

# Rangsun Parnpai

## List of Publications by Year in descending order

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43  
papers

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docs citations

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times ranked

1000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies to Improve the Efficiency of Somatic Cell Nuclear Transfer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1969.	1.8	16
2	Signaling Pathways Impact on Induction of Corneal Epithelial-like Cells Derived from Human Wharton's Jelly Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3078.	1.8	3
3	The relationship between reactive oxygen species, DNA fragmentation, and sperm parameters in human sperm using simplified sucrose vitrification with or without triple antioxidant supplementation. <i>Clinical and Experimental Reproductive Medicine</i> , 2022, 49, 117-126.	0.5	1
4	Vitrification of mouse two-cell and blastocyst stage embryos in simplified closed system using either a hemistraw or a hollow fiber device. <i>Animal Science Journal</i> , 2021, 92, e13585.	0.6	0
5	Effect of vitrification at different meiotic stages on epigenetic characteristics of bovine oocytes and subsequently developing embryos. <i>Animal Science Journal</i> , 2021, 92, e13596.	0.6	8
6	CAG repeat instability in embryonic stem cells and derivative spermatogenic cells of transgenic Huntington's disease monkey. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1215-1229.	1.2	6
7	Blastocyst development after fertilization with <i>in vitro</i> spermatids derived from nonhuman primate embryonic stem cells. <i>F&amp;S Science</i> , 2021, 2, 365-375.	0.5	6
8	A Xeno-Free Strategy for Derivation of Human Umbilical Vein Endothelial Cells and Wharton's Jelly Derived Mesenchymal Stromal Cells: A Feasibility Study toward Personal Cell and Vascular Based Therapy. <i>Stem Cells International</i> , 2020, 2020, 1-8.	1.2	3
9	Differentiation Induction of Human Stem Cells for Corneal Epithelial Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7834.	1.8	16
10	The effects of vitrification after equilibration in different concentrations of cryoprotectants on the survival and quality of bovine blastocysts. <i>Animal Science Journal</i> , 2020, 91, e13451.	0.6	2
11	Effects of L-carnitine on embryo development of vitrified swamp buffalo oocytes following <i>in vitro</i> fertilization. <i>Livestock Science</i> , 2020, 232, 103933.	0.6	4
12	Enhanced Hepatogenic Differentiation of Human Wharton's Jelly-Derived Mesenchymal Stem Cells by Using Three-Step Protocol. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3016.	1.8	11
13	Vitrification of bovine matured oocytes and blastocysts in a paper container. <i>Animal Science Journal</i> , 2018, 89, 307-315.	0.6	9
14	Survival and developmental competence of bovine embryos at different developmental stages and separated blastomeres after vitrification in different solutions. <i>Animal Science Journal</i> , 2018, 89, 42-51.	0.6	5
15	New Insights on Water Buffalo Genomic Diversity and Post-Domestication Migration Routes From Medium Density SNP Chip Data. <i>Frontiers in Genetics</i> , 2018, 9, 53.	1.1	79
16	Effect of vitrification procedures on the subsequent development of <i>in vitro</i> matured swamp buffalo oocytes following <i>in vitro</i> fertilization. <i>Animal Science Journal</i> , 2018, 89, 1201-1206.	0.6	1
17	Induced Pluripotent HD Monkey Stem Cells Derived Neural Cells for Drug Discovery. <i>SLAS Discovery</i> , 2017, 22, 696-705.	1.4	6
18	Effect of medium additives during liquid storage on developmental competence of <i>in vitro</i> matured bovine oocytes. <i>Animal Science Journal</i> , 2017, 88, 231-240.	0.6	6

