

Gyu-Jin Rho

List of Publications by Year in descending order

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144
papers

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citations

182225

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145
docs citations

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times ranked

4195
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Scaffold-free 3D culturing enhance pluripotency, immunomodulatory factors, and differentiation potential of Wharton's jelly-mesenchymal stem cells. <i>European Journal of Cell Biology</i> , 2022, 101, 151245.	1.6	8
3	Evaluation of odonto/osteogenic differentiation potential from different regions derived dental tissue stem cells and effect of 17 β -estradiol on efficiency. <i>BMC Oral Health</i> , 2021, 21, 15.	0.8	21
4	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
5	Human Dental Pulp-Derived Mesenchymal Stem Cell Potential to Differentiate into Smooth Muscle-Like Cells In Vitro. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	11
6	Therapeutic Status and Available Strategies in Pancreatic Ductal Adenocarcinoma. <i>Biomedicines</i> , 2021, 9, 178.	1.4	8
7	Female Germ Cell Development, Functioning and Associated Adversities under Unfavorable Circumstances. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1979.	1.8	3
8	Comparison of Pluripotency, Differentiation, and Mitochondrial Metabolism Capacity in Three-Dimensional Spheroid Formation of Dental Pulp-Derived Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	10
9	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
10	IFN- γ 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
11	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
12	Terminal differentiation into adipocyte and growth inhibition by PPAR γ activation in human A549 lung adenocarcinoma cells. <i>Animal Cells and Systems</i> , 2020, 24, 329-340.	0.8	4
13	In Vitro Generation of Oocyte Like Cells and Their In Vivo Efficacy: How Far We have been Succeeded. <i>Cells</i> , 2020, 9, 557.	1.8	18
14	Small Molecule-Induced Pancreatic β -Like Cell Development: Mechanistic Approaches and Available Strategies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2388.	1.8	17
15	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
16	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
17	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
18	CD105+ Porcine Endometrial Stromal Mesenchymal Stem Cells Possess Differentiation Potential Toward Cardiomyocyte-Like Cells and Insulin-Producing β Cell-Like Cells In Vitro. <i>Reproductive Sciences</i> , 2019, 26, 669-682.	1.1	6

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19	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
20	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
21	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
22	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
23	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
24	<i>In vitro</i> differentiation of single donor derived human dental mesenchymal stem cells into pancreatic β cell-like cells. <i>Bioscience Reports</i> , 2019, 39, .	1.1	23
25	Optimized cryopreservation of <i>Ectocarpus</i> sp. using short cold acclimation and controlled freezing procedure. <i>Journal of Applied Phycology</i> , 2019, 31, 2277-2287.	1.5	7
26	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
27	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
28	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
29	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
30	Differentiation Inductions Altered Telomere Length and Telomerase Activity in Human Dental Pulp-Derived Mesenchymal Stem Cell. <i>Journal of Animal Reproduction and Biotechnology</i> , 2019, 34, 93-99.	0.3	7
31	Mitochondrial genome mutations in mesenchymal stem cells derived from human dental induced pluripotent stem cells. <i>BMB Reports</i> , 2019, 52, 689-694.	1.1	8
32	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
33	Multivalent ion-based in situ gelling polysaccharide hydrogel as an injectable bone graft. <i>Carbohydrate Polymers</i> , 2018, 180, 216-225.	5.1	35
34	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
35	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
36	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

