Rangsun Parnpai

List of Publications by Year
in descending order

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43	736	623574	580701
papers	citations	14 h-index	25 g-index

44	44	44	1000
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Insights on Water Buffalo Genomic Diversity and Post-Domestication Migration Routes From Medium Density SNP Chip Data. Frontiers in Genetics, 2018, 9, 53.	1.1	79
2	Internalization of silver nanoparticles into mouse spermatozoa results in poor fertilization and compromised embryo development. Scientific Reports, 2015, 5, 11170.	1.6	59
3	Full-Term Development of Gaurâ€“Bovine Interspecies Somatic Cell Nuclear Transfer Embryos: Effect of Trichostatin A Treatment. Cellular Reprogramming, 2012, 14, 248-257.	0.5	50
4	A Comparison of Cryotop and Solid Surface Vitrification Methods for the Cryopreservation of In Vitro Matured Bovine Oocytes. Journal of Reproduction and Development, 2010, 56, 176-181.	0.5	46
5	Effect of <scp>L</scp>â€carnitine on maturation, cryoâ€tolerance and embryo developmental competence of bovine oocytes. Animal Science Journal, 2013, 84, 719-725.	0.6	46
6	Factors affecting cryosurvival of nuclear-transferred bovine and swamp buffalo blastocysts: effects of hatching stage, linoleic acidâ€“albumin in IVC medium and Ficoll supplementation to vitrification solution. Theriogenology, 2005, 64, 1185-1196.	0.9	44
7	Neural differentiation of mouse embryonic stem cells studied by FTIR spectroscopy. Journal of Molecular Structure, 2010, 967, 189-195.	1.8	41
8	Enhanced Chondrogenic Differentiation of Human Umbilical Cord Wharton's Jelly Derived Mesenchymal Stem Cells by GSK-3 Inhibitors. PLoS ONE, 2017, 12, e0168059.	1.1	33
9	miR-196a Ameliorates Cytotoxicity and Cellular Phenotype in Transgenic Huntingtonâ€™s Disease Monkey Neural Cells. PLoS ONE, 2016, 11, e0162788.	1.1	29
10	Reversal of Cellular Phenotypes in Neural Cells Derived from Huntingtonâ€™s Disease Monkey-Induced Pluripotent Stem Cells. Stem Cell Reports, 2014, 3, 585-593.	2.3	26
11	Spectroscopic signature of mouse embryonic stem cellâ€“derived hepatocytes using synchrotron Fourier transform infrared microspectroscopy. Journal of Biomedical Optics, 2011, 16, 057005.	1.4	20
12	Effects of vitrification cryoprotectant treatment and cooling method on the viability and development of buffalo oocytes after intracytoplasmic sperm injection. Cryobiology, 2012, 65, 151-156.	0.3	17
13	Discrimination of functional hepatocytes derived from mesenchymal stem cells using FTIR microspectroscopy. Analyst, The, 2012, 137, 4774.	1.7	16
14	Pretreatment of in vitro matured bovine oocytes with docetaxel before vitrification: Effects on cytoskeleton integrity and developmental ability after warming. Cryobiology, 2015, 71, 216-223.	0.3	16
15	Differentiation Induction of Human Stem Cells for Corneal Epithelial Regeneration. International Journal of Molecular Sciences, 2020, 21, 7834.	1.8	16
16	Strategies to Improve the Efficiency of Somatic Cell Nuclear Transfer. International Journal of Molecular Sciences, 2022, 23, 1969.	1.8	16
17	Cryopreservation of immature buffalo oocytes: Effects of cytochalasin B pretreatment on the efficiency of cryotop and solid surface vitrification methods. Animal Science Journal, 2012, 83, 630-638.	0.6	15
18	Vitrification of buffalo oocytes and embryos. Theriogenology, 2016, 86, 214-220.	0.9	15