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19	Effect of storage tube material and resveratrol during liquid storage of matured bovine oocytes on subsequent development. <i>Acta Veterinaria Hungarica</i> , 2017, 65, 546-555.	0.2	0
20	Reversal of Experimental Liver Damage after Transplantation of Stem-Derived Cells Detected by FTIR Spectroscopy. <i>Stem Cells International</i> , 2017, 2017, 1-10.	1.2	9
21	Enhanced Chondrogenic Differentiation of Human Umbilical Cord Wharton's Jelly Derived Mesenchymal Stem Cells by GSK-3 Inhibitors. <i>PLoS ONE</i> , 2017, 12, e0168059.	1.1	33
22	Effect of Chromatin-Remodeling Agents in Hepatic Differentiation of Rat Bone Marrow-Derived Mesenchymal Stem Cells <i>In Vitro</i> and <i>In Vivo</i> . <i>Stem Cells International</i> , 2016, 2016, 1-11.	1.2	8
23	miR-196a Ameliorates Cytotoxicity and Cellular Phenotype in Transgenic Huntington's Disease Monkey Neural Cells. <i>PLoS ONE</i> , 2016, 11, e0162788.	1.1	29
24	Vitrification of buffalo oocytes and embryos. <i>Theriogenology</i> , 2016, 86, 214-220.	0.9	15
25	Effect of hexavalent chromium-treated sperm on <i>in vitro</i> fertilization and embryo development. <i>Toxicology and Industrial Health</i> , 2016, 32, 1700-1710.	0.6	10
26	The effect of temperature during liquid storage of <i>in vitro</i> matured bovine oocytes on subsequent embryo development. <i>Theriogenology</i> , 2016, 85, 509-518.e1.	0.9	6
27	Internalization of silver nanoparticles into mouse spermatozoa results in poor fertilization and compromised embryo development. <i>Scientific Reports</i> , 2015, 5, 11170.	1.6	59
28	Pretreatment of <i>in vitro</i> matured bovine oocytes with docetaxel before vitrification: Effects on cytoskeleton integrity and developmental ability after warming. <i>Cryobiology</i> , 2015, 71, 216-223.	0.3	16
29	Bovine embryo sex determination by multiplex loop-mediated isothermal amplification. <i>Theriogenology</i> , 2015, 83, 891-896.	0.9	10
30	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. <i>Journal of Reproduction and Development</i> , 2014, 60, 336-341.	0.5	7
31	Cytochalasin B efficiency in the cryopreservation of immature bovine oocytes by Cryotop and solid surface vitrification methods. <i>Cryobiology</i> , 2014, 69, 496-499.	0.3	9
32	Reversal of Cellular Phenotypes in Neural Cells Derived from Huntington's Disease Monkey-Induced Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2014, 3, 585-593.	2.3	26
33	Developmental potential of vitrified goat oocytes following somatic cell nuclear transfer and parthenogenetic activation. <i>Small Ruminant Research</i> , 2013, 112, 141-146.	0.6	9
34	Effect of L-carnitine on maturation, cryotolerance and embryo developmental competence of bovine oocytes. <i>Animal Science Journal</i> , 2013, 84, 719-725.	0.6	46
35	Discrimination of functional hepatocytes derived from mesenchymal stem cells using FTIR microspectroscopy. <i>Analyst</i> , 2012, 137, 4774.	1.7	16
36	Effects of vitrification cryoprotectant treatment and cooling method on the viability and development of buffalo oocytes after intracytoplasmic sperm injection. <i>Cryobiology</i> , 2012, 65, 151-156.	0.3	17

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37	Full-Term Development of Gaurâ€“Bovine Interspecies Somatic Cell Nuclear Transfer Embryos: Effect of Trichostatin A Treatment. <i>Cellular Reprogramming</i> , 2012, 14, 248-257.	0.5	50
38	Cryopreservation of immature buffalo oocytes: Effects of cytochalasin B pretreatment on the efficiency of cryotop and solid surface vitrification methods. <i>Animal Science Journal</i> , 2012, 83, 630-638.	0.6	15
39	Spectroscopic signature of mouse embryonic stem cellâ€“derived hepatocytes using synchrotron Fourier transform infrared microspectroscopy. <i>Journal of Biomedical Optics</i> , 2011, 16, 057005.	1.4	20
40	A Comparison of Cryotop and Solid Surface Vitrification Methods for the Cryopreservation of In Vitro Matured Bovine Oocytes. <i>Journal of Reproduction and Development</i> , 2010, 56, 176-181.	0.5	46
41	Neural differentiation of mouse embryonic stem cells studied by FTIR spectroscopy. <i>Journal of Molecular Structure</i> , 2010, 967, 189-195.	1.8	41
42	Effect of Donor Cell Types on Developmental Potential of Cattle ( <i>Bos taurus</i> ) and Swamp Buffalo ( <i>Bubalus bubalis</i> ) Cloned Embryos. <i>Journal of Reproduction and Development</i> , 2010, 56, 49-54.	0.5	13
43	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. <i>Theriogenology</i> , 2005, 64, 1185-1196.	0.9	44