

Je Kyung Seong

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

231
papers

4,240
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52
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248
ext. papers

5,246
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
231	Transcriptome Analysis Reveals Nonfoamy Rather Than Foamy Plaque Macrophages Are Proinflammatory in Atherosclerotic Murine Models. <i>Circulation Research</i> , 2018 , 123, 1127-1142	15.7	153
230	Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. <i>Nature Genetics</i> , 2017 , 49, 1231-1238	36.3	145
229	Hepatitis B virus X protein enhances transcriptional activity of hypoxia-inducible factor-1alpha through activation of mitogen-activated protein kinase pathway. <i>Journal of Biological Chemistry</i> , 2003 , 278, 39076-84	5.4	137
228	Alteration of gut microbiota by vancomycin and bacitracin improves insulin resistance via glucagon-like peptide 1 in diet-induced obesity. <i>FASEB Journal</i> , 2015 , 29, 2397-411	0.9	136
227	Endoplasmic reticulum stress induces hepatic steatosis via increased expression of the hepatic very low-density lipoprotein receptor. <i>Hepatology</i> , 2013 , 57, 1366-77	11.2	128
226	Liver X receptor mediates hepatitis B virus X protein-induced lipogenesis in hepatitis B virus-associated hepatocellular carcinoma. <i>Hepatology</i> , 2009 , 49, 1122-31	11.2	114
225	CHIP controls necroptosis through ubiquitylation- and lysosome-dependent degradation of RIPK3. <i>Nature Cell Biology</i> , 2016 , 18, 291-302	23.4	93
224	Proteomic analysis and molecular characterization of tissue ferritin light chain in hepatocellular carcinoma. <i>Hepatology</i> , 2002 , 35, 1459-66	11.2	83
223	Sex differences in sympathetic innervation and browning of white adipose tissue of mice. <i>Biology of Sex Differences</i> , 2016 , 7, 67	9.3	67
222	PDX-MI: Minimal Information for Patient-Derived Tumor Xenograft Models. <i>Cancer Research</i> , 2017 , 77, e62-e66	10.1	65
221	ROR α controls hepatic lipid homeostasis via negative regulation of PPAR α transcriptional network. <i>Nature Communications</i> , 2017 , 8, 162	17.4	63
220	Cyst formation in kidney via B-Raf signaling in the PKD2 transgenic mice. <i>Journal of Biological Chemistry</i> , 2009 , 284, 7214-22	5.4	63
219	Beta-catenin regulates expression of cyclooxygenase-2 in articular chondrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 296, 221-6	3.4	60
218	Differential regulation of estrogen receptor α expression in breast cancer cells by metastasis-associated protein 1. <i>Cancer Research</i> , 2014 , 74, 1484-94	10.1	57
217	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. <i>Neurochemical Research</i> , 2009 , 34, 1039-46	4.6	54
216	Ahnak protein activates protein kinase C (PKC) through dissociation of the PKC-protein phosphatase 2A complex. <i>Journal of Biological Chemistry</i> , 2008 , 283, 6312-20	5.4	52
215	Strain-specific differences in cell proliferation and differentiation in the dentate gyrus of C57BL/6N and C3H/HeN mice fed a high fat diet. <i>Brain Research</i> , 2008 , 1241, 1-6	3.7	50

