

# Beatriz Fernandez-Fuertes

## List of Publications by Citations

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33  
papers

425  
citations

12  
h-index

20  
g-index

40  
ext. papers

589  
ext. citations

3.6  
avg. IF

3.63  
L-index

#	Paper	IF	Citations
33	Extracellular Vesicles from BOEC in In Vitro Embryo Development and Quality. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148983	3.9	107
32	Relationship between in vitro sperm functional assessments, seminal plasma composition, and field fertility after AI with either non-sorted or sex-sorted bull semen. <i>Theriogenology</i> , <b>2017</b> , 87, 221-228	2.8	32
31	Cauda Epididymis-Specific Beta-Defensin 126 Promotes Sperm Motility but Not Fertilizing Ability in Cattle. <i>Biology of Reproduction</i> , <b>2016</b> , 95, 122	3.9	28
30	Asynchronous embryo transfer as a tool to understand embryo-uterine interaction in cattle: is a large conceptus a good thing?. <i>Reproduction, Fertility and Development</i> , <b>2016</b> , 28, 1999-2006	1.8	26
29	TMEM95 is a sperm membrane protein essential for mammalian fertilization. <i>ELife</i> , <b>2020</b> , 9,	8.9	24
28	Potential of seminal plasma to improve the fertility of frozen-thawed boar spermatozoa. <i>Theriogenology</i> , <b>2019</b> , 137, 36-42	2.8	20
27	Specific Activity of Superoxide Dismutase in Stallion Seminal Plasma Is Related to Sperm Cryotolerance. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	17
26	Sperm-Coating Beta-Defensin 126 Is a Dissociation-Resistant Dimer Produced by Epididymal Epithelium in the Bovine Reproductive Tract. <i>Biology of Reproduction</i> , <b>2016</b> , 95, 121	3.9	16
25	Do differences in the endometrial transcriptome between uterine horns ipsilateral and contralateral to the corpus luteum influence conceptus growth to day 14 in cattle?. <i>Biology of Reproduction</i> , <b>2019</b> , 100, 86-100	3.9	13
24	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
23	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
22	Subfertility in bulls carrying a nonsense mutation in transmembrane protein 95 is due to failure to interact with the oocyte vestments. <i>Biology of Reproduction</i> , <b>2017</b> , 97, 50-60	3.9	13
21	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
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	Profiling bovine blastocyst microRNAs using deep sequencing. <i>Reproduction, Fertility and Development</i> , <b>2017</b> , 29, 1545-1555	1.8	8
18	Removal of sialic acid from bull sperm decreases motility and mucus penetration ability but increases zona pellucida binding and polyspermic penetration. <i>Reproduction</i> , <b>2018</b> , 155, 481-492	3.8	7
17	Siglec expression on the surface of human, bull and ram sperm. <i>Reproduction</i> , <b>2018</b> , 155, 361-371	3.8	7

16	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
15	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
14	Seminal Plasma Anti-Müllerian Hormone: A Potential AI-Boar Fertility Biomarker?. <i>Biology</i> , <b>2020</b> , 9,	4.9	6
13	Species-specific and collection method-dependent differences in endometrial susceptibility to seminal plasma-induced RNA degradation. <i>Scientific Reports</i> , <b>2019</b> , 9, 15072	4.9	6
12	Effect of seminal plasma from high- and low-fertility bulls on cauda epididymal sperm function. <i>Reproduction, Fertility and Development</i> , <b>2017</b> , 29, 2457-2465	1.8	6
11	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
10	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
9	H Nuclear Magnetic Resonance of Pig Seminal Plasma Reveals Intra-Ejaculate Variation in Metabolites. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	4
8	Looking at the big picture: understanding how the oviduct s dialogue with gametes and the embryo shapes reproductive success. <i>Animal Reproduction</i> , <b>2018</b> , 15, 751-764	1.7	4
7	Protein Synthesis by Day 16 Bovine Conceptuses during the Time of Maternal Recognition of Pregnancy. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
6	Sperm induce NETosis in jenny polymorphonuclear cells in a concentration and time dependent manner. <i>Journal of Equine Veterinary Science</i> , <b>2020</b> , 89, 103037	1.2	2
5	Location relative to the corpus luteum affects bovine endometrial response to a conceptus. <i>Reproduction</i> , <b>2020</b> , 159, 643-657	3.8	2
4	4 SUBFERTILITY IN BULLS CARRYING A NONSENSE MUTATION IN TMEM95 IS DUE TO FAILURE TO PENETRATE THE ZONA PELLUCIDA. <i>Reproduction, Fertility and Development</i> , <b>2017</b> , 29, 109	1.8	2
3	Effects of intramammary antibiotic therapy during the dry period on the performance of Lacaune dairy sheep under intensive management. <i>Journal of Dairy Research</i> , <b>2015</b> , 82, 95-101	1.6	0
2	Infinity sperm storage: The gift that keeps on giving. <i>Molecular Reproduction and Development</i> , <b>2017</b> , 84, 667-667	2.6	
1	Role of reproductive fluids and extracellular vesicles in embryo&#x2013;maternal interaction during early pregnancy in cattle.. <i>Reproduction, Fertility and Development</i> , <b>2021</b> , 34, 117-138	1.8	