

Chankyu Park

List of Publications by Year in descending order

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195
papers

6,530
citations

87401

40
h-index

93651

72
g-index

198
all docs

198
docs citations

198
times ranked

11694
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of DNA/RNA yield and integrity between PMAP36-mediated and other bacterial lysis methods. <i>Journal of Microbiological Methods</i> , 2022, 193, 106396.	0.7	1
2	Tracing the Origin of the RSPO2 Long-Hair Allele and Epistatic Interaction between FG5 and RSPO2 in Sapsaree Dog. <i>Genes</i> , 2022, 13, 102.	1.0	2
3	Development of an Immortalized Porcine Fibroblast Cell Panel With Different Swine Leukocyte Antigen Genotypes. <i>Frontiers in Genetics</i> , 2022, 13, 815328.	1.1	1
4	Sequence polymorphisms of PR39 cathelicidins and extensive copy variations in commercial pig breeds. <i>Gene</i> , 2022, 822, 146323.	1.0	2
5	Development of a high-resolution typing method for SLA β , swine MHC class I antigen 3. <i>Animal Genetics</i> , 2022, 53, 166-170.	0.6	3
6	Influence of habitat change from land to sea on the evolution of antimicrobial peptide gene families, including <i>defensin</i> gene clusters, in mammals. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 510-521.	0.6	2
7	Identification of Promiscuous African Swine Fever Virus T-Cell Determinants Using a Multiple Technical Approach. <i>Vaccines</i> , 2021, 9, 29.	2.1	18
8	Cathelicidin β -CATH4 derived from Python bivittatus accelerates the healing of Staphylococcus aureus-infected wounds in mice. <i>Amino Acids</i> , 2021, 53, 313-317.	1.2	2
9	Transgenic Mice Overexpressing PG1 Display Corneal Opacity and Severe Inflammation in the Eye. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1586.	1.8	2
10	High-Quality Nucleic Acid Isolation from Hard-to-Lyse Bacterial Strains Using PMAP-36, a Broad-Spectrum Antimicrobial Peptide. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4149.	1.8	4
11	Evaluation of testicular toxicity upon fetal exposure to bisphenol A using an organ culture method. <i>Chemosphere</i> , 2021, 270, 129445.	4.2	13
12	High Allelic Diversity of Dog Leukocyte Antigen Class II in East Asian Dogs: Identification of New Alleles and Haplotypes. <i>Journal of Mammalian Evolution</i> , 2021, 28, 773-784.	1.0	2
13	Characterisation of Antiviral Activity of Cathelicidins from Naked Mole Rat and Python bivittatus on Human Herpes Simplex Virus 1. <i>Pharmaceuticals</i> , 2021, 14, 715.	1.7	2
14	Automatic Recognition of Children Engagement from Facial Video Using Convolutional Neural Networks. <i>IEEE Transactions on Affective Computing</i> , 2020, 11, 696-707.	5.7	30
15	Evaluation of Resmethrin Toxicity to Neonatal Testes in Organ Culture. <i>Toxicological Sciences</i> , 2020, 173, 53-64.	1.4	13
16	Epigenetic priming by Dot1l in lymphatic endothelial progenitors ensures normal lymphatic development and function. <i>Cell Death and Disease</i> , 2020, 11, 14.	2.7	17
17	Expression of paired box protein PAX7 in prepubertal boar testicular gonocytes. <i>Acta Histochemica</i> , 2020, 122, 151595.	0.9	0
18	Generation of brain organoids from mouse ESCs via teratoma formation. <i>Stem Cell Research</i> , 2020, 49, 102100.	0.3	3

