Karina Gutierrez

List of Publications by Year
in descending order

27 papers	607 citations	687363 13 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	1006 citing authors

#	Article	IF	Citations
1	Cell Cycle Stage and DNA Repair Pathway Influence CRISPR/Cas9 Gene Editing Efficiency in Porcine Embryos. Life, 2022, 12, 171.	2.4	2
2	Tauroursodeoxycholic acid/TGR5 signaling promotes survival and early development of glucose-stressed porcine embryos. Biology of Reproduction, 2021, 105, 76-86.	2.7	5
3	Supplementation of oleic acid, stearic acid, palmitic acid and Î²-hydroxybutyrate increase H3K9me3 in endometrial epithelial cells of cattle cultured in vitro. Animal Reproduction Science, 2021, 233, 106851.	1.5	3
4	Chromatin role in early programming of embryos. Animal Frontiers, 2021, 11, 57-65.	1.7	11
5	Tauroursodeoxycholic acid acts via TGR5 receptor to facilitate DNA damage repair and improve early porcine embryo development. Molecular Reproduction and Development, 2020, 87, 161-173.	2.0	14
6	Histone Lysine Demethylases KDM5B and KDM5C Modulate Genome Activation and Stability in Porcine Embryos. Frontiers in Cell and Developmental Biology, 2020, 8, 151.	3.7	21
7	The histone lysine demethylase KDM7A is required for normal development and first cell lineage specification in porcine embryos. Epigenetics, 2019, 14, 1088-1101.	2.7	13
8	A fast and reliable protocol for activation of porcine oocytes. Theriogenology, 2019, 123, 22-29.	2.1	23
9	Inhibition of RNA synthesis during Scriptaid exposure enhances gene reprogramming in SCNT embryos. Reproduction, 2019, 157, 123-133.	2.6	6
10	Histone 3 lysine 4, 9, and 27 demethylases expression profile in fertilized and cloned bovine and porcine embryosâ€. Biology of Reproduction, 2018, 98, 742-751.	2.7	35
11	Granulosa cells of prepubertal cattle respond to gonadotropin signaling and upregulate genes that promote follicular growth and prevent cell apoptosis. Molecular Reproduction and Development, 2018, 85, 909-920.	2.0	13
12	Interval of gonadotropin administration for inÂvitro embryo production from oocytes collected from Holstein calves between 2 and 6 months of age by repeated laparoscopy. Theriogenology, 2018, 116, 64-70.	2.1	21
13	Doubleâ€strand DNA breaks are mainly repaired by the homologous recombination pathway in early developing swine embryos. FASEB Journal, 2018, 32, 1818-1829.	0.5	15
14	The effect of age and length of gonadotropin stimulation on the inÂvitro embryo development of Holstein calf oocytes. Theriogenology, 2017, 104, 87-93.	2.1	31
15	Relief of endoplasmic reticulum stress enhances DNA damage repair and improves development of pre-implantation embryos. PLoS ONE, 2017, 12, e0187717.	2.5	21
16	Effects of Adiponectin Including Reduction of Androstenedione Secretion and Ovarian Oxidative Stress Parameters In Vivo. PLoS ONE, 2016, 11, e0154453.	2.5	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. Cellular Reprogramming, 2016, 18, 137-146.	0.9	2
18	Bovine ovarian cells have (pro)renin receptors and prorenin induces resumption of meiosis in vitro. Peptides, 2016, 81, 1-8.	2.4	6

#	Article	IF	Citations
19	Gonadotoxic effects of busulfan in two strains of mice. Reproductive Toxicology, 2016, 59, 31-39.	2.9	24
20	Efficacy of the porcine species in biomedical research. Frontiers in Genetics, 2015, 6, 293.	2.3	148
21	Endoplasmic Reticulum Stress, Genome Damage, and Cancer. Frontiers in Oncology, 2015, 5, 11.	2.8	86
22	Nested-PCR multiplex test with increased sensitivity for detection of allogeneic cells transplanted from male to female mice. Ciencia Rural, 2015, 45, 905-911.	0.5	0
23	Growth factor receptor-bound protein 14: a potential new gene associated with oocyte competence. Zygote, 2014, 22, 103-109.	1.1	1
24	Resveratrol improves sperm motility, prevents lipid peroxidation and enhances antioxidant defences in the testes of hyperthyroid rats. Reproductive Toxicology, 2013, 37, 31-39.	2.9	54
25	Characterization of the kallikreinâ€“kinin system during the bovine ovulation process. Peptides, 2011, 32, 2122-2126.	2.4	7
26	Angiotensin II profile and mRNA encoding RAS proteins during bovine follicular wave. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2011, 12, 475-482.	1.7	26
27	Enhancement of Chromatin and Epigenetic Reprogramming in Porcine SCNT Embryosâ€”Progresses and Perspectives. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	5