

Monika Saini

List of Publications by Year in descending order

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papers

419
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687363

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#	ARTICLE	IF	CITATIONS
1	Liposome-based semen extender is suitable alternative to egg yolk-based extender for cryopreservation of buffalo (<i>Bubalus bubalis</i>) semen. <i>Animal Reproduction Science</i> , 2015, 159, 38-45.	1.5	58
2	Hope for Restoration of Dead Valuable Bulls through Cloning Using Donor Somatic Cells Isolated from Cryopreserved Semen. <i>PLoS ONE</i> , 2014, 9, e90755.	2.5	57
3	Roscovotine Treatment Improves Synchronization of Donor Cell Cycle in G0/G1 Stage and <i>In Vitro</i> Development of Handmade Cloned Buffalo (<i>Bubalus bubalis</i>) Embryos. <i>Cellular Reprogramming</i> , 2012, 14, 146-154.	0.9	37
4	Treatment of Donor Cells and Reconstructed Embryos with a Combination of Trichostatin-A and 5-aza-2-Deoxycytidine Improves the Developmental Competence and Quality of Buffalo Embryos Produced by Handmade Cloning and Alters Their Epigenetic Status and Gene Expression. <i>Cellular Reprogramming</i> , 2017, 19, 208-215.	0.9	25
5	Cloning of Buffalo, a Highly Valued Livestock Species of South and Southeast Asia: Any Achievements?. <i>Cellular Reprogramming</i> , 2018, 20, 89-98.	0.9	24
6	Production of a Cloned Buffalo (<i>Bubalus bubalis</i>) Calf from Somatic Cells Isolated from Urine. <i>Cellular Reprogramming</i> , 2015, 17, 160-169.	0.9	23
7	Successful cloning of a superior buffalo bull. <i>Scientific Reports</i> , 2019, 9, 11366.	3.3	22
8	Quantification of leptin in seminal plasma of buffalo bulls and its correlation with antioxidant status, conventional and computer-assisted sperm analysis (CASA) semen variables. <i>Animal Reproduction Science</i> , 2016, 166, 122-127.	1.5	21
9	The cryoprotective effect of iodixanol in buffalo semen cryopreservation. <i>Animal Reproduction Science</i> , 2017, 179, 20-26.	1.5	21
10	Effect of donor cell type on developmental competence, quality, gene expression, and epigenetic status of interspecies cloned embryos produced using cells from wild buffalo and oocytes from domestic buffalo. <i>Theriogenology</i> , 2015, 84, 101-108.e1.	2.1	20
11	Cysteamine supplementation revealed detrimental effect on cryosurvival of buffalo sperm based on computer-assisted semen analysis and oxidative parameters. <i>Animal Reproduction Science</i> , 2017, 177, 56-64.	1.5	18
12	Establishment of a Somatic Cell Bank for Indian Buffalo Breeds and Assessing the Suitability of the Cryopreserved Cells for Somatic Cell Nuclear Transfer. <i>Cellular Reprogramming</i> , 2018, 20, 157-163.	0.9	17
13	An update: Reproductive handmade cloning of water buffalo (<i>Bubalus bubalis</i>). <i>Animal Reproduction Science</i> , 2018, 197, 1-9.	1.5	17
14	Buffalo (<i>Bubalus bubalis</i>) SCNT embryos produced from somatic cells isolated from frozen-thawed semen: effect of trichostatin A on the <i>in vitro</i> and <i>in vivo</i> developmental potential, quality and epigenetic status. <i>Zygote</i> , 2016, 24, 549-553.	1.1	13
15	Epigenetic Alteration of Donor Cells with Histone Deacetylase Inhibitor m-Carboxycinnamic Acid Bishydroxymide Improves the <i>In Vitro</i> Developmental Competence of Buffalo (<i>Bubalus bubalis</i>) Cloned Embryos. <i>Cellular Reprogramming</i> , 2018, 20, 76-88.	0.9	11
16	Downregulation of DNA Methyltransferase 1 in Zona-Free Cloned Buffalo (<i>Bubalus bubalis</i>) Embryos by Small Interfering RNA Improves <i>In Vitro</i> Development But Does Not Alter DNA Methylation Level. <i>Cellular Reprogramming</i> , 2015, 17, 89-94.	0.9	10
17	Valproic Acid Increases Histone Acetylation and Alters Gene Expression in the Donor Cells But Does Not Improve the <i>In Vitro</i> Developmental Competence of Buffalo (<i>Bubalus bubalis</i>) Embryos Produced by Hand-Made Cloning. <i>Cellular Reprogramming</i> , 2017, 19, 10-18.	0.9	10
18	Cryobanking of primary somatic cells of elite farm animals - A pilot study in domesticated water buffalo (<i>Bubalus bubalis</i>). <i>Cryobiology</i> , 2021, 98, 139-145.	0.7	8

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19	Semen parameters and fertility potency of a cloned water buffalo (<i>Bubalus bubalis</i>) bull produced from a semen-derived epithelial cell. PLoS ONE, 2020, 15, e0237766.	2.5	3
20	Isolation and culture of epithelial cells from stored buffalo semen and their use for the production of cloned embryos. Reproduction, Fertility and Development, 2019, 31, 1581.	0.4	2
21	Approaches used to improve epigenetic reprogramming in buffalo cloned embryos. Indian Journal of Medical Research, 2018, 148, S115-S119.	1.0	2