Ariadna Delgado-Bermdez

List of Publications by Year in Descending Order

22 papers	95 citations	6 h-index	8 g-index
30 ext. papers	180 ext. citations	4.6 avg, IF	2.62 L-index

#	Paper	IF	Citations
22	Aldose Reductase B1 in Pig Sperm Is Related to Their Function and Fertilizing Ability.. *Frontiers in Endocrinology*, **2022**, 13, 773249	5.7	
21	Relevance of Aquaporins for Gamete Function and Cryopreservation.. *Animals*, **2022**, 12,	3.1	2
20	Sperm DNA damage compromises embryo development, but not oocyte fertilisation in pigs.. *Biological Research*, **2022**, 55, 15	7.6	0
19	Sperm chromatin condensation as an in vivo fertility biomarker in bulls: a flow cytometry approach. *Journal of Animal Science and Biotechnology*, **2021**, 12, 115	6	1
18	Metabolomic fingerprinting of pig seminal plasma identifies in vivo fertility biomarkers. *Journal of Animal Science and Biotechnology*, **2021**, 12, 113	6	0
17	Direct but Not Indirect Methods Correlate the Percentages of Sperm With Altered Chromatin to the Intensity of Chromatin Damage. *Frontiers in Veterinary Science*, **2021**, 8, 719319	3.1	2
16	Complete Chromatin Decondensation of Pig Sperm Is Required to Analyze Sperm DNA Breaks With the Comet Assay. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 675973	5.7	2
15	HVCN1 but Not Potassium Channels Are Related to Mammalian Sperm Cryotolerance. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
14	Deactivation of the JNK Pathway by GSTP1 Is Essential to Maintain Sperm Functionality. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 627140	5.7	1
13	Aquaporins Are Essential to Maintain Motility and Membrane Lipid Architecture During Mammalian Sperm Capacitation. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 656438	5.7	2
12	Role of exogenous antioxidants on the performance and function of pig sperm after preservation in liquid and frozen states: A systematic review. *Theriogenology*, **2021**, 173, 279-294	2.8	1
11	Effects of red-light irradiation on the function and survival of fresh and liquid-stored donkey semen. *Theriogenology*, **2020**, 149, 88-97	2.8	6
10	Glutathione S-Transferases Play a Crucial Role in Mitochondrial Function, Plasma Membrane Stability and Oxidative Regulation of Mammalian Sperm. *Antioxidants*, **2020**, 9,	7.1	9
9	Long-term storage of boar seminal doses contaminated with Proteus vulgaris: A dose-dependent effect on sperm motility and sperm-bacteria interaction. *Animal Reproduction Science*, **2020**, 216, 106349	2.1	4
8	Seminal Plasma Anti-M□lerian Hormone: A Potential AI-Boar Fertility Biomarker?. *Biology*, **2020**, 9,	4.9	6
7	Medium-term effects of the diluted pig semen irradiation with red LED light on the integrity of nucleoprotein structure and resilience to withstand thermal stress. *Theriogenology*, **2020**, 157, 388-398	2.8	2
6	Exploring Seminal Plasma GSTM3 as a Quality and In Vivo Fertility Biomarker in Pigs-Relationship with Sperm Morphology. *Antioxidants*, **2020**, 9,	7.1	5

5	GSTM3, but not IZUMO1, is a cryotolerance marker of boar sperm. *Journal of Animal Science and Biotechnology*, **2019**, 10, 61	6	13
4	Aquaglyceroporins but not orthodox aquaporins are involved in the cryotolerance of pig spermatozoa. *Journal of Animal Science and Biotechnology*, **2019**, 10, 77	6	13
3	Cryotolerance of Stallion Spermatozoa Relies on Aquaglyceroporins rather than Orthodox Aquaporins. *Biology*, **2019**, 8,	4.9	7
2	Effect of AQP Inhibition on Boar Sperm Cryotolerance Depends on the Intrinsic Freezability of the Ejaculate. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	6
1	Study of boar sperm interaction with Escherichia coli and Clostridium perfringens in refrigerated semen. *Animal Reproduction Science*, **2018**, 197, 134-144	2.1	8