</i> , 2014, 15, 116.	1.9	22
9	Phosphoglycerate Mutase 1 Promotes Cell Proliferation and Neuroblast Differentiation in the Dentate Gyrus by Facilitating the Phosphorylation of cAMP Response Element-Binding Protein. <i>Neurochemical Research</i> , 2019, 44, 323-332.	3.3	17
10	Neuroprotective Effects of Adipose-Derived Stem Cells Are Maintained for 3 Weeks against Ischemic Damage in the Rabbit Spinal Cord. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	13
11	<i>Dendropanax morbifera</i> L'Éveillé extract ameliorates D-galactose-induced memory deficits by decreasing inflammatory responses in the hippocampus. <i>Laboratory Animal Research</i> , 2017, 33, 283.	2.5	13
12	Cell proliferation and neuroblast differentiation in the dentate gyrus of high-fat diet-fed mice are increased after rosiglitazone treatment. <i>Journal of Veterinary Science</i> , 2014, 15, 27.	1.3	12
13	Heat shock protein 70 increases cell proliferation, neuroblast differentiation, and the phosphorylation of CREB in the hippocampus. <i>Laboratory Animal Research</i> , 2019, 35, 21.	2.5	12
14	Tat-DJ-1 Protects Neurons from Ischemic Damage in the Ventral Horn of Rabbit Spinal Cord Via Increasing Antioxidant Levels. <i>Neurochemical Research</i> , 2014, 39, 187-193.	3.3	11
15	Pyridoxine Deficiency Exacerbates Neuronal Damage after Ischemia by Increasing Oxidative Stress and Reduces Proliferating Cells and Neuroblasts in the Gerbil Hippocampus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5551.	4.1	11
16	Effects of Pyridoxine Deficiency on Hippocampal Function and Its Possible Association with V-Type Proton ATPase Subunit B2 and Heat Shock Cognate Protein 70. <i>Cells</i> , 2020, 9, 1067.	4.1	11
17	Phosphoglycerate mutase 1 reduces neuronal damage in the hippocampus following ischemia/reperfusion through the facilitation of energy utilization. <i>Neurochemistry International</i> , 2020, 133, 104631.	3.8	10
18	Neuroprotective Effects of Purpurin Against Ischemic Damage via MAPKs, Bax, and Oxidative Stress Cascades in the Gerbil Hippocampus. <i>Molecular Neurobiology</i> , 2022, 59, 2580-2592.	4.0	10

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19	Changes of myelin basic protein in the hippocampus of an animal model of type 2 diabetes. <i>Laboratory Animal Research</i> , 2018, 34, 176.	2.5	9
20	Phosphatidylethanolamine-binding protein 1 protects CA1 neurons against ischemic damage via ERK-CREB signaling in Mongolian gerbils. <i>Neurochemistry International</i> , 2018, 118, 265-274.	3.8	9
21	Role of pyridoxine in GABA synthesis and degradation in the hippocampus. <i>Tissue and Cell</i> , 2019, 61, 72-78.	2.2	9
22	Tat-HSP70 protects neurons from oxidative damage in the NSC34 cells and ischemic damage in the ventral horn of rabbit spinal cord. <i>Neurochemistry International</i> , 2019, 129, 104477.	3.8	9
23	Phosphoglycerate Mutase 1 Prevents Neuronal Death from Ischemic Damage by Reducing Neuroinflammation in the Rabbit Spinal Cord. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7425.	4.1	9
24	The Microvillar and Solitary Chemosensory Cells as the Novel Targets of Infection of SARS-CoV-2 in Syrian Golden Hamsters. <i>Viruses</i> , 2021, 13, 1653.	3.3	9
25	Effects of aluminum on the reduction of neural stem cells, proliferating cells, and differentiating neuroblasts in the dentate gyrus of D-galactose-treated mice via increasing oxidative stress. <i>Journal of Veterinary Science</i> , 2016, 17, 127.	1.3	8
26	<i>Bacopa monnieri</i> extract improves novel object recognition, cell proliferation, neuroblast differentiation, brain-derived neurotrophic factor, and phosphorylation of cAMP response element-binding protein in the dentate gyrus. <i>Laboratory Animal Research</i> , 2018, 34, 239.	2.5	8
27	P27 Protects Neurons from Ischemic Damage by Suppressing Oxidative Stress and Increasing Autophagy in the Hippocampus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9496.	4.1	8
28	Leaf extracts from <i>Dendropanax moribifera</i> L'Veille mitigate mercury-induced reduction of spatial memory, as well as cell proliferation, and neuroblast differentiation in rat dentate gyrus. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 94.	3.7	7
29	Differential roles of exogenous protein disulfide isomerase A3 on proliferating cell and neuroblast numbers in the normal and ischemic gerbils. <i>Brain and Behavior</i> , 2020, 10, e01534.	2.2	7
