

Kyu-Tae Chang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1683791/publications.pdf>

Version: 2024-02-01

37
papers

691
citations

687363

13
h-index

580821

25
g-index

37
all docs

37
docs citations

37
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	Organization of the Mammalian Metabolome according to Organ Function, Lineage Specialization, and Longevity. <i>Cell Metabolism</i> , 2015, 22, 332-343.	16.2	104
2	Selection of internal reference genes for SYBR green qRT-PCR studies of rhesus monkey (<i>Macaca Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>)	3.0	75
3	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
4	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
5	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
6	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
7	Large-scale transcriptome sequencing and gene analyses in the crab-eating macaque (<i>Macaca Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>)	2.8	32
8	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
9	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
10	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
11	Selection of New Appropriate Reference Genes for RT-qPCR Analysis via Transcriptome Sequencing of <i>Cynomolgus</i> Monkeys (<i>Macaca fascicularis</i>). <i>PLoS ONE</i> , 2013, 8, e60758.	2.5	18
12	Lineage specific evolutionary events on SFTP8 gene: Alu recombination-mediated deletion (ARMD), exonization, and alternative splicing events. <i>Gene</i> , 2009, 435, 29-35.	2.2	15
13	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
14	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
15	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
16	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
17	Exogenous Î³-tocotrienol promotes preimplantation development and improves the quality of porcine embryos. <i>Reproduction, Fertility and Development</i> , 2015, 27, 481.	0.4	13
18	lloprost 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

#	ARTICLE	IF	CITATIONS
19	Distinct gating mechanism of SOC channel involving STIM-Orai coupling and an intramolecular interaction of Orai in <i>Caenorhabditis elegans</i> . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4623-E4632.	7.1	13
20	Gain of a New Exon by a Lineage-Specific Alu Element-Integration Event in the BCS1L Gene during Primate Evolution. Molecules and Cells, 2015, 38, 950-958.	2.6	13
21	Identification and characterization of the tyrosinase gene (TYR) and its transcript variants (TYR_1) Tj ETQq1 1 0.784314 rgBT /Overl	2.2	12
22	Native plants (Phellodendron amurense and Humulus japonicus) extracts act as antioxidants to support developmental competence of bovine blastocysts. Asian-Australasian Journal of Animal Sciences, 2017, 30, 1245-1252.	2.4	10
23	Inhibitory effect of 1-tetradecanol on Helicobacter pylori-induced production of interleukin-8 and vascular endothelial growth factor in gastric epithelial cells. Molecular Medicine Reports, 2017, 16, 9573-9578.	2.4	10
24	Macaca specific exon creation event generates a novel ZKSCAN5 transcript. Gene, 2016, 577, 236-243.	2.2	8
25	Tyrphostin A9 improves blastocyst development in porcine embryos through induction of dynamin-related protein 1-dependent mitochondrial fission. Mitochondrion, 2017, 35, 80-86.	3.4	8
26	Superovulatory responses in cynomolgus monkeys (<i>Macaca fascicularis</i>) depend on the interaction between donor status and superovulation method used. Journal of Reproduction and Development, 2017, 63, 149-155.	1.4	8
27	Novel crosstalk between Vps26a and Nox4 signaling during neurogenesis. Cell Death and Differentiation, 2019, 26, 1582-1599.	11.2	8
28	In vivo study of paraspinal muscle weakness using botulinum toxin in one primate model. Clinical Biomechanics, 2018, 53, 1-6.	1.2	7
29	The evolutionary dynamics of highly pathogenic avian influenza H5N1 in south-central Vietnam reveals multiple clades evolving from Chinese and Cambodian viruses. Comparative Immunology, Microbiology and Infectious Diseases, 2015, 42, 21-30.	1.6	6
30	GRK5-Knockout Mice Generated by TALEN-Mediated Gene Targeting. Animal Biotechnology, 2016, 27, 223-230.	1.5	6
31	Identification of novel protein tyrosine phosphatase sigma inhibitors promoting neurite extension. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 87-93.	2.2	6
32	Alu-Derived Alternative Splicing Events Specific to Macaca Lineages in CTSF Gene. Molecules and Cells, 2017, 40, 100-108.	2.6	5
33	Identification of Alternative Variants and Insertion of the Novel Polymorphic AluYI17 in TSEN54 Gene during Primate Evolution. International Journal of Genomics, 2016, 2016, 1-10.	1.6	4
34	New Prophylactic and Therapeutic Strategies for Spinal Cord Injury. Journal of Lifestyle Medicine, 2013, 3, 34-40.	0.8	3
35	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
36	Effect of gangliosides on LPS stimulation and nitric oxide release in porcine kidney cell line PK15. Animal Cells and Systems, 2013, 17, 341-347.	2.2	1

#	ARTICLE	IF	CITATIONS
37	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