Je Kyung Seong

List of Publications by Year
in descending order

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238	6,120	87888	123424
papers	citations	38 h-index	61 g-index

248	248	248	10894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptome Analysis Reveals Nonfoamy Rather Than Foamy Plaque Macrophages Are Proinflammatory in Atherosclerotic Murine Models. Circulation Research, 2018, 123, 1127-1142.	4.5	275
2	Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. Nature Genetics, 2017, 49, 1231-1238.	21.4	216
3	Alteration of gut microbiota by vancomycin and bacitracin improves insulin resistanceviaglucagonâ€like peptide 1 in dietâ€induced obesity. FASEB Journal, 2015, 29, 2397-2411.	0.5	177
4	Hepatitis B Virus X Protein Enhances Transcriptional Activity of Hypoxia-inducible Factor-1Î± through Activation of Mitogen-activated Protein Kinase Pathway. Journal of Biological Chemistry, 2003, 278, 39076-39084.	3.4	155
5	Endoplasmic reticulum stress induces hepatic steatosis via increased expression of the hepatic very lowâ€density lipoprotein receptor. Hepatology, 2013, 57, 1366-1377.	7.3	155
6	CHIP controls necroptosis through ubiquitylation- and lysosome-dependent degradation of RIPK3. Nature Cell Biology, 2016, 18, 291-302.	10.3	139
7	Liver X receptor mediates hepatitis B virus X protein-induced lipogenesis in hepatitis B virus-associated hepatocellular carcinoma. Hepatology, 2009, 49, 1122-1131.	7.3	135
8	Proteomic analysis and molecular characterization of tissue ferritin light chain in hepatocellular carcinoma. Hepatology, 2002, 35, 1459-1466.	7.3	98
9	RORÎ± controls hepatic lipid homeostasis via negative regulation of PPARÎ³ transcriptional network. Nature Communications, 2017, 8, 162.	12.8	98
10	Sex differences in sympathetic innervation and browning of white adipose tissue of mice. Biology of Sex Differences, 2016, 7, 67.	4.1	95
11	PDX-MI: Minimal Information for Patient-Derived Tumor Xenograft Models. Cancer Research, 2017, 77, e62-e66.	0.9	92
12	The International Mouse Phenotyping Consortium (IMPC): a functional catalogue of the mammalian genome that informs conservation. Conservation Genetics, 2018, 19, 995-1005.	1.5	82
13	Skeletal muscle-specificPrmt1deletion causes muscle atrophy via deregulation of the PRMT6-FOXO3 axis. Autophagy, 2019, 15, 1069-1081.	9.1	79
14	Cyst Formation in Kidney via B-Raf Signaling in the PKD2 Transgenic Mice. Journal of Biological Chemistry, 2009, 284, 7214-7222.	3.4	73
15	Activation of microglia and induction of pro-inflammatory cytokines in the hippocampus of type 2 diabetic rats. Neurological Research, 2014, 36, 824-832.	1.3	73
16	Î²-Catenin regulates expression of cyclooxygenase-2 in articular chondrocytes. Biochemical and Biophysical Research Communications, 2002, 296, 221-226.	2.1	68
17	Differential Regulation of Estrogen Receptor Î± Expression in Breast Cancer Cells by Metastasis-Associated Protein 1. Cancer Research, 2014, 74, 1484-1494.	0.9	67
18	MTA1 is a novel regulator of autophagy that induces tamoxifen resistance in breast cancer cells. Autophagy, 2018, 14, 812-824.	9.1	67

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19	Targeted mutagenesis in mouse cells and embryos using an enhanced prime editor. Genome Biology, 2021, 22, 170.	8.8	66
20	Strain-specific differences in cell proliferation and differentiation in the dentate gyrus of C57BL/6N and C3H/HeN mice fed a high fat diet. Brain Research, 2008, 1241, 1-6.	2.2	60