214	MTA1 is a novel regulator of autophagy that induces tamoxifen resistance in breast cancer cells. <i>Autophagy</i> , 2018 , 14, 812-824	10.2	49
213	Identification of genetic elements in metabolism by high-throughput mouse phenotyping. <i>Nature Communications</i> , 2018 , 9, 288	17.4	48
212	Activation of microglia and induction of pro-inflammatory cytokines in the hippocampus of type 2 diabetic rats. <i>Neurological Research</i> , 2014 , 36, 824-32	2.7	48
211	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. <i>Journal of Hepatology</i> , 2002 , 37, 380-6	13.4	47
210	High glucose upregulates BACE1-mediated A β production through ROS-dependent HIF-1 α and LXR β /ABCA1-regulated lipid raft reorganization in SK-N-MC cells. <i>Scientific Reports</i> , 2016 , 6, 36746	4.9	46
209	Crucial roles of neuronatin in insulin secretion and high glucose-induced apoptosis in pancreatic beta-cells. <i>Cellular Signalling</i> , 2008 , 20, 907-15	4.9	46
208	Deregulation of DNA methyltransferases and loss of parental methylation at the insulin-like growth factor II (Igf2)/H19 loci in p53 knockout mice prior to tumor development. <i>Journal of Cellular Biochemistry</i> , 2005 , 94, 585-96	4.7	44
207	The International Mouse Phenotyping Consortium (IMPC): a functional catalogue of the mammalian genome that informs conservation. <i>Conservation Genetics</i> , 2018 , 19, 995-1005	2.6	44
206	Telomerase deficiency affects normal brain functions in mice. <i>Neurochemical Research</i> , 2010 , 35, 211-8	4.6	39
205	Chronic type 2 diabetes reduces the integrity of the blood-brain barrier by reducing tight junction proteins in the hippocampus. <i>Journal of Veterinary Medical Science</i> , 2016 , 78, 957-62	1.1	38
204	Interaction of NADPH oxidase 1 with Toll-like receptor 2 induces migration of smooth muscle cells. <i>Cardiovascular Research</i> , 2013 , 99, 483-93	9.9	37
203	Effects of electroacupuncture at Zusanli and Baihui on brain-derived neurotrophic factor and cyclic AMP response element-binding protein in the hippocampal dentate gyrus. <i>Journal of Veterinary Medical Science</i> , 2010 , 72, 1431-6	1.1	36
202	Reduced hippocampal cell differentiation in the subgranular zone of the dentate gyrus in a rat model of type II diabetes. <i>Neurochemical Research</i> , 2008 , 33, 394-400	4.6	36
201	Proteomic analysis of diet-induced hypercholesterolemic mice. <i>Proteomics</i> , 2004 , 4, 514-23	4.8	35
200	Skeletal muscle-specific Prmt1 deletion causes muscle atrophy via deregulation of the PRMT6-FOXO3 axis. <i>Autophagy</i> , 2019 , 15, 1069-1081	10.2	35
199	Loss of the E3 ubiquitin ligase MKRN1 represses diet-induced metabolic syndrome through AMPK activation. <i>Nature Communications</i> , 2018 , 9, 3404	17.4	34
198	Proteomic analysis of the cellular proteins induced by adaptive concentrations of hydrogen peroxide in human U937 cells. <i>Experimental and Molecular Medicine</i> , 2002 , 34, 374-8	12.8	33
197	¹ H NMR-based metabolite profiling of diet-induced obesity in a mouse model. <i>BMB Reports</i> , 2012 , 45, 419-24	5.5	32

