

Heui-Soo Kim

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.

229
papers

2,873
citations

29
h-index

42
g-index

235
ext. papers

3,483
ext. citations

3.4
avg, IF

4.99
L-index

#	Paper	IF	Citations
229	NMR-based metabolomics revealed metabolic changes in energy production for viral replication and immunological response in rock bream (<i>Oplegnathus fasciatus</i>) tissues during rock bream iridovirus (RBIV) infection. <i>Aquaculture</i> , 2022 , 547, 737451	4.4	
228	Nargenicin A1 attenuates lipopolysaccharide-induced inflammatory and oxidative response by blocking the NF- κ B signaling pathway. <i>EXCLI Journal</i> , 2021 , 20, 968-982	2.4	1
227	Protection against Oxidative Stress-Induced Apoptosis by Fermented Sea Tangle (<i>Aresch</i>) in Osteoblastic MC3T3-E1 Cells through Activation of Nrf2 Signaling Pathway. <i>Foods</i> , 2021 , 10,	4.9	2
226	Differential proteome profile of gill and spleen in three pathogen-infected <i>Paralichthys olivaceus</i> . <i>Genes and Genomics</i> , 2021 , 43, 701-712	2.1	2
225	Human Endogenous Retrovirus (HERV)-K Gene Knockout Affects Tumorigenic Characteristics of Gene in DLD-1 Colorectal Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
224	Suppression of Lipopolysaccharide-Induced Inflammatory and Oxidative Response by 5-Aminolevulinic Acid in RAW 264.7 Macrophages and Zebrafish Larvae. <i>Biomolecules and Therapeutics</i> , 2021 , 29, 685-696	4.2	7
223	A study of transposable element-associated structural variations (TASVs) using a de novo-assembled Korean genome. <i>Experimental and Molecular Medicine</i> , 2021 , 53, 615-630	12.8	3
222	The enhancer activity of long interspersed nuclear element derived microRNA 625 induced by NF- κ B. <i>Scientific Reports</i> , 2021 , 11, 3139	4.9	0
221	Proteome profile of spleen in rock bream (<i>Oplegnathus fasciatus</i>) naturally infected with rock bream iridovirus (RBIV). <i>Genes and Genomics</i> , 2021 , 43, 1259-1268	2.1	
220	Ethanol extract of <i>Chondracanthus tenellus</i> (Harvey) Hommersand attenuates lipopolysaccharide-induced inflammatory and oxidative response by blocking the NF- κ B, MAPKs, and PI3K/Akt signaling pathways. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021 , 11, 450	1.4	
219	Immunostimulatory effect of ethanol extract of <i>Chondracanthus tenellus</i> in RAW 264.7 macrophages in vitro. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021 , 11, 263	1.4	
218	A Novel Peptide Oligomer of Bacitracin Induces M1 Macrophage Polarization by Facilitating Ca Influx. <i>Nutrients</i> , 2020 , 12,	6.7	5
217	Co-Expression Network Analysis of Spleen Transcriptome in Rock Bream () Naturally Infected with Rock Bream Iridovirus (RBIV). <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
216	Genome based quantification of VHSV in multiple organs of infected olive flounder (<i>Paralichthys olivaceus</i>) using real-time PCR. <i>Genes and Genomics</i> , 2020 , 42, 773-777	2.1	0
215	Expression Analyses of MicroRNAs in Hamster Lung Tissues Infected by SARS-CoV-2. <i>Molecules and Cells</i> , 2020 , 43, 953-963	3.5	17
214	Human Endogenous Retrovirus K (HERV-K) can drive gene expression as a promoter in <i>Caenorhabditis elegans</i> . <i>BMB Reports</i> , 2020 , 53, 521-526	5.5	1
213	Enhancer Function of MicroRNA-3681 Derived from Long Terminal Repeats Represses the Activity of Variable Number Tandem Repeats in the 3' UTR of. <i>Molecules and Cells</i> , 2020 , 43, 607-618	3.5	3