21	A resource of targeted mutant mouse lines for 5,061 genes. Nature Genetics, 2021, 53, 416-419.	21.4	60
22	Identification of genetic elements in metabolism by high-throughput mouse phenotyping. Nature Communications, 2018, 9, 288.	12.8	59
23	Ahnak Protein Activates Protein Kinase C (PKC) through Dissociation of the PKC-Protein Phosphatase 2A Complex. Journal of Biological Chemistry, 2008, 283, 6312-6320.	3.4	56
24	Crucial roles of neuronatin in insulin secretion and high glucose-induced apoptosis in pancreatic Î²-cells. Cellular Signalling, 2008, 20, 907-915.	3.6	55
25	Effects of Treadmill Exercise on Cell Proliferation and Differentiation in the Subgranular Zone of the Dentate Gyrus in a Rat Model of Type II Diabetes. Neurochemical Research, 2009, 34, 1039-1046.	3.3	55
26	Chronic type 2 diabetes reduces the integrity of the blood-brain barrier by reducing tight junction proteins in the hippocampus. Journal of Veterinary Medical Science, 2016, 78, 957-962.	0.9	53
27	Hepatitis B virus X protein induced expression of interleukin 18 (IL-18): a potential mechanism for liver injury caused by hepatitis B virus (HBV) infection. Journal of Hepatology, 2002, 37, 380-386.	3.7	52
28	High glucose upregulates BACE1-mediated AÎ² production through ROS-dependent HIF-1Î± and LXRÎ±/ABCA1-regulated lipid raft reorganization in SK-N-MC cells. Scientific Reports, 2016, 6, 36746.	3.3	52
29	Loss of the E3 ubiquitin ligase MKRN1 represses diet-induced metabolic syndrome through AMPK activation. Nature Communications, 2018, 9, 3404.	12.8	50
30	Palmitic Acid-BSA enhances Amyloid-Î² production through GPR40-mediated dual pathways in neuronal cells: Involvement of the Akt/mTOR/HIF-1Î± and Akt/NF-ÎºB pathways. Scientific Reports, 2017, 7, 4335.	3.3	49
31	Single-cell analysis of gastric pre-cancerous and cancer lesions reveals cell lineage diversity and intratumoral heterogeneity. Npj Precision Oncology, 2022, 6, 9.	5.4	48
32	Deregulation of DNA methyltransferases and loss of parental methylation at the insulin-like growth factor II (Igf2)/H19 loci inp53 knockout mice prior to tumor development. Journal of Cellular Biochemistry, 2005, 94, 585-596.	2.6	45
33	Telomerase Deficiency Affects Normal Brain Functions in Mice. Neurochemical Research, 2010, 35, 211-218.	3.3	44
34	Interaction of NADPH oxidase 1 with Toll-like receptor 2 induces migration of smooth muscle cells. Cardiovascular Research, 2013, 99, 483-493.	3.8	44
35	NR1D1 Recruitment to Sites of DNA Damage Inhibits Repair and Is Associated with Chemosensitivity of Breast Cancer. Cancer Research, 2017, 77, 2453-2463.	0.9	44
36	Proteomic analysis of the cellular proteins induced by adaptive concentrations of hydrogen peroxide in human U937 cells. Experimental and Molecular Medicine, 2002, 34, 374-378.	7.7	43

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37	Anti-obesity effect of taurine through inhibition of adipogenesis in white fat tissue but not in brown fat tissue in a high-fat diet-induced obese mouse model. Amino Acids, 2019, 51, 245-254.	2.7	41
38	Myricetin Exerts Anti-Obesity Effects through Upregulation of SIRT3 in Adipose Tissue. Nutrients, 2018, 10, 1962.	4.1	40
39	Reduced Hippocampal Cell Differentiation in the Subgranular Zone of the Dentate Gyrus in a Rat Model of Type II Diabetes. Neurochemical Research, 2008, 33, 394-400.	3.3	39
40	Changes in orexin-A and neuropeptide Y expression in the hypothalamus of the fasted and high-fat diet fed rats. Journal of Veterinary Science, 2004, 5, 295.	1.3	38
