

# Je Kyung Seong

## List of Publications by Year in Descending Order

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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  
citations

33  
h-index

52  
g-index

248  
ext. papers

5,246  
ext. citations

5.4  
avg, IF

5.19  
L-index

#	Paper	IF	Citations
231	Single-cell analysis of gastric pre-cancerous and cancer lesions reveals cell lineage diversity and intratumoral heterogeneity.. <i>Npj Precision Oncology</i> , <b>2022</b> , 6, 9	9.8	1
230	REEP6 knockout leads to defective βadrenergic signaling in adipocytes and promotes obesity-related metabolic dysfunction.. <i>Metabolism: Clinical and Experimental</i> , <b>2022</b> , 155159	12.7	1
229	Extensive identification of genes involved in congenital and structural heart disorders and cardiomyopathy <b>2022</b> , 1, 157-173		2
228	Aerobic exercise for eight weeks provides protective effects towards liver and cardiometabolic health and adipose tissue remodeling under metabolic stress for one week: A study in mice.. <i>Metabolism: Clinical and Experimental</i> , <b>2022</b> , 155178	12.7	1
227	YAP-dependent Wnt5a induction in hypertrophic adipocytes restrains adiposity.. <i>Cell Death and Disease</i> , <b>2022</b> , 13, 407	9.8	1
226	Exercise-induced beige adipogenesis of iWAT in Cidea reporter mice. <i>BMB Reports</i> , <b>2022</b> , 55, 187-191	5.5	
225	Ethanol extract of <i>Pharbitis nil</i> ameliorates liver fibrosis through regulation of the TGFβ-SMAD2/3 pathway.. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 115370	5	1
224	A novel role of CRTCL2 in promoting nonalcoholic fatty liver disease. <i>Molecular Metabolism</i> , <b>2021</b> , 1014028.8		0
223	STK3/STK4 signalling in adipocytes regulates mitophagy and energy expenditure. <i>Nature Metabolism</i> , <b>2021</b> , 3, 428-441	14.6	6
222	PARsylated transcription factor EB (TFEB) regulates the expression of a subset of Wnt target genes by forming a complex with βcatenin-TCF/LEF1. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 2555-2570	12.7	5
221	Ahnak deficiency attenuates high-fat diet-induced fatty liver in mice through FGF21 induction. <i>Experimental and Molecular Medicine</i> , <b>2021</b> , 53, 468-482	12.8	3
220	A resource of targeted mutant mouse lines for 5,061 genes. <i>Nature Genetics</i> , <b>2021</b> , 53, 416-419	36.3	22
219	Overexpression of translationally controlled tumor protein ameliorates metabolic imbalance and increases energy expenditure in mice. <i>International Journal of Obesity</i> , <b>2021</b> , 45, 1576-1587	5.5	0
218	Depletion of in Adipocytes Impairs Glucose Homeostasis in Diet-Induced Obesity. <i>Diabetes</i> , <b>2021</b> , 70, 1664-1678	0.9	1
217	TM4SF5 Knockout Protects Mice From Diet-Induced Obesity Partly by Regulating Autophagy in Adipose Tissue. <i>Diabetes</i> , <b>2021</b> , 70, 2000-2013	0.9	3
216	Somatic uniparental disomy mitigates the most damaging EFL1 allele combination in Shwachman-Diamond syndrome. <i>Blood</i> , <b>2021</b> , 138, 2117-2128	2.2	1
215	Targeted mutagenesis in mouse cells and embryos using an enhanced prime editor. <i>Genome Biology</i> , <b>2021</b> , 22, 170	18.3	17

