Dong Ryul Lee

List of Publications by Year
in descending order

54 papers	1,487 citations	361413 20 h-index	330143 37 g-index
54 all docs	54 docs citations	54 times ranked	2162 citing authors

#	Article	IF	Citations
1	Generation of Skeletal Muscle Organoids from Human Pluripotent Stem Cells to Model Myogenesis and Muscle Regeneration. International Journal of Molecular Sciences, 2022, 23, 5108.	4.1	10
2	Distinct Repopulation Activity in Hu-Mice Between CB- and LPB- CD34ï¼‹ Cells by Enrichment of Transcription Factors. International Journal of Stem Cells, 2021, 14, 203-211.	1.8	4
3	Identification of Putative Markers That Predict the In Vitro Senescence of Mesenchymal Progenitor Cells. Cells, 2021, 10, 1301.	4.1	3
4	Genome stabilization by RAD51â€stimulatory compound 1 enhances efficiency of somatic cell nuclear transferâ€mediated reprogramming and fullâ€term development of cloned mouse embryos. Cell Proliferation, 2021, 54, e13059.	5.3	7
5	Rapid Differentiation of Human Embryonic Stem Cells into Testosterone-Producing Leydig Cell-Like Cells In vitro. Tissue Engineering and Regenerative Medicine, 2021, 18, 651-662.	3.7	2
6	Prevention of chemotherapy-induced premature ovarian insufficiency in mice by scaffold-based local delivery of human embryonic stem cell-derived mesenchymal progenitor cells. Stem Cell Research and Therapy, 2021, 12, 431.	5.5	24
7	Rapid Production and Genetic Stability of Human Mesenchymal Progenitor Cells Derived from Human Somatic Cell Nuclear Transfer-Derived Pluripotent Stem Cells. International Journal of Molecular Sciences, 2021, 22, 9238.	4.1	3
8	Epigenetic priming by Dot1l in lymphatic endothelial progenitors ensures normal lymphatic development and function. Cell Death and Disease, 2020, 11, 14.	6.3	17
9	Cryopreserved Human Oocytes and Cord Blood Cells Can Produce Somatic Cell Nuclear Transfer-Derived Pluripotent Stem Cells with a Homozygous HLA Type. Stem Cell Reports, 2020, 15, 171-184.	4.8	6
10	Recovery of ovarian function by human embryonic stem cell-derived mesenchymal stem cells in cisplatin-induced premature ovarian failure in mice. Stem Cell Research and Therapy, 2020, 11, 255.	5.5	49
11	Differential Regulation of TLE3 in Sertoli Cells of the Testes during Postnatal Development. Cells, 2019, 8, 1156.	4.1	6
12	Single cellâ€derived clonally expanded mesenchymal progenitor cells from somatic cell nuclear transferâ€derived pluripotent stem cells ameliorate the endometrial function in the uterus of a murine model with Ashermanâ€™s syndrome. Cell Proliferation, 2019, 52, e12597.	5.3	20
13	Anti-apoptotic Regulation Contributes to the Successful Nuclear Reprogramming Using Cryopreserved Oocytes. Stem Cell Reports, 2019, 12, 545-556.	4.8	20
14	Functional Equivalency in Human Somatic Cell Nuclear Transfer-Derived Endothelial Cells. Stem Cells, 2019, 37, 623-630.	3.2	5
15	Fetal bovine serum-free cryopreservation methods for clinical banking of human adipose-derived stem cells. Cryobiology, 2018, 81, 65-73.	0.7	22
16	The effect of cell penetrating peptide-conjugated coactivator-associated arginine methyltransferase 1 (CPP-CARM1) on the cloned mouse embryonic development. Scientific Reports, 2018, 8, 16721.	3.3	4
17	Reprogramming mechanisms influence the maturation of hematopoietic progenitors from human pluripotent stem cells. Cell Death and Disease, 2018, 9, 1090.	6.3	6
18	In VitroDerivation of Functional Sertoli-Like Cells from Mouse Embryonic Stem Cells. Cell Transplantation, 2018, 27, 1523-1534.	2.5	13