212	Ethanol extracts of Hizikia fusiforme induce apoptosis in human prostate cancer PC3 cells via modulating a ROS-dependent pathway. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2020 , 10, 78	1.4	2
211	Expression analysis of LTR-derived miR-1269a and target gene, KSR2 in <i>Sebastes schlegelii</i> . <i>Genes and Genomics</i> , 2020 , 42, 55-65	2.1	1
210	Genetic features of <i>Haliotis discus hannai</i> by infection of vibrio and virus. <i>Genes and Genomics</i> , 2020 , 42, 117-125	2.1	0
209	Bioinformatics Analysis of Evolution and Human Disease Related Transposable Element-Derived microRNAs. <i>Life</i> , 2020 , 10,	3	5
208	The immunostimulatory effect of indole-6-carboxaldehyde isolated from in RAW 264.7 macrophages. <i>Animal Cells and Systems</i> , 2020 , 24, 233-241	2.3	2
207	Indole-6-carboxaldehyde prevents oxidative stress-induced mitochondrial dysfunction, DNA damage and apoptosis in C2C12 skeletal myoblasts by regulating the ROS-AMPK signaling pathway. <i>Molecular and Cellular Toxicology</i> , 2020 , 16, 455-467	1.6	2
206	Glutathione Induced Immune-Stimulatory Activity by Promoting M1-Like Macrophages Polarization via Potential ROS Scavenging Capacity. <i>Antioxidants</i> , 2019 , 8,	7.1	19
205	Characterization of the Long Terminal Repeat of the Endogenous Retrovirus-derived microRNAs in the Olive Flounder. <i>Scientific Reports</i> , 2019 , 9, 14007	4.9	7
204	Protective Effect of Phloroglucinol on Oxidative Stress-Induced DNA Damage and Apoptosis through Activation of the Nrf2/HO-1 Signaling Pathway in HaCaT Human Keratinocytes. <i>Marine Drugs</i> , 2019 , 17,	6	37
203	Protective Effects of Nargenicin A1 against Tacrolimus-Induced Oxidative Stress in <i>Hirame</i> Natural Embryo Cells. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
202	Genome based quantification of <i>Miamiensis avidus</i> in multiple organs of infected olive flounder (<i>Paralichthys olivaceus</i>) by real-time PCR. <i>Genes and Genomics</i> , 2019 , 41, 567-572	2.1	2
201	A comprehensive analysis of the Baboon-specific full-length LINE-1 retrotransposons. <i>Genes and Genomics</i> , 2019 , 41, 831-837	2.1	
200	Immune response of heterologous recombinant antigenic protein of viral hemorrhagic septicemia virus (VHSV) in mice. <i>Animal Cells and Systems</i> , 2019 , 23, 97-105	2.3	5
199	Protective Effect of Glutathione against Oxidative Stress-induced Cytotoxicity in RAW 264.7 Macrophages through Activating the Nuclear Factor Erythroid 2-Related Factor-2/Heme Oxygenase-1 Pathway. <i>Antioxidants</i> , 2019 , 8,	7.1	29
198	Correlation of long interspersed element-1 open reading frame 1 and c-Met proto-oncogene protein expression in ovarian cancer. <i>Genes and Genomics</i> , 2019 , 41, 1293-1299	2.1	2
197	Multiplex PCR using YeaD and 16S rRNA gene to identify major pathogens in vibriosis of <i>Litopenaeus vannamei</i> . <i>Genes and Genomics</i> , 2019 , 41, 35-42	2.1	3
196	Expression analysis of miR-221-3p and its target genes in horses. <i>Genes and Genomics</i> , 2019 , 41, 459-465	2.1	
195	Identification and expression analysis of a novel miRNA derived from ERV-E1 LTR in <i>Equus caballus</i> . <i>Gene</i> , 2019 , 687, 238-245	3.8	5

