

Beatriz Fernandez-Fuertes

List of Publications by Year in Descending Order

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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.

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	Role of reproductive fluids and extracellular vesicles in embryo-maternal interaction during early pregnancy in cattle. <i>Reproduction, Fertility and Development</i> , 2021 , 34, 117-138	1.8	
32	Seminal plasma, and not sperm, induces time and concentration-dependent neutrophil extracellular trap release in donkeys. <i>Equine Veterinary Journal</i> , 2021 ,	2.4	6
31	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> , 2020 , 8, 341	5.7	6
30	Sperm induce NETosis in jenny polymorphonuclear cells in a concentration and time dependent manner. <i>Journal of Equine Veterinary Science</i> , 2020 , 89, 103037	1.2	2
29	H Nuclear Magnetic Resonance of Pig Seminal Plasma Reveals Intra-Ejaculate Variation in Metabolites. <i>Biomolecules</i> , 2020 , 10,	5.9	4
28	Glutathione S-Transferases Play a Crucial Role in Mitochondrial Function, Plasma Membrane Stability and Oxidative Regulation of Mammalian Sperm. <i>Antioxidants</i> , 2020 , 9,	7.1	9
27	Seminal Plasma Anti-Müllerian Hormone: A Potential AI-Boar Fertility Biomarker?. <i>Biology</i> , 2020 , 9,	4.9	6
26	Protein Synthesis by Day 16 Bovine Conceptuses during the Time of Maternal Recognition of Pregnancy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
25	Location relative to the corpus luteum affects bovine endometrial response to a conceptus. <i>Reproduction</i> , 2020 , 159, 643-657	3.8	2
24	TMEM95 is a sperm membrane protein essential for mammalian fertilization. <i>ELife</i> , 2020 , 9,	8.9	24
23	The triple role of glutathione S-transferases in mammalian male fertility. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 2331-2342	10.3	12
22	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> , 2020 , 8, 547	5.7	7
21	Potential of seminal plasma to improve the fertility of frozen-thawed boar spermatozoa. <i>Theriogenology</i> , 2019 , 137, 36-42	2.8	20
20	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> , 2019 , 100, 86-100	3.9	13
19	GSTM3, but not IZUMO1, is a cryotolerance marker of boar sperm. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 61	6	13
18	Species-specific and collection method-dependent differences in endometrial susceptibility to seminal plasma-induced RNA degradation. <i>Scientific Reports</i> , 2019 , 9, 15072	4.9	6
17	Specific Activity of Superoxide Dismutase in Stallion Seminal Plasma Is Related to Sperm Cryotolerance. <i>Antioxidants</i> , 2019 , 8,	7.1	17

16	Aquaglyceroporins but not orthodox aquaporins are involved in the cryotolerance of pig spermatozoa. <i>Journal of Animal Science and Biotechnology</i> , 2019 , 10, 77	6	13
15	Effect of AQP Inhibition on Boar Sperm Cryotolerance Depends on the Intrinsic Freezability of the Ejaculate. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
14	Removal of sialic acid from bull sperm decreases motility and mucus penetration ability but increases zona pellucida binding and polyspermic penetration. <i>Reproduction</i> , 2018 , 155, 481-492	3.8	7
13	Siglec expression on the surface of human, bull and ram sperm. <i>Reproduction</i> , 2018 , 155, 361-371	3.8	7
12	Looking at the big picture: understanding how the oviduct s dialogue with gametes and the embryo shapes reproductive success. <i>Animal Reproduction</i> , 2018 , 15, 751-764	1.7	4
11	Infinity sperm storage: The gift that keeps on giving. <i>Molecular Reproduction and Development</i> , 2017 , 84, 667-667	2.6	
10	Profiling bovine blastocyst microRNAs using deep sequencing. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1545-1555	1.8	8
9	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> , 2017 , 97, 50-60	3.9	13
8	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> , 2017 , 87, 221-228	2.8	32
7	Effect of seminal plasma from high- and low-fertility bulls on cauda epididymal sperm function. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 2457-2465	1.8	6
6	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> , 2017 , 29, 109	1.8	2
5	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> , 2016 , 28, 1999-2006	1.8	26
4	Extracellular Vesicles from BOEC in In Vitro Embryo Development and Quality. <i>PLoS ONE</i> , 2016 , 11, e0148083	3.7	107
3	Cauda Epididymis-Specific Beta-Defensin 126 Promotes Sperm Motility but Not Fertilizing Ability in Cattle. <i>Biology of Reproduction</i> , 2016 , 95, 122	3.9	28
2	Sperm-Coating Beta-Defensin 126 Is a Dissociation-Resistant Dimer Produced by Epididymal Epithelium in the Bovine Reproductive Tract. <i>Biology of Reproduction</i> , 2016 , 95, 121	3.9	16
1	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> , 2015 , 82, 95-101	1.6	0