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19	The role of ELK3 to regulate peritumoral lymphangiogenesis and VEGF-C production in triple negative breast cancer cells. Biochemical and Biophysical Research Communications, 2017, 484, 896-902.	2.1	15
20	Ring Finger Protein 6 Mediates Androgen-Induced Granulosa Cell Proliferation and Follicle Growth via Modulation of Androgen Receptor Signaling. Endocrinology, 2017, 158, 993-1004.	2.8	27
21	Regulation of androgen receptor signaling by ubiquitination during folliculogenesis and its possible dysregulation in polycystic ovarian syndrome. Scientific Reports, 2017, 7, 10272.	3.3	42
22	Maintained MPF Level after Oocyte Vitrification Improves Embryonic Development after IVF, but not after Somatic Cell Nuclear Transfer. Molecules and Cells, 2017, 40, 871-879.	2.6	4
23	Clinical outcomes of single versus double blastocyst transfer in fresh and vitrified-warmed cycles. Clinical and Experimental Reproductive Medicine, 2016, 43, 164.	1.5	17
24	Application of serum anti-MÃ¼llerian hormone levels in selecting patients with polycystic ovary syndrome for in vitro maturation treatment. Clinical and Experimental Reproductive Medicine, 2016, 43, 126.	1.5	13
25	Supplementation With Cell-Penetrating Peptide-Conjugated Estrogen-Related Receptor Î² Improves the Formation of the Inner Cell Mass and the Development of Vitrified/Warmed Mouse Embryos. Reproductive Sciences, 2016, 23, 1509-1517.	2.5	4
26	An integrated systems biology approach identifies positive cofactor 4 as a factor that increases reprogramming efficiency. Nucleic Acids Research, 2016, 44, 1203-1215.	14.5	20
27	An efficient SCNT technology for the establishment of personalized and public human pluripotent stem cell banks. BMB Reports, 2016, 49, 197-198.	2.4	8
28	Cisplatin Induces Overactivation of the Dormant Primordial Follicle through PTEN/AKT/FOXO3a Pathway which Leads to Loss of Ovarian Reserve in Mice. PLoS ONE, 2015, 10, e0144245.	2.5	99
29	Histone Demethylase Expression Enhances Human Somatic Cell Nuclear Transfer Efficiency and Promotes Derivation of Pluripotent Stem Cells. Cell Stem Cell, 2015, 17, 758-766.	11.1	158
30	Correlation between Expression of Glucose Transporters in Granulosa Cells and Oocyte Quality in Women with Polycystic Ovary Syndrome. Endocrinology and Metabolism, 2014, 29, 40.	3.0	24
31	Three-Step Method for Proliferation and Differentiation of Human Embryonic Stem Cell (hESC)-Derived Male Germ Cells. PLoS ONE, 2014, 9, e90454.	2.5	20
32	Effect of cell-penetrating peptide-conjugated estrogen-related receptor Î² on the development of mouse embryos culturedin vitro. Clinical and Experimental Reproductive Medicine, 2014, 41, 1.	1.5	4
33	Effect of Human Endothelial Progenitor Cell (EPC)- or Mouse Vascular Endothelial Growth Factor-Derived Vessel Formation on the Survival of Vitrified/Warmed Mouse Ovarian Grafts. Reproductive Sciences, 2014, 21, 859-868.	2.5	15
34	Human Somatic Cell Nuclear Transfer Using Adult Cells. Cell Stem Cell, 2014, 14, 777-780.	11.1	167
35	Discovery and characterization of miRNA during cellular senescence in bone marrow-derived human mesenchymal stem cells. Experimental Gerontology, 2014, 58, 139-145.	2.8	39
36	Variable allelic expression of imprinted genes in human pluripotent stem cells during differentiation into specialized cell types in vitro. Biochemical and Biophysical Research Communications, 2014, 446, 493-498.	2.1	7