214	The anti-diabetic effects of NAG-1/GDF15 on HFD/STZ-induced mice. <i>Scientific Reports</i> , <b>2021</b> , 11, 15027	4.9	4
213	Polymethoxyselenoflavones exert anti-obesity effects through activation of lipolysis and brown adipocyte metabolism. <i>International Journal of Obesity</i> , <b>2021</b> , 45, 122-129	5.5	4
212	Depletion of Adipocyte Leads to Lipodystrophy and Metabolic Dysregulation. <i>Diabetes</i> , <b>2021</b> , 70, 182-195.	9	3
211	New insights into the microbiota of wild mice. <i>Mammalian Genome</i> , <b>2021</b> , 32, 311-318	3.2	0
210	Asian Mouse Mutagenesis Resource Association (AMMRA): mouse genetics and laboratory animal resources in the Asia Pacific. <i>Mammalian Genome</i> , <b>2021</b> , 1	3.2	0
209	Suppression of Osteoarthritis progression by post-natal Induction of Nkx3.2. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 571, 188-194	3.4	1
208	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. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 732450	5.7	2
207	Development of CIDEA reporter mouse model and its application for screening thermogenic drugs. <i>Scientific Reports</i> , <b>2021</b> , 11, 18429	4.9	2
206	Ventromedial hypothalamic primary cilia control energy and skeletal homeostasis. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	8
205	Neural regulation of energy and bone homeostasis by the synaptic adhesion molecule Calsyntenin-3. <i>Experimental and Molecular Medicine</i> , <b>2020</b> , 52, 793-803	12.8	3
204	Adipogenic effects of prenatal exposure to bisphenol S (BPS) in adult F1 male mice. <i>Science of the Total Environment</i> , <b>2020</b> , 728, 138759	10.2	10
203	Evaluation of factors related to Anaesthesia-induced Lens opacity in experimental mice. <i>Laboratory Animal Research</i> , <b>2020</b> , 36, 1	1.9	7
202	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> , <b>2020</b> , 1141, 122022	3.2	7
201	Intensive morphometric analysis of enormous alterations in skeletal bone system with micro-CT for AHNAK mice. <i>Anatomical Science International</i> , <b>2020</b> , 95, 323-333	2	1
200	A comparison of the metabolic effects of treadmill and wheel running exercise in mouse model. <i>Laboratory Animal Research</i> , <b>2020</b> , 36, 3	1.9	13
199	High-throughput discovery of genetic determinants of circadian misalignment. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008577	6	9
198	Detrimental Role of Nerve Injury-Induced Protein 1 in Myeloid Cells under Intestinal Inflammatory Conditions. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
197	Adipocyte-specific Beclin1 deletion impairs lipolysis and mitochondrial integrity in adipose tissue. <i>Molecular Metabolism</i> , <b>2020</b> , 39, 101005	8.8	14

196	High glucose-mediated PICALM and mTORC1 modulate processing of amyloid precursor protein via endosomal abnormalities. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 3828-3847	8.6	3
195	Changes in the gut microbiota of wild mice according to environment. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
194	PRMT1 Is Required for the Maintenance of Mature $\beta$ Cell Identity. <i>Diabetes</i> , <b>2020</b> , 69, 355-368	0.9	9
193	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> , <b>2020</b> , 1618, 460849	4.5	9
192	Fas mutation reduces obesity by increasing IL-4 and IL-10 expression and promoting white adipose tissue browning. <i>Scientific Reports</i> , <b>2020</b> , 10, 12001	4.9	7
191	Inhibition of Pendrin by a small molecule reduces Lipopolysaccharide-induced acute Lung Injury. <i>Theranostics</i> , <b>2020</b> , 10, 9913-9922	12.1	9
190	1,7-Bis(4-hydroxyphenyl)-4-hepten-3-one from <i>Betula platyphylla</i> induces apoptosis by suppressing autophagy flux and activating the p38 pathway in lung cancer cells. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 126-138	6.7	5
189	RNF20 Functions as a Transcriptional Coactivator for PPAR $\gamma$ by Promoting NCoR1 Degradation in Adipocytes. <i>Diabetes</i> , <b>2020</b> , 69, 20-34	0.9	11
188	Soft windowing application to improve analysis of high-throughput phenotyping data. <i>Bioinformatics</i> , <b>2020</b> , 36, 1492-1500	7.2	5
187	Metagenomic Analysis of the Gut Microbiota of Wild Mice, a Newly Identified Reservoir of. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 596149	5.9	2
186	High-throughput discovery of genetic determinants of circadian misalignment <b>2020</b> , 16, e1008577		
185	High-throughput discovery of genetic determinants of circadian misalignment <b>2020</b> , 16, e1008577		
184	High-throughput discovery of genetic determinants of circadian misalignment <b>2020</b> , 16, e1008577		
183	High-throughput discovery of genetic determinants of circadian misalignment <b>2020</b> , 16, e1008577		
182	Effects of long-term exposure to aluminum in the hippocampus in the type 2 diabetes model rats. <i>Toxicology Research</i> , <b>2019</b> , 8, 206-215	2.6	1
181	Postnatal changes in constitutive cyclooxygenase-2 expression in the mice hippocampus and its function in synaptic plasticity. <i>Molecular Medicine Reports</i> , <b>2019</b> , 19, 1996-2004	2.9	4
180	Methionine-Choline Deprivation Impairs Adult Hippocampal Neurogenesis in C57BL/6 Mice. <i>Journal of Medicinal Food</i> , <b>2019</b> , 22, 344-354	2.8	1
179	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> , <b>2019</b> , 69, 44-52	6.3	11