41	ATF3 inhibits adipocyte differentiation of 3T3-L1 cells. Biochemical and Biophysical Research Communications, 2012, 421, 38-43.	2.1	38
42	A comparison of the metabolic effects of treadmill and wheel running exercise in mouse model. Laboratory Animal Research, 2020, 36, 3.	2.5	38
43	Proteomic analysis of dietâ€induced hypercholesterolemic mice. Proteomics, 2004, 4, 514-523.	2.2	37
44	Effects of Electroacupuncture at Zusanli and Baihui on Brain-Derived Neurotrophic Factor and Cyclic AMP Response Element-Binding Protein in the Hippocampal Dentate Gyrus. Journal of Veterinary Medical Science, 2010, 72, 1431-1436.	0.9	37
45	ADRM1 gene amplification is a candidate driver for metastatic gastric cancers. Clinical and Experimental Metastasis, 2014, 31, 727-733.	3.3	37
46	Identification of genes required for eye development by high-throughput screening of mouse knockouts. Communications Biology, 2018, 1, 236.	4.4	37
47	¹H NMR-based metabolite profiling of diet-induced obesity in a mouse mode. BMB Reports, 2012, 45, 419-424.	2.4	37
48	Notch1 binds and induces degradation of Snail in hepatocellular carcinoma. BMC Biology, 2011, 9, 83.	3.8	36
49	Comparing the Effects of Acupuncture and Electroacupuncture at Zusanli and Baihui on Cell Proliferation and Neuroblast Differentiation in the Rat Hippocampus. Journal of Veterinary Medical Science, 2010, 72, 279-284.	0.9	35
50	Ventromedial hypothalamic primary cilia control energy and skeletal homeostasis. Journal of Clinical Investigation, 2021, 131, .	8.2	35
51	Age-Related Changes in Ionized Calcium-Binding Adapter Molecule 1 Immunoreactivity and Protein Level in the Gerbil Hippocampal CA1 Region. Journal of Veterinary Medical Science, 2007, 69, 1131-1136.	0.9	34
52	Interleukin-1 Promotes Coagulation, Which Is Necessary for Protective Immunity in the Lung Against Streptococcus pneumoniae Infection. Journal of Infectious Diseases, 2013, 207, 50-60.	4.0	34
53	FoxO1 in dopaminergic neurons regulates energy homeostasis and targets tyrosine hydroxylase. Nature Communications, 2016, 7, 12733.	12.8	34
54	Adipocyte-specific Beclin1 deletion impairs lipolysis and mitochondrial integrity in adipose tissue. Molecular Metabolism, 2020, 39, 101005.	6.5	34

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55	Metformin Normalizes Type 2 Diabetes-Induced Decrease in Cell Proliferation and Neuroblast Differentiation in the Rat Dentate Gyrus. Neurochemical Research, 2010, 35, 645-650.	3.3	33
56	HBx modulates iron regulatory protein 1-mediated iron metabolism via reactive oxygen species. Virus Research, 2008, 133, 167-177.	2.2	32
57	1H NMR-based metabolomic study on resistance to diet-induced obesity in AHNAK knock-out mice. Biochemical and Biophysical Research Communications, 2010, 403, 428-434.	2.1	32
58	Effects of exerciseâ€induced apelin levels on skeletal muscle and their capillarization in type 2 diabetic rats. Muscle and Nerve, 2017, 56, 1155-1163.	2.2	32
59	Ninjurin1 Plays a Crucial Role in Pulmonary Fibrosis by Promoting Interaction between Macrophages and Alveolar Epithelial Cells. Scientific Reports, 2018, 8, 17542.	3.3	31
60	The Deep Genome Project. Genome Biology, 2020, 21, 18.	8.8	30
61	Overexpression of Hr links excessive induction of Wnt signaling to Marie Unna hereditary hypotrichosis. Human Molecular Genetics, 2010, 19, 445-453.	2.9	29
62	AHNAK deficiency promotes browning and lipolysis in mice via increased responsiveness to Î²-adrenergic signalling. Scientific Reports, 2016, 6, 23426.	3.3	29