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19	Expression of ATP/GTP Binding Protein 1 Has Prognostic Value for the Clinical Outcomes in Non-Small Cell Lung Carcinoma. <i>Journal of Personalized Medicine</i> , 2020, 10, 263.	1.1	1
20	Developing a toll-like receptor biosensor for Gram-positive bacterial detection and its storage strategies. <i>Analyst, The</i> , 2020, 145, 6024-6031.	1.7	11
21	Antiviral Potential of Nanoparticles—Can Nanoparticles Fight Against Coronaviruses?. <i>Nanomaterials</i> , 2020, 10, 1645.	1.9	162
22	Toxic Effects of Nonylphenol on Neonatal Testicular Development in Mouse Organ Culture. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3491.	1.8	18
23	BIRC5 Expression Is Regulated in Uterine Epithelium during the Estrous Cycle. <i>Genes</i> , 2020, 11, 282.	1.0	3
24	Opossum Cathelicidins Exhibit Antimicrobial Activity Against a Broad Spectrum of Pathogens Including West Nile Virus. <i>Frontiers in Immunology</i> , 2020, 11, 347.	2.2	10
25	Bacteria-derived metabolite, methylglyoxal, modulates the longevity of <i>C. elegans</i> through TORC2/SGK-1/DAF-16 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17142-17150.	3.3	22
26	SLA-1 Genetic Diversity in Pigs: Extensive Analysis of Copy Number Variation, Heterozygosity, Expression, and Breed Specificity. <i>Scientific Reports</i> , 2020, 10, 743.	1.6	14
27	Anisotropic Platinum Nanoparticle-Induced Cytotoxicity, Apoptosis, Inflammatory Response, and Transcriptomic and Molecular Pathways in Human Acute Monocytic Leukemia Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 440.	1.8	26
28	Protegrin-1 cytotoxicity towards mammalian cells positively correlates with the magnitude of conformational changes of the unfolded form upon cell interaction. <i>Scientific Reports</i> , 2019, 9, 11569.	1.6	29
29	CD14 is a unique membrane marker of porcine spermatogonial stem cells, regulating their differentiation. <i>Scientific Reports</i> , 2019, 9, 9980.	1.6	11
30	Evaluation of Graphene Oxide Induced Cellular Toxicity and Transcriptome Analysis in Human Embryonic Kidney Cells. <i>Nanomaterials</i> , 2019, 9, 969.	1.9	65
31	Generation of Mouse Parthenogenetic Epiblast Stem Cells and Their Imprinting Patterns. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5428.	1.8	3
32	Derivation of primitive neural stem cells from human-induced pluripotent stem cells. <i>Journal of Comparative Neurology</i> , 2019, 527, 3023-3033.	0.9	3
33	Cytotoxicity and Transcriptomic Analyses of Biogenic Palladium Nanoparticles in Human Ovarian Cancer Cells (SKOV3). <i>Nanomaterials</i> , 2019, 9, 787.	1.9	36
34	Development of a simple SLA copy number variation typing and the comparison of typing accuracy between real-time quantitative and droplet digital PCR. <i>Animal Genetics</i> , 2019, 50, 315-316.	0.6	3
35	Roles of microRNAs in mammalian reproduction: from the commitment of germ cells to perimplantation embryos. <i>Biological Reviews</i> , 2019, 94, 415-438.	4.7	94
36	Copy number variation of PR-39 cathelicidin, and identification of PR-35, a natural variant of PR-39 with reduced mammalian cytotoxicity. <i>Gene</i> , 2019, 692, 88-93.	1.0	14

