Hoon Taek Lee

List of Publications by Year
in descending order

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Version: 2024-02-01

43 papers	778 citations	430874 18 h-index	552781 26 g-index
44 all docs	44 docs citations	44 times ranked	1154 citing authors

#	Article	IF	Citations
1	Differential susceptibility to lipopolysaccharide affects the activation of toll-like-receptor 4 signaling in THP-1 cells and PMA-differentiated THP-1 cells. Innate Immunity, 2022, 28, 122-129.	2.4	5
2	Human recombinant IL-10 reduces xenogenic cytotoxicity via macrophage M2 polarization. Biochemistry and Biophysics Reports, 2020, 24, 100857.	1.3	4
3	Comparative analysis of immune related genes between domestic pig and germ-free minipig. Laboratory Animal Research, 2020, 36, 44.	2.5	4
4	Association Between Functional Activity of Mitochondria and Actin Cytoskeleton Instability in Oocytes from Advanced Age Mice. Reproductive Sciences, 2020, 27, 1037-1046.	2.5	16
5	5-Azacytidine improves the meiotic maturation and subsequent in vitro development of pig oocytes. Animal Reproduction Science, 2019, 208, 106118.	1.5	14
6	Heterogeneity of porcine bone marrow-derived dendritic cells induced by GM-CSF. PLoS ONE, 2019, 14, e0223590.	2.5	8
7	Neogenin regulates mitochondrial activity in pre-implantation mouse embryos. Biochemical and Biophysical Research Communications, 2017, 482, 1060-1066.	2.1	3
8	The potentiating effect of <scp>hTFPI</scp> in the presence of <scp>hCD</scp>47 reduces the cytotoxicity of human macrophages. Xenotransplantation, 2017, 24, e12301.	2.8	12
9	Human galectinâ€9 on the porcine cells affects the cytotoxic activity of M1â€differentiated <scp>THP</scp>â€1 cells through inducing a shift in M2â€differentiated <scp>THP</scp>â€1 cells. Xenotransplantation, 2017, 24, e12305.	2.8	16
10	Sirtuin inhibition leads to autophagy and apoptosis in porcine preimplantation blastocysts. Biochemical and Biophysical Research Communications, 2017, 488, 603-608.	2.1	15
11	The effect of poly(ADP-ribosyl)ation inhibition on the porcine cumulus-oocyte complex during inÂvitro maturation. Biochemical and Biophysical Research Communications, 2017, 483, 752-758.	2.1	12
12	Characterization of Tetraploid Somatic Cell Nuclear Transfer-Derived Human Embryonic Stem Cells. Development & Reproduction, 2017, 21, 425-434.	0.4	2
13	Generation of Integration-free Induced Neural Stem Cells from Mouse Fibroblasts. Journal of Biological Chemistry, 2016, 291, 14199-14212.	3.4	24
14	The regulation of autophagy in porcine blastocysts: Regulation of PARylation-mediated autophagy via mammalian target of rapamycin complex 1 (mTORC1) signaling. Biochemical and Biophysical Research Communications, 2016, 473, 899-906.	2.1	9
15	Poly(ADPâ€ribosyl)ation is involved in proâ€survival autophagy in porcine blastocysts. Molecular Reproduction and Development, 2016, 83, 37-49.	2.0	19
16	Induced neural stem cells from distinct genetic backgrounds exhibit different reprogramming status. Stem Cell Research, 2016, 16, 460-468.	0.7	11
17	Efficiency of EGFR mutation analysis for small microdissected cytological specimens using multitech DNA extraction solution. Cancer Cytopathology, 2015, 123, 401-412.	2.4	2
18	FCMM: A comparative metagenomic approach for functional characterization of multiple metagenome samples. Journal of Microbiological Methods, 2015, 115, 121-128.	1.6	2

