

Dong Ryul Lee

List of Publications by Year in descending order

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54
papers

1,487
citations

361296

20
h-index

330025

37
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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. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5108.	1.8	10
2	Distinct Repopulation Activity in Hu-Mice Between CB- and LPB- CD34 ⁺ Cells by Enrichment of Transcription Factors. <i>International Journal of Stem Cells</i> , 2021, 14, 203-211.	0.8	4
3	Identification of Putative Markers That Predict the In Vitro Senescence of Mesenchymal Progenitor Cells. <i>Cells</i> , 2021, 10, 1301.	1.8	3
4	Genome stabilization by RAD51 ^Δ stimulatory compound 1 enhances efficiency of somatic cell nuclear transfer ^Δ mediated reprogramming and full ^Δ term development of cloned mouse embryos. <i>Cell Proliferation</i> , 2021, 54, e13059.	2.4	7
5	Rapid Differentiation of Human Embryonic Stem Cells into Testosterone-Producing Leydig Cell-Like Cells In vitro. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 651-662.	1.6	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. <i>Stem Cell Research and Therapy</i> , 2021, 12, 431.	2.4	24
7	Rapid Production and Genetic Stability of Human Mesenchymal Progenitor Cells Derived from Human Somatic Cell Nuclear Transfer-Derived Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9238.	1.8	3
8	Epigenetic priming by Dot1l in lymphatic endothelial progenitors ensures normal lymphatic development and function. <i>Cell Death and Disease</i> , 2020, 11, 14.	2.7	17
9	Cryopreserved Human Oocytes and Cord Blood Cells Can Produce Somatic Cell Nuclear Transfer-Derived Pluripotent Stem Cells with a Homozygous HLA Type. <i>Stem Cell Reports</i> , 2020, 15, 171-184.	2.3	6
10	Recovery of ovarian function by human embryonic stem cell-derived mesenchymal stem cells in cisplatin-induced premature ovarian failure in mice. <i>Stem Cell Research and Therapy</i> , 2020, 11, 255.	2.4	49
11	Differential Regulation of TLE3 in Sertoli Cells of the Testes during Postnatal Development. <i>Cells</i> , 2019, 8, 1156.	1.8	6
12	Single cell ^Δ derived clonally expanded mesenchymal progenitor cells from somatic cell nuclear transfer ^Δ derived pluripotent stem cells ameliorate the endometrial function in the uterus of a murine model with Asherman ^Δ s syndrome. <i>Cell Proliferation</i> , 2019, 52, e12597.	2.4	20
13	Anti-apoptotic Regulation Contributes to the Successful Nuclear Reprogramming Using Cryopreserved Oocytes. <i>Stem Cell Reports</i> , 2019, 12, 545-556.	2.3	20
14	Functional Equivalency in Human Somatic Cell Nuclear Transfer-Derived Endothelial Cells. <i>Stem Cells</i> , 2019, 37, 623-630.	1.4	5
15	Fetal bovine serum-free cryopreservation methods for clinical banking of human adipose-derived stem cells. <i>Cryobiology</i> , 2018, 81, 65-73.	0.3	22
16	The effect of cell penetrating peptide-conjugated coactivator-associated arginine methyltransferase 1 (CPP-CARM1) on the cloned mouse embryonic development. <i>Scientific Reports</i> , 2018, 8, 16721.	1.6	4
17	Reprogramming mechanisms influence the maturation of hematopoietic progenitors from human pluripotent stem cells. <i>Cell Death and Disease</i> , 2018, 9, 1090.	2.7	6
18	<i>In Vitro</i> Derivation of Functional Sertoli-Like Cells from Mouse Embryonic Stem Cells. <i>Cell Transplantation</i> , 2018, 27, 1523-1534.	1.2	13