196	Notch1 binds and induces degradation of Snail in hepatocellular carcinoma. <i>BMC Biology</i> , 2011 , 9, 83	7.3	31
195	Age-related changes in ionized calcium-binding adapter molecule 1 immunoreactivity and protein level in the gerbil hippocampal CA1 region. <i>Journal of Veterinary Medical Science</i> , 2007 , 69, 1131-6	1.1	31
194	Changes in orexin-A and neuropeptide Y expression in the hypothalamus of the fasted and high-fat diet fed rats. <i>Journal of Veterinary Science</i> , 2004 , 5, 295	1.6	31
193	¹ H NMR-based metabolomic study on resistance to diet-induced obesity in AHNAK knock-out mice. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 403, 428-34	3.4	30
192	Comparing the effects of acupuncture and electroacupuncture at Zusanli and Baihui on cell proliferation and neuroblast differentiation in the rat hippocampus. <i>Journal of Veterinary Medical Science</i> , 2010 , 72, 279-84	1.1	30
191	ADRM1 gene amplification is a candidate driver for metastatic gastric cancers. <i>Clinical and Experimental Metastasis</i> , 2014 , 31, 727-33	4.7	28
190	Palmitic Acid-BSA enhances Amyloid- β production through GPR40-mediated dual pathways in neuronal cells: Involvement of the Akt/mTOR/HIF-1 α and Akt/NF- κ B pathways. <i>Scientific Reports</i> , 2017 , 7, 4335	4.9	28
189	Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against <i>Streptococcus pneumoniae</i> infection. <i>Journal of Infectious Diseases</i> , 2013 , 207, 50-60	7	28
188	ATF3 inhibits adipocyte differentiation of 3T3-L1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 421, 38-43	3.4	26
187	Hepatitis B virus X protein modulates peroxisome proliferator-activated receptor gamma through protein-protein interaction. <i>FEBS Letters</i> , 2004 , 557, 73-80	3.8	26
186	FoxO1 in dopaminergic neurons regulates energy homeostasis and targets tyrosine hydroxylase. <i>Nature Communications</i> , 2016 , 7, 12733	17.4	25
185	Effect of treadmill exercise on interleukin-15 expression and glucose tolerance in Zucker diabetic Fatty rats. <i>Diabetes and Metabolism Journal</i> , 2013 , 37, 358-64	5	25
184	Enhanced expressions of arginine vasopressin (Avp) in the hypothalamic paraventricular and supraoptic nuclei of type 2 diabetic rats. <i>Neurochemical Research</i> , 2008 , 33, 833-41	4.6	25
183	Mouse genetics: catalogue and scissors. <i>BMB Reports</i> , 2012 , 45, 686-92	5.5	25
182	Overexpression of Hr links excessive induction of Wnt signaling to Marie Unna hereditary hypotrichosis. <i>Human Molecular Genetics</i> , 2010 , 19, 445-53	5.6	24
181	Effects of age and treadmill exercise in chronic diabetic stages on neuroblast differentiation in a rat model of type 2 diabetes. <i>Brain Research</i> , 2010 , 1341, 63-71	3.7	24
180	HBx modulates iron regulatory protein 1-mediated iron metabolism via reactive oxygen species. <i>Virus Research</i> , 2008 , 133, 167-77	6.4	24
179	Age-related differentiation in newly generated DCX immunoreactive neurons in the subgranular zone of the gerbil dentate gyrus. <i>Neurochemical Research</i> , 2008 , 33, 867-72	4.6	24

178	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. <i>Amino Acids</i> , 2019 , 51, 245-254	3.5	24
177	Myricetin Exerts Anti-Obesity Effects through Upregulation of SIRT3 in Adipose Tissue. <i>Nutrients</i> , 2018 , 10,	6.7	24
176	Comprehensive identification of novel post-translational modifications in cellular peroxiredoxin 6. <i>Proteomics</i> , 2012 , 12, 1452-62	4.8	23
175	Metformin normalizes type 2 diabetes-induced decrease in cell proliferation and neuroblast differentiation in the rat dentate gyrus. <i>Neurochemical Research</i> , 2010 , 35, 645-50	4.6	23
174	Differences in lipid peroxidation and Cu,Zn-superoxide dismutase in the hippocampal CA1 region between adult and aged dogs. <i>Journal of Veterinary Medical Science</i> , 2008 , 70, 273-7	1.1	23
173	Large liver cell dysplasia in hepatitis B virus x transgenic mouse liver and human chronic hepatitis B virus-infected liver. <i>Intervirolgy</i> , 2005 , 48, 16-22	2.5	23
172	A resource of targeted mutant mouse lines for 5,061 genes. <i>Nature Genetics</i> , 2021 , 53, 416-419	36.3	22
171	Effects of exercise-induced apelin levels on skeletal muscle and their capillarization in type 2 diabetic rats. <i>Muscle and Nerve</i> , 2017 , 56, 1155-1163	3.4	21
170	The Preventive Effects of 8 Weeks of Resistance Training on Glucose Tolerance and Muscle Fiber Type Composition in Zucker Rats. <i>Diabetes and Metabolism Journal</i> , 2015 , 39, 424-33	5	21
169	NR1D1 Recruitment to Sites of DNA Damage Inhibits Repair and Is Associated with Chemosensitivity of Breast Cancer. <i>Cancer Research</i> , 2017 , 77, 2453-2463	10.1	20
168	Function of Ahnak protein in aortic smooth muscle cell migration through Rac activation. <i>Cardiovascular Research</i> , 2013 , 97, 302-10	9.9	20
167	The chronological characteristics of SOD1 activity and inflammatory response in the hippocampi of STZ-induced type 1 diabetic rats. <i>Neurochemical Research</i> , 2011 , 36, 117-28	4.6	20
166	Identification of genes required for eye development by high-throughput screening of mouse knockouts. <i>Communications Biology</i> , 2018 , 1, 236	6.7	20
165	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	3.2	19
164	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	4	18
163	Daurinol Enhances the Efficacy of Radiotherapy in Lung Cancer via Suppression of Aurora Kinase A/B Expression. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 1693-704	6.1	18
162	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, 2559-69	4.6	18
161	Establishment and characterization of metastatic gastric cancer cell lines from murine gastric adenocarcinoma lacking Smad4, p53, and E-cadherin. <i>Molecular Carcinogenesis</i> , 2015 , 54, 1521-7	5	17