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37	Analysis of allele-specific expression using RNA-seq of the Korean native pig and Landrace reciprocal cross. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 1816-1825.	2.4	5
38	Species-specific expression of phosphoglycerate kinase 2 (PGK2) in the developing porcine testis. <i>Theriogenology</i> , 2018, 110, 158-167.	0.9	8
39	A novel mouse model of atopic dermatitis that is T helper 2 (Th2)-polarized by an epicutaneous allergen. <i>Environmental Toxicology and Pharmacology</i> , 2018, 58, 122-130.	2.0	4
40	Zinc-mediated Reversible Multimerization of Hsp31 Enhances the Activity of Holding Chaperone. <i>Journal of Molecular Biology</i> , 2018, 430, 1760-1772.	2.0	7
41	Expression patterns and role of SDF-1/CXCR4 axis in boar spermatogonial stem cells. <i>Theriogenology</i> , 2018, 113, 221-228.	0.9	8
42	Determination of complete sequence information of the human ABO blood group orthologous gene in pigs and breed difference in blood type frequencies. <i>Gene</i> , 2018, 640, 1-5.	1.0	10
43	Cytotoxicity and Transcriptomic Analysis of Silver Nanoparticles in Mouse Embryonic Fibroblast Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3618.	1.8	68
44	Analysis of peptide-SLA binding by establishing immortalized porcine alveolar macrophage cells with different SLA class II haplotypes. <i>Veterinary Research</i> , 2018, 49, 96.	1.1	7
45	The novel cathelicidin of naked mole rats, Hg-CATH, showed potent antimicrobial activity and low cytotoxicity. <i>Gene</i> , 2018, 676, 164-170.	1.0	16
46	Characterization of male germ cell markers in canine testis. <i>Animal Reproduction Science</i> , 2017, 182, 1-8.	0.5	17
47	Nonviral Genome Editing Based on a Polymer-Derivatized CRISPR Nanocomplex for Targeting Bacterial Pathogens and Antibiotic Resistance. <i>Bioconjugate Chemistry</i> , 2017, 28, 957-967.	1.8	128
48	Backbone resonance assignments of the Escherichia coli 62 kDa protein, Hsp31. <i>Biomolecular NMR Assignments</i> , 2017, 11, 159-163.	0.4	3
49	Generation and characterization of mouse knockout for glyoxalase 1. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 460-465.	1.0	27
50	Genomewide Analysis of the Antimicrobial Peptides in Python bivittatus and Characterization of Cathelicidins with Potent Antimicrobial Activity and Low Cytotoxicity. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	36
51	Stage-specific expression of Sal-like protein 4 in boar testicular germ cells. <i>Theriogenology</i> , 2017, 101, 44-52.	0.9	8
52	The cytotoxic effects of dimethyl sulfoxide in mouse preimplantation embryos: a mechanistic study. <i>Theranostics</i> , 2017, 7, 4735-4752.	4.6	59
53	Bacterial Responses to Glyoxal and Methylglyoxal: Reactive Electrophilic Species. <i>International Journal of Molecular Sciences</i> , 2017, 18, 169.	1.8	55
54	Production of transgenic pig as an Alzheimer's disease model using a multi-cistronic vector system. <i>PLoS ONE</i> , 2017, 12, e0177933.	1.1	25

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55	Î2-microglobulin gene duplication in cetartiodactyla remains intact only in pigs and possibly confers selective advantage to the species. PLoS ONE, 2017, 12, e0182322.	1.1	8
56	Recombination activating gene-2null severe combined immunodeficient pigs and mice engraft human induced pluripotent stem cells differently. Oncotarget, 2017, 8, 69398-69407.	0.8	15
57	Biochanin A Ameliorates Arsenic-Induced Hepato- and Hematotoxicity in Rats. Molecules, 2016, 21, 69.	1.7	45
58	Identification of Putative Biomarkers for the Early Stage of Porcine Spermatogonial Stem Cells Using Next-Generation Sequencing. PLoS ONE, 2016, 11, e0147298.	1.1	12
59	Green fluorescent protein as a scaffold for high efficiency production of functional bacteriotoxic proteins in Escherichia coli. Scientific Reports, 2016, 6, 20661.	1.6	22
60	Screening for Escherichia coli K-12 genes conferring glyoxal resistance or sensitivity by transposon insertions. FEMS Microbiology Letters, 2016, 363, fnw199.	0.7	4
61	In Vivo Generation of Neural Stem Cells Through Teratoma Formation. Stem Cells and Development, 2016, 25, 1311-1317.	1.1	10
62	Cationic lipid-nanoceria hybrids, a novel nonviral vector-mediated gene delivery into mammalian cells: investigation of the cellular uptake mechanism. Scientific Reports, 2016, 6, 29197.	1.6	49
63	Hypoxia-mediated autophagic flux inhibits silver nanoparticle-triggered apoptosis in human lung cancer cells. Scientific Reports, 2016, 6, 21688.	1.6	79
64	Efficient delivery of C/EBP beta gene into human mesenchymal stem cells via polyethylenimine-coated gold nanoparticles enhances adipogenic differentiation. Scientific Reports, 2016, 6, 33784.	1.6	30
65	Vitrified canine testicular cells allow the formation of spermatogonial stem cells and seminiferous tubules following their xenotransplantation into nude mice. Scientific Reports, 2016, 6, 21919.	1.6	20
66	Characterization of the Escherichia coli YajL, YhbO and ElbB glyoxalases. FEMS Microbiology Letters, 2016, 363, fnv239.	0.7	16
67	Analysis of the vomeronasal receptor repertoire, expression and allelic diversity in swine. Genomics, 2016, 107, 208-215.	1.3	14
68	Effects of natural resistance-associated macrophage protein 1 and toll-like receptor 2 gene polymorphisms on post-weaning piglet survivability. Genes and Genomics, 2016, 38, 171-178.	0.5	2
69	Male- and female-derived somatic and germ cell-specific toxicity of silver nanoparticles in mouse. Nanotoxicology, 2016, 10, 361-373.	1.6	74
70	Partial loss of interleukin 2 receptor gamma function in pigs provides mechanistic insights for the study of human immunodeficiency syndrome. Oncotarget, 2016, 7, 50914-50926.	0.8	8
71	Rapamycin ameliorates chitosan nanoparticle-induced developmental defects of preimplantation embryos in mice. Oncotarget, 2016, 7, 74658-74677.	0.8	13
72	Internalization of silver nanoparticles into mouse spermatozoa results in poor fertilization and compromised embryo development. Scientific Reports, 2015, 5, 11170.	1.6	59

