

# Gyu-Jin Rho

## List of Publications by Year in descending order

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144  
papers

3,057  
citations

159525

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145  
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145  
docs citations

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times ranked

3881  
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#	ARTICLE	IF	CITATIONS
1	Sperm and Oocyte Treatments to Improve the Formation of Male and Female Pronuclei and Subsequent Development Following Intracytoplasmic Sperm Injection into Bovine Oocytes1. <i>Biology of Reproduction</i> , 1998, 59, 918-924.	1.2	138
2	Effect of $\alpha$ -tocopherol supplementation during boar semen cryopreservation on sperm characteristics and expression of apoptosis related genes. <i>Cryobiology</i> , 2009, 58, 181-189.	0.3	115
3	Multilineage potential and proteomic profiling of human dental stem cells derived from a single donor. <i>Experimental Cell Research</i> , 2014, 320, 92-107.	1.2	84
4	Microtubulin configuration and mitochondrial distribution after ultra-rapid cooling of bovine oocytes. <i>Molecular Reproduction and Development</i> , 2002, 63, 464-470.	1.0	82
5	Differential gene expression patterns in porcine nuclear transfer embryos reconstructed with fetal fibroblasts and mesenchymal stem cells. <i>Developmental Dynamics</i> , 2007, 236, 435-446.	0.8	79
6	In vitro and in vivo osteogenesis of human mesenchymal stem cells derived from skin, bone marrow and dental follicle tissues. <i>Differentiation</i> , 2012, 83, 249-259.	1.0	75
7	Comparative analysis of human Wharton's jelly mesenchymal stem cells derived from different parts of the same umbilical cord. <i>Cell and Tissue Research</i> , 2018, 372, 51-65.	1.5	69
8	Effect of Dimethyl Sulfoxide (DMSO) on Cryopreservation of Porcine Mesenchymal Stem Cells (pMSCs). <i>Cell Transplantation</i> , 2011, 20, 1231-1239.	1.2	67
9	Enhanced development of porcine embryos cloned from bone marrow mesenchymal stem cells. <i>International Journal of Developmental Biology</i> , 2007, 51, 85-90.	0.3	61
10	Ultra-structural changes and developmental potential of porcine oocytes following vitrification. <i>Animal Reproduction Science</i> , 2007, 100, 128-140.	0.5	57
11	Developmental rate and ploidy of embryos produced by nuclear transfer with different activation treatments in cattle. <i>Animal Reproduction Science</i> , 2006, 92, 37-49.	0.5	54
12	In vitro comparative analysis of human dental stem cells from a single donor and its neuronal differentiation potential evaluated by electrophysiology. <i>Life Sciences</i> , 2016, 154, 39-51.	2.0	49
13	DMSO and Serum-Free Cryopreservation of Wharton's Jelly Tissue Isolated From Human Umbilical Cord. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2397-2412.	1.2	46
14	Characterization and comparison of telomere length, telomerase and reverse transcriptase activity and gene expression in human mesenchymal stem cells and cancer cells of various origins. <i>Cell and Tissue Research</i> , 2011, 345, 149-161.	1.5	45
15	Effect of Histone Acetylation Modification with Sodium Butyrate, a Histone Deacetylase Inhibitor, on Cell Cycle, Apoptosis, Ploidy and Gene Expression in Porcine Fetal Fibroblasts. <i>Journal of Reproduction and Development</i> , 2007, 53, 903-913.	0.5	44
16	S-adenosylhomocysteine treatment of adult female fibroblasts alters X-chromosome inactivation and improves in vitro embryo development after somatic cell nuclear transfer. <i>Reproduction</i> , 2008, 135, 815-828.	1.1	44
17	Cryopreservation of human dental follicle tissue for use as a resource of autologous mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 489-500.	1.3	43
18	Characterization of Porcine Multipotent Stem/Stromal Cells Derived from Skin, Adipose, and Ovarian Tissues and Their Differentiation In Vitro into Putative Oocyte-Like Cells. <i>Stem Cells and Development</i> , 2011, 20, 1359-1370.	1.1	41

