

Sung Min Nam

List of Publications by Year in descending order

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54
papers

812
citations

516215

16
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580395

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54
times ranked

1297
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#	ARTICLE	IF	CITATIONS
1	Effects of Curcumin (<i>Curcuma longa</i>) on Learning and Spatial Memory as Well as Cell Proliferation and Neuroblast Differentiation in Adult and Aged Mice by Upregulating Brain-Derived Neurotrophic Factor and CREB Signaling. <i>Journal of Medicinal Food</i> , 2014, 17, 641-649.	0.8	89
2	Ascorbic Acid Mitigates D-galactose-Induced Brain Aging by Increasing Hippocampal Neurogenesis and Improving Memory Function. <i>Nutrients</i> , 2019, 11, 176.	1.7	49
3	Valeriana officinalis extract and its main component, valerenic acid, ameliorate d-galactose-induced reductions in memory, cell proliferation, and neuroblast differentiation by reducing corticosterone levels and lipid peroxidation. <i>Experimental Gerontology</i> , 2013, 48, 1369-1377.	1.2	39
4	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.	1.8	31
5	Ginseng gintonin, aging societies, and geriatric brain diseases. <i>Integrative Medicine Research</i> , 2021, 10, 100450.	0.7	29
6	Differential Effects of Low- and High-dose Zinc Supplementation on Synaptic Plasticity and Neurogenesis in the Hippocampus of Control and High-fat Diet-fed Mice. <i>Neurochemical Research</i> , 2017, 42, 3149-3159.	1.6	26
7	Comparison of Adult Hippocampal Neurogenesis and Susceptibility to Treadmill Exercise in Nine Mouse Strains. <i>Neural Plasticity</i> , 2017, 2017, 1-13.	1.0	25
8	Gintonin Attenuates D-Galactose-Induced Hippocampal Senescence by Improving Long-Term Hippocampal Potentiation, Neurogenesis, and Cognitive Functions. <i>Gerontology</i> , 2018, 64, 562-575.	1.4	25
9	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.	1.0	25
10	Effects of Treadmill Exercise on Neural Stem Cells, Cell Proliferation, and Neuroblast Differentiation in the Subgranular Zone of the Dentate Gyrus in Cyclooxygenase-2 Knockout Mice. <i>Neurochemical Research</i> , 2013, 38, 2559-2569.	1.6	23
11	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.	0.8	22
12	Comparison of pharmacological and genetic inhibition of cyclooxygenase-2: effects on adult neurogenesis in the hippocampal dentate gyrus. <i>Journal of Veterinary Science</i> , 2015, 16, 245.	0.5	22
13	Ascorbic acid ameliorates lead-induced apoptosis in the cerebellar cortex of developing rats. <i>Brain Research</i> , 2018, 1686, 10-18.	1.1	20
14	Improvement in neurogenesis and memory function by administration of <i>Passiflora incarnata</i> L. extract applied to sleep disorder in rodent models. <i>Journal of Chemical Neuroanatomy</i> , 2019, 98, 27-40.	1.0	20
15	Pyridoxine improves hippocampal cognitive function via increases of serotonin turnover and tyrosine hydroxylase, and its association with CB1 cannabinoid receptor-interacting protein and the CB1 cannabinoid receptor pathway. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3142-3153.	1.1	19
16	Ascorbic Acid Supplementation Prevents the Detrimental Effects of Prenatal and Postnatal Lead Exposure on the Purkinje Cell and Related Proteins in the Cerebellum of Developing Rats. <i>Biological Trace Element Research</i> , 2019, 190, 446-456.	1.9	19
17	Valeriana officinalis Extracts Ameliorate Neuronal Damage by Suppressing Lipid Peroxidation in the Gerbil Hippocampus Following Transient Cerebral Ischemia. <i>Journal of Medicinal Food</i> , 2015, 18, 642-647.	0.8	18
18	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.	1.6	17