63	Enhanced Expressions of Arginine Vasopressin (Avp) in the Hypothalamic Paraventricular and Supraoptic Nuclei of Type 2 Diabetic Rats. Neurochemical Research, 2008, 33, 833-841.	3.3	28
64	Effect of Treadmill Exercise on Interleukin-15 Expression and Glucose Tolerance in Zucker Diabetic Fatty Rats. Diabetes and Metabolism Journal, 2013, 37, 358.	4.7	28
65	High-fat diet-induced lipidome perturbations in the cortex, hippocampus, hypothalamus, and olfactory bulb of mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 980-990.	2.4	28
66	Aging-related lipidomic changes in mouse serum, kidney, and heart by nanoflow ultrahigh-performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2020, 1618, 460849.	3.7	28
67	Mouse genetics: Catalogue and scissors. BMB Reports, 2012, 45, 686-692.	2.4	28
68	Hepatitis B virus X protein modulates peroxisome proliferator-activated receptor Î³ through protein-protein interaction. FEBS Letters, 2004, 557, 73-80.	2.8	27
69	Comprehensive identification of novel postâ€translational modifications in cellular peroxiredoxin 6. Proteomics, 2012, 12, 1452-1462.	2.2	27
70	Anti-inflammatory role of 15-lipoxygenase contributes to the maintenance of skin integrity in mice. Scientific Reports, 2018, 8, 8856.	3.3	27
71	Intrinsic expression of viperin regulates thermogenesis in adipose tissues. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17419-17428.	7.1	27
72	STK3/STK4 signalling in adipocytes regulates mitophagy and energy expenditure. Nature Metabolism, 2021, 3, 428-441.	11.9	27

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73	The anti-diabetic effects of NAG-1/GDF15 on HFD/STZ-induced mice. Scientific Reports, 2021, 11, 15027.	3.3	27
74	Large Liver Cell Dysplasia in Hepatitis B Virus X Transgenic Mouse Liver and Human Chronic Hepatitis B Virus-Infected Liver. Intervirology, 2005, 48, 16-22.	2.8	26
75	Age-related Differentiation in Newly Generated DCX Immunoreactive Neurons in the Subgranular Zone of the Gerbil Dentate Gyrus. Neurochemical Research, 2008, 33, 867-872.	3.3	26
76	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. Neurochemical Research, 2017, 42, 3149-3159.	3.3	26
77	Adipogenic effects of prenatal exposure to bisphenol S (BPS) in adult F1 male mice. Science of the Total Environment, 2020, 728, 138759.	8.0	26
78	Differences in Lipid Peroxidation and Cu, Zn-Superoxide Dismutase in the Hippocampal CA1 Region Between Adult and Aged Dogs. Journal of Veterinary Medical Science, 2008, 70, 273-277.	0.9	25
79	Effects of age and treadmill exercise in chronic diabetic stages on neuroblast differentiation in a rat model of type 2 diabetes. Brain Research, 2010, 1341, 63-71.	2.2	25
80	The Chronological Characteristics of SOD1 Activity and Inflammatory Response in the Hippocampi of STZ-Induced Type 1 Diabetic Rats. Neurochemical Research, 2011, 36, 117-128.	3.3	25
81	The Preventive Effects of 8 Weeks of Resistance Training on Glucose Tolerance and Muscle Fiber Type Composition in Zucker Rats. Diabetes and Metabolism Journal, 2015, 39, 424.	4.7	25
82	Comparison of Adult Hippocampal Neurogenesis and Susceptibility to Treadmill Exercise in Nine Mouse Strains. Neural Plasticity, 2017, 2017, 1-13.	2.2	25
83	A novel peripheral cannabinoid 1 receptor antagonist, AJ5012, improves metabolic outcomes and suppresses adipose tissue inflammation in obese mice. FASEB Journal, 2019, 33, 4314-4326.	0.5	25