160	Glutamine contributes to maintenance of mouse embryonic stem cell self-renewal through PKC-dependent downregulation of HDAC1 and DNMT1/3a. <i>Cell Cycle</i> , 2015 , 14, 3292-305	4.7	17
159	Anti-inflammatory role of 15-lipoxygenase contributes to the maintenance of skin integrity in mice. <i>Scientific Reports</i> , 2018 , 8, 8856	4.9	17
158	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, 245-51	1.6	17
157	Mouse phenogenomics, toolbox for functional annotation of human genome. <i>BMB Reports</i> , 2010 , 43, 79-90	5.5	17
156	Targeted mutagenesis in mouse cells and embryos using an enhanced prime editor. <i>Genome Biology</i> , 2021 , 22, 170	18.3	17
155	A novel peripheral cannabinoid 1 receptor antagonist, AJ5012, improves metabolic outcomes and suppresses adipose tissue inflammation in obese mice. <i>FASEB Journal</i> , 2019 , 33, 4314-4326	0.9	17
154	High-fat diet-induced lipidome perturbations in the cortex, hippocampus, hypothalamus, and olfactory bulb of mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 980-990	5	17
153	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	4.6	16
152	Transplantation of Adipose Tissue-Derived Mesenchymal Stem Cells Prevents the Development of Lupus Dermatitis. <i>Stem Cells and Development</i> , 2015 , 24, 2041-51	4.4	16
151	Expression of tissue-type transglutaminase (tTG) and the effect of tTG inhibitor on the hippocampal CA1 region after transient ischemia in gerbils. <i>Brain Research</i> , 2009 , 1263, 134-42	3.7	16
150	AHNAK deficiency promotes browning and lipolysis in mice via increased responsiveness to Adrenergic signalling. <i>Scientific Reports</i> , 2016 , 6, 23426	4.9	16
149	Pharbitis Nil (PN) induces apoptosis and autophagy in lung cancer cells and autophagy inhibition enhances PN-induced apoptosis. <i>Journal of Ethnopharmacology</i> , 2017 , 208, 253-263	5	15
148	Regulatory mechanism of hypothalamo-pituitary-adrenal (HPA) axis and neuronal changes after adrenalectomy in type 2 diabetes. <i>Journal of Chemical Neuroanatomy</i> , 2010 , 40, 130-9	3.2	15
147	Effects of treadmill exercise on cyclooxygenase-2 in the hippocampus in type 2 diabetic rats: correlation with the neuroblasts. <i>Brain Research</i> , 2010 , 1341, 84-92	3.7	15
146	Ninjurin1 Plays a Crucial Role in Pulmonary Fibrosis by Promoting Interaction between Macrophages and Alveolar Epithelial Cells. <i>Scientific Reports</i> , 2018 , 8, 17542	4.9	15
145	Adipocyte-specific Beclin1 deletion impairs lipolysis and mitochondrial integrity in adipose tissue. <i>Molecular Metabolism</i> , 2020 , 39, 101005	8.8	14
144	Comparison of Adult Hippocampal Neurogenesis and Susceptibility to Treadmill Exercise in Nine Mouse Strains. <i>Neural Plasticity</i> , 2017 , 2017, 5863258	3.3	14
143	Tissue-specific and de novo promoter methylation of the mouse glucose transporter 2. <i>Biological and Pharmaceutical Bulletin</i> , 2005 , 28, 2054-7	2.3	14

