## Francisco Alberto GarcÃ-a-VÃ;zquez

List of Publications by Year in descending order

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FRANCISCO ALBERTO

#	Article	IF	CITATIONS
1	Roles of the oviduct in mammalian fertilization. Reproduction, 2012, 144, 649-660.	2.6	206
2	Reduced glutathione content in human sperm is decreased after cryopreservation: Effect of the addition of reduced glutathione to the freezing and thawing extenders. Cryobiology, 2011, 62, 40-46.	0.7	125
3	Biphasic Role of Calcium in Mouse Sperm Capacitation Signaling Pathways. Journal of Cellular Physiology, 2015, 230, 1758-1769.	4.1	116
4	DNA methylation and gene expression changes derived from assisted reproductive technologies can be decreased by reproductive fluids. ELife, 2017, 6, .	6.0	112
5	Cooling and Freezing of Boar Spermatozoa: Supplementation of the Freezing Media With Reduced Glutathione Preserves Sperm Function. Journal of Andrology, 2005, 26, 396-404.	2.0	84
6	Importance of sperm morphology during sperm transport and fertilization in mammals. Asian Journal of Andrology, 2016, 18, 844.	1.6	65
7	Sperm treatment affects capacitation parameters and penetration ability of ejaculated and epididymal boar spermatozoa. Theriogenology, 2010, 74, 1327-1340.	2.1	58
8	Supplementation of the dilution medium after thawing with reduced glutathione improves function and the in vitro fertilizing ability of frozen-thawed bull spermatozoa. Journal of Developmental and Physical Disabilities, 2007, 31, 070508211138003-???.	3.6	50
9	Effects of centrifugation through three different discontinuous Percoll gradients on boar sperm function. Animal Reproduction Science, 2011, 127, 62-72.	1.5	49
10	Birth of piglets after transferring of in vitro-produced embryos pre-matured with R-roscovitine. Reproduction, 2005, 129, 747-755.	2.6	46
11	Production of transgenic piglets using ICSI–sperm-mediated gene transfer in combination with recombinase RecA. Reproduction, 2010, 140, 259-272.	2.6	46
12	Reproductive performance and backflow study in cervical and post-cervical artificial insemination in sows. Animal Reproduction Science, 2012, 136, 14-22.	1.5	44
13	Effect of sperm treatment on efficiency of EGFP-expressing porcine embryos produced by ICSI-SMGT. Theriogenology, 2009, 72, 506-518.	2.1	40
14	Oviductal Transcriptome Is Modified after Insemination during Spontaneous Ovulation in the Sow. PLoS ONE, 2015, 10, e0130128.	2.5	37
15	Fertilization outcome could beÂregulated by binding of oviductal plasminogen to oocytes and by releasing of plasminogen activators during interplay between gametes. Fertility and Sterility, 2012, 97, 453-461.e3.	1.0	34
16	Boar sperm tyrosine phosphorylation patterns in the presence of oviductal epithelial cells: in vitro, ex vivo, and in vivo models. Reproduction, 2013, 146, 315-324.	2.6	31
17	Factors affecting porcine sperm mediated gene transfer. Research in Veterinary Science, 2011, 91, 446-453.	1.9	29
18	Equine spermatozoa stored in the epididymis for up to 96h at 4°C can be successfully cryopreserved and maintain their fertilization capacity. Animal Reproduction Science, 2013, 136, 280-288.	1.5	27

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19	Morphological study of boar sperm during their passage through the female genital tract. Journal of Reproduction and Development, 2015, 61, 407-413.	1.4	22
20	Four glycoproteins are expressed in the cat zona pellucida. Theriogenology, 2015, 83, 1162-1173.	2.1	21
21	Seasonal variation in sperm freezability associated with changes in testicular germinal epithelium in domestic (Ovis aries) and wild (Ovis musimon) sheep. Reproduction, Fertility and Development, 2019, 31, 1545.	0.4	21
22	Manipulation of bicarbonate concentration in sperm capacitation media improves in vitro fertilisation output in porcine species. Journal of Animal Science and Biotechnology, 2019, 10, 19.	5.3	19
23	Nitric Oxide Synthase (NOS) Inhibition during Porcine In Vitro Maturation Modifies Oocyte Protein S-Nitrosylation and In Vitro Fertilization. PLoS ONE, 2014, 9, e115044.	2.5	18
24	Oviductal epithelial cells selected boar sperm according to their functional characteristics. Asian Journal of Andrology, 2017, 19, 396.	1.6	18
25	Morphometry of boar sperm head and flagellum in semen backflow after insemination. Theriogenology, 2015, 84, 566-574.	2.1	17
26	Sperm Proteome after Interaction with Reproductive Fluids in Porcine: From the Ejaculation to the Fertilization Site. International Journal of Molecular Sciences, 2020, 21, 6060.	4.1	14
27	Assessment of two thawing processes of cryopreserved human sperm in pellets. Cryobiology, 2011, 63, 131-136.	0.7	12
28	Optimization of post-cervical artificial insemination in gilts: Effect of cervical relaxation procedures and catheter type. Theriogenology, 2017, 90, 147-152.	2.1	10
29	A new device for deep cervical artificial insemination in gilts reduces the number of sperm per dose without impairing final reproductive performance. Journal of Animal Science and Biotechnology, 2019, 10, 11.	5.3	10
30	Boar sperm with defective motility are discriminated in the backflow moments after insemination. Theriogenology, 2015, 83, 655-661.	2.1	9
31	Reproductive fluids, added to the culture media, contribute to minimizing phenotypical differences between in vitro-derived and artificial insemination-derived piglets. Journal of Developmental Origins of Health and Disease, 2022, 13, 593-605.	1.4	6
32	Bottlenose Dolphin ( <em>Tursiops truncatus</em> ) Spermatozoa: Collection, Cryopreservation, and Heterologous <em>In Vitro</em> Fertilization. Journal of Visualized Experiments, 2017, , .	0.3	5
33	Relevance of the Ejaculate Fraction and Dilution Method on Boar Sperm Quality during Processing and Conservation of Seminal Doses. Veterinary Sciences, 2021, 8, 292.	1.7	5
34	Protein Identification of Spermatozoa and Seminal Plasma in Bottlenose Dolphin (Tursiops truncatus). Frontiers in Cell and Developmental Biology, 2021, 9, 673961.	3.7	4
35	Epididymal and ejaculated sperm functionality is regulated differently by periovulatory oviductal fluid in pigs. Andrology, 2021, 9, 426-439.	3.5	3
36	Should All Fractions of the Boar Ejaculate Be Prepared for Insemination Rather Than Using the Sperm Rich Only?. Biology, 2022, 11, 210.	2.8	3

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37	Two cases of Reciprocal Chromosomal Translocation (4; 7)(p+; qâ^') (2; 8)(qâ^'; q+) in Piglets Produced by ICSI. Reproduction in Domestic Animals, 2011, 46, 728-730.	1.4	2
38	Tissue plasminogen activator (tPA) of paternal origin is necessary for the success of in vitro but not of in vivo fertilisation in the mouse. Reproduction, Fertility and Development, 2019, 31, 433.	0.4	2
39	Sperm-Mediated Gene Transfer in Agricultural Species. , 2012, , 76-91.		0