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19	Ascorbic Acid Attenuates Lead-Induced Alterations in the Synapses in the Developing Rat Cerebellum. <i>Biological Trace Element Research</i> , 2019, 187, 142-150.	1.9	16
20	Ginseng Gintonin Attenuates Lead-Induced Rat Cerebellar Impairments during Gestation and Lactation. <i>Biomolecules</i> , 2020, 10, 385.	1.8	16
21	Valerenic Acid Protects Against Physical and Psychological Stress by Reducing the Turnover of Serotonin and Norepinephrine in Mouse Hippocampus-Amygdala Region. <i>Journal of Medicinal Food</i> , 2015, 18, 1333-1339.	0.8	15
22	Effects of Ascorbic Acid on Osteopontin Expression and Axonal Myelination in the Developing Cerebellum of Lead-Exposed Rat Pups. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 983.	1.2	15
23	Neurons in the hippocampal CA1 region, but not the dentate gyrus, are susceptible to oxidative stress in rats with streptozotocin-induced type 1 diabetes. <i>Neural Regeneration Research</i> , 2015, 10, 451.	1.6	14
24	Reduction of adult hippocampal neurogenesis is amplified by aluminum exposure in a model of type 2 diabetes. <i>Journal of Veterinary Science</i> , 2016, 17, 13.	0.5	13
25	Hypothyroidism affects astrocyte and microglial morphology in type 2 diabetes. <i>Neural Regeneration Research</i> , 2013, 8, 2458-67.	1.6	13
26	Effects of S-Allyl-L-Cysteine on Cell Proliferation and Neuroblast Differentiation in the Mouse Dentate Gyrus. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1071-1075.	0.3	11
27	Effects of a gintonin-enriched fraction on hair growth: an inÂvitro and inÂvivo study. <i>Journal of Ginseng Research</i> , 2020, 44, 168-177.	3.0	11
28	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.	1.8	11
29	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.	1.8	11
30	Ginseng gintonin alleviates neurological symptoms in the G93A-SOD1 transgenic mouse model of amyotrophic lateral sclerosis through lysophosphatidic acid 1 receptor. <i>Journal of Ginseng Research</i> , 2021, 45, 390-400.	3.0	11
31	Hairy and Enhancer of Split 6 (Hes6) Deficiency in Mouse Impairs Neuroblast Differentiation in Dentate Gyrus Without Affecting Cell Proliferation and Integration into Mature Neurons. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 57-67.	1.7	10
32	Ascorbic Acid Ameliorates Gestational Lead Exposure-Induced Developmental Alteration in GAD67 and c-Kit Expression in the Rat Cerebellar Cortex. <i>Biological Trace Element Research</i> , 2018, 182, 278-286.	1.9	10
33	Changes of myelin basic protein in the hippocampus of an animal model of type 2 diabetes. <i>Laboratory Animal Research</i> , 2018, 34, 176.	1.1	9
34	Role of pyridoxine in GABA synthesis and degradation in the hippocampus. <i>Tissue and Cell</i> , 2019, 61, 72-78.	1.0	9
35	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.	0.5	8
36	Comparison of N-Methyl-d-aspartate Receptor Subunit 1 and 4-Hydroxynonenal in the Hippocampus of Natural and Chemical-Induced Aging Accelerated Mice. <i>Neurochemical Research</i> , 2014, 39, 1702-1708.	1.6	7

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37	Proteomic approach to detect changes in hippocampal protein levels in an animal model of type 2 diabetes. <i>Neurochemistry International</i> , 2017, 108, 246-253.	1.9	7
38	Ultrastructural Changes and Expression of PCNA and RPE65 in Sodium Iodate-Induced Acute Retinal Pigment Epithelium Degeneration Model. <i>Neurochemical Research</i> , 2018, 43, 1010-1019.	1.6	7
39	Leaf extracts from <i>Dendropanax morbifera</i> L'Éveillé 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
40	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.	1.0	7
41	Hypothyroid States Mitigate the Diabetes-Induced Reduction of Calbindin D-28k, Calretinin, and Parvalbumin Immunoreactivity in Type 2 Diabetic Rats. <i>Neurochemical Research</i> , 2012, 37, 253-260.	1.6	6
42	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.	1.1	6
43	Cuprizone Affects Hypothermia-Induced Neuroprotection and Enhanced Neuroblast Differentiation in the Gerbil Hippocampus after Ischemia. <i>Cells</i> , 2020, 9, 1438.	1.8	6
44	Changes in Cyclooxygenase-2 Immunoreactivity in the Hippocampus in a Model of Streptozotocin-Induced Type 1 Diabetic Rats. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 977-982.	0.3	5
45	Effects of ascorbic acid treatment on developmental alterations in calcium-binding proteins and gamma-aminobutyric acid transporter 1 in the cerebellum of lead-exposed rats during pregnancy and lactation. <i>Journal of Toxicological Sciences</i> , 2019, 44, 799-809.	0.7	5
46	Effects of gintonin-enriched fraction on hippocampal gene expressions. <i>Integrative Medicine Research</i> , 2021, 10, 100475.	0.7	5
47	Entacapone promotes hippocampal neurogenesis in mice. <i>Neural Regeneration Research</i> , 2021, 16, 1005.	1.6	5
48	Effects of <i>Dendropanax morbifera</i> L'Éveillé extract on hypothyroidism-induced oxidative stress in the rat hippocampus. <i>Food Science and Biotechnology</i> , 2016, 25, 1761-1766.	1.2	4
49	Chronic administration of SUMO-1 has negative effects on novel object recognition memory as well as cell proliferation and neuroblast differentiation in the mouse dentate gyrus. <i>Molecular Medicine Reports</i> , 2017, 16, 3427-3432.	1.1	4
50	Adult Hippocampal Neurogenesis Can Be Enhanced by Cold Challenge Independently From Beigeing Effects. <i>Frontiers in Neuroscience</i> , 2019, 13, 92.	1.4	4
51	Differential Effects of Treadmill Exercise on Calretinin Immunoreactivity in Type 2 Diabetic Rats in Early and Chronic Diabetic Stages. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1037-1042.	0.3	3
52	Effects of long-term exposure to aluminum in the hippocampus in the type 2 diabetes model rats. <i>Toxicology Research</i> , 2019, 8, 206-215.	0.9	1
53	Comparative evaluation of canine cadaver embalming methods for veterinary anatomy education. <i>Anatomical Science International</i> , 2020, 95, 498-507.	0.5	1
54	Gintonin influences the morphology and motility of adult brain neurons via LPA receptors. <i>Journal of Ginseng Research</i> , 2021, 45, 401-407.	3.0	1