

Kyu-Tae Chang

List of Publications by Year in descending order

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37
papers

691
citations

687363

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1283
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel crosstalk between Vps26a and Nox4 signaling during neurogenesis. <i>Cell Death and Differentiation</i> , 2019, 26, 1582-1599.	11.2	8
2	In vivo study of paraspinal muscle weakness using botulinum toxin in one primate model. <i>Clinical Biomechanics</i> , 2018, 53, 1-6.	1.2	7
3	Distinct gating mechanism of SOC channel involving STIM-Orai coupling and an intramolecular interaction of Orai in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4623-E4632.	7.1	13
4	The effects of kinase modulation on in vitro maturation according to different cumulus-oocyte complex morphologies. <i>PLoS ONE</i> , 2018, 13, e0205495.	2.5	14
5	Iloprost supports early development of in vitro-produced porcine embryos through activation of the phosphatidylinositol 3-kinase/AKT signalling pathway. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1306.	0.4	13
6	Tyrphostin A9 improves blastocyst development in porcine embryos through induction of dynamin-related protein 1-dependent mitochondrial fission. <i>Mitochondrion</i> , 2017, 35, 80-86.	3.4	8
7	Identification and characterization of the tyrosinase gene (TYR) and its transcript variants (TYR_1) Tj ETQq1 1 0.784314 rgBT /Overl	2.2	12
8	Withaferin A inhibits the proliferation of gastric cancer cells by inducing G2/M cell cycle arrest and apoptosis. <i>Oncology Letters</i> , 2017, 14, 416-422.	1.8	33
9	Sustained diffusion reversal with in-bore reperfusion in monkey stroke models: Confirmed by prospective magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2002-2012.	4.3	20
10	Native plants (<i>Phellodendron amurense</i> and <i>Humulus japonicus</i>) extracts act as antioxidants to support developmental competence of bovine blastocysts. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017, 30, 1245-1252.	2.4	10
11	Dual effect of fetal bovine serum on early development depends on stage-specific reactive oxygen species demands in pigs. <i>PLoS ONE</i> , 2017, 12, e0175427.	2.5	25
12	Alu-Derived Alternative Splicing Events Specific to Macaca Lineages in CTSF Gene. <i>Molecules and Cells</i> , 2017, 40, 100-108.	2.6	5
13	Superovulatory responses in cynomolgus monkeys (<i>Macaca fascicularis</i>) depend on the interaction between donor status and superovulation method used. <i>Journal of Reproduction and Development</i> , 2017, 63, 149-155.	1.4	8
14	Inhibitory effect of 1-tetradecanol on <i>Helicobacter pylori</i> -induced production of interleukin-8 and vascular endothelial growth factor in gastric epithelial cells. <i>Molecular Medicine Reports</i> , 2017, 16, 9573-9578.	2.4	10
15	Identification of Alternative Variants and Insertion of the Novel Polymorphic AluY117 in TSEN54 Gene during Primate Evolution. <i>International Journal of Genomics</i> , 2016, 2016, 1-10.	1.6	4
16	Macaca specific exon creation event generates a novel ZKSCAN5 transcript. <i>Gene</i> , 2016, 577, 236-243.	2.2	8
17	GRK5-Knockout Mice Generated by TALEN-Mediated Gene Targeting. <i>Animal Biotechnology</i> , 2016, 27, 223-230.	1.5	6
18	Identification of novel protein tyrosine phosphatase sigma inhibitors promoting neurite extension. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 87-93.	2.2	6

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19	Organization of the Mammalian Metabolome according to Organ Function, Lineage Specialization, and Longevity. <i>Cell Metabolism</i> , 2015, 22, 332-343.	16.2	104
20	Quantitative Expression Analysis of APP Pathway and Tau Phosphorylation-Related Genes in the ICV STZ-Induced Non-Human Primate Model of Sporadic Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2015, 16, 2386-2402.	4.1	33
21	The evolutionary dynamics of highly pathogenic avian influenza H5N1 in south-central Vietnam reveals multiple clades evolving from Chinese and Cambodian viruses. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2015, 42, 21-30.	1.6	6
22	Exogenous β -tocotrienol promotes preimplantation development and improves the quality of porcine embryos. <i>Reproduction, Fertility and Development</i> , 2015, 27, 481.	0.4	13
23	Gain of a New Exon by a Lineage-Specific Alu Element-Integration Event in the BCS1L Gene during Primate Evolution. <i>Molecules and Cells</i> , 2015, 38, 950-958.	2.6	13
24	Repeated Superovulation via PMSG/hCG Administration Induces 2-Cys Peroxiredoxins Expression and Overoxidation in the Reproductive Tracts of Female Mice. <i>Molecules and Cells</i> , 2015, 38, 1071-1078.	2.6	15
25	Induction of autophagy during in vitro maturation improves the nuclear and cytoplasmic maturation of porcine oocytes. <i>Reproduction, Fertility and Development</i> , 2014, 26, 974.	0.4	44
26	Characterization of pig sperm hyaluronidase and improvement of the digestibility of cumulus cell mass by recombinant pSPAM1 hyaluronidase in an in vitro fertilization assay. <i>Animal Reproduction Science</i> , 2014, 150, 107-114.	1.5	13
27	Developmental Competence of Bovine Early Embryos Depends on the Coupled Response Between Oxidative and Endoplasmic Reticulum Stress1. <i>Biology of Reproduction</i> , 2014, 90, 104.	2.7	61
28	Valproic acid enhances early development of bovine somatic cell nuclear transfer embryos by alleviating endoplasmic reticulum stress. <i>Reproduction, Fertility and Development</i> , 2014, 26, 432.	0.4	20
29	Effect of gangliosides on LPS stimulation and nitric oxide release in porcine kidney cell line PK15. <i>Animal Cells and Systems</i> , 2013, 17, 341-347.	2.2	1
30	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.	2.5	18
31	New Prophylactic and Therapeutic Strategies for Spinal Cord Injury. <i>Journal of Lifestyle Medicine</i> , 2013, 3, 34-40.	0.8	3
32	Large-scale transcriptome sequencing and gene analyses in the crab-eating macaque (<i>Macaca Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22</i>)	2.8	32
33	Alu-Derived Old World Monkeys Exonization Event and Experimental Validation of the LEPR Gene. <i>Molecules and Cells</i> , 2010, 30, 201-208.	2.6	14
34	Lineage specific evolutionary events on SFTPB gene: Alu recombination-mediated deletion (ARMD), exonization, and alternative splicing events. <i>Gene</i> , 2009, 435, 29-35.	2.2	15
35	Selection of internal reference genes for SYBR green qRT-PCR studies of rhesus monkey (<i>Macaca Tj ETQq1 1 0.784314 rgBT /Overlock 1</i>)	3.0	75
36	Identification of a Binding Domain in Non-human Primate (<i>Macaca fascicularis</i>) ADAM2 for Hetero Complex.. <i>Biology of Reproduction</i> , 2008, 78, 167-168.	2.7	0

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37	Regioselective synthesis of pyrazoles via the ring cleavage of 3-substituted N-alkylated 3-hydroxyisoindolin-1-ones. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 207-210.	1.3	1