

Hoon Taek Lee

List of Publications by Year in descending order

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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	Direct conversion of mouse fibroblasts into induced neural stem cells. <i>Nature Protocols</i> , 2014, 9, 871-881.	12.0	69
2	Selenium improves the developmental ability and reduces the apoptosis in porcine parthenotes. <i>Molecular Reproduction and Development</i> , 2007, 74, 1386-1394.	2.0	51
3	Expression of enhanced green fluorescent protein in porcine- and bovine-cloned embryos following interspecies somatic cell nuclear transfer of fibroblasts transfected by retrovirus vector. <i>Molecular Reproduction and Development</i> , 2007, 74, 1538-1547.	2.0	39
4	MicroRNA signature in testes-derived male germ-line stem cells. <i>Molecular Human Reproduction</i> , 2010, 16, 804-810.	2.8	37
5	Embryo quality and production efficiency of porcine parthenotes is improved by phytohemagglutinin. <i>Molecular Reproduction and Development</i> , 2007, 74, 435-444.	2.0	34
6	Methylation status of putative differentially methylated regions of porcine <i>IGF2</i> and <i>H19</i> . <i>Molecular Reproduction and Development</i> , 2008, 75, 777-784.	2.0	34
7	Lyophilized somatic cells direct embryonic development after whole cell intracytoplasmic injection into pig oocytes. <i>Cryobiology</i> , 2010, 61, 220-224.	0.7	33
8	Increase of ICSI efficiency with hyaluronic acid binding sperm for low aneuploidy frequency in pig. <i>Theriogenology</i> , 2005, 64, 1158-1169.	2.1	30
9	Proteomic analysis of parthenogenetic and <i>in vitro</i> fertilized porcine embryos. <i>Proteomics</i> , 2009, 9, 2846-2860.	2.2	30
10	Possible involvement of Wnt/ β -catenin signaling pathway in hatching and trophectoderm differentiation of pig blastocysts. <i>Theriogenology</i> , 2013, 79, 284-290.e2.	2.1	30
11	Sexual maturity and reproductive phase of oocyte donor influence the developmental ability and apoptosis of cloned and parthenogenetic porcine embryos. <i>Animal Reproduction Science</i> , 2008, 108, 107-121.	1.5	28
12	Sequential sub-passage decreases the differentiation potential of canine adipose-derived mesenchymal stem cells. <i>Research in Veterinary Science</i> , 2014, 96, 267-275.	1.9	28
13	Glial cell line-derived neurotrophic factor alters the growth characteristics and genomic imprinting of mouse multipotent adult germline stem cells. <i>Experimental Cell Research</i> , 2010, 316, 747-761.	2.6	24
14	Generation of Integration-free Induced Neural Stem Cells from Mouse Fibroblasts. <i>Journal of Biological Chemistry</i> , 2016, 291, 14199-14212.	3.4	24
15	Role of nonessential amino acids on porcine embryos produced by parthenogenesis or somatic cell nuclear transfer. <i>Molecular Reproduction and Development</i> , 2008, 75, 588-597.	2.0	21
16	Differential but beneficial effect of phytohemagglutinin on efficiency of <i>in vitro</i> porcine embryo production by somatic cell nuclear transfer or <i>in vitro</i> fertilization. <i>Molecular Reproduction and Development</i> , 2007, 74, 1557-1567.	2.0	20
17	Poly(ADP-ribose)ylation is involved in pro-survival autophagy in porcine blastocysts. <i>Molecular Reproduction and Development</i> , 2016, 83, 37-49.	2.0	19
18	Differential Genomic Imprinting and Expression of Imprinted microRNAs in Testes-Derived Male Germ-Line Stem Cells in Mouse. <i>PLoS ONE</i> , 2011, 6, e22481.	2.5	18