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37	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
38	Cholinergic Nerve Differentiation of Mesenchymal Stem Cells Derived from Long-Term Cryopreserved Human Dental Pulp In Vitro and Analysis of Their Motor Nerve Regeneration Potential In Vivo. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2434.	1.8	19
39	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
40	Sustained Release of BMP-2 from Porous Particles with Leaf-Stacked Structure for Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21091-21102.	4.0	32
41	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
42	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
43	The involvement of histone methylation in osteoblastic differentiation of human periosteum-derived cells cultured in vitro under hypoxic conditions. <i>Cell Biochemistry and Function</i> , 2017, 35, 441-452.	1.4	12
44	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
45	Induction of telomere shortening and cellular apoptosis by sodium meta-arsenite in human cancer cell lines. <i>Animal Cells and Systems</i> , 2017, 21, 241-254.	0.8	7
46	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
47	<i>In vitro</i> and long-term (2-year follow-up) <i>in vivo</i> osteogenic activities of human periosteum-derived osteoblasts seeded into growth factor-releasing polycaprolactone/pluronic F127 beads scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 363-376.	2.1	9
48	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
49	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
50	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
51	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
52	17 β -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
53	Research Advancements in Porcine Derived Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 78-93.	0.6	26
54	Differential regulation of senescence and <i>in vitro</i> differentiation by 17 β -estradiol between mesenchymal stem cells derived from male and female mini-pigs. <i>Journal of Veterinary Science</i> , 2016, 17, 159.	0.5	13

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	Differential Cytotoxicity of Penta-O-galloyl- β -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
65	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
66	FOXO1 Is Involved in the Effects of Cigarette Smoke Extract on Osteoblastic Differentiation of Cultured Human Periosteum-derived Cells. <i>International Journal of Medical Sciences</i> , 2015, 12, 881-890.	1.1	9
67	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
68	Differentiation potential of mesenchymal stem cells isolated from human dental tissues into non-mesodermal lineage. <i>Animal Cells and Systems</i> , 2015, 19, 321-331.	0.8	11
69	Immunomodulatory properties and in vivo osteogenesis of human dental stem cells from fresh and cryopreserved dental follicles. <i>Differentiation</i> , 2015, 90, 48-58.	1.0	29
70	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
71	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
72	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

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73	Cell source-dependent in vivo 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
74	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
75	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
76	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
77	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
78	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
79	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
80	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
81	JNK signaling plays an important role in the effects of TNF- α and IL-1 β on in vitro osteoblastic differentiation of cultured human periosteal-derived cells. <i>Molecular Biology Reports</i> , 2013, 40, 4869-4881.	1.0	27
82	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
83	Characterisation and differentiation of porcine ovarian theca-derived multipotent stem cells. <i>Veterinary Journal</i> , 2013, 197, 761-768.	0.6	21
84	Generation of osteogenic construct using periosteal-derived osteoblasts and polydioxanone/pluronic F127 scaffold with periosteal-derived CD146 positive endothelial-like cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 942-953.	2.1	9
85	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
86	Transplantation of porcine umbilical cord matrix mesenchymal stem cells in a mouse model of Parkinson's disease. , 2013, 7, 169.		1
87	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
88	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
89	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
90	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