194	Identification of transposable elements fused in the exonic region of the olive flounder genome. <i>Genes and Genomics</i> , 2018 , 40, 707-713	2.1	
193	Genome and evolution of the shade-requiring medicinal herb Panax ginseng. <i>Plant Biotechnology Journal</i> , 2018 , 16, 1904-1917	11.6	77
192	Ty3/Gypsy retrotransposons in the Pacific abalone <i>Haliotis discus hannai</i> : characterization and use for species identification in the genus <i>Haliotis</i> . <i>Genes and Genomics</i> , 2018 , 40, 177-187	2.1	2
191	Identification of aldo-keto reductase (AKR7A1) and glutathione S-transferase pi (GSTP1) as novel renal damage biomarkers following exposure to mercury. <i>Human and Experimental Toxicology</i> , 2018 , 37, 1025-1036	3.4	4
190	Induction of Apoptosis by Citrus unshiu Peel in Human Breast Cancer MCF-7 Cells: Involvement of ROS-Dependent Activation of AMPK. <i>Biological and Pharmaceutical Bulletin</i> , 2018 , 41, 713-721	2.3	13
189	Identification of novel CYP4F2 genetic variants exhibiting decreased catalytic activity in the conversion of arachidonic acid to 20-hydroxyeicosatetraenoic acid (20-HETE). <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 131, 6-13	2.8	10
188	Comparative evaluation of MCP gene in worldwide strains of Megalocytivirus (Iridoviridae family) for early diagnostic marker. <i>Journal of Fish Diseases</i> , 2018 , 41, 105-116	2.6	0
187	An efficient and tunable parameter to improve variant calling for whole genome and exome sequencing data. <i>Genes and Genomics</i> , 2018 , 40, 39-47	2.1	3
186	Activation of the Nrf2/HO-1 Signaling Pathway Contributes to the Protective Effects of Extract against Oxidative Stress-Induced DNA Damage and Apoptosis in SW1353 Human Chondrocytes. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	22
185	Spermidine Protects against Oxidative Stress in Inflammation Models Using Macrophages and Zebrafish. <i>Biomolecules and Therapeutics</i> , 2018 , 26, 146-156	4.2	43
184	Extract Attenuates Interleukin-1 β Induced Oxidative Stress and Inflammatory Response in Chondrocytes by Suppressing the Activation of NF- κ B, p38 MAPK, and PI3K/Akt. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	29
183	Current Challenges of Infection and Effective Molecular, Cellular, and Environmental Control Methods in Aquaculture. <i>Molecules and Cells</i> , 2018 , 41, 495-505	3.5	21
182	MicroRNA-552 links Wnt signaling to p53 tumor suppressor in colorectal cancer. <i>International Journal of Oncology</i> , 2018 , 53, 1800-1808	4.4	13
181	Gene expression profiles alteration after infection of virus, bacteria, and parasite in the Olive flounder (<i>Paralichthys olivaceus</i>). <i>Scientific Reports</i> , 2018 , 8, 18065	4.9	9
180	SNP analysis of genes related to cholesterol metabolism and associated with late-onset Alzheimer's disease. <i>Genes and Genomics</i> , 2017 , 39, 593-600	2.1	2
179	Genome based quantification of <i>Streptococcus parauberis</i> in multiple organs of infected olive flounder (<i>Paralichthys olivaceus</i>). <i>Genes and Genomics</i> , 2017 , 39, 897-902	2.1	0
178	Comparative evaluation of 16S rRNA gene in world-wide strains of <i>Streptococcus iniae</i> and <i>Streptococcus parauberis</i> for early diagnostic marker. <i>Genes and Genomics</i> , 2017 , 39, 779-791	2.1	2
177	¹ H-NMR-based Metabolomic Study of Miamiensis avidus-infected Olive Flounder. <i>Bulletin of the Korean Chemical Society</i> , 2017 , 38, 550-555	1.2	1