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19	Combining selected reaction monitoring with discovery proteomics in limited biological samples. <i>Proteomics</i> , 2009, 9, 4834-4836.	2.2	17
20	Supplementation of insulinâ€“transferrinâ€“selenium to embryo culture medium improves the <i>in vitro</i> development of pig embryos. <i>Zygote</i> , 2014, 22, 411-418.	1.1	16
21	Human galectinâ€“9 on the porcine cells affects the cytotoxic activity of M1â€“differentiated THP-1 cells through inducing a shift in M2â€“differentiated THP-1 cells. <i>Xenotransplantation</i> , 2017, 24, e12305.	2.8	16
22	Association Between Functional Activity of Mitochondria and Actin Cytoskeleton Instability in Oocytes from Advanced Age Mice. <i>Reproductive Sciences</i> , 2020, 27, 1037-1046.	2.5	16
23	Sirtuin inhibition leads to autophagy and apoptosis in porcine preimplantation blastocysts. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 603-608.	2.1	15
24	5-Azacytidine improves the meiotic maturation and subsequent <i>in vitro</i> development of pig oocytes. <i>Animal Reproduction Science</i> , 2019, 208, 106118.	1.5	14
25	H19 Gene Is Epigenetically Stable in Mouse Multipotent Germline Stem Cells. <i>Molecules and Cells</i> , 2009, 27, 635-640.	2.6	12
26	The potentiating effect of hTFPI in the presence of hCD47 reduces the cytotoxicity of human macrophages. <i>Xenotransplantation</i> , 2017, 24, e12301.	2.8	12
27	The effect of poly(ADP-ribosylation) inhibition on the porcine cumulus-oocyte complex during <i>in vitro</i> maturation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 752-758.	2.1	12
28	Induced neural stem cells from distinct genetic backgrounds exhibit different reprogramming status. <i>Stem Cell Research</i> , 2016, 16, 460-468.	0.7	11
29	Possible involvement of Class III phosphatidylinositol-3-kinase in meiotic progression of porcine oocytes beyond germinal vesicle stage. <i>Theriogenology</i> , 2011, 75, 940-950.	2.1	10
30	Generation of insulin-producing cells from gnotobiotic porcine skin-derived stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 679-684.	2.1	9
31	The regulation of autophagy in porcine blastocysts: Regulation of PARylation-mediated autophagy via mammalian target of rapamycin complex 1 (mTORC1) signaling. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 899-906.	2.1	9
32	Heterogeneity of porcine bone marrow-derived dendritic cells induced by GM-CSF. <i>PLoS ONE</i> , 2019, 14, e0223590.	2.5	8
33	Establishment of major histocompatibility complex homozygous gnotobiotic miniature swine colony for xenotransplantation. <i>Animal Science Journal</i> , 2015, 86, 468-475.	1.4	6
34	Differential susceptibility to lipopolysaccharide affects the activation of toll-like-receptor 4 signaling in THP-1 cells and PMA-differentiated THP-1 cells. <i>Innate Immunity</i> , 2022, 28, 122-129.	2.4	5
35	Human recombinant IL-10 reduces xenogenic cytotoxicity via macrophage M2 polarization. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100857.	1.3	4
36	Comparative analysis of immune related genes between domestic pig and germ-free minipig. <i>Laboratory Animal Research</i> , 2020, 36, 44.	2.5	4

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37	Characterization of monoclonal antibodies against porcine pulmonary alveolar macrophages of gnotobiotic miniature swine. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 427-434.	2.1	3
38	Neogenin regulates mitochondrial activity in pre-implantation mouse embryos. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1060-1066.	2.1	3
39	Efficiency of <i>EGFR</i> mutation analysis for small microdissected cytological specimens using multitech DNA extraction solution. <i>Cancer Cytopathology</i> , 2015, 123, 401-412.	2.4	2
40	FCMM: A comparative metagenomic approach for functional characterization of multiple metagenome samples. <i>Journal of Microbiological Methods</i> , 2015, 115, 121-128.	1.6	2
41	Characterization of Tetraploid Somatic Cell Nuclear Transfer-Derived Human Embryonic Stem Cells. <i>Development & Reproduction</i> , 2017, 21, 425-434.	0.4	2
42	Evaluation of p16INK4a/Ki-67 Dual Immunostaining in Liquid-based Cytology for Diagnosis of Uterine Cervical Dysplasia and Cancer. <i>Korean Journal of Clinical Laboratory Science</i> , 2015, 47, 132-139.	0.3	1
43	EGFR Analysis in Cytologic Samples of Lung Adenocarcinoma by Microdissection. <i>Korean Journal of Clinical Laboratory Science</i> , 2015, 47, 125-131.	0.3	0