

Luis Aguila

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

258
citations

933447

10
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryopreservation induces mitochondrial permeability transition in a bovine sperm model. <i>Cryobiology</i> , 2018, 83, 65-74.	0.7	37
2	Transient Sperm Starvation Improves the Outcome of Assisted Reproductive Technologies. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 262.	3.7	32
3	Impact of post-thaw supplementation of semen extender with antioxidants on the quality and function variables of stallion spermatozoa. <i>Animal Reproduction Science</i> , 2019, 201, 71-83.	1.5	30
4	Sperm-borne glutathione-S-transferase omega 2 accelerates the nuclear decondensation of spermatozoa during fertilization in mice. <i>Biology of Reproduction</i> , 2019, 101, 368-376.	2.7	23
5	Defective sperm head decondensation undermines the success of ICSI in the bovine. <i>Reproduction</i> , 2017, 154, 307-318.	2.6	22
6	Oocyte Selection for In Vitro Embryo Production in Bovine Species: Noninvasive Approaches for New Challenges of Oocyte Competence. <i>Animals</i> , 2020, 10, 2196.	2.3	19
7	Sperm capacitation pretreatment positively impacts bovine intracytoplasmic sperm injection. <i>Molecular Reproduction and Development</i> , 2017, 84, 649-659.	2.0	16
8	Methyl-β-Cyclodextrin Improves Sperm Capacitation Status Assessed by Flow Cytometry Analysis and Zona Pellucida Binding Ability of Frozen/Thawed Bovine Spermatozoa. <i>Reproduction in Domestic Animals</i> , 2015, 50, 931-938.	1.4	15
9	Improved preimplantation development of bovine ICSI embryos generated with spermatozoa pretreated with membrane-destabilizing agents lysolecithin and Triton X-100. <i>Theriogenology</i> , 2016, 86, 1489-1497.	2.1	15
10	Relaxant effects of a hydroalcoholic extract of <i>Ruta graveolens</i> on isolated rat tracheal rings. <i>Biological Research</i> , 2015, 48, 28.	3.4	11
11	Core Histones Are Constituents of the Perinuclear Theca of Murid Spermatozoa: An Assessment of Their Synthesis and Assembly during Spermiogenesis and Function after Gametic Fusion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8119.	4.1	8
12	Pluripotent Core in Bovine Embryos: A Review. <i>Animals</i> , 2022, 12, 1010.	2.3	7
13	Effect of sperm pretreatment with glutathione and membrane destabilizing agents lysolecithin and Triton X-100, on the efficiency of bovine intracytoplasmic sperm injection. <i>Reproduction in Domestic Animals</i> , 2017, 52, 305-311.	1.4	6
14	Dysregulated Gene Expression of Imprinted and X-Linked Genes: A Link to Poor Development of Bovine Haploid Androgenetic Embryos. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 640712.	3.7	5
15	Gradient sperm selection for reproductive techniques in cattle: Is Isolate a suitable replacement for Percoll?. <i>Andrologia</i> , 2018, 50, e12921.	2.1	4
16	Effect of MnTBAP on in vitro capacitation of frozen-thawed stallion sperm. <i>Animal Reproduction Science</i> , 2020, 221, 106570.	1.5	3
17	Effect of follicle size on in vitro maturation in alpaca oocytes (<i>Vicugna pacos</i>) and the first ICSI in alpaca species. <i>Small Ruminant Research</i> , 2022, 213, 106680.	1.2	2