142	Albumin-like protein is the major protein constituent of luminal fluid in the human endolymphatic sac. <i>PLoS ONE</i> , 2011 , 6, e21656	3.7	14
141	Obesity Resistance and Enhanced Insulin Sensitivity in Ahnak ^{-/-} Mice Fed a High Fat Diet Are Related to Impaired Adipogenesis and Increased Energy Expenditure. <i>PLoS ONE</i> , 2015 , 10, e0139720	3.7	14
140	Lipidomic Perturbations in Lung, Kidney, and Liver Tissues of p53 Knockout Mice Analyzed by Nanoflow UPLC-ESI-MS/MS. <i>Journal of Proteome Research</i> , 2016 , 15, 3763-3772	5.6	14
139	A comparison of the metabolic effects of treadmill and wheel running exercise in mouse model. <i>Laboratory Animal Research</i> , 2020 , 36, 3	1.9	13
138	Intrinsic expression of viperin regulates thermogenesis in adipose tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17419-17428	11.5	13
137	Comparative study on high fat diet-induced 4-hydroxy-2E-nonenal adducts in the hippocampal CA1 region of C57BL/6N and C3H/HeN mice. <i>Neurochemical Research</i> , 2009 , 34, 964-72	4.6	13
136	Daurinol blocks breast and lung cancer metastasis and development by inhibition of focal adhesion kinase (FAK). <i>Oncotarget</i> , 2017 , 8, 57058-57071	3.3	13
135	Hypothyroidism affects astrocyte and microglial morphology in type 2 diabetes. <i>Neural Regeneration Research</i> , 2013 , 8, 2458-67	4.5	13
134	Korean Pine Nut Oil Attenuated Hepatic Triacylglycerol Accumulation in High-Fat Diet-Induced Obese Mice. <i>Nutrients</i> , 2016 , 8,	6.7	13
133	Ahnak stimulates BMP2-mediated adipocyte differentiation through Smad1 activation. <i>Obesity</i> , 2016 , 24, 398-407	8	13
132	AHNAK Loss in Mice Promotes Type II Pneumocyte Hyperplasia and Lung Tumor Development. <i>Molecular Cancer Research</i> , 2018 , 16, 1287-1298	6.6	13
131	Pregnancy inhibits cell proliferation and neuroblast differentiation without neuronal damage in the hippocampal dentate gyrus in C57BL/6N mice. <i>Brain Research</i> , 2010 , 1315, 25-32	3.7	12
130	Ninjurin1 inhibits colitis-mediated colon cancer development and growth by suppression of macrophage infiltration through repression of FAK signaling. <i>Oncotarget</i> , 2016 , 7, 29592-604	3.3	12
129	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, 13-20	1.6	12
128	BICD1 mediates HIF1 α nuclear translocation in mesenchymal stem cells during hypoxia adaptation. <i>Cell Death and Differentiation</i> , 2019 , 26, 1716-1734	12.7	12
127	Metabolic dysfunction following weight regain compared to initial weight gain in a high-fat diet-induced obese mouse model. <i>Journal of Nutritional Biochemistry</i> , 2019 , 69, 44-52	6.3	11
126	Improvement in neurogenesis and memory function by administration of Passiflora incarnata L. extract applied to sleep disorder in rodent models. <i>Journal of Chemical Neuroanatomy</i> , 2019 , 98, 27-40	3.2	11
125	Global transcriptome analysis identifies weight regain-induced activation of adaptive immune responses in white adipose tissue of mice. <i>International Journal of Obesity</i> , 2018 , 42, 755-764	5.5	11