176	Interactions between human endogenous and exogenous retroviruses. <i>Genes and Genomics</i> , 2017 , 39, 923-927	2.1	1
175	Activity analysis of LTR12C as an effective regulatory element of the RAE1 gene. <i>Gene</i> , 2017 , 634, 22-28	3.8	2
174	Evolutionary conservation and expression of miR-10a-3p in olive flounder and rock bream. <i>Gene</i> , 2017 , 628, 16-23	3.8	11
173	Alzheimer's disease related genes during primate evolution. <i>Genes and Genomics</i> , 2017 , 39, 1183-1192	2.1	1
172	Long interspersed element-1 open reading frame 1 protein expression profiles in ovarian cancers. <i>Genes and Genomics</i> , 2017 , 39, 1157-1162	2.1	3
171	Metabolomics and mitochondrial dysfunction in Alzheimer's disease. <i>Genes and Genomics</i> , 2017 , 39, 295-300		3
170	Integrated late onset Alzheimer's disease (LOAD) susceptibility genes: Cholesterol metabolism and trafficking perspectives. <i>Gene</i> , 2017 , 597, 10-16	3.8	34
169	Fuoidan Induces ROS-Dependent Apoptosis in 5637 Human Bladder Cancer Cells by Downregulating Telomerase Activity via Inactivation of the PI3K/Akt Signaling Pathway. <i>Drug Development Research</i> , 2017 , 78, 37-48	5.1	34
168	Fuoidan inhibits lipopolysaccharide-induced inflammatory responses in RAW 264.7 macrophages and zebrafish larvae. <i>Molecular and Cellular Toxicology</i> , 2017 , 13, 405-417	1.6	18
167	Induction of p53-Independent Apoptosis and G1 Cell Cycle Arrest by Fuoidan in HCT116 Human Colorectal Carcinoma Cells. <i>Marine Drugs</i> , 2017 , 15,	6	43
166	Identification and Expression Analyses of Equine Endogenous Retroviruses in Horses. <i>Molecules and Cells</i> , 2017 , 40, 796-804	3.5	1
165	Identification and Expression of Equine MER-Derived miRNAs. <i>Molecules and Cells</i> , 2017 , 40, 262-270	3.5	2
164	Genomic Analysis of miR-21-3p and Expression Pattern with Target Gene in Olive Flounder. <i>Genomics and Informatics</i> , 2017 , 15, 98-107	1.9	4
163	Detection of LINE RT elements in the olive flounder (<i>Paralichthys olivaceus</i>) genome and expression analysis after infection with <i>S. parauberis</i> . <i>Genes and Genomics</i> , 2016 , 38, 1105-1110	2.1	1
162	DNA methylation changes in extracellular remodeling pathway genes during the transformation of human mesenchymal stem cells. <i>Genes and Genomics</i> , 2016 , 38, 611-617	2.1	0
161	Expression profiles of HERV-K Env protein in normal and cancerous tissues. <i>Genes and Genomics</i> , 2016 , 38, 91-107	2.1	7
160	Association of DNA methylation and monoamine oxidase A gene expression in the brains of different dog breeds. <i>Gene</i> , 2016 , 580, 177-182	3.8	13
159	Ethanol extract of <i>Prunus mume</i> fruit attenuates hydrogen peroxide-induced oxidative stress and apoptosis involving Nrf2/HO-1 activation in C2C12 myoblasts. <i>Revista Brasileira De Farmacognosia</i> , 2016 , 26, 184-190	2	5