84	Inhibition of Pendrin by a small molecule reduces Lipopolysaccharide-induced acute Lung Injury. Theranostics, 2020, 10, 9913-9922.	10.0	25
85	AHNAK Loss in Mice Promotes Type II Pneumocyte Hyperplasia and Lung Tumor Development. Molecular Cancer Research, 2018, 16, 1287-1298.	3.4	24
86	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. Neurochemical Research, 2013, 38, 2559-2569.	3.3	23
87	Function of Ahnak protein in aortic smooth muscle cell migration through Rac activation. Cardiovascular Research, 2013, 97, 302-310.	3.8	23
88	Physical exercise ameliorates the reduction of neural stem cell, cell proliferation and neuroblast differentiation in senescent mice induced by D-galactose. BMC Neuroscience, 2014, 15, 116.	1.9	22
89	Comparison of pharmacological and genetic inhibition of cyclooxygenase-2: effects on adult neurogenesis in the hippocampal dentate gyrus. Journal of Veterinary Science, 2015, 16, 245.	1.3	22
90	Establishment and characterization of metastatic gastric cancer cell lines from murine gastric adenocarcinoma lacking Smad4, p53, and Eâ€cadherin. Molecular Carcinogenesis, 2015, 54, 1521-1527.	2.7	22

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91	Daurinol Enhances the Efficacy of Radiotherapy in Lung Cancer via Suppression of Aurora Kinase A/B Expression. Molecular Cancer Therapeutics, 2015, 14, 1693-1704.	4.1	22
92	BICD1 mediates HIF1Î± nuclear translocation in mesenchymal stem cells during hypoxia adaptation. Cell Death and Differentiation, 2019, 26, 1716-1734.	11.2	22
93	RNF20 Functions as a Transcriptional Coactivator for PPARÎ³ by Promoting NCoR1 Degradation in Adipocytes. Diabetes, 2020, 69, 20-34.	0.6	22
94	PRMT1 Is Required for the Maintenance of Mature Î²-Cell Identity. Diabetes, 2020, 69, 355-368.	0.6	22
95	Extensive identification of genes involved in congenital and structural heart disorders and cardiomyopathy. , 2022, 1, 157-173.		22
96	Transplantation of Adipose Tissue-Derived Mesenchymal Stem Cells Prevents the Development of Lupus Dermatitis. Stem Cells and Development, 2015, 24, 2041-2051.	2.1	21
97	Pharbitis Nil (PN) induces apoptosis and autophagy in lung cancer cells and autophagy inhibition enhances PN-induced apoptosis. Journal of Ethnopharmacology, 2017, 208, 253-263.	4.1	21
98	PARsylated transcription factor EB (TFEB) regulates the expression of a subset of Wnt target genes by forming a complex with Î²-catenin-TCF/LEF1. Cell Death and Differentiation, 2021, 28, 2555-2570.	11.2	21
99	Obesity Resistance and Enhanced Insulin Sensitivity in Ahnak-/- Mice Fed a High Fat Diet Are Related to Impaired Adipogenesis and Increased Energy Expenditure. PLoS ONE, 2015, 10, e0139720.	2.5	21
100	Glutamine contributes to maintenance of mouse embryonic stem cell self-renewal through PKC-dependent downregulation of HDAC1 and DNMT1/3a. Cell Cycle, 2015, 14, 3292-3305.	2.6	20
101	Improvement in neurogenesis and memory function by administration of Passiflora incarnata L. extract applied to sleep disorder in rodent models. Journal of Chemical Neuroanatomy, 2019, 98, 27-40.	2.1	20
102	Fas mutation reduces obesity by increasing IL-4 and IL-10 expression and promoting white adipose tissue browning. Scientific Reports, 2020, 10, 12001.	3.3	20
103	Regulatory mechanism of hypothalamo-pituitaryâ€“adrenal (HPA) axis and neuronal changes after adrenalectomy in type 2 diabetes. Journal of Chemical Neuroanatomy, 2010, 40, 130-139.	2.1	19
104	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. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3142-3153.	2.4	19
