Gu-Seob Roh

List of Publications by Year
in descending order

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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	Lipocalinâ€2 activates hepatic stellate cells and promotes nonalcoholic steatohepatitis in highâ€fat dietâ€“fed Ob/Ob mice. Hepatology, 2023, 77, 888-901.	3.6	21
2	LCN2 deficiency ameliorates doxorubicin-induced cardiomyopathy in mice. Biochemical and Biophysical Research Communications, 2022, 588, 8-14.	1.0	6
3	Tissue-specific gene expression in obese hyperglycemic mice. International Journal of Transgender Health, 2022, 15, 555-561.	1.1	2
4	Binge alcohol drinking before pregnancy is closely associated with the development of macrosomia: Korean pregnancy registry cohort. PLoS ONE, 2022, 17, e0271291.	1.1	0
5	Lipocalin-2 Deficiency Reduces Hepatic and Hippocampal Triggering Receptor Expressed on Myeloid Cells-2 Expressions in High-Fat Diet/Streptozotocin-Induced Diabetic Mice. Brain Sciences, 2022, 12, 878.	1.1	4
6	Lipocalin-2 Deficiency Reduces Oxidative Stress and Neuroinflammation and Results in Attenuation of Kainic Acid-Induced Hippocampal Cell Death. Antioxidants, 2021, 10, 100.	2.2	21
7	Skeletal Lipocalin-2 Is Associated with Iron-Related Oxidative Stress in ob/ob Mice with Sarcopenia. Antioxidants, 2021, 10, 758.	2.2	14
8	Ablation of dynamin-related protein 1 promotes diabetes-induced synaptic injury in the hippocampus. Cell Death and Disease, 2021, 12, 445.	2.7	12
9	Exendin-4 Pretreatment Attenuates Kainic Acid-Induced Hippocampal Neuronal Death. Cells, 2021, 10, 2527.	1.8	5
10	Role of Lipocalin-2 in Amyloid-Beta Oligomer-Induced Mouse Model of Alzheimerâ€™s Disease. Antioxidants, 2021, 10, 1657.	2.2	10
11	Tonicity-responsive enhancer-binding protein promotes diabetic neuroinflammation and cognitive impairment via upregulation of lipocalin-2. Journal of Neuroinflammation, 2021, 18, 278.	3.1	14
12	The Role of SHIP1 on Apoptosis and Autophagy in the Adipose Tissue of Obese Mice. International Journal of Molecular Sciences, 2020, 21, 7225.	1.8	3
13	Hypoglycemic efficacy and safety of Momordica charantia (bitter melon) in patients with type 2 diabetes mellitus. Complementary Therapies in Medicine, 2020, 52, 102524.	1.3	31
14	Genetic engineering of novel super long-acting Exendin-4 chimeric protein for effective treatment of metabolic and cognitive complications of obesity. Biomaterials, 2020, 257, 120250.	5.7	7
15	Protective Effects of Evogliptin on Steatohepatitis in High-Fat-Fed Mice. International Journal of Molecular Sciences, 2020, 21, 6743.	1.8	2
16	Alcohol consumption before pregnancy causes detrimental fetal development and maternal metabolic disorders. Scientific Reports, 2020, 10, 10054.	1.6	13
17	Long-Lasting Exendin-4 Fusion Protein Improves Memory Deficits in High-Fat Diet/Streptozotocin-Induced Diabetic Mice. Pharmaceutics, 2020, 12, 159.	2.0	20
18	Caloric restriction reverses left ventricular hypertrophy through the regulation of cardiac iron homeostasis in impaired leptin signaling mice. Scientific Reports, 2020, 10, 7176.	1.6	23