158 Recent Strategy for Superior Horses. *Journal of Life Science*, **2016**, 26, 855-867

157	Identification of Outlier Loci Responding to Anthropogenic and Natural Selection Pressure in Stream Insects Based on a Self-Organizing Map. <i>Water (Switzerland)</i> , 2016 , 8, 188	3	1
156	Optimizing Hybrid de Novo Transcriptome Assembly and Extending Genomic Resources for Giant Freshwater Prawns (<i>Macrobrachium rosenbergii</i>): The Identification of Genes and Markers Associated with Reproduction. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	17
155	Expression and promoter activity of endogenous retroviruses in the Olive flounder (<i>Paralichthys olivaceus</i>). <i>Genes and Genomics</i> , 2016 , 38, 539-545	2.1	2
154	HEXDB: a database for epigenetic changes occurring after horse exercise. <i>Genes and Genomics</i> , 2015 , 37, 287-294	2.1	
153	Polymorphism analysis of tyrosine hydroxylase gene variable number of tandem repeats in various Korean dogs. <i>Genes and Genomics</i> , 2015 , 37, 257-261	2.1	1
152	Composition and evolutionary importance of transposable elements in humans and primates. <i>Genes and Genomics</i> , 2015 , 37, 135-140	2.1	10
151	Gene structure variation in segmental duplication block C of human chromosome 7q 11.23 during primate evolution. <i>Gene</i> , 2015 , 573, 285-95	3.8	0
150	Genome-wide analysis of DNA methylation before-and after exercise in the thoroughbred horse with MeDIP-Seq. <i>Molecules and Cells</i> , 2015 , 38, 210-20	3.5	17
149	Microsatellite analysis of genetic variation and structure in Korean and exotic dog breeds. <i>Genes and Genomics</i> , 2015 , 37, 819-827	2.1	1
148	The combination of methylsulfonylmethane and tamoxifen inhibits the Jak2/STAT5b pathway and synergistically inhibits tumor growth and metastasis in ER-positive breast cancer xenografts. <i>BMC Cancer</i> , 2015 , 15, 474	4.8	25
147	Statistical modeling for selecting a superior working dog using microsatellite loci. <i>Genes and Genomics</i> , 2015 , 37, 969-976	2.1	2
146	Identification and expression analysis of human endogenous retrovirus Y (HERV-Y) in various human tissues. <i>Archives of Virology</i> , 2015 , 160, 2161-8	2.6	2
145	Identification of human-specific AluS elements through comparative genomics. <i>Gene</i> , 2015 , 555, 208-16	3.8	3
144	Role of transposable elements in genomic rearrangement, evolution, gene regulation and epigenetics in primates. <i>Genes and Genetic Systems</i> , 2015 , 90, 245-57	1.4	24
143	Biochemical and Structural Characterization of Recombinant Human Endogenous Retrovirus-R. <i>Bulletin of the Korean Chemical Society</i> , 2015 , 36, 1661-1668	1.2	
142	Meeting report: The biology of genomes and proteomes. <i>Genes and Genomics</i> , 2015 , 37, 567-570	2.1	
141	Molecular characterization and expression analysis of mouse epidermal growth factor-like domain 8. <i>International Journal of Molecular Medicine</i> , 2015 , 36, 541-50	4.4	2

140	HEpD: a database describing epigenetic differences between Thoroughbred and Jeju horses. <i>Gene</i> , 2015 , 560, 83-8	3.8	3
139	Transposable element-driven transcript diversification and its relevance to genetic disorders. <i>Gene</i> , 2015 , 558, 187-94	3.8	17
138	Conservation of intronic minisatellite polymorphisms in the SCK1/SHC2 gene of Hominidae. <i>Genes and Genomics</i> , 2014 , 36, 375-385	2.1	
137	Genetic profiling of thoroughbred racehorses by microsatellite marker analysis. <i>Genes and Genomics</i> , 2014 , 36, 119-123	2.1	6
136	Genetic markers for diagnosis and pathogenesis of Alzheimer's disease. <i>Gene</i> , 2014 , 545, 185-93	3.8	88
135	Minke whale genome and aquatic adaptation in cetaceans. <i>Nature Genetics</i> , 2014 , 46, 88-92	36.3	186
134	Novel variable number of tandem repeats of gibbon MAOA gene and its evolutionary significance. <i>Genome</i> , 2014 , 57, 427-32	2.4	2
133	Application of DNA barcoding for identification of freshwater carnivorous fish diets: Is number of prey items dependent on size class for <i>Micropterus salmoides</i> ?. <i>Ecology and Evolution</i> , 2014 , 4, 219-29	2.8	46
132	Statistical analysis and genetic diversity of three dog breeds using simple sequence repeats. <i>Genes and Genomics</i> , 2014 , 36, 883-889	2.1	2
131	Genomic characterization of the Przewalski's horse inhabiting Mongolian steppe by whole genome re-sequencing. <i>Livestock Science</i> , 2014 , 167, 86-91	1.7	8
130	Transcriptional expression changes of glucose metabolism genes after exercise in thoroughbred horses. <i>Gene</i> , 2014 , 547, 152-8	3.8	13
129	Genome-wide analysis of DNA methylation patterns in horse. <i>BMC Genomics</i> , 2014 , 15, 598	4.5	29
128	Elevation of human ERV3-1 env protein expression in colorectal cancer. <i>Journal of Clinical Pathology</i> , 2014 , 67, 840-4	3.9	12
127	Genetic structure and variability of the working dog inferred from microsatellite marker analysis. <i>Genes and Genomics</i> , 2014 , 36, 197-203	2.1	4
126	Combination of AG490, a Jak2 inhibitor, and methylsulfonylmethane synergistically suppresses bladder tumor growth via the Jak2/STAT3 pathway. <i>International Journal of Oncology</i> , 2014 , 44, 883-95	4.4	38
125	N-benzyl-N-methyldecan-1-amine, a phenylamine derivative isolated from garlic cloves, induces G2/M phase arrest and apoptosis in U937 human leukemia cells. <i>Oncology Reports</i> , 2014 , 32, 373-81	3.5	9
124	The impact of transposable elements in genome evolution and genetic instability and their implications in various diseases. <i>Genomics and Informatics</i> , 2014 , 12, 98-104	1.9	74
123	Identification of L1ASP-derived chimeric transcripts in lung cancer. <i>Genes and Genomics</i> , 2014 , 36, 853-859	2	2

