

Karina Gutierrez

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Cell Cycle Stage and DNA Repair Pathway Influence CRISPR/Cas9 Gene Editing Efficiency in Porcine Embryos. <i>Life</i> , 2022, 12, 171.	1.1	2
2	Tauroursodeoxycholic acid/TGR5 signaling promotes survival and early development of glucose-stressed porcine embryos. <i>Biology of Reproduction</i> , 2021, 105, 76-86.	1.2	5
3	Supplementation of oleic acid, stearic acid, palmitic acid and β -hydroxybutyrate increase H3K9me3 in endometrial epithelial cells of cattle cultured in vitro. <i>Animal Reproduction Science</i> , 2021, 233, 106851.	0.5	3
4	Chromatin role in early programming of embryos. <i>Animal Frontiers</i> , 2021, 11, 57-65.	0.8	11
5	Tauroursodeoxycholic acid acts via TGR5 receptor to facilitate DNA damage repair and improve early porcine embryo development. <i>Molecular Reproduction and Development</i> , 2020, 87, 161-173.	1.0	14
6	Histone Lysine Demethylases KDM5B and KDM5C Modulate Genome Activation and Stability in Porcine Embryos. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 151.	1.8	21
7	The histone lysine demethylase <i>KDM7A</i> is required for normal development and first cell lineage specification in porcine embryos. <i>Epigenetics</i> , 2019, 14, 1088-1101.	1.3	13
8	A fast and reliable protocol for activation of porcine oocytes. <i>Theriogenology</i> , 2019, 123, 22-29.	0.9	23
9	Inhibition of RNA synthesis during Scriptaid exposure enhances gene reprogramming in SCNT embryos. <i>Reproduction</i> , 2019, 157, 123-133.	1.1	6
10	Histone 3 lysine 4, 9, and 27 demethylases expression profile in fertilized and cloned bovine and porcine embryos. <i>Biology of Reproduction</i> , 2018, 98, 742-751.	1.2	35
11	Granulosa cells of prepubertal cattle respond to gonadotropin signaling and upregulate genes that promote follicular growth and prevent cell apoptosis. <i>Molecular Reproduction and Development</i> , 2018, 85, 909-920.	1.0	13
12	Interval of gonadotropin administration for in vitro embryo production from oocytes collected from Holstein calves between 2 and 6 months of age by repeated laparoscopy. <i>Theriogenology</i> , 2018, 116, 64-70.	0.9	21
13	Double-strand DNA breaks are mainly repaired by the homologous recombination pathway in early developing swine embryos. <i>FASEB Journal</i> , 2018, 32, 1818-1829.	0.2	15
14	The effect of age and length of gonadotropin stimulation on the in vitro embryo development of Holstein calf oocytes. <i>Theriogenology</i> , 2017, 104, 87-93.	0.9	31
15	Relief of endoplasmic reticulum stress enhances DNA damage repair and improves development of pre-implantation embryos. <i>PLoS ONE</i> , 2017, 12, e0187717.	1.1	21
16	Effects of Adiponectin Including Reduction of Androstenedione Secretion and Ovarian Oxidative Stress Parameters In Vivo. <i>PLoS ONE</i> , 2016, 11, e0154453.	1.1	14
17	Exposure of Somatic Cells to Cytoplasm Extracts of Porcine Oocytes Induces Stem Cell-Like Colony Formation and Alters Expression of Pluripotency and Chromatin-Modifying Genes. <i>Cellular Reprogramming</i> , 2016, 18, 137-146.	0.5	2
18	Bovine ovarian cells have (pro)renin receptors and prorenin induces resumption of meiosis in vitro. <i>Peptides</i> , 2016, 81, 1-8.	1.2	6

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19	Gonadotoxic effects of busulfan in two strains of mice. <i>Reproductive Toxicology</i> , 2016, 59, 31-39.	1.3	24
20	Efficacy of the porcine species in biomedical research. <i>Frontiers in Genetics</i> , 2015, 6, 293.	1.1	148
21	Endoplasmic Reticulum Stress, Genome Damage, and Cancer. <i>Frontiers in Oncology</i> , 2015, 5, 11.	1.3	86
22	Nested-PCR multiplex test with increased sensitivity for detection of allogeneic cells transplanted from male to female mice. <i>Ciencia Rural</i> , 2015, 45, 905-911.	0.3	0
23	Growth factor receptor-bound protein 14: a potential new gene associated with oocyte competence. <i>Zygote</i> , 2014, 22, 103-109.	0.5	1
24	Resveratrol improves sperm motility, prevents lipid peroxidation and enhances antioxidant defences in the testes of hyperthyroid rats. <i>Reproductive Toxicology</i> , 2013, 37, 31-39.	1.3	54
25	Characterization of the kallikrein-kinin system during the bovine ovulation process. <i>Peptides</i> , 2011, 32, 2122-2126.	1.2	7
26	Angiotensin II profile and mRNA encoding RAS proteins during bovine follicular wave. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011, 12, 475-482.	1.0	26
27	Enhancement of Chromatin and Epigenetic Reprogramming in Porcine SCNT Embryos—Progresses and Perspectives. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	5