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91	Isolation of human mesenchymal stem cells from the skin and their neurogenic differentiation <i>in vitro</i> . Journal of the Korean Association of Oral and Maxillofacial Surgeons, 2012, 38, 343.	0.3	5
92	Peripheral nerve regeneration using autologous porcine skin-derived mesenchymal stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 113-124.	1.3	40
93	Removal of cumulus cells before oocyte nuclear maturation enhances enucleation rates without affecting the developmental competence of porcine cloned embryos. Japanese Journal of Veterinary Research, 2012, 60, 191-203.	0.7	4
94	Characterization of Porcine Multipotent Stem/Stromal Cells Derived from Skin, Adipose, and Ovarian Tissues and Their Differentiation <i>In Vitro</i> into Putative Oocyte-Like Cells. Stem Cells and Development, 2011, 20, 1359-1370.	1.1	41
95	Effect of Dimethyl Sulfoxide (DMSO) on Cryopreservation of Porcine Mesenchymal Stem Cells (pMSCs). Cell Transplantation, 2011, 20, 1231-1239.	1.2	67
96	Comparative Analysis of Telomere Length, Telomerase and Reverse Transcriptase Activity in Human Dental Stem Cells. Cell Transplantation, 2011, 20, 1693-1705.	1.2	38
97	<i>In Vitro</i> Developmental Potential of Nuclear Transfer Embryos Cloned with Enucleation Methods using Pre-enucleated Bovine Oocytes. Reproduction in Domestic Animals, 2011, 46, 1035-1042.	0.6	7
98	Osteogenic differentiation of human periosteal-derived cells in a three-dimensional collagen scaffold. Molecular Biology Reports, 2011, 38, 2887-2894.	1.0	28
99	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. Cell and Tissue Research, 2011, 345, 149-161.	1.5	45
100	Tissue-engineered bone formation using periosteal-derived cells and polydioxanone/pluronic F127 scaffold with pre-seeded adipose tissue-derived CD146 positive endothelial-like cells. Biomaterials, 2011, 32, 5033-5045.	5.7	32
101	Variation of Telomerase Activity and Morphology in Porcine Mesenchymal Stem Cells and Fibroblasts during Prolonged <i>in vitro</i> Culture. Animal Biotechnology, 2011, 22, 197-210.	0.7	12
102	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. Anticancer Research, 2011, 31, 4315-28.	0.5	13
103	<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. Tissue Engineering - Part A, 2010, 16, 815-827.	1.6	40
104	Maxillary sinus floor elevation using autogenous skin-derived mesenchymal stem cells in miniature pigs. Journal of the Korean Association of Oral and Maxillofacial Surgeons, 2010, 36, 87.	0.3	2
105	Squamous cell carcinoma occurring with aspergillosis in the maxillary sinus: a case report and histological study. Journal of the Korean Association of Oral and Maxillofacial Surgeons, 2010, 36, 125.	0.3	3
106	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
107	Comparative Characterization of Porcine Mesenchymal Stem Cells Derived from Bone Marrow Extract and Skin Tissues. Tissue Engineering - Part C: Methods, 2010, 16, 1481-1491.	1.1	34
108	Sodium metaarsenite (KML001) induces a G1 phase arrest in HCT116 colorectal cancer cells. FASEB Journal, 2010, 24, 1b656.	0.2	0

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109	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
110	Effect of α -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
111	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
112	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
113	Use of Somatic Cell Nuclear Transfer to Study Meiosis in Female Cattle Carrying A Sex-Dependent Fertility-Impairing X-Chromosome Abnormality. <i>Cloning and Stem Cells</i> , 2007, 9, 118-129.	2.6	11
114	Development and quality of porcine embryos in different culture system and embryo-producing methods. <i>Zygote</i> , 2007, 15, 1-8.	0.5	27
115	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
116	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
117	Ultra-structural changes and developmental potential of porcine oocytes following vitrification. <i>Animal Reproduction Science</i> , 2007, 100, 128-140.	0.5	57
118	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
119	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
120	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
121	Influence of in vitro 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
122	Effect of Donor Cell Types and Passages on Preimplantation Development and Apoptosis in Porcine Cloned Embryos. <i>Asian-Australasian Journal of Animal Sciences</i> , 2007, 20, 711-717.	2.4	7
123	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
124	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
125	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
126	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

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127	In vitro development of bovine oocytes reconstructed with round spermatids. <i>Theriogenology</i> , 2006, 65, 1242-1253.	0.9	8
128	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
129	Effect of chilling on the development of in vitro produced bovine embryos at various cleavage stages. <i>Journal of Assisted Reproduction and Genetics</i> , 2006, 23, 55-61.	1.2	7
130	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
131	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
132	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
133	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
134	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
135	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
136	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
137	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
138	Efficient Production of Cloned Bovine Embryos Using cdc2 kinase Inhibitor. <i>Reproduction in Domestic Animals</i> , 2003, 38, 444-450.	0.6	12
139	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
140	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
141	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
142	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
143	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
144	Sperm and Oocyte Treatments to Improve the Formation of Male and Female Pronuclei and Subsequent Development Following Intracytoplasmic Sperm Injection into Bovine Oocytes ¹ . <i>Biology of Reproduction</i> , 1998, 59, 918-924.	1.2	138