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19	Positive expression of NANOG, mutant p53, and CD44 is directly associated with clinicopathological features and poor prognosis of oral squamous cell carcinoma. <i>BMC Oral Health</i> , 2015, 15, 153.	0.8	41
20	<i>In Vitro</i> and <i>In Vivo</i> Osteogenesis of Porcine Skin-Derived Mesenchymal Stem Cell-like Cells with a Demineralized Bone and Fibrin Glue Scaffold. <i>Tissue Engineering - Part A</i> , 2010, 16, 815-827.	1.6	40
21	Peripheral nerve regeneration using autologous porcine skin-derived mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 113-124.	1.3	40
22	Comparison of Immunomodulation Properties of Porcine Mesenchymal Stromal/Stem Cells Derived from the Bone Marrow, Adipose Tissue, and Dermal Skin Tissue. <i>Stem Cells International</i> , 2016, 2016, 1-15.	1.2	40
23	Transplantation of Human Dental Pulp-Derived Stem Cells or Differentiated Neuronal Cells from Human Dental Pulp-Derived Stem Cells Identically Enhances Regeneration of the Injured Peripheral Nerve. <i>Stem Cells and Development</i> , 2017, 26, 1247-1257.	1.1	39
24	Comparative Analysis of Telomere Length, Telomerase and Reverse Transcriptase Activity in Human Dental Stem Cells. <i>Cell Transplantation</i> , 2011, 20, 1693-1705.	1.2	38
25	Cell source-dependent <i>in vivo</i> immunosuppressive properties of mesenchymal stem cells derived from the bone marrow and synovial fluid of minipigs. <i>Experimental Cell Research</i> , 2015, 333, 273-288.	1.2	38
26	Oxygen-Releasing Microparticles for Cell Survival and Differentiation Ability under Hypoxia for Effective Bone Regeneration. <i>Biomacromolecules</i> , 2019, 20, 1087-1097.	2.6	38
27	Transplantation of porcine umbilical cord matrix mesenchymal stem cells in a mouse model of Parkinson's disease. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 169-182.	1.3	36
28	Multivalent ion-based <i>in situ</i> gelling polysaccharide hydrogel as an injectable bone graft. <i>Carbohydrate Polymers</i> , 2018, 180, 216-225.	5.1	35
29	Comparative Characterization of Porcine Mesenchymal Stem Cells Derived from Bone Marrow Extract and Skin Tissues. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 1481-1491.	1.1	34
30	Tissue-engineered bone formation using periosteal-derived cells and polydioxanone/pluronic F127 scaffold with pre-seeded adipose tissue-derived CD146 positive endothelial-like cells. <i>Biomaterials</i> , 2011, 32, 5033-5045.	5.7	32
31	Neurogenic and cardiomyogenic differentiation of mesenchymal stem cells isolated from minipig bone marrow. <i>Research in Veterinary Science</i> , 2012, 93, 749-757.	0.9	32
32	Sustained Release of BMP-2 from Porous Particles with Leaf-Stacked Structure for Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21091-21102.	4.0	32
33	Influence of <i>in vitro</i> oxygen concentrations on preimplantation embryo development, gene expression and production of hanwoo calves following embryo transfer. <i>Molecular Reproduction and Development</i> , 2007, 74, 486-496.	1.0	30
34	Development of cloned pig embryos by nuclear transfer following different activation treatments. <i>Molecular Reproduction and Development</i> , 2005, 70, 308-313.	1.0	29
35	Immunomodulatory properties and <i>in vivo</i> osteogenesis of human dental stem cells from fresh and cryopreserved dental follicles. <i>Differentiation</i> , 2015, 90, 48-58.	1.0	29
36	DNA methylation levels in porcine fetal fibroblasts induced by an inhibitor of methylation, 5-azacytidine. <i>Cell and Tissue Research</i> , 2006, 325, 445-454.	1.5	28