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19	Characterization of monoclonal antibodies against porcine pulmonary alveolar macrophages of gnotobiotic miniature swine. Biochemical and Biophysical Research Communications, 2015, 461, 427-434.	2.1	3
20	Establishment of major histocompatibility complex homozygous gnotobiotic miniature swine colony for xenotransplantation. Animal Science Journal, 2015, 86, 468-475.	1.4	6
21	EGFR Analysis in Cytologic Samples of Lung Adenocarcinoma by Microdissection. Korean Journal of Clinical Laboratory Science, 2015, 47, 125-131.	0.3	0
22	Evaluation of p16INK4a/Ki-67 Dual Immunostaining in Liquid-based Cytology for Diagnosis of Uterine Cervical Dysplasia and Cancer. Korean Journal of Clinical Laboratory Science, 2015, 47, 132-139.	0.3	1
23	Supplementation of insulinâ€“transferrinâ€“selenium to embryo culture medium improves the in vitro development of pig embryos. Zygote, 2014, 22, 411-418.	1.1	16
24	Direct conversion of mouse fibroblasts into induced neural stem cells. Nature Protocols, 2014, 9, 871-881.	12.0	69
25	Sequential sub-passage decreases the differentiation potential of canine adipose-derived mesenchymal stem cells. Research in Veterinary Science, 2014, 96, 267-275.	1.9	28
26	Possible involvement of Wnt/Î²-catenin signaling pathway in hatching and trophectoderm differentiation of pig blastocysts. Theriogenology, 2013, 79, 284-290.e2.	2.1	30
27	Possible involvement of Class III phosphatidylinositol-3-kinase in meiotic progression of porcine oocytes beyond germinal vesicle stage. Theriogenology, 2011, 75, 940-950.	2.1	10
28	Differential Genomic Imprinting and Expression of Imprinted microRNAs in Testes-Derived Male Germ-Line Stem Cells in Mouse. PLoS ONE, 2011, 6, e22481.	2.5	18
29	Glial cell line-derived neurotrophic factor alters the growth characteristics and genomic imprinting of mouse multipotent adult germline stem cells. Experimental Cell Research, 2010, 316, 747-761.	2.6	24
30	Lyophilized somatic cells direct embryonic development after whole cell intracytoplasmic injection into pig oocytes. Cryobiology, 2010, 61, 220-224.	0.7	33
31	Generation of insulin-producing cells from gnotobiotic porcine skin-derived stem cells. Biochemical and Biophysical Research Communications, 2010, 397, 679-684.	2.1	9
32	MicroRNA signature in testes-derived male germ-line stem cells. Molecular Human Reproduction, 2010, 16, 804-810.	2.8	37
33	H19 Gene Is Epigenetically Stable in Mouse Multipotent Germline Stem Cells. Molecules and Cells, 2009, 27, 635-640.	2.6	12
34	Proteomic analysis of parthenogenetic and in vitro fertilized porcine embryos. Proteomics, 2009, 9, 2846-2860.	2.2	30
35	Combining selected reaction monitoring with discovery proteomics in limited biological samples. Proteomics, 2009, 9, 4834-4836.	2.2	17
36	Role of nonessential amino acids on porcine embryos produced by parthenogenesis or somatic cell nuclear transfer. Molecular Reproduction and Development, 2008, 75, 588-597.	2.0	21

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37	Methylation status of putative differentially methylated regions of porcine IGF2 and H19. Molecular Reproduction and Development, 2008, 75, 777-784.	2.0	34
38	Sexual maturity and reproductive phase of oocyte donor influence the developmental ability and apoptosis of cloned and parthenogenetic porcine embryos. Animal Reproduction Science, 2008, 108, 107-121.	1.5	28
39	Embryo quality and production efficiency of porcine parthenotes is improved by phytohemagglutinin. Molecular Reproduction and Development, 2007, 74, 435-444.	2.0	34
40	Selenium improves the developmental ability and reduces the apoptosis in porcine parthenotes. Molecular Reproduction and Development, 2007, 74, 1386-1394.	2.0	51
41	Differential but beneficial effect of phytohemagglutinin on efficiency of in vitro porcine embryo production by somatic cell nuclear transfer or in vitro fertilization. Molecular Reproduction and Development, 2007, 74, 1557-1567.	2.0	20
42	Expression of enhanced green fluorescent protein in porcine- and bovine-cloned embryos following interspecies somatic cell nuclear transfer of fibroblasts transfected by retrovirus vector. Molecular Reproduction and Development, 2007, 74, 1538-1547.	2.0	39
43	Increase of ICSI efficiency with hyaluronic acid binding sperm for low aneuploidy frequency in pig. Theriogenology, 2005, 64, 1158-1169.	2.1	30