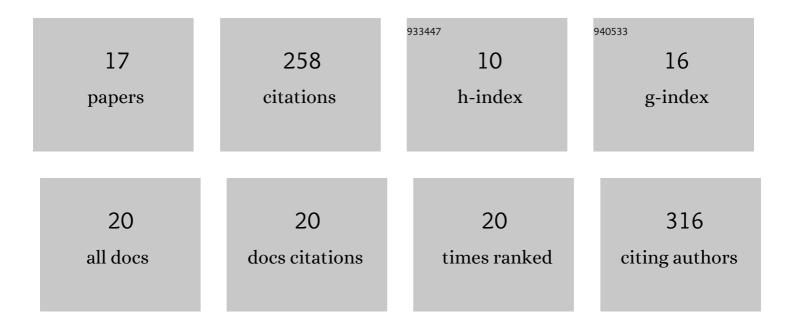
## Luis Aguila

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2257072/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Cryopreservation induces mitochondrial permeability transition in a bovine sperm model. Cryobiology, 2018, 83, 65-74.	0.7	37
2	Transient Sperm Starvation Improves the Outcome of Assisted Reproductive Technologies. Frontiers in Cell and Developmental Biology, 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. Animal Reproduction Science, 2019, 201, 71-83.	1.5	30
4	Sperm-borne glutathione-S-transferase omega 2 accelerates the nuclear decondensation of spermatozoa during fertilization in miceâ€. Biology of Reproduction, 2019, 101, 368-376.	2.7	23
5	Defective sperm head decondensation undermines the success of ICSI in the bovine. Reproduction, 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. Animals, 2020, 10, 2196.	2.3	19
7	Sperm capacitation pretreatment positively impacts bovine intracytoplasmic sperm injection. Molecular Reproduction and Development, 2017, 84, 649-659.	2.0	16
8	Methylâ€ <i>β</i> â€Cyclodextrin Improves Sperm Capacitation Status Assessed by Flow Cytometry Analysis and Zona Pellucidaâ€Binding Ability of Frozen/Thawed Bovine Spermatozoa. Reproduction in Domestic Animals, 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. Theriogenology, 2016, 86, 1489-1497.	2.1	15
10	Relaxant effects of a hydroalcoholic extract of Ruta graveolens on isolated rat tracheal rings. Biological Research, 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. International Journal of Molecular Sciences, 2021, 22, 8119.	4.1	8
12	Pluripotent Core in Bovine Embryos: A Review. Animals, 2022, 12, 1010.	2.3	7
13	Effect of sperm pretreatment with glutathione and membrane destabilizing agents lysolecithin and Triton Xâ€100, on the efficiency of bovine intracytoplasmic sperm injection. Reproduction in Domestic Animals, 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. Frontiers in Cell and Developmental Biology, 2021, 9, 640712.	3.7	5
15	Gradient sperm selection for reproductive techniques in cattle: Is Isolate a suitable replacement for Percoll?. Andrologia, 2018, 50, e12921.	2.1	4
16	Effect of MnTBAP on in vitro capacitation of frozen-thawed stallion sperm. Animal Reproduction Science, 2020, 221, 106570.	1.5	3
17	Effect of follicle size on in vitro maturation in alpaca oocytes (Vicugna pacos) and the first ICSI in alpaca species. Small Ruminant Research, 2022, 213, 106680.	1.2	2