178	Induction of squamous cell carcinoma after MAP3K8 overexpression in murine salivary gland epithelial cells. <i>Head and Neck</i> , <b>2019</b> , 41, 924-929	4.2	5
177	Adult Hippocampal Neurogenesis Can Be Enhanced by Cold Challenge Independently From Beiging Effects. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 92	5.1	2
176	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> , <b>2019</b> , 98, 27-40	3.2	11
175	The Wild Mouse ( <i>M. musculus</i> ): Reservoir of a Novel Strain. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 3066	5.7	4
174	Intrinsic expression of viperin regulates thermogenesis in adipose tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 17419-17428	11.5	13
173	Effect of a Single Bout of Exercise on Autophagy Regulation in Skeletal Muscle of High-Fat High-Sucrose Diet-Fed Mice. <i>Journal of Obesity and Metabolic Syndrome</i> , <b>2019</b> , 28, 175-185	4.4	4
172	TarGo: network based target gene selection system for human disease related mouse models. <i>Laboratory Animal Research</i> , <b>2019</b> , 35, 23	1.9	
171	A novel peripheral cannabinoid 1 receptor antagonist, AJ5012, improves metabolic outcomes and suppresses adipose tissue inflammation in obese mice. <i>FASEB Journal</i> , <b>2019</b> , 33, 4314-4326	0.9	17
170	BICD1 mediates HIF1 $\alpha$ nuclear translocation in mesenchymal stem cells during hypoxia adaptation. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 1716-1734	12.7	12
169	Skeletal muscle-specific Prmt1 deletion causes muscle atrophy via deregulation of the PRMT6-FOXO3 axis. <i>Autophagy</i> , <b>2019</b> , 15, 1069-1081	10.2	35
168	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> , <b>2019</b> , 51, 245-254	3.5	24
167	Global transcriptome analysis identifies weight regain-induced activation of adaptive immune responses in white adipose tissue of mice. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 755-764	5.5	11
166	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> , <b>2018</b> , 63, 619-627	4	8
165	Identification of genetic elements in metabolism by high-throughput mouse phenotyping. <i>Nature Communications</i> , <b>2018</b> , 9, 288	17.4	48
164	Strain-specific differential expression of astrocytes and microglia in the mouse hippocampus. <i>Brain and Behavior</i> , <b>2018</b> , 8, e00961	3.4	9
163	Newly developed method for mouse olfactory behavior tests using an automatic video tracking system. <i>Auris Nasus Larynx</i> , <b>2018</b> , 45, 103-110	2.2	9
162	Loss of the E3 ubiquitin ligase MKRN1 represses diet-induced metabolic syndrome through AMPK activation. <i>Nature Communications</i> , <b>2018</b> , 9, 3404	17.4	34
161	Molybdate Attenuates Lipid Accumulation in the Livers of Mice Fed a Diet Deficient in Methionine and Choline. <i>Biological and Pharmaceutical Bulletin</i> , <b>2018</b> , 41, 1203-1210	2.3	2

