

# Ariadna Delgado-Bermdez

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	GSTM3, but not IZUMO1, is a cryotolerance marker of boar sperm. <i>Journal of Animal Science and Biotechnology</i> , <b>2019</b> , 10, 61	6	13
21	Aquaglyceroporins but not orthodox aquaporins are involved in the cryotolerance of pig spermatozoa. <i>Journal of Animal Science and Biotechnology</i> , <b>2019</b> , 10, 77	6	13
20	Glutathione S-Transferases Play a Crucial Role in Mitochondrial Function, Plasma Membrane Stability and Oxidative Regulation of Mammalian Sperm. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	9
19	Study of boar sperm interaction with Escherichia coli and Clostridium perfringens in refrigerated semen. <i>Animal Reproduction Science</i> , <b>2018</b> , 197, 134-144	2.1	8
18	Cryotolerance of Stallion Spermatozoa Relies on Aquaglyceroporins rather than Orthodox Aquaporins. <i>Biology</i> , <b>2019</b> , 8,	4.9	7
17	Effects of red-light irradiation on the function and survival of fresh and liquid-stored donkey semen. <i>Theriogenology</i> , <b>2020</b> , 149, 88-97	2.8	6
16	Seminal Plasma Anti-Müllerian Hormone: A Potential AI-Boar Fertility Biomarker?. <i>Biology</i> , <b>2020</b> , 9,	4.9	6
15	Effect of AQP Inhibition on Boar Sperm Cryotolerance Depends on the Intrinsic Freezability of the Ejaculate. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
14	Exploring Seminal Plasma GSTM3 as a Quality and In Vivo Fertility Biomarker in Pigs-Relationship with Sperm Morphology. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	5
13	Long-term storage of boar seminal doses contaminated with Proteus vulgaris: A dose-dependent effect on sperm motility and sperm-bacteria interaction. <i>Animal Reproduction Science</i> , <b>2020</b> , 216, 106349	2.1	4
12	Direct but Not Indirect Methods Correlate the Percentages of Sperm With Altered Chromatin to the Intensity of Chromatin Damage. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 719319	3.1	2
11	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. <i>Theriogenology</i> , <b>2020</b> , 157, 388-398	2.8	2
10	Complete Chromatin Decondensation of Pig Sperm Is Required to Analyze Sperm DNA Breaks With the Comet Assay. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 675973	5.7	2
9	Aquaporins Are Essential to Maintain Motility and Membrane Lipid Architecture During Mammalian Sperm Capacitation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 656438	5.7	2
8	Relevance of Aquaporins for Gamete Function and Cryopreservation.. <i>Animals</i> , <b>2022</b> , 12,	3.1	2
7	Sperm chromatin condensation as an in vivo fertility biomarker in bulls: a flow cytometry approach. <i>Journal of Animal Science and Biotechnology</i> , <b>2021</b> , 12, 115	6	1
6	HVCN1 but Not Potassium Channels Are Related to Mammalian Sperm Cryotolerance. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1

5	Deactivation of the JNK Pathway by GSTP1 Is Essential to Maintain Sperm Functionality. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 627140	5.7	1
4	Role of exogenous antioxidants on the performance and function of pig sperm after preservation in liquid and frozen states: A systematic review. <i>Theriogenology</i> , <b>2021</b> , 173, 279-294	2.8	1
3	Metabolomic fingerprinting of pig seminal plasma identifies in vivo fertility biomarkers. <i>Journal of Animal Science and Biotechnology</i> , <b>2021</b> , 12, 113	6	0
2	Sperm DNA damage compromises embryo development, but not oocyte fertilisation in pigs.. <i>Biological Research</i> , <b>2022</b> , 55, 15	7.6	0
1	Aldose Reductase B1 in Pig Sperm Is Related to Their Function and Fertilizing Ability.. <i>Frontiers in Endocrinology</i> , <b>2022</b> , 13, 773249	5.7	