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37	Osteogenic differentiation of human periosteal-derived cells in a three-dimensional collagen scaffold. <i>Molecular Biology Reports</i> , 2011, 38, 2887-2894.	1.0	28
38	Intracytoplasmic sperm injection of frozen-thawed bovine oocytes and subsequent embryo development. <i>Molecular Reproduction and Development</i> , 2004, 68, 449-455.	1.0	27
39	Development and quality of porcine embryos in different culture system and embryo-producing methods. <i>Zygote</i> , 2007, 15, 1-8.	0.5	27
40	JNK signaling plays an important role in the effects of TNF- $\alpha$ and IL-1 $\beta$ on in vitro osteoblastic differentiation of cultured human periosteal-derived cells. <i>Molecular Biology Reports</i> , 2013, 40, 4869-4881.	1.0	27
41	Dental pulp-derived stem cells can counterbalance peripheral nerve injury-induced oxidative stress and supraspinal neuro-inflammation in rat brain. <i>Scientific Reports</i> , 2018, 8, 15795.	1.6	27
42	Cryopreservation of Human Wharton's Jelly-derived Mesenchymal Stem Cells Following Controlled Rate Freezing Protocol Using Different Cryoprotectants; A Comparative Study. <i>International Journal of Stem Cells</i> , 2015, 8, 155-169.	0.8	27
43	Research Advancements in Porcine Derived Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 78-93.	0.6	26
44	Effect of cysteamine supplementation of in vitro matured bovine oocytes on chilling sensitivity and development of embryos. <i>Animal Reproduction Science</i> , 2007, 98, 282-292.	0.5	25
45	Human Umbilical Cord Blood-Derived CD34-Positive Endothelial Progenitor Cells Stimulate Osteoblastic Differentiation of Cultured Human Periosteal-Derived Osteoblasts. <i>Tissue Engineering - Part A</i> , 2014, 20, 940-953.	1.6	25
46	In vitro differentiation of mesenchymal progenitor cells derived from porcine umbilical cord blood. <i>Molecules and Cells</i> , 2007, 24, 343-50.	1.0	25
47	Chronic inflammation-induced senescence impairs immunomodulatory properties of synovial fluid mesenchymal stem cells in rheumatoid arthritis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 502.	2.4	24
48	Inhibition of cell growth and down-regulation of telomerase activity by amygdalin in human cancer cell lines. <i>Animal Cells and Systems</i> , 2015, 19, 295-304.	0.8	23
49	<i>In vitro</i> differentiation of single donor derived human dental mesenchymal stem cells into pancreatic $\beta$ cell-like cells. <i>Bioscience Reports</i> , 2019, 39, .	1.1	23
50	Characterization and Evaluation of Neuronal Trans-Differentiation with Electrophysiological Properties of Mesenchymal Stem Cells Isolated from Porcine Endometrium. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10934-10951.	1.8	22
51	Development of Porous Beads to Provide Regulated BMP-2 Stimulation for Varying Durations: In Vitro and In Vivo Studies for Bone Regeneration. <i>Biomacromolecules</i> , 2016, 17, 1633-1642.	2.6	22
52	Follicular fluid enhances sperm attraction and its motility in human. <i>Journal of Assisted Reproduction and Genetics</i> , 2001, 18, 407-412.	1.2	21
53	Characterisation and differentiation of porcine ovarian theca-derived multipotent stem cells. <i>Veterinary Journal</i> , 2013, 197, 761-768.	0.6	21
54	Evaluation of odonto/osteogenic differentiation potential from different regions derived dental tissue stem cells and effect of 17 $\beta$ -estradiol on efficiency. <i>BMC Oral Health</i> , 2021, 21, 15.	0.8	21