160	Anti-inflammatory role of 15-lipoxygenase contributes to the maintenance of skin integrity in mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 8856	4.9	17
159	MTA1 is a novel regulator of autophagy that induces tamoxifen resistance in breast cancer cells. <i>Autophagy</i> , <b>2018</b> , 14, 812-824	10.2	49
158	Changes of myelin basic protein in the hippocampus of an animal model of type 2 diabetes. <i>Laboratory Animal Research</i> , <b>2018</b> , 34, 176-184	1.9	5
157	Clusterin is highly expressed in tubular complexes during spontaneous pancreatitis of spontaneous hypertensive rats. <i>Journal of Veterinary Medical Science</i> , <b>2018</b> , 80, 1553-1557	1.1	1
156	Chitosan-based nanoparticles with damnacanthol suppress CRM1 expression. <i>Oncology Letters</i> , <b>2018</b> , 16, 7029-7034	2.6	2
155	Myricetin Exerts Anti-Obesity Effects through Upregulation of SIRT3 in Adipose Tissue. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	24
154	Identification of genes required for eye development by high-throughput screening of mouse knockouts. <i>Communications Biology</i> , <b>2018</b> , 1, 236	6.7	20
153	Ninjurin1 Plays a Crucial Role in Pulmonary Fibrosis by Promoting Interaction between Macrophages and Alveolar Epithelial Cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 17542	4.9	15
152	Transcriptome Analysis Reveals Nonfoamy Rather Than Foamy Plaque Macrophages Are Proinflammatory in Atherosclerotic Murine Models. <i>Circulation Research</i> , <b>2018</b> , 123, 1127-1142	15.7	153
151	Complete Genome Sequencing and Comparative Genomic Analysis of Isolated From the Wild Korean Striped Field Mouse ) for Potential Pathogenicity. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 838	5.6	7
150	The International Mouse Phenotyping Consortium (IMPC): a functional catalogue of the mammalian genome that informs conservation. <i>Conservation Genetics</i> , <b>2018</b> , 19, 995-1005	2.6	44
149	Glucose-regulated protein 78 binds to and regulates the melanocortin-4 receptor. <i>Experimental and Molecular Medicine</i> , <b>2018</b> , 50, 1-14	12.8	8
148	Essential role of Ahnak in adipocyte differentiation leading to the transcriptional regulation of Bmpr1b expression. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 864	9.8	4
147	AHNAK Loss in Mice Promotes Type II Pneumocyte Hyperplasia and Lung Tumor Development. <i>Molecular Cancer Research</i> , <b>2018</b> , 16, 1287-1298	6.6	13
146	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> , <b>2018</b> , 1863, 980-990	5	17
145	Effects of exercise-induced apelin levels on skeletal muscle and their capillarization in type 2 diabetic rats. <i>Muscle and Nerve</i> , <b>2017</b> , 56, 1155-1163	3.4	21
144	NR1D1 Recruitment to Sites of DNA Damage Inhibits Repair and Is Associated with Chemosensitivity of Breast Cancer. <i>Cancer Research</i> , <b>2017</b> , 77, 2453-2463	10.1	20
143	Proteomic approach to detect changes in hippocampal protein levels in an animal model of type 2 diabetes. <i>Neurochemistry International</i> , <b>2017</b> , 108, 246-253	4.4	3

