

# Yentel Mateo-Otero

## 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.

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	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
24	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
23	The triple role of glutathione S-transferases in mammalian male fertility. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 2331-2342	10.3	12
22	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
21	HVCN1 Channels Are Relevant for the Maintenance of Sperm Motility During In Vitro Capacitation of Pig Spermatozoa. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8
20	Mating to Intact, but Not Vasectomized, Males Elicits Changes in the Endometrial Transcriptome: Insights From the Bovine Model. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 547	5.7	7
19	Red-Light Irradiation of Horse Spermatozoa Increases Mitochondrial Activity and Motility through Changes in the Motile Sperm Subpopulation Structure. <i>Biology</i> , <b>2020</b> , 9,	4.9	7
18	Effect of Exposure to Seminal Plasma Through Natural Mating in Cattle on Conceptus Length and Gene Expression. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 341	5.7	6
17	Seminal plasma, and not sperm, induces time and concentration-dependent neutrophil extracellular trap release in donkeys. <i>Equine Veterinary Journal</i> , <b>2021</b> ,	2.4	6
16	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
15	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
14	H Nuclear Magnetic Resonance of Pig Seminal Plasma Reveals Intra-Ejaculate Variation in Metabolites. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	4
13	Cryopreservation and oxidative stress in porcine oocytes. <i>Research in Veterinary Science</i> , <b>2021</b> , 135, 20-26.5	26.5	4
12	Metabolite Profiling of Pig Seminal Plasma Identifies Potential Biomarkers for Sperm Resilience to Liquid Preservation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 669974	5.7	3
11	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
10	Aldose Reductase B1 in Pig Seminal Plasma: Identification, Localization in Reproductive Tissues, and Relationship With Quality and Sperm Preservation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 683199	5.7	2
9	Extracellular Reactive Oxygen Species (ROS) Production in Fresh Donkey Sperm Exposed to Reductive Stress, Oxidative Stress and NETosis. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2

8	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
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	