Naresh Lalaji Selokar

List of Publications by Year in Descending Order

39 papers	439 citations	13 h-index	19 g-index
43 ext. papers	503 ext. citations	2.2 avg, IF	3.24 L-index

#	Paper	IF	Citations
39	Pluripotent Stem Cells from Buffalo: Basic and Translational Applications **2022**, 247-265		
38	Somatic Cell Nuclear Transfer and its Applications in Buffalo (Bubalus bubalis) **2022**, 439-457		
37	Cryobanking of primary somatic cells of elite farm animals - A pilot study in domesticated water buffalo (Bubalus bubalis). *Cryobiology*, **2021**, 98, 139-145	2.7	1
36	Perspectives of pluripotent stem cells in livestock. *World Journal of Stem Cells*, **2021**, 13, 1-29	5.6	3
35	Low-density lipoproteins protect sperm during cryopreservation in buffalo: Unraveling mechanism of action. *Molecular Reproduction and Development*, **2020**, 87, 1231-1244	2.6	1
34	Semen parameters and fertility potency of a cloned water buffalo (Bubalus bubalis) bull produced from a semen-derived epithelial cell. *PLoS ONE*, **2020**, 15, e0237766	3.7	1
33	Transposon mediated reprogramming of buffalo fetal fibroblasts to induced pluripotent stem cells in feeder free culture conditions. *Research in Veterinary Science*, **2019**, 123, 252-260	2.5	7
32	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, 1581-1588	1.8	1
31	Successful cloning of a superior buffalo bull. *Scientific Reports*, **2019**, 9, 11366	4.9	15
30	Generation of Venus fluorochrome expressing transgenic handmade cloned buffalo embryos using Sleeping Beauty transposon. *Tissue and Cell*, **2018**, 51, 49-55	2.7	8
29	Cloning of Buffalo, a Highly Valued Livestock Species of South and Southeast Asia: Any Achievements?. *Cellular Reprogramming*, **2018**, 20, 89-98	2.1	14
28	Epigenetic Alteration of Donor Cells with Histone Deacetylase Inhibitor m-Carboxycinnamic Acid Bishydroxymide Improves the In Vitro Developmental Competence of Buffalo (Bubalus bubalis) Cloned Embryos. *Cellular Reprogramming*, **2018**, 20, 76-88	2.1	9
27	Epigenetic status of buffalo fibroblasts treated with sodium butyrate a chromatin remodeling agent. *Tissue and Cell*, **2018**, 50, 51-58	2.7	4
26	An update: Reproductive handmade cloning of water buffalo (Bubalus bubalis). *Animal Reproduction Science*, **2018**, 197, 1-9	2.1	14
25	Cloning of breeding buffalo bulls in India: Initiatives & challenges. *Indian Journal of Medical Research*, **2018**, 148, S120-S124	2.9	
24	Approaches used to improve epigenetic reprogramming in buffalo cloned embryos. *Indian Journal of Medical Research*, **2018**, 148, S115-S119	2.9	2
23	Establishment of a Somatic Cell Bank for Indian Buffalo Breeds and Assessing the Suitability of the Cryopreserved Cells for Somatic Cell Nuclear Transfer. *Cellular Reprogramming*, **2018**, 20, 157-163	2.1	10

