

Gu-Seob Roh

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,807
citations

304602

22
h-index

289141

40
g-index

67
all docs

67
docs citations

67
times ranked

3178
citing authors

#	ARTICLE	IF	CITATIONS
1	Resveratrol Attenuates Obesity-Associated Peripheral and Central Inflammation and Improves Memory Deficit in Mice Fed a High-Fat Diet. <i>Diabetes</i> , 2012, 61, 1444-1454.	0.3	295
2	Ketogenic diet-induced peroxisome proliferator-activated receptor- β activation decreases neuroinflammation in the mouse hippocampus after kainic acid-induced seizures. <i>Experimental Neurology</i> , 2011, 232, 195-202.	2.0	120
3	Curcumin attenuates the kainic acid-induced hippocampal cell death in the mice. <i>Neuroscience Letters</i> , 2007, 416, 49-54.	1.0	86
4	Glutamine deficiency in the prefrontal cortex increases depressive-like behaviours in male mice. <i>Journal of Psychiatry and Neuroscience</i> , 2013, 38, 183-191.	1.4	79
5	Caloric restriction of db/db mice reverts hepatic steatosis and body weight with divergent hepatic metabolism. <i>Scientific Reports</i> , 2016, 6, 30111.	1.6	78
6	Adiponectin protects hippocampal neurons against kainic acid-induced excitotoxicity. <i>Brain Research Reviews</i> , 2009, 61, 81-88.	9.1	73
7	Functional characteristics of two BKCa channel variants differentially expressed in rat brain tissues. <i>FEBS Journal</i> , 2000, 267, 910-918.	0.2	70
8	A mitochondrial division inhibitor, Mdivi-1, inhibits mitochondrial fragmentation and attenuates kainic acid-induced hippocampal cell death. <i>BMC Neuroscience</i> , 2016, 17, 33.	0.8	53
9	Activating transcription factor 3 is a target molecule linking hepatic steatosis to impaired glucose homeostasis. <i>Journal of Hepatology</i> , 2017, 67, 349-359.	1.8	51
10	The Rho-Kinase (ROCK) Inhibitor Y-27632 Protects Against Excitotoxicity-Induced Neuronal Death In Vivo and In Vitro. <i>Neurotoxicity Research</i> , 2013, 23, 238-248.	1.3	46
11	α -lipoic acid prevents non-alcoholic fatty liver disease in OLETF rats. <i>Liver International</i> , 2012, 32, 1565-1573.	1.9	44
12	Salubrial, ER stress inhibitor, attenuates kainic acid-induced hippocampal cell death. <i>Journal of Neural Transmission</i> , 2014, 121, 1233-1243.	1.4	43
13	Chronic Ethanol Consumption Inhibits Glucokinase Transcriptional Activity by Atf3 and Triggers Metabolic Syndrome in Vivo. <i>Journal of Biological Chemistry</i> , 2014, 289, 27065-27079.	1.6	42
14	Protective effect of cilostazol against doxorubicin-induced cardiomyopathy in mice. <i>Free Radical Biology and Medicine</i> , 2015, 89, 54-61.	1.3	36
15	Effects of caloric restriction on O-GlcNAcylation, Ca ²⁺ signaling, and learning impairment in the hippocampus of ob/ob mice. <i>Neurobiology of Aging</i> , 2016, 44, 127-137.	1.5	36
16	Caloric restriction improves diabetes-induced cognitive deficits by attenuating neurogranin-associated calcium signaling in high-fat diet-fed mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1098-1110.	2.4	31
17	Hypoglycemic efficacy and safety of <i>Momordica charantia</i> (bitter melon) in patients with type 2 diabetes mellitus. <i>Complementary Therapies in Medicine</i> , 2020, 52, 102524.	1.3	31
18	Alpha-lipoic acid attenuates adipocyte differentiation and lipid accumulation in 3T3-L1 cells via AMPK-dependent autophagy. <i>Life Sciences</i> , 2014, 100, 125-132.	2.0	29