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19	Hippocampal Lipocalin 2 Is Associated With Neuroinflammation and Iron-Related Oxidative Stress in ob/ob Mice. Journal of Neuropathology and Experimental Neurology, 2020, 79, 530-541.	0.9	23
20	Caloric restriction reverses left ventricular hypertrophy through the regulation of cardiac iron homeostasis in ob/ob mice. FASEB Journal, 2020, 34, 1-1.	0.2	0
21	Effects of caloric restriction on the expression of lipocalin-2 and its receptor in the brown adipose tissue of high-fat diet-fed mice. Korean Journal of Physiology and Pharmacology, 2019, 23, 335.	0.6	9
22	Insufficient glutamine synthetase activity during synaptogenesis causes spatial memory impairment in adult mice. Scientific Reports, 2019, 9, 252.	1.6	26
23	Effects of myeloid sirtuin 1 deficiency on hypothalamic neurogranin in mice fed a high-fat diet. Biochemical and Biophysical Research Communications, 2019, 508, 123-129.	1.0	0
24	Myeloid sirtuin1 deficiency aggravates hippocampal inflammation in mice fed high-fat diets. Biochemical and Biophysical Research Communications, 2018, 499, 1025-1031.	1.0	16
25	Antidiabetic Effects of Vigna nakashimae Extract in Humans: A Preliminary Study. Journal of Alternative and Complementary Medicine, 2018, 24, 249-253.	2.1	0
26	Cilostazol attenuates kainic acid-induced hippocampal cell death. Korean Journal of Physiology and Pharmacology, 2018, 22, 63.	0.6	5
27	Effects of lobeglitazone on insulin resistance and hepatic steatosis in high-fat diet-fed mice. PLoS ONE, 2018, 13, e0200336.	1.1	9
28	Atorvastatin pretreatment attenuates kainic acid-induced hippocampal neuronal death via regulation of lipocalin-2-associated neuroinflammation. Korean Journal of Physiology and Pharmacology, 2018, 22, 301.	0.6	5
29	O-linked N-acetylglucosamine transferase enhances secretory clusterin expression via liver X receptors and sterol response element binding protein regulation in cervical cancer. Oncotarget, 2018, 9, 4625-4636.	0.8	18
30	Fermented soyâ€powder milk with Lactobacillus plantarum P1201 protects against highâ€fat dietâ€induced obesity. International Journal of Food Science and Technology, 2017, 52, 1614-1622.	1.3	9
31	Activating transcription factor 3 is a target molecule linking hepatic steatosis to impaired glucose homeostasis. Journal of Hepatology, 2017, 67, 349-359.	1.8	51
32	TonEBP/NFAT5 haploinsufficiency attenuates hippocampal inflammation in high-fat diet/streptozotocin-induced diabetic mice. Scientific Reports, 2017, 7, 7837.	1.6	19
33	Anti-diabetic Effects of Ethanol Extract from Bitter Melon in Mice Fed a High-fat Diet. Development & Reproduction, 2017, 21, 259-267.	0.1	5
34	Effects of caloric restriction on O-GlcNAcylation, Ca2+ signaling, and learning impairment in the hippocampus of ob/ob mice. Neurobiology of Aging, 2016, 44, 127-137.	1.5	36
35	Caloric restriction of db/db mice reverts hepatic steatosis and body weight with divergent hepatic metabolism. Scientific Reports, 2016, 6, 30111.	1.6	78
36	Myoferlin expression in non-small cell lung cancer: Prognostic role and correlation with VEGFR-2 expression. Oncology Letters, 2016, 11, 998-1006.	0.8	23