105	Effects of treadmill exercise on cyclooxygenase-2 in the hippocampus in type 2 diabetic rats: Correlation with the neuroblasts. Brain Research, 2010, 1341, 84-92.	2.2	18
106	<scp>A</scp>hnak stimulates <scp>BMP</scp>2â€mediated adipocyte differentiation through <scp>S</scp>mad1 activation. Obesity, 2016, 24, 398-407.	3.0	18
107	Evaluation of factors related to Anaesthesia-induced Lens opacity in experimental mice. Laboratory Animal Research, 2020, 36, 1.	2.5	18
108	Daurinol blocks breast and lung cancer metastasis and development by inhibition of focal adhesion kinase (FAK). Oncotarget, 2017, 8, 57058-57071.	1.8	18

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109	Ninjurin1 inhibits colitis-mediated colon cancer development and growth by suppression of macrophage infiltration through repression of FAK signaling. Oncotarget, 2016, 7, 29592-29604.	1.8	18
110	Mouse phenogenomics, toolbox for functional annotation of human genome. BMB Reports, 2010, 43, 79-90.	2.4	18
111	Expression of tissue-type transglutaminase (tTG) and the effect of tTG inhibitor on the hippocampal CA1 region after transient ischemia in gerbils. Brain Research, 2009, 1263, 134-142.	2.2	17
112	Korean Pine Nut Oil Attenuated Hepatic Triacylglycerol Accumulation in High-Fat Diet-Induced Obese Mice. Nutrients, 2016, 8, 59.	4.1	16
113	Newly developed method for mouse olfactory behavior tests using an automatic video tracking system. Auris Nasus Larynx, 2018, 45, 103-110.	1.2	16
114	Albumin-Like Protein is the Major Protein Constituent of Luminal Fluid in the Human Endolymphatic Sac. PLoS ONE, 2011, 6, e21656.	2.5	16
115	Evaluation of treadmill exercise effect on muscular lipid profiles of diabetic fatty rats by nanoflow liquid chromatographyâ€“tandem mass spectrometry. Scientific Reports, 2016, 6, 29617.	3.3	15
116	Tissue-Specific and De Novo Promoter Methylation of the Mouse Glucose Transporter 2. Biological and Pharmaceutical Bulletin, 2005, 28, 2054-2057.	1.4	14
117	Comparative Study on High Fat Diet-induced 4-Hydroxy-2E-nonenal Adducts in the Hippocampal CA1 Region of C57BL/6N and C3H/HeN Mice. Neurochemical Research, 2009, 34, 964-972.	3.3	14
118	Pregnancy inhibits cell proliferation and neuroblast differentiation without neuronal damage in the hippocampal dentate gyrus in C57BL/6N mice. Brain Research, 2010, 1315, 25-32.	2.2	14
119	Treadmill exercise is associated with reduction of reactive microgliosis and pro-inflammatory cytokine levels in the hippocampus of type 2 diabetic rats. Neurological Research, 2015, 37, 732-738.	1.3	14
120	Lipidomic Perturbations in Lung, Kidney, and Liver Tissues of p53 Knockout Mice Analyzed by Nanoflow UPLC-ESI-MS/MS. Journal of Proteome Research, 2016, 15, 3763-3772.	3.7	14
121	Lectin, Galactoside-Binding Soluble 3 Binding Protein Promotes 17-N-Allylamino-17-demethoxygeldanamycin Resistance through PI3K/Akt Pathway in Lung Cancer Cell Line. Molecular Cancer Therapeutics, 2017, 16, 1355-1365.	4.1	14
122	Global transcriptome analysis identifies weight regain-induced activation of adaptive immune responses in white adipose tissue of mice. International Journal of Obesity, 2018, 42, 755-764.	3.4	14
123	Metabolic dysfunction following weight regain compared to initial weight gain in a high-fat diet-induced obese mouse model. Journal of Nutritional Biochemistry, 2019, 69, 44-52.	4.2	14