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19	The role of ELK3 to regulate peritumoral lymphangiogenesis and VEGF-C production in triple negative breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 896-902.	1.0	15
20	Ring Finger Protein 6 Mediates Androgen-Induced Granulosa Cell Proliferation and Follicle Growth via Modulation of Androgen Receptor Signaling. <i>Endocrinology</i> , 2017, 158, 993-1004.	1.4	27
21	Regulation of androgen receptor signaling by ubiquitination during folliculogenesis and its possible dysregulation in polycystic ovarian syndrome. <i>Scientific Reports</i> , 2017, 7, 10272.	1.6	42
22	Maintained MPF Level after Oocyte Vitrification Improves Embryonic Development after IVF, but not after Somatic Cell Nuclear Transfer. <i>Molecules and Cells</i> , 2017, 40, 871-879.	1.0	4
23	Clinical outcomes of single versus double blastocyst transfer in fresh and vitrified-warmed cycles. <i>Clinical and Experimental Reproductive Medicine</i> , 2016, 43, 164.	0.5	17
24	Application of serum anti-Müllerian hormone levels in selecting patients with polycystic ovary syndrome for <i>in vitro</i> maturation treatment. <i>Clinical and Experimental Reproductive Medicine</i> , 2016, 43, 126.	0.5	13
25	Supplementation With Cell-Penetrating Peptide-Conjugated Estrogen-Related Receptor $\hat{1}^2$ Improves the Formation of the Inner Cell Mass and the Development of Vitrified/Warmed Mouse Embryos. <i>Reproductive Sciences</i> , 2016, 23, 1509-1517.	1.1	4
26	An integrated systems biology approach identifies positive cofactor 4 as a factor that increases reprogramming efficiency. <i>Nucleic Acids Research</i> , 2016, 44, 1203-1215.	6.5	20
27	An efficient SCNT technology for the establishment of personalized and public human pluripotent stem cell banks. <i>BMB Reports</i> , 2016, 49, 197-198.	1.1	8
28	Cisplatin Induces Overactivation of the Dormant Primordial Follicle through PTEN/AKT/FOXO3a Pathway which Leads to Loss of Ovarian Reserve in Mice. <i>PLoS ONE</i> , 2015, 10, e0144245.	1.1	99
29	Histone Demethylase Expression Enhances Human Somatic Cell Nuclear Transfer Efficiency and Promotes Derivation of Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2015, 17, 758-766.	5.2	158
30	Correlation between Expression of Glucose Transporters in Granulosa Cells and Oocyte Quality in Women with Polycystic Ovary Syndrome. <i>Endocrinology and Metabolism</i> , 2014, 29, 40.	1.3	24
31	Three-Step Method for Proliferation and Differentiation of Human Embryonic Stem Cell (hESC)-Derived Male Germ Cells. <i>PLoS ONE</i> , 2014, 9, e90454.	1.1	20
32	Effect of cell-penetrating peptide-conjugated estrogen-related receptor $\hat{1}^2$ on the development of mouse embryos cultured <i>in vitro</i> . <i>Clinical and Experimental Reproductive Medicine</i> , 2014, 41, 1.	0.5	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. <i>Reproductive Sciences</i> , 2014, 21, 859-868.	1.1	15
34	Human Somatic Cell Nuclear Transfer Using Adult Cells. <i>Cell Stem Cell</i> , 2014, 14, 777-780.	5.2	167
35	Discovery and characterization of miRNA during cellular senescence in bone marrow-derived human mesenchymal stem cells. <i>Experimental Gerontology</i> , 2014, 58, 139-145.	1.2	39
36	Variable allelic expression of imprinted genes in human pluripotent stem cells during differentiation into specialized cell types <i>in vitro</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 493-498.	1.0	7

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37	Cell-penetrating peptide (CPP)-conjugated proteins is an efficient tool for manipulation of human mesenchymal stromal cells. <i>Scientific Reports</i> , 2014, 4, 4378.	1.6	51
38	Spermatogonial stem cell enrichment using simple grafting of testis and in vitro cultivation. <i>Scientific Reports</i> , 2014, 4, 5923.	1.6	11
39	Does supplementation of in-vitro culture medium with melatonin improve IVF outcome in PCOS?. <i>Reproductive BioMedicine Online</i> , 2013, 26, 22-29.	1.1	100
40	Isolation and Characterization of Novel, Highly Proliferative Human CD34/CD73-Double-Positive Testis-Derived Stem Cells for Cell Therapy. <i>Stem Cells and Development</i> , 2013, 22, 2158-2173.	1.1	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. <i>Development & Reproduction</i> , 2013, 17, 9-16.	0.5	7
42	Regulation of Differentiation Potential of Human Mesenchymal Stem Cells by Intracytoplasmic Delivery of Coactivator-associated Arginine Methyltransferase 1 Protein Using Cell-penetrating Peptide. <i>Stem Cells</i> , 2012, 30, 1703-1713.	1.4	25
43	Effects of various combinations of cryoprotectants and cooling speed on the survival and further development of mouse oocytes after vitrification. <i>Clinical and Experimental Reproductive Medicine</i> , 2011, 38, 24.	0.5	34
44	Chondrogenic potential of stem cells derived from amniotic fluid, adipose tissue, or bone marrow encapsulated in fibrin gels containing TGF- β 3. <i>Biomaterials</i> , 2011, 32, 8139-8149.	5.7	72
45	Alterations in calcium oscillatory activity in vitrified mouse eggs impact on egg quality and subsequent embryonic development. <i>Pflügers Archiv European Journal of Physiology</i> , 2011, 461, 515-526.	1.3	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. <i>Cell Transplantation</i> , 2010, 19, 1383-1395.	1.2	40
47	Identification of an Intermediate State as Spermatogonial Stem Cells Reprogram to Multipotent Cells. <i>Molecules and Cells</i> , 2010, 29, 519-526.	1.0	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. <i>Journal of Assisted Reproduction and Genetics</i> , 2010, 27, 619-627.	1.2	12
49	Corrigendum to "The oocyte-specific transcription factor, Nobox, regulates the expression of Pad6, a peptidylarginine deiminase in the oocyte" [FEBS Lett. 584 (2010) 3629-3634]. <i>FEBS Letters</i> , 2010, 584, 4490-4490.	1.3	0
50	Expression profile of genes identified in human spermatogonial stem cell-like cells using suppression subtractive hybridization. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 752-762.	1.2	4
51	Functional polymorphism in H2BFWT5'UTR is associated with susceptibility to male infertility. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1942-1951.	1.6	31
52	The effect of folic acid on in vitro maturation and subsequent embryonic development of porcine immature oocytes. <i>Molecular Reproduction and Development</i> , 2009, 76, 120-121.	1.0	14
53	Effect of using slush nitrogen (SN2) on development of microsurgically manipulated vitrified/warmed mouse embryos. <i>Human Reproduction</i> , 2007, 22, 2509-2514.	0.4	16
54	Survival rate of human oocytes and pregnancy outcome after vitrification using slush nitrogen in assisted reproductive technologies. <i>Fertility and Sterility</i> , 2007, 88, 952-956.	0.5	102