124	Evaluation of treadmill exercise effect on muscular lipid profiles of diabetic fatty rats by nanoflow liquid chromatography-tandem mass spectrometry. <i>Scientific Reports</i> , 2016 , 6, 29617	4.9	11
123	Treadmill exercise is associated with reduction of reactive microgliosis and pro-inflammatory cytokine levels in the hippocampus of type 2 diabetic rats. <i>Neurological Research</i> , 2015 , 37, 732-8	2.7	11
122	Glucocorticoid receptor changes associate with age in the paraventricular nucleus of type II diabetic rat model. <i>Neurochemical Research</i> , 2009 , 34, 851-8	4.6	11
121	Changes in glial fibrillary acidic protein immunoreactivity in the dentate gyrus and hippocampus proper of adult and aged dogs. <i>Journal of Veterinary Medical Science</i> , 2008 , 70, 965-9	1.1	11
120	RNF20 Functions as a Transcriptional Coactivator for PPAR α by Promoting NCoR1 Degradation in Adipocytes. <i>Diabetes</i> , 2020 , 69, 20-34	0.9	11
119	Adipogenic effects of prenatal exposure to bisphenol S (BPS) in adult F1 male mice. <i>Science of the Total Environment</i> , 2020 , 728, 138759	10.2	10
118	Hepatitis B virus X increases immune cell recruitment by induction of chemokine SDF-1. <i>FEBS Letters</i> , 2014 , 588, 733-9	3.8	10
117	<i>Helicobacter apodemus</i> sp. nov., a new <i>Helicobacter</i> species identified from the gastrointestinal tract of striped field mice in Korea. <i>Journal of Veterinary Science</i> , 2015 , 16, 475-81	1.6	10
116	Expansion of Tfh-like cells during chronic <i>Salmonella</i> exposure mediates the generation of autoimmune hypergammaglobulinemia in MyD88-deficient mice. <i>European Journal of Immunology</i> , 2012 , 42, 618-28	6.1	10
115	Effects of treadmill exercise combined with MK 801 treatment on neuroblast differentiation in the dentate gyrus in rats. <i>Cellular and Molecular Neurobiology</i> , 2011 , 31, 285-92	4.6	10
114	Effect of treadmill exercise on blood glucose, serum corticosterone levels and glucocorticoid receptor immunoreactivity in the hippocampus in chronic diabetic rats. <i>Neurochemical Research</i> , 2011 , 36, 281-7	4.6	10
113	Effects of hypothyroidism on cell proliferation and neuroblasts in the hippocampal dentate gyrus in a rat model of type 2 diabetes. <i>Anatomy and Cell Biology</i> , 2010 , 43, 185-93	1.4	10
112	Synchrotron radiation imaging of internal structures in live animals. <i>Yonsei Medical Journal</i> , 2002 , 43, 25-30	3	10
111	Proteomic and transcriptomic analysis of interleukin-1beta treated lung carcinoma cell line. <i>Proteomics</i> , 2003 , 3, 2454-71	4.8	10
110	Expression of hepatitis B virus X (HBx) gene is up-regulated by adriamycin at the post-transcriptional level. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 296, 1157-63	3.4	10
109	Postnatal changes in glucose transporter 3 expression in the dentate gyrus of the C57BL/6 mouse model. <i>Laboratory Animal Research</i> , 2016 , 32, 1-7	1.9	10
108	High-throughput discovery of genetic determinants of circadian misalignment. <i>PLoS Genetics</i> , 2020 , 16, e1008577	6	9
107	Strain-specific differential expression of astrocytes and microglia in the mouse hippocampus. <i>Brain and Behavior</i> , 2018 , 8, e00961	3.4	9