124	Helicobacter apodemussp. nov., a newHelicobacterspecies identified from the gastrointestinal tract of striped field mice in Korea. Journal of Veterinary Science, 2015, 16, 475.	1.3	13
125	Treadmill exercise prevents diabetes-induced increases in lipid peroxidation and decreases in Cu,Zn-superoxide dismutase levels in the hippocampus of Zucker diabetic fatty rats. Journal of Veterinary Science, 2015, 16, 11.	1.3	13
126	Increased Cell Proliferations and Neurogenesis in the Hippocampal Dentate Gyrus of Ahnak Deficient Mice. Neurochemical Research, 2015, 40, 1457-1462.	3.3	13

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127	Reduction of adult hippocampal neurogenesis is amplified by aluminum exposure in a model of type 2 diabetes. Journal of Veterinary Science, 2016, 17, 13.	1.3	13
128	Neuronal Nitric Oxide Synthase Is a Novel Biomarker for the Interstitial Cells of Cajal in Stress-Induced Diarrhea-Dominant Irritable Bowel Syndrome. Digestive Diseases and Sciences, 2018, 63, 619-627.	2.3	13
129	Essential role of Ahnak in adipocyte differentiation leading to the transcriptional regulation of Bmpr1Î± expression. Cell Death and Disease, 2018, 9, 864.	6.3	13
130	Detrimental Role of Nerve Injury-Induced Protein 1 in Myeloid Cells under Intestinal Inflammatory Conditions. International Journal of Molecular Sciences, 2020, 21, 614.	4.1	13
131	Somatic uniparental disomy mitigates the most damaging EFL1 allele combination in Shwachman-Diamond syndrome. Blood, 2021, 138, 2117-2128.	1.4	13
132	High glucoseâ€mediated PICALM and mTORC1 modulate processing of amyloid precursor protein via endosomal abnormalities. British Journal of Pharmacology, 2020, 177, 3828-3847.	5.4	13
133	Hypothyroidism affects astrocyte and microglial morphology in type 2 diabetes. Neural Regeneration Research, 2013, 8, 2458-67.	3.0	13
134	AMPâ€activated protein kinase activation in skeletal muscle modulates exerciseâ€induced uncoupled protein 1 expression in brown adipocyte in mouse model. Journal of Physiology, 2022, 600, 2359-2376.	2.9	13
135	Glucocorticoid Receptor Changes Associate with Age in the Paraventricular Nucleus of Type II Diabetic Rat Model. Neurochemical Research, 2009, 34, 851-858.	3.3	12
136	Effects of Treadmill Exercise Combined with MK 801 Treatment on Neuroblast Differentiation in the Dentate Gyrus in Rats. Cellular and Molecular Neurobiology, 2011, 31, 285-292.	3.3	12
137	Expansion of Tfhâ€like cells during chronic Salmonella exposure mediates the generation of autoimmune hypergammaglobulinemia in MyD88â€deficient mice. European Journal of Immunology, 2012, 42, 618-628.	2.9	12
138	Strainâ€specific differential expression of astrocytes and microglia in the mouse hippocampus. Brain and Behavior, 2018, 8, e00961.	2.2	12
139	Ahnak-knockout mice show susceptibility toBartonella henselaeinfection because of CD4+ T cell inactivation and decreased cytokine secretion. BMB Reports, 2019, 52, 289-294.	2.4	12
140	Adipocyte lysoplasmalogenase TMEM86A regulates plasmalogen homeostasis and protein kinase A-dependent energy metabolism. Nature Communications, 2022, 13, .	12.8	12
141	Expression of hepatitis B virus X (HBx) gene is up-regulated by adriamycin at the post-transcriptional level. Biochemical and Biophysical Research Communications, 2002, 296, 1157-1163.	2.1	11
142	Synchrotron Radiation Imaging of Internal Structures in Live Animals. Yonsei Medical Journal, 2002, 43, 25.	2.2	11
143	Changes in Glial Fibrillary Acidic Protein Immunoreactivity in the Detate Gyrus and Hippocampus Proper of Adult and Aged Dogs. Journal of Veterinary Medical Science, 2008, 70, 965-969.	0.9	11