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37	A mitochondrial division inhibitor, Mdivi-1, inhibits mitochondrial fragmentation and attenuates kainic acid-induced hippocampal cell death. BMC Neuroscience, 2016, 17, 33.	0.8	53
38	Caloric restriction improves diabetes-induced cognitive deficits by attenuating neurogranin-associated calcium signaling in high-fat diet-fed mice. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1098-1110.	2.4	31
39	High-fat diet-induced obesity exacerbates kainic acid-induced hippocampal cell death. BMC Neuroscience, 2015, 16, 72.	0.8	22
40	Type 1 diabetes alters astrocytic properties related with neurotransmitter supply, causing abnormal neuronal activities. Brain Research, 2015, 1602, 32-43.	1.1	17
41	Protective effect of cilostazol against doxorubicin-induced cardiomyopathy in mice. Free Radical Biology and Medicine, 2015, 89, 54-61.	1.3	36
42	Resveratrol Induces Glioma Cell Apoptosis through Activation of Tristetraprolin. Molecules and Cells, 2015, 38, 991-997.	1.0	25
43	Chronic Ethanol Consumption Inhibits Glucokinase Transcriptional Activity by Atf3 and Triggers Metabolic Syndrome in Vivo. Journal of Biological Chemistry, 2014, 289, 27065-27079.	1.6	42
44	Exendin-4 Improves Nonalcoholic Fatty Liver Disease by Regulating Glucose Transporter 4 Expression in ob/ob Mice. Korean Journal of Physiology and Pharmacology, 2014, 18, 333.	0.6	23
45	Decreased interaction between FoxO3a and Akt correlates with seizure-induced neuronal death. Epilepsy Research, 2014, 108, 367-378.	0.8	26
46	Attenuation by a Vigna nakashimae extract of nonalcoholic fatty liver disease in high-fat diet-fed mice. Bioscience, Biotechnology and Biochemistry, 2014, 78, 482-489.	0.6	9
47	Salubrinal, ER stress inhibitor, attenuates kainic acid-induced hippocampal cell death. Journal of Neural Transmission, 2014, 121, 1233-1243.	1.4	43
48	Myeloid-specific deletion of SIRT1 increases hepatic steatosis and hypothalamic inflammation in mice fed a high-fat diet. Metabolic Brain Disease, 2014, 29, 635-643.	1.4	14
49	Alpha-lipoic acid attenuates adipocyte differentiation and lipid accumulation in 3T3-L1 cells via AMPK-dependent autophagy. Life Sciences, 2014, 100, 125-132.	2.0	29
50	The GABA_Breceptor associates with regulators of G-protein signaling 4 protein in the mouse prefrontal cortex and hypothalamus. BMB Reports, 2014, 47, 324-329.	1.1	17
51	The Rho-Kinase (ROCK) Inhibitor Y-27632 Protects Against Excitotoxicity-Induced Neuronal Death In Vivo and In Vitro. Neurotoxicity Research, 2013, 23, 238-248.	1.3	46
52	Glutamine deficiency in the prefrontal cortex increases depressive-like behaviours in male mice. Journal of Psychiatry and Neuroscience, 2013, 38, 183-191.	1.4	79
53	Î±â€lipoic acid prevents nonâ€alcoholic fatty liver disease in <scp>OLETF</scp> rats. Liver International, 2012, 32, 1565-1573.	1.9	44
54	Resveratrol Attenuates Obesity-Associated Peripheral and Central Inflammation and Improves Memory Deficit in Mice Fed a High-Fat Diet. Diabetes, 2012, 61, 1444-1454.	0.3	295

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55	Effect of the calcineurin inhibitor FK506 on K+â€“Clâ^' cotransporter 2 expression in the mouse hippocampus after kainic acid-induced status epilepticus. Journal of Neural Transmission, 2012, 119, 669-677.	1.4	11
56	Clusterin interaction with Bcl-xL is associated with seizure-induced neuronal death. Epilepsy Research, 2012, 99, 240-251.	0.8	14
57	Ketogenic diet-induced peroxisome proliferator-activated receptor-Î³ activation decreases neuroinflammation in the mouse hippocampus after kainic acid-induced seizures. Experimental Neurology, 2011, 232, 195-202.	2.0	120
58	Expression of pro-opiomelanocortin and agouti-related protein in the hypothalamus of caffeine-administered rats. Animal Cells and Systems, 2011, 15, 203-210.	0.8	0
59	Altered expression of sphingosine kinase 1 and sphingosine-1-phosphate receptor 1 in mouse hippocampus after kainic acid treatment. Biochemical and Biophysical Research Communications, 2010, 393, 476-480.	1.0	16
60	Adiponectin protects hippocampal neurons against kainic acid-induced excitotoxicity. Brain Research Reviews, 2009, 61, 81-88.	9.1	73
61	Temporal expression of AMP-activated protein kinase activation during the kainic acid-induced hippocampal cell death. Journal of Neural Transmission, 2009, 116, 33-40.	1.4	21
62	Curcumin attenuates the kainic acid-induced hippocampal cell death in the mice. Neuroscience Letters, 2007, 416, 49-54.	1.0	86
63	Molecular signature in asthmatic mice model lung by microarray analysis. FASEB Journal, 2007, 21, A1142.	0.2	0
64	Functional characteristics of two BKCa channel variants differentially expressed in rat brain tissues. FEBS Journal, 2000, 267, 910-918.	0.2	70