30	Phosphatidylethanolamine-Binding Protein 1 Ameliorates Ischemia-Induced Inflammation and Neuronal Damage in the Rabbit Spinal Cord. <i>Cells</i> , 2019, 8, 1370.	4.1	6
31	Postnatal changes in constitutive cyclooxygenase-2 expression in the mice hippocampus and its function in synaptic plasticity. <i>Molecular Medicine Reports</i> , 2019, 19, 1996-2004.	2.4	6
32	Physical Stress Induced Reduction of Proliferating Cells and Differentiated Neuroblasts Is Ameliorated by Fermented <i>Laminaria japonica</i> Extract Treatment. <i>Marine Drugs</i> , 2020, 18, 587.	4.6	6
33	Cuprizone Affects Hypothermia-Induced Neuroprotection and Enhanced Neuroblast Differentiation in the Gerbil Hippocampus after Ischemia. <i>Cells</i> , 2020, 9, 1438.	4.1	6
34	<i>Dendropanax moribifera</i> L'Veille extract ameliorates cesium-induced inflammation in the kidney and decreases antioxidant enzyme levels in the hippocampus. <i>Molecular and Cellular Toxicology</i> , 2018, 14, 193-199.	1.7	5
35	Ischemia-related changes of fat-mass and obesity-associated protein expression in the gerbil hippocampus. <i>Metabolic Brain Disease</i> , 2020, 35, 335-342.	2.9	5
36	Tat-Cannabinoid Receptor Interacting Protein Reduces Ischemia-Induced Neuronal Damage and Its Possible Relationship with 14-3-3 $\beta$ . <i>Cells</i> , 2020, 9, 1827.	4.1	5

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37	Neuropathological changes in dorsal root ganglia induced by pyridoxine in dogs. BMC Neuroscience, 2020, 21, 11.	1.9	5
38	Entacapone promotes hippocampal neurogenesis in mice. Neural Regeneration Research, 2021, 16, 1005.	3.0	5
39	Tat-Endophilin A1 Fusion Protein Protects Neurons from Ischemic Damage in the Gerbil Hippocampus: A Possible Mechanism of Lipid Peroxidation and Neuroinflammation Mitigation as Well as Synaptic Plasticity. Cells, 2021, 10, 357.	4.1	5
40	PEP-1-Frataxin Significantly Increases Cell Proliferation and Neuroblast Differentiation by Reducing Lipid Peroxidation in the Mouse Dentate Gyrus. Neurochemical Research, 2011, 36, 2452-2458.	3.3	4
41	Adult Hippocampal Neurogenesis Can Be Enhanced by Cold Challenge Independently From Beigeing Effects. Frontiers in Neuroscience, 2019, 13, 92.	2.8	4
42	Natural Products in the Prevention of Metabolic Diseases: Lessons Learned from the 20th KAST Frontier Scientists Workshop. Nutrients, 2021, 13, 1881.	4.1	4
43	Extracts from the Leaves of Cissus verticillata Ameliorate High-Fat Diet-Induced Memory Deficits in Mice. Plants, 2021, 10, 1814.	3.5	4
44	Comparison of the Effects of Cuprizone on Demyelination in the Corpus Callosum and Hippocampal Progenitors in Young Adult and Aged Mice. Neurochemical Research, 2022, 47, 1073-1082.	3.3	4
45	The neuroprotective effects of phosphoglycerate mutase 5 are mediated by decreasing oxidative stress in HT22 hippocampal cells and gerbil hippocampus. Neurochemistry International, 2022, 157, 105346.	3.8	4
46	Cissus verticillata Extract Decreases Neuronal Damage Induced by Oxidative Stress in HT22 Cells and Ischemia in Gerbils by Reducing the Inflammation and Phosphorylation of MAPKs. Plants, 2021, 10, 1217.	3.5	3
47	Changes of fat-mass and obesity-associated protein expression in the hippocampus in animal models of high-fat diet-induced obesity and D-galactose-induced aging. Laboratory Animal Research, 2020, 36, 20.	2.5	2
48	Gynura procumbens Root Extract Ameliorates Ischemia-Induced Neuronal Damage in the Hippocampal CA1 Region by Reducing Neuroinflammation. Nutrients, 2021, 13, 181.	4.1	1
49	Beta-nerve growth factor gene therapy alleviates pyridoxine-induced neuropathic damage by increasing doublecortin and tyrosine kinase A in the dorsal root ganglion. Neural Regeneration Research, 2020, 15, 162.	3.0	1
50	Entacapone Treatment Modulates Hippocampal Proteins Related to Synaptic Vehicle Trafficking. Cells, 2020, 9, 2712.	4.1	0
51	Tat-p27 Ameliorates Neuronal Damage Reducing $\alpha$ -Synuclein and Inflammatory Responses in Motor Neurons After Spinal Cord Ischemia. Neurochemical Research, 2021, 46, 3123-3134.	3.3	0
52	Spatial and temporal changes in the PGE2 EP2 receptor in mice hippocampi during postnatal development and its relationship with cyclooxygenase-2. Iranian Journal of Basic Medical Sciences, 2021, 24, 908-913.	1.0	0