Yentel Mateo-Otero

List of Publications by Year in Descending Order

25 papers	122 citations	7 h-index	9 g-index
31 ext. papers	232 ext. citations	5.2 avg, IF	3.09 L-index

#	Paper	IF	Citations
25	Aldose Reductase B1 in Pig Sperm Is Related to Their Function and Fertilizing Ability.. *Frontiers in Endocrinology*, **2022**, 13, 773249	5.7	
24	Sperm DNA damage compromises embryo development, but not oocyte fertilisation in pigs.. *Biological Research*, **2022**, 55, 15	7.6	0
23	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
22	Metabolomic fingerprinting of pig seminal plasma identifies in vivo fertility biomarkers. *Journal of Animal Science and Biotechnology*, **2021**, 12, 113	6	0
21	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
20	Cryopreservation and oxidative stress in porcine oocytes. *Research in Veterinary Science*, **2021**, 135, 20-26	2.5	4
19	Metabolite Profiling of Pig Seminal Plasma Identifies Potential Biomarkers for Sperm Resilience to Liquid Preservation. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 669974	5.7	3
18	Seminal plasma, and not sperm, induces time and concentration-dependent neutrophil extracellular trap release in donkeys. *Equine Veterinary Journal*, **2021**,	2.4	6
17	Aldose Reductase B1 in Pig Seminal Plasma: Identification, Localization in Reproductive Tissues, and Relationship With Quality and Sperm Preservation. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 683199	5.7	2
16	HVCN1 but Not Potassium Channels Are Related to Mammalian Sperm Cryotolerance. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
15	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
14	Extracellular Reactive Oxygen Species (ROS) Production in Fresh Donkey Sperm Exposed to Reductive Stress, Oxidative Stress and NETosis. *Antioxidants*, **2021**, 10,	7.1	2
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	Effect of Exposure to Seminal Plasma Through Natural Mating in Cattle on Conceptus Length and Gene Expression. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 341	5.7	6
10	H Nuclear Magnetic Resonance of Pig Seminal Plasma Reveals Intra-Ejaculate Variation in Metabolites. *Biomolecules*, **2020**, 10,	5.9	4
9	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

List of Publications

8	HVCN1 Channels Are Relevant for the Maintenance of Sperm Motility During In Vitro Capacitation of Pig Spermatozoa. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8
7	The triple role of glutathione S-transferases in mammalian male fertility. *Cellular and Molecular Life Sciences*, **2020**, 77, 2331-2342	10.3	12
6	Mating to Intact, but Not Vasectomized, Males Elicits Changes in the Endometrial Transcriptome: Insights From the Bovine Model. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 547	5.7	7
5	Red-Light Irradiation of Horse Spermatozoa Increases Mitochondrial Activity and Motility through Changes in the Motile Sperm Subpopulation Structure. *Biology*, **2020**, 9,	4.9	7
4	Exploring Seminal Plasma GSTM3 as a Quality and In Vivo Fertility Biomarker in Pigs-Relationship with Sperm Morphology. *Antioxidants*, **2020**, 9,	7.1	5
3	GSTM3, but not IZUMO1, is a cryotolerance marker of boar sperm. *Journal of Animal Science and Biotechnology*, **2019**, 10, 61	6	13
2	Aquaglyceroporins but not orthodox aquaporins are involved in the cryotolerance of pig spermatozoa. *Journal of Animal Science and Biotechnology*, **2019**, 10, 77	6	13
1	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