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73	Adult porcine genome-wide DNA methylation patterns support pigs as a biomedical model. BMC Genomics, 2015, 16, 743.	1.2	96
74	Genome-wide analysis of DNA methylation in pigs using reduced representation bisulfite sequencing. DNA Research, 2015, 22, 343-355.	1.5	72
75	Sequence variations of the locus-specific 5' untranslated regions of SLA class I genes and the development of a comprehensive genomic DNA-based high-resolution typing method for SLA. Tissue Antigens, 2015, 86, 255-266.	1.0	8
76	A novel protein quality control mechanism contributes to heat shock resistance of worldwide distributed <i>Pseudomonas aeruginosa</i> clone C strains. Environmental Microbiology, 2015, 17, 4511-4526.	1.8	36
77	Analysis of children's posture for the bodily kinesthetic test. , 2015, , .		2
78	CMP-Neu5Ac Hydroxylase Null Mice as a Model for Studying Metabolic Disorders Caused by the Evolutionary Loss of Neu5Gc in Humans. BioMed Research International, 2015, 2015, 1-16.	0.9	8
79	Distance-invariant automatic engagement level recognition using visual cues. Proceedings of SPIE, 2015, , .	0.8	0
80	Markerless human body pose estimation from consumer depth cameras for simulator. , 2015, , .		0
81	StopBankun: Countermeasure of app replacement attack on Android. , 2015, , .		1
82	Development of a simultaneous high resolution typing method for three SLA class II genes, SLA-DQA, SLA-DQB1, and SLA-DRB1 and the analysis of SLA class II haplotypes. Gene, 2015, 564, 228-232.	1.0	23
83	Pifithrin-1 ameliorates resveratrol-induced two-cell block in mouse preimplantation embryos in vitro. Theriogenology, 2015, 83, 862-873.	0.9	6
84	Genetic Diversity and mRNA Expression of Porcine MHC Class I Chain-Related 2 (SLA-MIC2) Gene and Development of a High-Resolution Typing Method. PLoS ONE, 2015, 10, e0135922.	1.1	3
85	Lack of Cytosolic Carboxypeptidase 1 Leads to Subfertility due to the Reduced Number of Antral Follicles in pcd3j- Females. PLoS ONE, 2015, 10, e0139557.	1.1	4
86	Per-deuteration and NMR experiments for the backbone assignment of 62 kDa protein, Hsp31. Journal of the Korean Magnetic Resonance Society, 2015, 19, 112-118.	0.1	2
87	Automatic Engagement Level Estimation of Kids in a Learning Environment. International Journal of Machine Learning and Computing, 2015, 5, 148-152.	0.8	5
88	Stereospecific mechanism of DJ-1 glyoxalases inferred from their hemithioacetal-containing crystal structures. FEBS Journal, 2014, 281, 5447-5462.	2.2	36
89	Defining the genetic relationship of protegrin-related sequences and the in vivo expression of protegrins. FEBS Journal, 2014, 281, 5420-5431.	2.2	11
90	Engraftment of human iPS cells and allogeneic porcine cells into pigs with inactivated RAG2 and accompanying severe combined immunodeficiency. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7260-7265.	3.3	99