22	Valproic Acid Increases Histone Acetylation and Alters Gene Expression in the Donor Cells But Does Not Improve the In Vitro Developmental Competence of Buffalo (Bubalus bubalis) Embryos Produced by Hand-Made Cloning. *Cellular Reprogramming*, **2017**, 19, 10-18	2.1	8
21	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. *Cellular Reprogramming*, **2017**, 19, 208-215	2.1	20
20	Amnion Epithelial Cells of Buffalo (Bubalus Bubalis) Term Placenta Expressed Embryonic Stem Cells Markers and Differentiated into Cells of Neurogenic Lineage In Vitro. *Animal Biotechnology*, **2016**, 27, 38-43	1.4	4
19	Treatment of buffalo (Bubalus bubalis) donor cells with trichostatin A and 5-aza-2′-deoxycytidine alters their growth characteristics, gene expression and epigenetic status and improves the in vitro developmental competence, quality and epigenetic status of cloned embryos. *Reproduction, Fertility and Development*, **2016**, 28, 824-37	1.8	28
18	Buffalo (Bubalus bubalis) SCNT embryos produced from somatic cells isolated from frozen-thawed semen: effect of trichostatin A on the in vitro and in vivo developmental potential, quality and epigenetic status. *Zygote*, **2016**, 24, 549-53	1.6	8
17	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. *Theriogenology*, **2015**, 84, 101-8.e1	2.8	16
16	Downregulation of DNA methyltransferase 1 in zona-free cloned buffalo (Bubalus bubalis) embryos by small interefering RNA improves in vitro development but does not alter DNA methylation level. *Cellular Reprogramming*, **2015**, 17, 89-94	2.1	10
15	Buffalo embryos produced by handmade cloning from oocytes selected using brilliant cresyl blue staining have better developmental competence and quality and are closer to embryos produced by in vitro fertilization in terms of their epigenetic status and gene expression pattern. *Cellular Reprogramming*, **2015**, 17, 141-50	2.1	27
14	Buffalo Embryonic, Fetal and Adult Stem Cells: Progress and Challenges. *Agricultural Research*, **2015**, 4, 7-20	1.4	1
13	Buffalo (Bubalus bubalis) term amniotic-membrane-derived cells exhibited mesenchymal stem cells characteristics in vitro. *In Vitro Cellular and Developmental Biology - Animal*, **2015**, 51, 915-21	2.6	11
12	Low oxygen tension improves developmental competence and reduces apoptosis in hand-made cloned buffalo (Bubalus bubalis) embryos. *Livestock Science*, **2015**, 172, 106-109	1.7	5
11	Trichostatin A alters the expression of cell cycle controlling genes and microRNAs in donor cells and subsequently improves the yield and quality of cloned bovine embryos in vitro. *Theriogenology*, **2014**, 82, 1036-42	2.8	6
10	Production of wild buffalo (Bubalus arnee) embryos by interspecies somatic cell nuclear transfer using domestic buffalo (Bubalus bubalis) oocytes. *Reproduction in Domestic Animals*, **2014**, 49, 343-51	1.6	13
9	Hope for restoration of dead valuable bulls through cloning using donor somatic cells isolated from cryopreserved semen. *PLoS ONE*, **2014**, 9, e90755	3.7	50
8	Cryopreservation of zona-free cloned buffalo (Bubalus Bubalis) embryos: slow freezing vs open-pulled straw vitrification. *Reproduction in Domestic Animals*, **2013**, 48, 538-44	1.6	14
7	Effect of histone deacetylase inhibitor valproic acid treatment on donor cell growth characteristics, cell cycle arrest, apoptosis, and handmade cloned bovine embryo production efficiency. *Cellular Reprogramming*, **2013**, 15, 531-42	2.1	25
6	Production of nuclear transfer embryos by using somatic cells isolated from milk in buffalo (Bubalus bubalis). *Reproduction in Domestic Animals*, **2012**, 47, 842-8	1.6	7
5	Effect of post-fusion holding time, orientation and position of somatic cell-cytoplasts during electrofusion on the development of handmade cloned embryos in buffalo (Bubalus bubalis). *Theriogenology*, **2012**, 78, 930-6	2.8	36

4	Equivalency of buffalo (Bubalus bubalis) embryonic stem cells derived from fertilized, parthenogenetic, and hand-made cloned embryos. *Cellular Reprogramming*, **2012**, 14, 267-79	2.1	12
3	Roscovitine treatment improves synchronization of donor cell cycle in G0/G1 stage and in vitro development of handmade cloned buffalo (Bubalus bubalis) embryos. *Cellular Reprogramming*, **2012**, 14, 146-54	2.1	32
2	Production of interspecies handmade cloned embryos by nuclear transfer of cattle, goat and rat fibroblasts to buffalo (Bubalus bubalis) oocytes. *Animal Reproduction Science*, **2011**, 123, 279-82	2.1	14
1	Effect of DNA Methylation Inhibitors on the Developmental Competence of Cloned Buffalo (Bubalus bubalis) Embryos.. *Biology of Reproduction*, **2011**, 85, 781-781	3.9	2