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37	Cell-penetrating peptide (CPP)-conjugated proteins is an efficient tool for manipulation of human mesenchymal stromal cells. Scientific Reports, 2014, 4, 4378.	3.3	51
38	Spermatogonial stem cell enrichment using simple grafting of testis and in vitro cultivation. Scientific Reports, 2014, 4, 5923.	3.3	11
39	Does supplementation of in-vitro culture medium with melatonin improve IVF outcome in PCOS?. Reproductive BioMedicine Online, 2013, 26, 22-29.	2.4	100
40	Isolation and Characterization of Novel, Highly Proliferative Human CD34/CD73-Double-Positive Testis-Derived Stem Cells for Cell Therapy. Stem Cells and Development, 2013, 22, 2158-2173.	2.1	22
41	Regulation of Pluripotency-related Genes and Differentiation in Mouse Embryonic Stem Cells by Direct Delivery of Cell-penetrating Peptide-conjugated CARM1 Recombinant Protein. Development & Reproduction, 2013, 17, 9-16.	0.5	7
42	Regulation of Differentiation Potential of Human Mesenchymal Stem Cells by Intracytoplasmic Delivery of Coactivatorâ€Associated Arginine Methyltransferase 1 Protein Using Cellâ€Penetrating Peptide. Stem Cells, 2012, 30, 1703-1713.	3.2	25
43	Effects of various combinations of cryoprotectants and cooling speed on the survival and further development of mouse oocytes after vitrification. Clinical and Experimental Reproductive Medicine, 2011, 38, 24.	1.5	34
44	Chondrogenic potential of stem cells derived from amniotic fluid, adipose tissue, or bone marrow encapsulated in fibrin gels containing TGF-Î²3. Biomaterials, 2011, 32, 8139-8149.	11.4	72
45	Alterations in calcium oscillatory activity in vitrified mouse eggs impact on egg quality and subsequent embryonic development. Pflugers Archiv European Journal of Physiology, 2011, 461, 515-526.	2.8	28
46	Evaluation of 28 Human Embryonic Stem Cell Lines for Use as Unrelated Donors in Stem Cell Therapy: Implications of HLA and ABO Genotypes. Cell Transplantation, 2010, 19, 1383-1395.	2.5	40
47	Identification of an Intermediate State as Spermatogonial Stem Cells Reprogram to Multipotent Cells. Molecules and Cells, 2010, 29, 519-526.	2.6	14
48	Stem cell factor/c-Kit signaling in in vitro cultures supports early mouse embryonic development by accelerating proliferation via a mechanism involving Akt-downstream genes. Journal of Assisted Reproduction and Genetics, 2010, 27, 619-627.	2.5	12
49	Corrigendum to â€œThe oocyte-specific transcription factor, Nobox, regulates the expression ofPad6, a peptidylarginine deiminase in the oocyteâ€•[FEBS Lett. 584 (2010) 3629-3634]. FEBS Letters, 2010, 584, 4490-4490.	2.8	0
50	Expression profile of genes identified in human spermatogonial stem cellâ€like cells using suppression subtractive hybridization. Journal of Cellular Biochemistry, 2010, 110, 752-762.	2.6	4
51	Functional polymorphism in H2BFWTâ€5â€²UTR is associated with susceptibility to male infertility. Journal of Cellular and Molecular Medicine, 2009, 13, 1942-1951.	3.6	31
52	The effect of folic acid on in vitro maturation and subsequent embryonic development of porcine immature oocytes. Molecular Reproduction and Development, 2009, 76, 120-121.	2.0	14
53	Effect of using slush nitrogen (SN2) on development of microsurgically manipulated vitrified/warmed mouse embryos. Human Reproduction, 2007, 22, 2509-2514.	0.9	16
54	Survival rate of human oocytes and pregnancy outcome after vitrification using slush nitrogen in assisted reproductive technologies. Fertility and Sterility, 2007, 88, 952-956.	1.0	102