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91	Motion artifact reduction in PPG signals from face: Face tracking & stochastic state space modeling approach. , 2014, 2014, 3280-3.		2
92	Evaluation of reference genes in mouse preimplantation embryos for gene expression studies using real-time quantitative RT-PCR (RT-qPCR). BMC Research Notes, 2014, 7, 675.	0.6	15
93	Activation of Peroxisome Proliferator-Activated Receptor γ Inhibits Angiotensin II-Induced Activation of Matrix Metalloproteinase-2 in Vascular Smooth Muscle Cells. Journal of Vascular Research, 2014, 51, 221-230.	0.6	10
94	Inter- and intra-population genetic divergence of East Asian cattle populations: focusing on Korean cattle. Genes and Genomics, 2014, 36, 261-265.	0.5	4
95	Minke whale genome and aquatic adaptation in cetaceans. Nature Genetics, 2014, 46, 88-92.	9.4	227
96	Sodium hypochlorite-mediated inactivation of Cronobacter spp. biofilms on conveyor belt chips. Food Science and Biotechnology, 2014, 23, 1893-1896.	1.2	8
97	Peroxisome proliferator-activated receptor γ modulates MMP-2 secretion and elastin expression in human dermal fibroblasts exposed to ultraviolet B radiation. Journal of Dermatological Science, 2014, 76, 44-50.	1.0	19
98	Ligand-activated PPAR γ modulates the migration and invasion of melanoma cells by regulating Snail expression. American Journal of Cancer Research, 2014, 4, 674-82.	1.4	15
99	Novel regulatory system <i>nemRA</i> for electrophile reduction in <i>Escherichia coli</i> ... <i>K</i> . Molecular Microbiology, 2013, 88, 395-412.	1.2	40
100	Mutations upregulating the <i>flhDC</i> operon of <i>Escherichia coli</i> K-12. Journal of Microbiology, 2013, 51, 140-144.	1.3	22
101	Glyoxal detoxification in <i>Escherichia coli</i> K-12 by NADPH dependent aldo-keto reductases. Journal of Microbiology, 2013, 51, 527-530.	1.3	14
102	Structural alteration of <i>Escherichia coli</i> Hsp31 by thermal unfolding increases chaperone activity. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 621-628.	1.1	7
103	DJR-1.2 of <i>Caenorhabditis elegans</i> is induced by DAF-16 in the dauer state. Gene, 2013, 524, 373-376.	1.0	8
104	Analysis of cattle olfactory subgenome: the first detail study on the characteristics of the complete olfactory receptor repertoire of a ruminant. BMC Genomics, 2013, 14, 596.	1.2	46
105	Novel glyoxalases from <i>Arabidopsis thaliana</i> . FEBS Journal, 2013, 280, 3328-3339.	2.2	74
106	PPAR γ Inhibits UVB-Induced Secretion of MMP-1 through MKP-7-Mediated Suppression of JNK Signaling. Journal of Investigative Dermatology, 2013, 133, 2593-2600.	0.3	27
107	Chitosan Nanoparticles Cause Pre- and Postimplantation Embryo Complications in Mice ¹ . Biology of Reproduction, 2013, 88, 88.	1.2	26
108	Identification and classification of feline endogenous retroviruses in the cat genome using degenerate PCR and in silico data analysis. Journal of General Virology, 2013, 94, 1587-1596.	1.3	14