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19	Effect of Donor Cell Types on Developmental Potential of Cattle (Bos taurus) and Swamp Buffalo (Bubalus bubalis) Cloned Embryos. Journal of Reproduction and Development, 2010, 56, 49-54.	0.5	13
20	Enhanced Hepatogenic Differentiation of Human Whartonâ€™s Jellyâ€“Derived Mesenchymal Stem Cells by Using Three-Step Protocol. International Journal of Molecular Sciences, 2019, 20, 3016.	1.8	11
21	Bovine embryo sex determination by multiplex loop-mediated isothermal amplification. Theriogenology, 2015, 83, 891-896.	0.9	10
22	Effect of hexavalent chromium-treated sperm on in vitro fertilization and embryo development. Toxicology and Industrial Health, 2016, 32, 1700-1710.	0.6	10
23	Developmental potential of vitrified goat oocytes following somatic cell nuclear transfer and parthenogenetic activation. Small Ruminant Research, 2013, 112, 141-146.	0.6	9
24	Cytochalasin B efficiency in the cryopreservation of immature bovine oocytes by Cryotop and solid surface vitrification methods. Cryobiology, 2014, 69, 496-499.	0.3	9
25	Reversal of Experimental Liver Damage after Transplantation of Stem-Derived Cells Detected by FTIR Spectroscopy. Stem Cells International, 2017, 2017, 1-10.	1.2	9
26	Vitrification of bovine matured oocytes and blastocysts in a paper container. Animal Science Journal, 2018, 89, 307-315.	0.6	9
27	Effect of Chromatin-Remodeling Agents in Hepatic Differentiation of Rat Bone Marrow-Derived Mesenchymal Stem CellsIn VitroandIn Vivo. Stem Cells International, 2016, 2016, 1-11.	1.2	8
28	Effect of vitrification at different meiotic stages on epigenetic characteristics of bovine oocytes and subsequently developing embryos. Animal Science Journal, 2021, 92, e13596.	0.6	8
29	Effects of Trichostatin A on <i>In Vitro</i> Development and DNA Methylation Level of the Satellite I Region of Swamp Buffalo (<i>Bubalus bubalis</i>) Cloned Embryos. Journal of Reproduction and Development, 2014, 60, 336-341.	0.5	7
30	The effect of temperature during liquid storage of inÂvitroâ€“matured bovine oocytes on subsequent embryo development. Theriogenology, 2016, 85, 509-518.e1.	0.9	6
31	Induced Pluripotent HD Monkey Stem Cells Derived Neural Cells for Drug Discovery. SLAS Discovery, 2017, 22, 696-705.	1.4	6
32	Effect of medium additives during liquid storage on developmental competence of in vitro matured bovine oocytes. Animal Science Journal, 2017, 88, 231-240.	0.6	6
33	CAG repeat instability in embryonic stem cells and derivative spermatogenic cells of transgenic Huntingtonâ€™s disease monkey. Journal of Assisted Reproduction and Genetics, 2021, 38, 1215-1229.	1.2	6
34	Blastocyst development after fertilization with inÂvitro spermatids derived from nonhuman primate embryonic stem cells. F&S Science, 2021, 2, 365-375.	0.5	6
35	Survival and developmental competence of bovine embryos at different developmental stages and separated blastomeres after vitrification in different solutions. Animal Science Journal, 2018, 89, 42-51.	0.6	5
36	Effects of L-carnitine on embryo development of vitrified swamp buffalo oocytes following in vitro fertilization. Livestock Science, 2020, 232, 103933.	0.6	4

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37	A Xeno-Free Strategy for Derivation of Human Umbilical Vein Endothelial Cells and Whartonâ€™s Jelly Derived Mesenchymal Stromal Cells: A Feasibility Study toward Personal Cell and Vascular Based Therapy. Stem Cells International, 2020, 2020, 1-8.	1.2	3
38	Signaling Pathways Impact on Induction of Corneal Epithelial-like Cells Derived from Human Whartonâ€™s Jelly Mesenchymal Stem Cells. International Journal of Molecular Sciences, 2022, 23, 3078.	1.8	3
39	The effects of vitrification after equilibration in different concentrations of cryoprotectants on the survival and quality of bovine blastocysts. Animal Science Journal, 2020, 91, e13451.	0.6	2
40	Effect of vitrification procedures on the subsequent development of inÂvitro matured swamp buffalo oocytes following inÂvitro fertilization. Animal Science Journal, 2018, 89, 1201-1206.	0.6	1
41	The relationship between reactive oxygen species, DNA fragmentation, and sperm parameters in human sperm using simplified sucrose vitrification with or without triple antioxidant supplementation. Clinical and Experimental Reproductive Medicine, 2022, 49, 117-126.	0.5	1
42	Effect of storage tube material and resveratrol during liquid storage of matured bovine oocytes on subsequent development. Acta Veterinaria Hungarica, 2017, 65, 546-555.	0.2	0
43	Vitrification of mouse twoâ€cell and blastocyst stage embryos in simplified closed system using either a hemiâ€straw or a hollow fiber device. Animal Science Journal, 2021, 92, e13585.	0.6	0