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19	Decreased interaction between FoxO3a and Akt correlates with seizure-induced neuronal death. <i>Epilepsy Research</i> , 2014, 108, 367-378.	0.8	26
20	Insufficient glutamine synthetase activity during synaptogenesis causes spatial memory impairment in adult mice. <i>Scientific Reports</i> , 2019, 9, 252.	1.6	26
21	Resveratrol Induces Glioma Cell Apoptosis through Activation of Tristetraprolin. <i>Molecules and Cells</i> , 2015, 38, 991-997.	1.0	25
22	Exendin-4 Improves Nonalcoholic Fatty Liver Disease by Regulating Glucose Transporter 4 Expression in ob/ob Mice. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 333.	0.6	23
23	Myoferlin expression in non-small cell lung cancer: Prognostic role and correlation with VEGFR-2 expression. <i>Oncology Letters</i> , 2016, 11, 998-1006.	0.8	23
24	Caloric restriction reverses left ventricular hypertrophy through the regulation of cardiac iron homeostasis in impaired leptin signaling mice. <i>Scientific Reports</i> , 2020, 10, 7176.	1.6	23
25	Hippocampal Lipocalin 2 Is Associated With Neuroinflammation and Iron-Related Oxidative Stress in ob/ob Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 530-541.	0.9	23
26	High-fat diet-induced obesity exacerbates kainic acid-induced hippocampal cell death. <i>BMC Neuroscience</i> , 2015, 16, 72.	0.8	22
27	Temporal expression of AMP-activated protein kinase activation during the kainic acid-induced hippocampal cell death. <i>Journal of Neural Transmission</i> , 2009, 116, 33-40.	1.4	21
28	Lipocalin-2 Deficiency Reduces Oxidative Stress and Neuroinflammation and Results in Attenuation of Kainic Acid-Induced Hippocampal Cell Death. <i>Antioxidants</i> , 2021, 10, 100.	2.2	21
29	Lipocalin α 2 activates hepatic stellate cells and promotes nonalcoholic steatohepatitis in high-fat diet-fed Ob/Ob mice. <i>Hepatology</i> , 2023, 77, 888-901.	3.6	21
30	Long-Lasting Exendin-4 Fusion Protein Improves Memory Deficits in High-Fat Diet/Streptozotocin-Induced Diabetic Mice. <i>Pharmaceutics</i> , 2020, 12, 159.	2.0	20
31	TonEBP/NFAT5 haploinsufficiency attenuates hippocampal inflammation in high-fat diet/streptozotocin-induced diabetic mice. <i>Scientific Reports</i> , 2017, 7, 7837.	1.6	19
32	O-linked N-acetylglucosamine transferase enhances secretory clusterin expression via liver X receptors and sterol response element binding protein regulation in cervical cancer. <i>Oncotarget</i> , 2018, 9, 4625-4636.	0.8	18
33	Type 1 diabetes alters astrocytic properties related with neurotransmitter supply, causing abnormal neuronal activities. <i>Brain Research</i> , 2015, 1602, 32-43.	1.1	17
34	The GABA _B receptor associates with regulators of G-protein signaling 4 protein in the mouse prefrontal cortex and hypothalamus. <i>BMB Reports</i> , 2014, 47, 324-329.	1.1	17
35	Altered expression of sphingosine kinase 1 and sphingosine-1-phosphate receptor 1 in mouse hippocampus after kainic acid treatment. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 476-480.	1.0	16
36	Myeloid sirtuin1 deficiency aggravates hippocampal inflammation in mice fed high-fat diets. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 1025-1031.	1.0	16