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55	Enhanced cryosurvival of bovine blastocysts produced in vitro in serum-free medium. <i>Journal of Assisted Reproduction and Genetics</i> , 2002, 19, 487-492.	1.2	20
56	Influence of Seasons, Extenders, Slow and Rapid Freezing on Seminal Characters in Korean Native Bucks. <i>Reproduction in Domestic Animals</i> , 2006, 41, 55-60.	0.6	19
57	Cardiomyogenic Differentiation of Human Dental Follicle-derived Stem Cells by Suberoylanilide Hydroxamic Acid and Their <i>in Vivo</i> Homing Property. <i>International Journal of Medical Sciences</i> , 2016, 13, 841-852.	1.1	19
58	Cholinergic Nerve Differentiation of Mesenchymal Stem Cells Derived from Long-Term Cryopreserved Human Dental Pulp <i>In Vitro</i> and Analysis of Their Motor Nerve Regeneration Potential <i>In Vivo</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2434.	1.8	19
59	Cellular composition and viability of demi- and quarter-embryos made from bisected bovine morulae and blastocysts produced in vitro. <i>Theriogenology</i> , 1998, 50, 885-895.	0.9	18
60	Epigenetic modification of fetal fibroblasts improves developmental competency and gene expression in porcine cloned embryos. <i>Veterinary Research Communications</i> , 2013, 37, 19-28.	0.6	18
61	<i>In Vitro</i> Generation of Oocyte Like Cells and Their <i>In Vivo</i> Efficacy: How Far We have been Succeeded. <i>Cells</i> , 2020, 9, 557.	1.8	18
62	Overexpression of Oct4 in porcine ovarian stem/stromal cells enhances differentiation of oocyte-like cells in vitro and ovarian follicular formation in vivo. <i>Journal of Ovarian Research</i> , 2016, 9, 24.	1.3	17
63	The Role of Human Umbilical Vein Endothelial Cells in Osteogenic Differentiation of Dental Follicle-Derived Stem Cells in <i>in Vitro</i> Co-cultures. <i>International Journal of Medical Sciences</i> , 2018, 15, 1160-1170.	1.1	17
64	Small Molecule-Induced Pancreatic $\beta$ -Like Cell Development: Mechanistic Approaches and Available Strategies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2388.	1.8	17
65	Selection of Reference Genes for Quantitative Gene Expression in Porcine Mesenchymal Stem Cells Derived from Various Sources along with Differentiation into Multilineages. <i>Stem Cells International</i> , 2015, 2015, 1-14.	1.2	16
66	Evaluation of phenotypic, functional and molecular characteristics of porcine mesenchymal stromal/stem cells depending on donor age, gender and tissue source. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 987-995.	0.3	16
67	Comparative analysis of three different protocols for cholinergic neuron differentiation in vitro using mesenchymal stem cells from human dental pulp. <i>Animal Cells and Systems</i> , 2019, 23, 275-287.	0.8	16
68	Three-Dimensional Spheroid Formation of Cryopreserved Human Dental Follicle-Derived Stem Cells Enhances Pluripotency and Osteogenic Induction Properties. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 513-523.	1.6	16
69	Functional characterization of orchardgrass endoplasmic reticulum-resident Hsp90 (DgHsp90) as a chaperone and an ATPase. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 859-866.	2.8	15
70	Midkine and NANOG Have Similar Immunohistochemical Expression Patterns and Contribute Equally to an Adverse Prognosis of Oral Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2339.	1.8	15
71	Stem Cells from Cryopreserved Human Dental Pulp Tissues Sequentially Differentiate into Definitive Endoderm and Hepatocyte-Like Cells <i>in vitro</i> . <i>International Journal of Medical Sciences</i> , 2017, 14, 1418-1429.	1.1	15
72	PPIA, HPRT1, and YWHAZ Genes Are Suitable for Normalization of mRNA Expression in Long-Term Expanded Human Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	15