142	Lipidomic analysis of skeletal muscle tissues of p53 knockout mice by nUPLC-ESI-MS/MS. <i>Scientific Reports</i> , <b>2017</b> , 7, 3302	4.9	7
141	Lectin, Galactoside-Binding Soluble 3 Binding Protein Promotes 17-N-Allylamino-17-demethoxygeldanamycin Resistance through PI3K/Akt Pathway in Lung Cancer Cell Line. <i>Molecular Cancer Therapeutics</i> , <b>2017</b> , 16, 1355-1365	6.1	6
140	PDX-MI: Minimal Information for Patient-Derived Tumor Xenograft Models. <i>Cancer Research</i> , <b>2017</b> , 77, e62-e66	10.1	65
139	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> , <b>2017</b> , 1861, 3142-3153	4	18
138	Comparison of Adult Hippocampal Neurogenesis and Susceptibility to Treadmill Exercise in Nine Mouse Strains. <i>Neural Plasticity</i> , <b>2017</b> , 2017, 5863258	3.3	14
137	Pharbitis Nil (PN) induces apoptosis and autophagy in lung cancer cells and autophagy inhibition enhances PN-induced apoptosis. <i>Journal of Ethnopharmacology</i> , <b>2017</b> , 208, 253-263	5	15
136	ROR $\alpha$ Controls hepatic lipid homeostasis via negative regulation of PPAR $\alpha$ transcriptional network. <i>Nature Communications</i> , <b>2017</b> , 8, 162	17.4	63
135	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> , <b>2017</b> , 42, 3149-3159	4.6	16
134	Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. <i>Nature Genetics</i> , <b>2017</b> , 49, 1231-1238	36.3	145
133	Palmitic Acid-BSA enhances Amyloid- $\beta$ production through GPR40-mediated dual pathways in neuronal cells: Involvement of the Akt/mTOR/HIF-1 $\alpha$ and Akt/NF- $\kappa$ B pathways. <i>Scientific Reports</i> , <b>2017</b> , 7, 4335	4.9	28
132	Daurinol blocks breast and lung cancer metastasis and development by inhibition of focal adhesion kinase (FAK). <i>Oncotarget</i> , <b>2017</b> , 8, 57058-57071	3.3	13
131	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> , <b>2016</b> , 36, 57-67	4.6	7
130	Effect of onion extract on corneal haze suppression after air assisted lamellar keratectomy. <i>Journal of Veterinary Medical Science</i> , <b>2016</b> , 78, 419-25	1.1	5
129	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> , <b>2016</b> , 78, 957-62	1.1	38
128	High glucose upregulates BACE1-mediated A $\beta$ production through ROS-dependent HIF-1 $\alpha$ and LXR $\beta$ /ABCA1-regulated lipid raft reorganization in SK-N-MC cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 36746	4.9	46
127	FoxO1 in dopaminergic neurons regulates energy homeostasis and targets tyrosine hydroxylase. <i>Nature Communications</i> , <b>2016</b> , 7, 12733	17.4	25
126	Evaluation of treadmill exercise effect on muscular lipid profiles of diabetic fatty rats by nanoflow liquid chromatography-tandem mass spectrometry. <i>Scientific Reports</i> , <b>2016</b> , 6, 29617	4.9	11
125	CHIP controls necroptosis through ubiquitylation- and lysosome-dependent degradation of RIPK3. <i>Nature Cell Biology</i> , <b>2016</b> , 18, 291-302	23.4	93