106	Newly developed method for mouse olfactory behavior tests using an automatic video tracking system. <i>Auris Nasus Larynx</i> , 2018 , 45, 103-110	2.2	9
105	Electroacupuncture at the Zusanli and Baihui acupoints ameliorates type-2 diabetes-induced reductions in proliferating cells and differentiated neuroblasts in the hippocampal dentate gyrus with increasing brain-derived neurotrophic factor levels. <i>Journal of Veterinary Medical Science</i> , 2015 , 77, 167-73	1.1	9
104	Increased Cell Proliferations and Neurogenesis in the Hippocampal Dentate Gyrus of Ahnak Deficient Mice. <i>Neurochemical Research</i> , 2015 , 40, 1457-62	4.6	9
103	Identification of apolipoproteinA1 reduction in the polycystic kidney by proteomics analysis of the Mxi1-deficient mouse. <i>Proteomics</i> , 2009 , 9, 3824-32	4.8	9
102	Effects of methimazole on the onset of type 2 diabetes in leptin receptor-deficient rats. <i>Journal of Veterinary Medical Science</i> , 2009 , 71, 275-80	1.1	9
101	Effects of high cholesterol diet on newly generated cells in the dentate gyrus of C57BL/6N and C3H/HeN mice. <i>Journal of Veterinary Medical Science</i> , 2009 , 71, 753-8	1.1	9
100	Doublecortin-immunoreactive neuronal precursors in the dentate gyrus of spontaneously hypertensive rats at various age stages: comparison with Sprague-Dawley rats. <i>Journal of Veterinary Medical Science</i> , 2008 , 70, 373-7	1.1	9
99	PRMT1 Is Required for the Maintenance of Mature ECell Identity. <i>Diabetes</i> , 2020 , 69, 355-368	0.9	9
98	Aging-related lipidomic changes in mouse serum, kidney, and heart by nanoflow ultrahigh-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1618, 460849	4.5	9
97	Inhibition of Pendrin by a small molecule reduces Lipopolysaccharide-induced acute Lung Injury. <i>Theranostics</i> , 2020 , 10, 9913-9922	12.1	9
96	Global Changes in Lipid Profiles of Mouse Cortex, Hippocampus, and Hypothalamus Upon p53 Knockout. <i>Scientific Reports</i> , 2016 , 6, 36510	4.9	9
95	Neuronal Nitric Oxide Synthase Is a Novel Biomarker for the Interstitial Cells of Cajal in Stress-Induced Diarrhea-Dominant Irritable Bowel Syndrome. <i>Digestive Diseases and Sciences</i> , 2018 , 63, 619-627	4	8
94	Immunoreactivities and levels of mineralocorticoid and glucocorticoid receptors in the hippocampal CA1 region and dentate gyrus of adult and aged dogs. <i>Neurochemical Research</i> , 2008 , 33, 562-8	4.6	8
93	Effect of Acupuncture in the Treatment of Young Pigs with Induced Escherichia coli Diarrhea. <i>Journal of Veterinary Science</i> , 2003 , 4, 125	1.6	8
92	Glucose-regulated protein 78 binds to and regulates the melanocortin-4 receptor. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1-14	12.8	8
91	Ventromedial hypothalamic primary cilia control energy and skeletal homeostasis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	8
90	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	4.6	7
89	Lipidomic analysis of skeletal muscle tissues of p53 knockout mice by nUPLC-ESI-MS/MS. <i>Scientific Reports</i> , 2017 , 7, 3302	4.9	7

88	Evaluation of factors related to Anaesthesia-induced Lens opacity in experimental mice. <i>Laboratory Animal Research</i> , 2020 , 36, 1	1.9	7
87	Lipid alterations in the skeletal muscle tissues of mice after weight regain by feeding a high-fat diet using nanoflow ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1141, 122022	3.2	7
86	Identification of the responsible proteins for increased selenium bioavailability in the brain of transgenic rats overexpressing selenoprotein M. <i>International Journal of Molecular Medicine</i> , 2014 , 34, 1688-98	4.4	7
85	Changes in orexin-A and neuropeptide y expression in the hypothalamus of obese and lean Zucker Diabetic Fatty rats. <i>Journal of Veterinary Medical Science</i> , 2005 , 67, 639-46	1.1	7
84	Fas mutation reduces obesity by increasing IL-4 and IL-10 expression and promoting white adipose tissue browning. <i>Scientific Reports</i> , 2020 , 10, 12001	4.9	7
83	Complete Genome Sequencing and Comparative Genomic Analysis of Isolated From the Wild Korean Striped Field Mouse) for Potential Pathogenicity. <i>Frontiers in Pharmacology</i> , 2018 , 9, 838	5.6	7
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