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73	Development of bone regeneration strategies using human periosteum-derived osteoblasts and oxygen-releasing microparticles in mandibular osteomyelitis model of miniature pig. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2183-2194.	2.1	15
74	Donor-Matched Functional and Molecular Characterization of Canine Mesenchymal Stem Cells Derived from Different Origins. <i>Cell Transplantation</i> , 2013, 22, 2311-2321.	1.2	14
75	Selection of reference genes for quantitative real-time polymerase chain reaction in porcine embryos. <i>Reproduction, Fertility and Development</i> , 2017, 29, 357.	0.1	14
76	Effects of Osteogenic-Conditioned Medium from Human Periosteum-Derived Cells on Osteoclast Differentiation. <i>International Journal of Medical Sciences</i> , 2017, 14, 1389-1401.	1.1	14
77	Inhibition of cell growth by cellular differentiation into adipocyte-like cells in dexamethasone sensitive cancer cell lines. <i>Animal Cells and Systems</i> , 2018, 22, 178-188.	0.8	14
78	Cellular Composition and Viability of Cloned Bovine Embryos Using Exogene-Transfected Somatic Cells. <i>Reproduction in Domestic Animals</i> , 2007, 42, 44-52.	0.6	13
79	Cultured Human Periosteal-Derived Cells Have Inducible Adipogenic Activity and Can Also Differentiate Into Osteoblasts in a Peroxisome Proliferator-Activated Receptor-Mediated Fashion. <i>International Journal of Medical Sciences</i> , 2014, 11, 1116-1128.	1.1	13
80	Development and Gene Expression of Porcine Cloned Embryos Derived from Bone Marrow Stem Cells with Overexpressing Oct4 and Sox2. <i>Cellular Reprogramming</i> , 2014, 16, 428-438.	0.5	13
81	Ovarian-Cell-Like Cells from Skin Stem Cells Restored Estradiol Production and Estrus Cycling in Ovariectomized Mice. <i>Stem Cells and Development</i> , 2014, 23, 1647-1658.	1.1	13
82	Differential regulation of senescence and <i>in vitro</i> differentiation by 17 $\beta$ -estradiol between mesenchymal stem cells derived from male and female mini-pigs. <i>Journal of Veterinary Science</i> , 2016, 17, 159.	0.5	13
83	Differential cytotoxic effects of sodium meta-arsenite on human cancer cells, dental papilla stem cells and somatic cells correlate with telomeric properties and gene expression. <i>Anticancer Research</i> , 2011, 31, 4315-28.	0.5	13
84	Efficient Production of Cloned Bovine Embryos Using cdc2 kinase Inhibitor. <i>Reproduction in Domestic Animals</i> , 2003, 38, 444-450.	0.6	12
85	Variation of Telomerase Activity and Morphology in Porcine Mesenchymal Stem Cells and Fibroblasts during Prolonged <i>in vitro</i> Culture. <i>Animal Biotechnology</i> , 2011, 22, 197-210.	0.7	12
86	Resistance to the c-Met inhibitor KRC-108 induces the epithelial transition of gastric cancer cells. <i>Oncology Letters</i> , 2016, 11, 991-997.	0.8	12
87	The involvement of histone methylation in osteoblastic differentiation of human periosteum-derived cells cultured <i>in vitro</i> under hypoxic conditions. <i>Cell Biochemistry and Function</i> , 2017, 35, 441-452.	1.4	12
88	Pancreatic endocrine-like cells differentiated from human umbilical cords Wharton's jelly mesenchymal stem cells using small molecules. <i>Journal of Cellular Physiology</i> , 2019, 234, 3933-3947.	2.0	12
89	TATA box binding protein and ribosomal protein 4 are suitable reference genes for normalization during quantitative polymerase chain reaction study in bovine mesenchymal stem cells. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 2021-2030.	2.4	12
90	Efficiency of gene transfection into donor cells for nuclear transfer of bovine embryos. <i>Molecular Reproduction and Development</i> , 2005, 72, 191-200.	1.0	11