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109	Automatic number recognition for bus route information aid for the visually-impaired. , 2013, , .		3
110	Alpha (1,2)-Fucosyltransferase M307A Polymorphism Improves Piglet Survival. <i>Animal Biotechnology</i> , 2013, 24, 243-250.	0.7	2
111	Multi-view Facial Expression Recognition Using Parametric Kernel Eigenspace Method Based on Class Features. , 2013, , .		6
112	Altered protein profiles in human umbilical cords with preterm and full-term delivery. <i>Electrophoresis</i> , 2013, 34, 493-500.	1.3	2
113	Real-time user pose verification in a depth image for simulator. , 2013, , .		1
114	Production of biallelic CMP-Neu5Ac hydroxylase knock-out pigs. <i>Scientific Reports</i> , 2013, 3, 1981.	1.6	82
115	Intraovarian transplantation of primordial follicles fails to rescue chemotherapy injured ovaries. <i>Scientific Reports</i> , 2013, 3, 1384.	1.6	28
116	TRIM11 Negatively Regulates IFN γ Production and Antiviral Activity by Targeting TBK1. <i>PLoS ONE</i> , 2013, 8, e63255.	1.1	46
117	Hybrid Facial Representations for Emotion Recognition. <i>ETRI Journal</i> , 2013, 35, 1021-1028.	1.2	14
118	Ablation of <i>Rassf2</i> induces bone defects and subsequent haematopoietic anomalies in mice. <i>EMBO Journal</i> , 2012, 31, 1147-1159.	3.5	36
119	Activation of Peroxisome Proliferator-Activated Receptor γ by Rosiglitazone Inhibits Lipopolysaccharide-Induced Release of High Mobility Group Box 1. <i>Mediators of Inflammation</i> , 2012, 2012, 1-9.	1.4	36
120	Ligand-activated PPAR γ inhibits UVB-induced senescence of human keratinocytes via PTEN-mediated inhibition of superoxide production. <i>Biochemical Journal</i> , 2012, 444, 27-38.	1.7	26
121	β 1,3-Galactosyltransferase Deficiency in Germ-Free Miniature Pigs Increases <i>N</i> -Glycolylneuraminic Acids As the Xenoantigenic Determinant in Pig-Human Xenotransplantation. <i>Cellular Reprogramming</i> , 2012, 14, 353-363.	0.5	26
122	Facial expression recognition for detecting children's likes and dislikes. , 2012, , .		2
123	Isolation and Characterization of Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) in Retail Edible Beef By-products. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 145-149.	0.8	5
124	Human DJ-1 and its homologs are novel glyoxalases. <i>Human Molecular Genetics</i> , 2012, 21, 3215-3225.	1.4	221
125	Genomic Rearrangements Leading to Overexpression of Aldo-Keto Reductase <i>YafB</i> of <i>Escherichia coli</i> Confer Resistance to Glyoxal. <i>Journal of Bacteriology</i> , 2012, 194, 1979-1988.	1.0	7
126	Activation of PPAR γ counteracts angiotensin II-induced ROS generation by inhibiting <i>rac1</i> translocation in vascular smooth muscle cells. <i>Free Radical Research</i> , 2012, 46, 912-919.	1.5	28