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37	Clusterin interaction with Bcl-xL is associated with seizure-induced neuronal death. <i>Epilepsy Research</i> , 2012, 99, 240-251.	0.8	14
38	Myeloid-specific deletion of SIRT1 increases hepatic steatosis and hypothalamic inflammation in mice fed a high-fat diet. <i>Metabolic Brain Disease</i> , 2014, 29, 635-643.	1.4	14
39	Skeletal Lipocalin-2 Is Associated with Iron-Related Oxidative Stress in ob/ob Mice with Sarcopenia. <i>Antioxidants</i> , 2021, 10, 758.	2.2	14
40	Tonicity-responsive enhancer-binding protein promotes diabetic neuroinflammation and cognitive impairment via upregulation of lipocalin-2. <i>Journal of Neuroinflammation</i> , 2021, 18, 278.	3.1	14
41	Alcohol consumption before pregnancy causes detrimental fetal development and maternal metabolic disorders. <i>Scientific Reports</i> , 2020, 10, 10054.	1.6	13
42	Ablation of dynamin-related protein 1 promotes diabetes-induced synaptic injury in the hippocampus. <i>Cell Death and Disease</i> , 2021, 12, 445.	2.7	12
43	Effect of the calcineurin inhibitor FK506 on K ⁺ -Cl ⁻ cotransporter 2 expression in the mouse hippocampus after kainic acid-induced status epilepticus. <i>Journal of Neural Transmission</i> , 2012, 119, 669-677.	1.4	11
44	Role of Lipocalin-2 in Amyloid-Beta Oligomer-Induced Mouse Model of Alzheimer's Disease. <i>Antioxidants</i> , 2021, 10, 1657.	2.2	10
45	Attenuation by a <i>Vigna nakashimae</i> extract of nonalcoholic fatty liver disease in high-fat diet-fed mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 482-489.	0.6	9
46	Fermented soy powder milk with <i>Lactobacillus plantarum</i> P1201 protects against high-fat diet-induced obesity. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1614-1622.	1.3	9
47	Effects of lobeglitazone on insulin resistance and hepatic steatosis in high-fat diet-fed mice. <i>PLoS ONE</i> , 2018, 13, e0200336.	1.1	9
48	Effects of caloric restriction on the expression of lipocalin-2 and its receptor in the brown adipose tissue of high-fat diet-fed mice. <i>Korean Journal of Physiology and Pharmacology</i> , 2019, 23, 335.	0.6	9
49	Genetic engineering of novel super long-acting Exendin-4 chimeric protein for effective treatment of metabolic and cognitive complications of obesity. <i>Biomaterials</i> , 2020, 257, 120250.	5.7	7
50	LCN2 deficiency ameliorates doxorubicin-induced cardiomyopathy in mice. <i>Biochemical and Biophysical Research Communications</i> , 2022, 588, 8-14.	1.0	6
51	Cilostazol attenuates kainic acid-induced hippocampal cell death. <i>Korean Journal of Physiology and Pharmacology</i> , 2018, 22, 63.	0.6	5
52	Atorvastatin pretreatment attenuates kainic acid-induced hippocampal neuronal death via regulation of lipocalin-2-associated neuroinflammation. <i>Korean Journal of Physiology and Pharmacology</i> , 2018, 22, 301.	0.6	5
53	Exendin-4 Pretreatment Attenuates Kainic Acid-Induced Hippocampal Neuronal Death. <i>Cells</i> , 2021, 10, 2527.	1.8	5
54	Anti-diabetic Effects of Ethanol Extract from Bitter Melon in Mice Fed a High-fat Diet. <i>Development & Reproduction</i> , 2017, 21, 259-267.	0.1	5

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55	Lipocalin-2 Deficiency Reduces Hepatic and Hippocampal Triggering Receptor Expressed on Myeloid Cells-2 Expressions in High-Fat Diet/Streptozotocin-Induced Diabetic Mice. <i>Brain Sciences</i> , 2022, 12, 878.	1.1	4
56	The Role of SHIP1 on Apoptosis and Autophagy in the Adipose Tissue of Obese Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7225.	1.8	3
57	Protective Effects of Evogliptin on Steatohepatitis in High-Fat-Fed Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6743.	1.8	2
58	Tissue-specific gene expression in obese hyperglycemic mice. <i>International Journal of Transgender Health</i> , 2022, 15, 555-561.	1.1	2
59	Expression of pro-opiomelanocortin and agouti-related protein in the hypothalamus of caffeine-administered rats. <i>Animal Cells and Systems</i> , 2011, 15, 203-210.	0.8	0
60	Antidiabetic Effects of <i>Vigna nakashimae</i> Extract in Humans: A Preliminary Study. <i>Journal of Alternative and Complementary Medicine</i> , 2018, 24, 249-253.	2.1	0
61	Effects of myeloid sirtuin 1 deficiency on hypothalamic neurogranin in mice fed a high-fat diet. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 123-129.	1.0	0
62	Molecular signature in asthmatic mice model lung by microarray analysis. <i>FASEB Journal</i> , 2007, 21, A1142.	0.2	0
63	Caloric restriction reverses left ventricular hypertrophy through the regulation of cardiac iron homeostasis in ob/ob mice. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
64	Binge alcohol drinking before pregnancy is closely associated with the development of macrosomia: Korean pregnancy registry cohort. <i>PLoS ONE</i> , 2022, 17, e0271291.	1.1	0