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91	Use of Somatic Cell Nuclear Transfer to Study Meiosis in Female Cattle Carrying A Sex-Dependent Fertility-Impairing X-Chromosome Abnormality. Cloning and Stem Cells, 2007, 9, 118-129.	2.6	11
92	Differentiation potential of mesenchymal stem cells isolated from human dental tissues into non-mesodermal lineage. Animal Cells and Systems, 2015, 19, 321-331.	0.8	11
93	Human Dental Pulp-Derived Mesenchymal Stem Cell Potential to Differentiate into Smooth Muscle-Like Cells In Vitro. BioMed Research International, 2021, 2021, 1-13.	0.9	11
94	Comparison of Pluripotency, Differentiation, and Mitochondrial Metabolism Capacity in Three-Dimensional Spheroid Formation of Dental Pulp-Derived Mesenchymal Stem Cells. BioMed Research International, 2021, 2021, 1-10.	0.9	10
95	Generation of osteogenic construct using periostealâ€derived osteoblasts and polydioxanone/pluronic F127 scaffold with periostealâ€derived CD146 positive endothelialâ€like cells. Journal of Biomedical Materials Research - Part A, 2013, 101A, 942-953.	2.1	9
96	FOXO1 Is Involved in the Effects of Cigarette Smoke Extract on Osteoblastic Differentiation of Cultured Human Periosteum-derived Cells. International Journal of Medical Sciences, 2015, 12, 881-890.	1.1	9
97	<sc><i>in vitro</i> and longâ€term (2â€year followâ€up) <i>in vivo</i> osteogenic activities of human periosteumâ€derived osteoblasts seeded into growth factorâ€releasing polycaprolactone/pluronic F127 beads scaffolds. Journal of Biomedical Materials Research - Part A, 2017, 105, 363-376.	2.1	9
98	In vitro development of bovine oocytes reconstructed with round spermatids. Theriogenology, 2006, 65, 1242-1253.	0.9	8
99	Isolation and characterization of human dental tissue-derived stem cells in the impacted wisdom teeth: comparison of dental follicle, dental pulp, and root apical papilla-derived cells. Journal of the Korean Association of Oral and Maxillofacial Surgeons, 2010, 36, 186.	0.3	8
100	Therapeutic Status and Available Strategies in Pancreatic Ductal Adenocarcinoma. Biomedicines, 2021, 9, 178.	1.4	8
101	Mitochondrial genome mutations in mesenchymal stem cells derived from human dental induced pluripotent stem cells. BMB Reports, 2019, 52, 689-694.	1.1	8
102	Scaffold-free 3D culturing enhance pluripotency, immunomodulatory factors, and differentiation potential of Whartonâ€™s jelly-mesenchymal stem cells. European Journal of Cell Biology, 2022, 101, 151245.	1.6	8
103	Effect of chilling on the development of in vitro produced bovine embryos at various cleavage stages. Journal of Assisted Reproduction and Genetics, 2006, 23, 55-61.	1.2	7
104	<i>In Vitro</i> Developmental Potential of Nuclear Transfer Embryos Cloned with Enucleation Methods using Preâ€denuded Bovine Oocytes. Reproduction in Domestic Animals, 2011, 46, 1035-1042.	0.6	7
105	Induction of telomere shortening and cellular apoptosis by sodium meta-arsenite in human cancer cell lines. Animal Cells and Systems, 2017, 21, 241-254.	0.8	7
106	Optimized cryopreservation of Ettlia sp. using short cold acclimation and controlled freezing procedure. Journal of Applied Phycology, 2019, 31, 2277-2287.	1.5	7
107	Differentiation Inductions Altered Telomere Length and Telomerase Activity in Human Dental PulpDerived Mesenchymal Stem Cell. Journal of Animal Reproduciton and Biotechnology, 2019, 34, 93-99.	0.3	7
108	Effect of Donor Cell Types and Passages on Preimplantation Development and Apoptosis in Porcine Cloned Embryos. Asian-Australasian Journal of Animal Sciences, 2007, 20, 711-717.	2.4	7

