Fenghua Lu

List of Publications by Year
in descending order

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26 papers	326 citations	1307594 7 h-index	888059 17 g-index
26 all docs	26 docs citations	26 times ranked	320 citing authors

#	Article	IF	Citations
1	Buffalos (Bubalus bubalis) Cloned by Nuclear Transfer of Somatic Cells1. Biology of Reproduction, 2007, 77, 285-291.	2.7	132
2	Understanding divergent domestication traits from the whole-genome sequencing of swamp- and river-buffalo populations. National Science Review, 2020, 7, 686-701.	9.5	43
3	Brain-derived neurotrophic factor (BDNF) is expressed in buffalo (Bubalus bubalis) ovarian follicles and promotes oocyte maturation and early embryonic development. Theriogenology, 2019, 130, 79-88.	2.1	29
4	Efficient Generation of Transgenic Buffalos (Bubalus bubalis) by Nuclear Transfer of Fetal Fibroblasts Expressing Enhanced Green Fluorescent Protein. Scientific Reports, 2018, 8, 6967.	3.3	20
5	Effects of Scriptaid on the Histone Acetylation, DNA Methylation and Development of Buffalo Somatic Cell Nuclear Transfer Embryos. Cellular Reprogramming, 2015, 17, 404-414.	0.9	12
6	A new threeâ€dimensional glass scaffold increases the in vitro maturation efficiency of buffalo (Bubalus bubalis) oocyte via remodelling the extracellular matrix and cell connection of cumulus cells. Reproduction in Domestic Animals, 2020, 55, 170-180.	1.4	10
7	Effects of scriptaid on the histone acetylation of buffalo oocytes and their ability to support the development of somatic cell nuclear transfer embryos. Theriogenology, 2015, 83, 1219-1225.	2.1	8
8	Effect of sex differences in donor foetal fibroblast on the early development and DNA methylation status of buffalo (Bubalus bubalis) nuclear transfer embryos. Reproduction in Domestic Animals, 2019, 54, 11-22.	1.4	7
9	Histone Demethylase KDM4D Could Improve the Developmental Competence of Buffalo (Bubalus Bubalis) Somatic Cell Nuclear Transfer (SCNT) Embryos. Microscopy and Microanalysis, 2021, 27, 409-419.	0.4	7
10	CK1 inhibitor affects in vitro maturation and developmental competence of bovine oocytes. Reproduction in Domestic Animals, 2019, 54, 1104-1112.	1.4	6
11	Optimization of parthenogenetic activation of rabbit oocytes and development of rabbit embryo by somatic cell nuclear transfer. Reproduction in Domestic Animals, 2019, 54, 258-269.	1.4	6
12	Activation of Wnt/Î²-Catenin Signaling Pathway Enhances the Derivation of Buffalo (Bubalus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.9	6
13	Hypoxia Enhances Mesenchymal Characteristics Maintenance of Buffalo Bone Marrow-Derived Mesenchymal Stem Cells. Cellular Reprogramming, 2020, 22, 167-177.	0.9	6
14	Cytoplasmic volume of recipient oocytes affects the nucleus reprogramming and the developmental competence of HMC buffalo (Bubalus bubalis) embryos. Journal of Veterinary Medical Science, 2018, 80, 1291-1300.	0.9	5
15	Granulosa cell-conditioned medium enhances steroidogenic competence of buffalo (Bubalus bubalis) theca cells. In Vitro Cellular and Developmental Biology - Animal, 2020, 56, 799-807.	1.5	5
16	Granulosa cells affect in vitro maturation and subsequent parthenogenetic development of buffalo (Bubalus bubalis) oocytes. Reproduction in Domestic Animals, 2022, 57, 141-148.	1.4	4
17	Theca cellâ€conditioned medium added to in vitro maturation enhances embryo developmental competence of buffalo (Bubalus bubalis) oocytes after parthenogenic activation. Reproduction in Domestic Animals, 2020, 55, 1501-1510.	1.4	3
18	Theca cellâ€conditioned medium enhances steroidogenesis competence of buffalo (Bubalus bubalis) granulosa cells. Reproduction in Domestic Animals, 2021, 56, 254-262.	1.4	3

#	Article	IF	Citations
19	RNAi-mediated knockdown of Xist improves development of the female buffalo (Bubalus bubalis) nuclear transfer embryos. Theriogenology, 2022, 187, 27-33.	2.1	3
20	Establishment and characterization of buffalo fetal fibroblasts induced with human telomerase reverse transcriptase. Theriogenology, 2016, 86, 1622-1629.	2.1	2
21	Anti-silencing factor 1A is associated with genome stability maintenance of mouse preimplantation embryosâ€. Biology of Reproduction, 2020, 102, 817-827.	2.7	2
22	Cell synchronization by Rapamycin improves the developmental competence of buffalos (Bubalus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	2
23	Transforming Growth Factor-Î²1 Enhances Mesenchymal Characteristics of Buffalo (<i>Bubalus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	2
24	Hypoxia promotes steroidogenic competence of buffalo (Bubalus bubalis) theca cells. Theriogenology, 2022, 180, 113-120.	2.1	2
25	The expression pattern of fibroblast growth factor 10 and its receptors during buffalo follicular development. International Journal of Clinical and Experimental Pathology, 2018, 11, 4934-4941.	0.5	1
26	The effects of IAM38 blocking or CD4 blocking on the binding of exogenous DNA in rabbit sperm. Molecular Biology Reports, 2019, 46, 251-259.	2.3	0