124	Ninjurin1 inhibits colitis-mediated colon cancer development and growth by suppression of macrophage infiltration through repression of FAK signaling. <i>Oncotarget</i> , <b>2016</b> , 7, 29592-604	3.3	12
123	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> , <b>2016</b> , 17, 127-36	1.6	5
122	Reduction of adult hippocampal neurogenesis is amplified by aluminum exposure in a model of type 2 diabetes. <i>Journal of Veterinary Science</i> , <b>2016</b> , 17, 13-20	1.6	12
121	Korean Pine Nut Oil Attenuated Hepatic Triacylglycerol Accumulation in High-Fat Diet-Induced Obese Mice. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	13
120	Postnatal changes in glucose transporter 3 expression in the dentate gyrus of the C57BL/6 mouse model. <i>Laboratory Animal Research</i> , <b>2016</b> , 32, 1-7	1.9	10
119	Ahnak stimulates BMP2-mediated adipocyte differentiation through Smad1 activation. <i>Obesity</i> , <b>2016</b> , 24, 398-407	8	13
118	Global Changes in Lipid Profiles of Mouse Cortex, Hippocampus, and Hypothalamus Upon p53 Knockout. <i>Scientific Reports</i> , <b>2016</b> , 6, 36510	4.9	9
117	Sex differences in sympathetic innervation and browning of white adipose tissue of mice. <i>Biology of Sex Differences</i> , <b>2016</b> , 7, 67	9.3	67
116	AHNAK deficiency promotes browning and lipolysis in mice via increased responsiveness to adrenergic signalling. <i>Scientific Reports</i> , <b>2016</b> , 6, 23426	4.9	16
115	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> , <b>2016</b> , 15, 3763-3772	5.6	14
114	Alteration of gut microbiota by vancomycin and bacitracin improves insulin resistance via glucagon-like peptide 1 in diet-induced obesity. <i>FASEB Journal</i> , <b>2015</b> , 29, 2397-411	0.9	136
113	Establishment and characterization of metastatic gastric cancer cell lines from murine gastric adenocarcinoma lacking Smad4, p53, and E-cadherin. <i>Molecular Carcinogenesis</i> , <b>2015</b> , 54, 1521-7	5	17
112	Daurinol Enhances the Efficacy of Radiotherapy in Lung Cancer via Suppression of Aurora Kinase A/B Expression. <i>Molecular Cancer Therapeutics</i> , <b>2015</b> , 14, 1693-704	6.1	18
111	Glutamine contributes to maintenance of mouse embryonic stem cell self-renewal through PKC-dependent downregulation of HDAC1 and DNMT1/3a. <i>Cell Cycle</i> , <b>2015</b> , 14, 3292-305	4.7	17
110	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> , <b>2015</b> , 77, 167-73	1.1	9
109	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> , <b>2015</b> , 39, 424-33	5	21
108	Air assisted lamellar keratectomy for the corneal haze model. <i>Journal of Veterinary Science</i> , <b>2015</b> , 16, 349-56	1.6	2
107	Comparison of pharmacological and genetic inhibition of cyclooxygenase-2: effects on adult neurogenesis in the hippocampal dentate gyrus. <i>Journal of Veterinary Science</i> , <b>2015</b> , 16, 245-51	1.6	17

106	Helicobacter apodemus sp. nov., a new Helicobacter species identified from the gastrointestinal tract of striped field mice in Korea. <i>Journal of Veterinary Science</i> , <b>2015</b> , 16, 475-81	1.6	10
105	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. <i>Journal of Veterinary Science</i> , <b>2015</b> , 16, 11-6	1.6	6
104	Increased Cell Proliferations and Neurogenesis in the Hippocampal Dentate Gyrus of Ahnak Deficient Mice. <i>Neurochemical Research</i> , <b>2015</b> , 40, 1457-62	4.6	9
103	Transplantation of Adipose Tissue-Derived Mesenchymal Stem Cells Prevents the Development of Lupus Dermatitis. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 2041-51	4.4	16
102	Comment on "One health, one literature: Weaving together veterinary and medical research". <i>Science Translational Medicine</i> , <b>2015</b> , 7, 317le3	17.5	
101	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> , <b>2015</b> , 37, 732-8	2.7	11
100	Obesity Resistance and Enhanced Insulin Sensitivity in Ahnak <sup>-/-</sup> Mice Fed a High Fat Diet Are Related to Impaired Adipogenesis and Increased Energy Expenditure. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139720	3.7	14
99	Hepatitis B virus X increases immune cell recruitment by induction of chemokine SDF-1. <i>FEBS Letters</i> , <b>2014</b> , 588, 733-9	3.8	10
98	Differential regulation of estrogen receptor expression in breast cancer cells by metastasis-associated protein 1. <i>Cancer Research</i> , <b>2014</b> , 74, 1484-94	10.1	57
97	Additive or synergistic effects of aluminum on the reduction of neural stem cells, cell proliferation, and neuroblast differentiation in the dentate gyrus of high-fat diet-fed mice. <i>Biological Trace Element Research</i> , <b>2014</b> , 157, 51-9	4.5	6
96	ADRM1 gene amplification is a candidate driver for metastatic gastric cancers. <i>Clinical and Experimental Metastasis</i> , <b>2014</b> , 31, 727-33	4.7	28
95	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> , <b>2014</b> , 34, 1688-98	4.4	7
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