122	Expression of human endogenous retrovirus env genes in the blood of breast cancer patients. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 9173-83	6.3	29
121	Short communication: expression profiles of endogenous retroviral envelopes in <i>Macaca mulatta</i> (rhesus monkey). <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, 996-1000	1.6	1
120	Human ERV3-1 env protein expression in various human tissues and tumours. <i>Journal of Clinical Pathology</i> , 2014 , 67, 86-90	3.9	10
119	Chimpanzee-specific endogenous retrovirus generates genomic variations in the chimpanzee genome. <i>PLoS ONE</i> , 2014 , 9, e101195	3.7	8
118	Copy number deletion has little impact on gene expression levels in racehorses. <i>Asian-Australasian Journal of Animal Sciences</i> , 2014 , 27, 1345-54	2.4	4
117	Genome-Wide Identification and Classification of MicroRNAs Derived from Repetitive Elements. <i>Genomics and Informatics</i> , 2014 , 12, 261-7	1.9	39
116	Development of an Economic-trait Genetic Marker by Applying Next-generation Sequencing Technologies in a Whole Genome. <i>Journal of Life Science</i> , 2014 , 24, 1258-1267		1
115	Identification and characterization of transposable elements inserted into the coding sequences of horse genes. <i>Genes and Genomics</i> , 2013 , 35, 483-489	2.1	4
114	Selection of internal reference genes for normalization of quantitative reverse transcription polymerase chain reaction (qRT-PCR) analysis in the canine brain and other organs. <i>Molecular Biotechnology</i> , 2013 , 54, 47-57	3	13
113	Polymorphism analysis of tyrosine hydroxylase (TH) in military working dogs. <i>Genes and Genomics</i> , 2013 , 35, 817-821	2.1	4
112	Alu-related transcript of TJP2 gene as a marker for colorectal cancer. <i>Gene</i> , 2013 , 524, 268-74	3.8	9
111	Human-specific HERV-K insertion causes genomic variations in the human genome. <i>PLoS ONE</i> , 2013 , 8, e60605	3.7	41
110	The novel MER transposon-derived miRNAs in human genome. <i>Gene</i> , 2013 , 512, 422-8	3.8	21
109	Identification and promoter analysis of PERV LTR subtypes in NIH-miniature pig. <i>Molecules and Cells</i> , 2013 , 35, 99-105	3.5	8
108	Peeling back the evolutionary layers of molecular mechanisms responsive to exercise-stress in the skeletal muscle of the racing horse. <i>DNA Research</i> , 2013 , 20, 287-98	4.5	18
107	A New Exon Derived from a Mammalian Apparent LTR Retrotransposon of the SUPT16H Gene. <i>International Journal of Genomics</i> , 2013 , 2013, 387594	2.5	4
106	Retroelements: molecular features and implications for disease. <i>Genes and Genetic Systems</i> , 2013 , 88, 31-43	1.4	4
105	Promoter activity analysis and methylation characterization of LTR elements of PERVs in NIH miniature pig. <i>Genes and Genetic Systems</i> , 2013 , 88, 135-42	1.4	4