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109	Effect of blastomere sex and fluorescent labelling on the development of bovine chimeric embryos reconstituted at the four-cell stage. <i>Molecular Reproduction and Development</i> , 2001, 60, 202-207.	1.0	6
110	Developmental expression of lineage specific genes in porcine embryos of different origins. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 723-733.	1.2	6
111	CD105+ Porcine Endometrial Stromal Mesenchymal Stem Cells Possess Differentiation Potential Toward Cardiomyocyte-Like Cells and Insulin-Producing $\beta$ Cell-Like Cells In Vitro. <i>Reproductive Sciences</i> , 2019, 26, 669-682.	1.1	6
112	Differentiation potential of different regions-derived same donor human Wharton's jelly mesenchymal stem cells into functional smooth muscle-like cells. <i>Cell and Tissue Research</i> , 2019, 377, 229-243.	1.5	6
113	Parthenogenetic Development and Ploidy following Various Chemical Activation Regiments of Bovine Oocytes. <i>Journal of Veterinary Medical Science</i> , 2008, 70, 1165-1172.	0.3	5
114	Isolation of human mesenchymal stem cells from the skin and their neurogenic differentiation in vitro. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2012, 38, 343.	0.3	5
115	De novo transcription of thyroid hormone receptors is essential for early bovine embryo development in vitro. <i>Reproduction, Fertility and Development</i> , 2018, 30, 779.	0.1	5
116	Alteration of Apoptosis during Differentiation in Human Dental Pulp-Derived Mesenchymal Stem Cell. <i>Journal of Animal Reproduction and Biotechnology</i> , 2019, 34, 2-9.	0.3	5
117	Isolation and viability of presumptive spermatids collected from bull testes by Percoll density gradient. <i>Animal Reproduction Science</i> , 2006, 93, 144-156.	0.5	4
118	Isolation and Cellular Phenotyping of Mesenchymal Stem Cells Derived from Synovial Fluid and Bone Marrow of Minipigs. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	4
119	Supplement of autologous ooplasm into porcine somatic cell nuclear transfer embryos does not alter embryo development. <i>Reproduction in Domestic Animals</i> , 2017, 52, 437-445.	0.6	4
120	Delay of cell growth and loss of stemness by inhibition of reverse transcription in human mesenchymal stem cells derived from dental tissue. <i>Animal Cells and Systems</i> , 2019, 23, 335-345.	0.8	4
121	Terminal differentiation into adipocyte and growth inhibition by PPAR $\gamma$ activation in human A549 lung adenocarcinoma cells. <i>Animal Cells and Systems</i> , 2020, 24, 329-340.	0.8	4
122	Removal of cumulus cells before oocyte nuclear maturation enhances enucleation rates without affecting the developmental competence of porcine cloned embryos. <i>Japanese Journal of Veterinary Research</i> , 2012, 60, 191-203.	0.7	4
123	Squamous cell carcinoma occurring with aspergillosis in the maxillary sinus: a case report and histological study. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2010, 36, 125.	0.3	3
124	Low Levels of X-Inactive Specific Transcript in Somatic Cell Nuclear Transfer Embryos Derived from Female Bovine Freemartin Donor Cells. <i>Sexual Development</i> , 2012, 6, 151-159.	1.1	3
125	Female Germ Cell Development, Functioning and Associated Adversities under Unfavorable Circumstances. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1979.	1.8	3
126	Porcine somatic cell nuclear transfer using telomerase reverse transcriptase-transfected mesenchymal stem cells reduces apoptosis induced by replicative senescence. <i>Journal of Animal Reproduction and Biotechnology</i> , 2020, 35, 215-222.	0.3	3



