

Monika Saini

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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.	0.3	8
2	Semen parameters and fertility potency of a cloned water buffalo (<i>Bubalus bubalis</i>) bull produced from a semen-derived epithelial cell. <i>PLoS ONE</i> , 2020, 15, e0237766.	1.1	3
3	Successful cloning of a superior buffalo bull. <i>Scientific Reports</i> , 2019, 9, 11366.	1.6	22
4	Isolation and culture of epithelial cells from stored buffalo semen and their use for the production of cloned embryos. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1581.	0.1	2
5	Cloning of Buffalo, a Highly Valued Livestock Species of South and Southeast Asia: Any Achievements?. <i>Cellular Reprogramming</i> , 2018, 20, 89-98.	0.5	24
6	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.	0.5	11
7	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.	0.5	17
8	An update: Reproductive handmade cloning of water buffalo (<i>Bubalus bubalis</i>). <i>Animal Reproduction Science</i> , 2018, 197, 1-9.	0.5	17
9	Approaches used to improve epigenetic reprogramming in buffalo cloned embryos. <i>Indian Journal of Medical Research</i> , 2018, 148, S115-S119.	0.4	2
10	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.	0.5	10
11	The cryoprotective effect of iodixanol in buffalo semen cryopreservation. <i>Animal Reproduction Science</i> , 2017, 179, 20-26.	0.5	21
12	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.	0.5	25
13	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.	0.5	18
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.	0.5	13
15	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.	0.5	21
16	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.	0.5	58
17	Production of a Cloned Buffalo (<i>Bubalus bubalis</i>) Calf from Somatic Cells Isolated from Urine. <i>Cellular Reprogramming</i> , 2015, 17, 160-169.	0.5	23
18	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.	0.9	20

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19	Downregulation of DNA Methyltransferase 1 in Zona-Free Cloned Buffalo (<i>Bubalus bubalis</i>) Embryos by Small Interefering RNA Improves In Vitro Development But Does Not Alter DNA Methylation Level. Cellular Reprogramming, 2015, 17, 89-94.	0.5	10
20	Hope for Restoration of Dead Valuable Bulls through Cloning Using Donor Somatic Cells Isolated from Cryopreserved Semen. PLoS ONE, 2014, 9, e90755.	1.1	57
21	Roscovitine 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. Cellular Reprogramming, 2012, 14, 146-154.	0.5	37