104	Hexane extract of aged black garlic reduces cell proliferation and attenuates the expression of ICAM-1 and VCAM-1 in TNF- α -activated human endometrial stromal cells. <i>International Journal of Molecular Medicine</i> , 2013 , 32, 67-78	4.4	24
103	Hwanggeumchal sorghum extract enhances BMP7 and GH signaling through the activation of Jak2/STAT5B in MC3T3-E1 osteoblastic cells. <i>Molecular Medicine Reports</i> , 2013 , 8, 891-6	2.9	9
102	Repeat polymorphism analysis for examining genetic variability and the implications for specific traits in dog breeds. <i>Genes and Genetic Systems</i> , 2013 , 88, 273-8	1.4	1
101	Breed Differences in Dopamine Receptor D4 Gene (DRD4) in Horses. <i>Journal of Equine Science</i> , 2013 , 24, 31-6	1.1	8
100	Selection of appropriate reference genes for RT-qPCR analysis in a streptozotocin-induced Alzheimer's disease model of cynomolgus monkeys (<i>Macaca fascicularis</i>). <i>PLoS ONE</i> , 2013 , 8, e56034	3.7	10
99	Selection of new appropriate reference genes for RT-qPCR analysis via transcriptome sequencing of cynomolgus monkeys (<i>Macaca fascicularis</i>). <i>PLoS ONE</i> , 2013 , 8, e60758	3.7	17
98	Bioinformatic Analysis of the Canine Genes Related to Phenotypes for the Working Dogs. <i>Journal of Life Science</i> , 2013 , 23, 1325-1335		2
97	Structure and Expression Analyses of SVA Elements in Relation to Functional Genes. <i>Genomics and Informatics</i> , 2013 , 11, 142-8	1.9	10
96	mRNA sequence analysis and quantitative expression of the ADAMTS4 gene in the thoroughbred horse. <i>Genes and Genomics</i> , 2012 , 34, 441-445	2.1	1
95	Identification and characterization of transposable element-mediated chimeric transcripts from porcine Refseq and EST databases. <i>Genes and Genomics</i> , 2012 , 34, 409-414	2.1	2
94	Inactivation of the MSLNL gene encoding mesothelin-like protein during African great ape evolution. <i>Gene</i> , 2012 , 496, 17-21	3.8	3
93	Identification of ORF sequences and exercise-induced expression change in thoroughbred horse OXCT1 gene. <i>Gene</i> , 2012 , 496, 45-8	3.8	6
92	Whole transcriptome analyses of six thoroughbred horses before and after exercise using RNA-Seq. <i>BMC Genomics</i> , 2012 , 13, 473	4.5	56
91	Radiation-induced human endogenous retrovirus (HERV)-R env gene expression by epigenetic control. <i>Radiation Research</i> , 2012 , 178, 379-84	3.1	15
90	Genomic impact, chromosomal distribution and transcriptional regulation of HERV elements. <i>Molecules and Cells</i> , 2012 , 33, 539-44	3.5	22
89	In vitro CpG methylation and garcinol reduce PERV LTR promoter activity. <i>Genes and Genomics</i> , 2012 , 34, 217-222	2.1	2
88	Radiation-induced retroelement-mediated genomic instability. <i>Biotechnology and Bioprocess Engineering</i> , 2012 , 17, 439-445	3.1	
87	Intron Retention and TE Exonization Events in ZRANB2. <i>Comparative and Functional Genomics</i> , 2012 , 2012, 170208		5

86	MSM enhances GH signaling via the Jak2/STAT5b pathway in osteoblast-like cells and osteoblast differentiation through the activation of STAT5b in MSCs. <i>PLoS ONE</i> , 2012 , 7, e47477	3.7	42
85	Molecular characterization of alternative transcripts of the horse BMAL1 gene. <i>Zoological Science</i> , 2011 , 28, 671-5	0.8	1
84	Quantitative analysis of transcript variants of CHM gene containing LTR12C element in humans. <i>Gene</i> , 2011 , 489, 1-5	3.8	7
83	Evolutionary diversification of DYX1C1 transcripts via an HERV-H LTR integration event. <i>Genes and Genetic Systems</i> , 2011 , 86, 277-84	1.4	0
82	Quantitative analysis of retromer complex-related genes during embryo development in the mouse. <i>Molecules and Cells</i> , 2011 , 31, 431-6	3.5	
81	Alternative splicing of human height-related zinc finger and BTB domain-containing 38 gene through Alu exonization. <i>Biochemical Genetics</i> , 2011 , 49, 283-91	2.4	5
80	Transcriptional variations mediated by an alternative promoter of the FPR3 gene. <i>Mammalian Genome</i> , 2011 , 22, 621-33	3.2	4
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