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127	Maxillary sinus floor elevation using autogenous skin-derived mesenchymal stem cells in miniature pigs. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2010, 36, 87.	0.3	2
128	Comparison of mesenchymal stem cells isolated from various tissues of isogenic mini-pig. <i>Animal Cells and Systems</i> , 2015, 19, 407-416.	0.8	2
129	Hematological patterns and histopathological assessment of Miniature Pigs in the experiments on human mesenchymal stem cell transplantation. <i>International Journal of Medical Sciences</i> , 2021, 18, 1259-1268.	1.1	2
130	IFN- $\gamma$ Licensing Does Not Enhance the Reduced Immunomodulatory Potential and Migratory Ability of Differentiation-Induced Porcine Bone Marrow-Derived Mesenchymal Stem Cells in an In Vitro Xenogeneic Application. <i>BioMed Research International</i> , 2021, 2021, 1-15.	0.9	2
131	Establishment of Normal Reference Data of Analysis in the Fresh and Cryopreserved Canine Spermatozoa. <i>Journal of Animal Reproduction and Biotechnology</i> , 2018, 33, 75-84.	0.3	2
132	Subpopulations of miniature pig mesenchymal stromal cells with different differentiation potentials differ in the expression of octamer-binding transcription factor 4 and sex determining region Y-box 2. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 515-524.	2.4	2
133	Effect of Oocyte Activation Regimens on Ploidy of Nuclear Transfer Embryos Reconstructed with Fetal Fibroblasts in Rabbit. <i>Asian-Australasian Journal of Animal Sciences</i> , 2007, 20, 718-724.	2.4	2
134	PPIA, HPRT1, and YWHAZ are suitable reference genes for quantitative polymerase chain reaction assay of the hypothalamic-pituitary-gonadal axis in sows. <i>Animal Bioscience</i> , 2022, 35, 1850-1859.	0.8	2
135	Metastasis prognostic factors and cancer stem cell-related transcription factors associated with metastasis induction in canine metastatic mammary gland tumors. <i>Journal of Veterinary Science</i> , 2021, 22, e62.	0.5	1
136	Transplantation of porcine umbilical cord matrix mesenchymal stem cells in a mouse model of Parkinson's disease. , 2013, 7, 169.		1
137	43 PRODUCTION OF PORCINE EMBRYOS BY NUCLEAR TRANSFER OF BONE MARROW MESENCHYMAL STEM CELLS. <i>Reproduction, Fertility and Development</i> , 2006, 18, 130.	0.1	1
138	251 COMPARATIVE ANALYSIS OF GENE EXPRESSION PATTERNS IN PORCINE PRE-IMPLANTATION EMBRYOS DERIVED FROM DIFFERENT ORIGINS. <i>Reproduction, Fertility and Development</i> , 2006, 18, 233.	0.1	0
139	257 EXPRESSION OF DEVELOPMENTAL GENES IN PORCINE NUCLEAR TRANSFER EMBRYOS RECONSTRUCTED WITH BONE MARROW MESENCHYMAL STEM CELLS. <i>Reproduction, Fertility and Development</i> , 2006, 18, 236.	0.1	0
140	343 EFFECTS OF EPIDERMAL GROWTH FACTOR SUPPLEMENTATION ON IN VITRO MATURATION AND GENE EXPRESSION OF CANINE OOCYTES. <i>Reproduction, Fertility and Development</i> , 2006, 18, 279.	0.1	0
141	Sodium metaarsenite (KML001) induces a G1 phase arrest in HCT116 colorectal cancer cells. <i>FASEB Journal</i> , 2010, 24, 1b656.	0.2	0
142	Differential Cytotoxicity of Penta-O-galloyl- $\beta$ -D-glucose in Human Cancer and Normal Cell Lines of Various Origins. <i>Journal of Life Science</i> , 2016, 26, 1320-1329.	0.2	0
143	17 $\beta$ -estradiol mediated effects on pluripotency transcription factors and differentiation capacity in mesenchymal stem cells derived porcine from newborns as steroid hormones non-functional donors. <i>Journal of Animal Reproduction and Biotechnology</i> , 2017, 32, 209-220.	0.3	0
144	Incidence Analysis of Recurrent Milk Fever in Korean Domestic Dairy Cattle. <i>Journal of Animal Reproduction and Biotechnology</i> , 2019, 34, 30-34.	0.3	0