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127	Analyses of pig genomes provide insight into porcine demography and evolution. <i>Nature</i> , 2012, 491, 393-398.	13.7	1,190
128	Assurance of mitochondrial integrity and mammalian longevity by the p62 ^{Keap1} -Nrf2 ^{Nqo1} cascade. <i>EMBO Reports</i> , 2012, 13, 150-156.	2.0	126
129	Development of RNA aptamers for detection of <i>Salmonella</i> Enteritidis. <i>Journal of Microbiological Methods</i> , 2012, 89, 79-82.	0.7	44
130	Comprehensive and high-resolution typing of swine leukocyte antigen <i>DQA</i> from genomic DNA and determination of 25 new <i>SLA</i> class II haplotypes. <i>Tissue Antigens</i> , 2012, 80, 528-535.	1.0	20
131	Genome-level identification, gene expression, and comparative analysis of porcine β -defensin genes. <i>BMC Genetics</i> , 2012, 13, 98.	2.7	38
132	The complete swine olfactory subgenome: expansion of the olfactory gene repertoire in the pig genome. <i>BMC Genomics</i> , 2012, 13, 584.	1.2	91
133	The PPAR γ -mediated inhibition of angiotensin II-induced premature senescence in human endothelial cells is SIRT1-dependent. <i>Biochemical Pharmacology</i> , 2012, 84, 1627-1634.	2.0	61
134	Development of a suicidal vector-cloning system based on butanal susceptibility due to an expression of YqhD aldehyde reductase. <i>Journal of Microbiology</i> , 2012, 50, 249-255.	1.3	5
135	Identification and classification of endogenous retroviruses in the canine genome using degenerative PCR and in-silico data analysis. <i>Virology</i> , 2012, 422, 195-204.	1.1	13
136	Altered Gene Expression Profiles in Mouse Tetraploid Blastocysts. <i>Journal of Reproduction and Development</i> , 2012, 58, 344-352.	0.5	7
137	Development of Real-Time PCR for the Detection of <i>Clostridium perfringens</i> in Meats and Vegetables. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 530-534.	0.9	25
138	Characterization of a putative cis-regulatory element that controls transcriptional activity of the pig uroplakin II gene promoter. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 264-269.	1.0	4
139	Systematic analysis of swine leukocyte antigen <i>DRB1</i> nucleotide polymorphisms using genomic DNA-based high-resolution genotyping and identification of new alleles. <i>Tissue Antigens</i> , 2011, 77, 572-583.	1.0	21
140	Hsp31 of <i>Escherichia coli</i> α 2 is glyoxalase III. <i>Molecular Microbiology</i> , 2011, 81, 926-936.	1.2	107
141	Abnormal Sperm Development in <i>pcd3j</i> ^{-/-} Mice: the Importance of <i>Agtppb1</i> in Spermatogenesis. <i>Molecules and Cells</i> , 2011, 31, 39-48.	1.0	16
142	Developmental arrest of scNT α -derived fetuses by disruption of the developing endometrial gland as a result of impaired trophoblast migration and invasiveness. <i>Developmental Dynamics</i> , 2011, 240, 627-639.	0.8	9
143	Chromosome remodeling and differentiation of tetraploid embryos during preimplantation development. <i>Developmental Dynamics</i> , 2011, 240, 1660-1669.	0.8	12
144	Prevalence, Antibiotic Resistance, and Molecular Characterization of <i>Salmonella</i> Serovars in Retail Meat Products. <i>Journal of Food Protection</i> , 2011, 74, 161-166.	0.8	76

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145	Rapid Determination of Perv Copy Number From Porcine Genomic DNA by Real-Time Polymerase Chain Reaction. <i>Animal Biotechnology</i> , 2011, 22, 175-180.	0.7	18
146	Alpha 1,3-Galactosyltransferase Deficiency in Pigs Increases Sialyltransferase Activities That Potentially Raise Non-Gal Xenoantigenicity. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-8.	3.0	23
147	Rapid Detection Method for Hepatitis A Virus from Lettuce by a Combination of Filtration and Integrated Cell Culture-Real-Time Reverse Transcription PCR. <i>Journal of Food Protection</i> , 2011, 74, 1756-1761.	0.8	13
148	A Wrist-Type Fall Detector with Statistical Classifier for the Elderly Care. <i>KSII Transactions on Internet and Information Systems</i> , 2011, 5, .	0.7	3
149	Establishment of a Resource Population of SLA Haplotype-Defined Korean Native Pigs. <i>Molecules and Cells</i> , 2010, 29, 493-500.	1.0	16
150	A simple, rapid, efficient and inexpensive strategy for sequencing clones from cDNA libraries. <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 817-821.	1.4	1
151	Localization of 31 porcine transcripts to the pig genome by SSRH radiation hybrid mapping. <i>Genes and Genomics</i> , 2010, 32, 319-326.	0.5	0
152	Development of multiplex real-time PCR with Internal amplification control for simultaneous detection of Salmonella and Cronobacter in powdered infant formula. <i>International Journal of Food Microbiology</i> , 2010, 144, 177-181.	2.1	46
153	Male-like sexual behavior of female mouse lacking fucose mutarotase. <i>BMC Genetics</i> , 2010, 11, 62.	2.7	10
154	A metazoan ortholog of SpoT hydrolyzes ppGpp and functions in starvation responses. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1188-1194.	3.6	112
155	Simple and comprehensive SLA-DQB1 genotyping using genomic PCR and direct sequencing. <i>Tissue Antigens</i> , 2010, 76, 301-310.	1.0	22
156	Evaluation of PCR inhibitory effect of enrichment broths and comparison of DNA extraction methods for detection of Salmonella Enteritidis using real-time PCR assay. <i>Journal of Veterinary Science</i> , 2010, 11, 143.	0.5	26
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