144	Hepatitis B virus X increases immune cell recruitment by induction of chemokine SDFâ€1. FEBS Letters, 2014, 588, 733-739.	2.8	11

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145	Postnatal changes in glucose transporter 3 expression in the dentate gyrus of the C57BL/6 mouse model. Laboratory Animal Research, 2016, 32, 1.	2.5	11
146	Global Changes in Lipid Profiles of Mouse Cortex, Hippocampus, and Hypothalamus Upon p53 Knockout. Scientific Reports, 2016, 6, 36510.	3.3	11
147	Glucose-regulated protein 78 binds to and regulates the melanocortin-4 receptor. Experimental and Molecular Medicine, 2018, 50, 1-14.	7.7	11
148	Depletion of Adipocyte Becn1 Leads to Lipodystrophy and Metabolic Dysregulation. Diabetes, 2021, 70, 182-195.	0.6	11
149	Metagenomic Analysis of the Gut Microbiota of Wild Mice, a Newly Identified Reservoir of Campylobacter. Frontiers in Cellular and Infection Microbiology, 2020, 10, 596149.	3.9	11
150	Effect of Acupuncture in the Treatment of Young Pigs with Induced Escherichia coli Diarrhea. Journal of Veterinary Science, 2003, 4, 125.	1.3	11
151	REEP6 knockout leads to defective Î²-adrenergic signaling in adipocytes and promotes obesity-related metabolic dysfunction.. Metabolism: Clinical and Experimental, 2022, 130, 155159.	3.4	11
152	Proteomic and transcriptomic analysis of interleukin-1ÃŸ treated lung carcinoma cell line. Proteomics, 2003, 3, 2454-2471.	2.2	10
153	Changes in Orexin-A and Neuropeptide Y Expression in the Hypothalamus of Obese and Lean Zucker Diabetic Fatty Rats. Journal of Veterinary Medical Science, 2005, 67, 639-646.	0.9	10
154	Doublecortin-Immunoreactive Neuronal Precursors in the Dentate Gyrus of Spontaneously Hypertensive Rats at Various Age Stages: Comparison with Sprague-Dawley Rats. Journal of Veterinary Medical Science, 2008, 70, 373-377.	0.9	10
155	Effects of High Cholesterol Diet on Newly Generated Cells in the Dentate Gyrus of C57BL/6N and C3H/HeN Mice. Journal of Veterinary Medical Science, 2009, 71, 753-758.	0.9	10
156	Effects of hypothyroidism on cell proliferation and neuroblasts in the hippocampal dentate gyrus in a rat model of type 2 diabetes. Anatomy and Cell Biology, 2010, 43, 185.	1.0	10
157	Effect of Treadmill Exercise on Blood Glucose, Serum Corticosterone Levels and Glucocorticoid Receptor Immunoreactivity in the Hippocampus in Chronic Diabetic Rats. Neurochemical Research, 2011, 36, 281-287.	3.3	10
158	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. Cellular and Molecular Neurobiology, 2016, 36, 57-67.	3.3	10
159	Complete Genome Sequencing and Comparative Genomic Analysis of Helicobacter Apodemus Isolated From the Wild Korean Striped Field Mouse (Apodemus agrarius) for Potential Pathogenicity. Frontiers in Pharmacology, 2018, 9, 838.	3.5	10
160	1,7â€Bis(4â€hydroxyphenyl)â€4â€heptenâ€3â€one from Betula platyphylla induces apoptosis by suppressing autophagy flux and activating the p38 pathway in lung cancer cells. Phytotherapy Research, 2020, 34, 126-138.	5.8	10
161	High-throughput discovery of genetic determinants of circadian misalignment. PLoS Genetics, 2020, 16, e1008577.	3.5	10
162	Peptides Derived From S and N Proteins of Severe Acute Respiratory Syndrome Coronavirus 2 Induce T Cell Responses: A Proof of Concept for T Cell Vaccines. Frontiers in Microbiology, 2021, 12, 732450.	3.5	10

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