

Francisco Alberto Garc a-V zquez

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,420
citations

361045
20
h-index

329751
37
g-index

39
all docs

39
docs citations

39
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of the oviduct in mammalian fertilization. <i>Reproduction</i> , 2012, 144, 649-660.	1.1	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. <i>Cryobiology</i> , 2011, 62, 40-46.	0.3	125
3	Biphasic Role of Calcium in Mouse Sperm Capacitation Signaling Pathways. <i>Journal of Cellular Physiology</i> , 2015, 230, 1758-1769.	2.0	116
4	DNA methylation and gene expression changes derived from assisted reproductive technologies can be decreased by reproductive fluids. <i>ELife</i> , 2017, 6, .	2.8	112
5	Cooling and Freezing of Boar Spermatozoa: Supplementation of the Freezing Media With Reduced Glutathione Preserves Sperm Function. <i>Journal of Andrology</i> , 2005, 26, 396-404.	2.0	84
6	Importance of sperm morphology during sperm transport and fertilization in mammals. <i>Asian Journal of Andrology</i> , 2016, 18, 844.	0.8	65
7	Sperm treatment affects capacitation parameters and penetration ability of ejaculated and epididymal boar spermatozoa. <i>Theriogenology</i> , 2010, 74, 1327-1340.	0.9	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. <i>Journal of Developmental and Physical Disabilities</i> , 2007, 31, 070508211138003-???	3.6	50
9	Effects of centrifugation through three different discontinuous Percoll gradients on boar sperm function. <i>Animal Reproduction Science</i> , 2011, 127, 62-72.	0.5	49
10	Birth of piglets after transferring of in vitro-produced embryos pre-matured with R-roscovitine. <i>Reproduction</i> , 2005, 129, 747-755.	1.1	46
11	Production of transgenic piglets using ICSI sperm-mediated gene transfer in combination with recombinase RecA. <i>Reproduction</i> , 2010, 140, 259-272.	1.1	46
12	Reproductive performance and backflow study in cervical and post-cervical artificial insemination in sows. <i>Animal Reproduction Science</i> , 2012, 136, 14-22.	0.5	44
13	Effect of sperm treatment on efficiency of EGFP-expressing porcine embryos produced by ICSI-SMGT. <i>Theriogenology</i> , 2009, 72, 506-518.	0.9	40
14	Oviductal Transcriptome Is Modified after Insemination during Spontaneous Ovulation in the Sow. <i>PLoS ONE</i> , 2015, 10, e0130128.	1.1	37
15	Fertilization outcome could be regulated by binding of oviductal plasminogen to oocytes and by releasing of plasminogen activators during interplay between gametes. <i>Fertility and Sterility</i> , 2012, 97, 453-461.e3.	0.5	34
16	Boar sperm tyrosine phosphorylation patterns in the presence of oviductal epithelial cells: in vitro, ex vivo, and in vivo models. <i>Reproduction</i> , 2013, 146, 315-324.	1.1	31
17	Factors affecting porcine sperm mediated gene transfer. <i>Research in Veterinary Science</i> , 2011, 91, 446-453.	0.9	29
18	Equine spermatozoa stored in the epididymis for up to 96h at 4°C can be successfully cryopreserved and maintain their fertilization capacity. <i>Animal Reproduction Science</i> , 2013, 136, 280-288.	0.5	27

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19	Morphological study of boar sperm during their passage through the female genital tract. <i>Journal of Reproduction and Development</i> , 2015, 61, 407-413.	0.5	22
20	Four glycoproteins are expressed in the cat zona pellucida. <i>Theriogenology</i> , 2015, 83, 1162-1173.	0.9	21
21	Seasonal variation in sperm freezability associated with changes in testicular germinal epithelium in domestic (<i>Ovis aries</i>) and wild (<i>Ovis musimon</i>) sheep. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1545.	0.1	21
22	Manipulation of bicarbonate concentration in sperm capacitation media improves in vitro fertilisation output in porcine species. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 19.	2.1	19
23	Nitric Oxide Synthase (NOS) Inhibition during Porcine In Vitro Maturation Modifies Oocyte Protein S-Nitrosylation and In Vitro Fertilization. <i>PLoS ONE</i> , 2014, 9, e115044.	1.1	18
24	Oviductal epithelial cells selected boar sperm according to their functional characteristics. <i>Asian Journal of Andrology</i> , 2017, 19, 396.	0.8	18
25	Morphometry of boar sperm head and flagellum in semen backflow after insemination. <i>Theriogenology</i> , 2015, 84, 566-574.	0.9	17
26	Sperm Proteome after Interaction with Reproductive Fluids in Porcine: From the Ejaculation to the Fertilization Site. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6060.	1.8	14
27	Assessment of two thawing processes of cryopreserved human sperm in pellets. <i>Cryobiology</i> , 2011, 63, 131-136.	0.3	12
28	Optimization of post-cervical artificial insemination in gilts: Effect of cervical relaxation procedures and catheter type. <i>Theriogenology</i> , 2017, 90, 147-152.	0.9	10
29	A new device for deep cervical artificial insemination in gilts reduces the number of sperm per dose without impairing final reproductive performance. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 11.	2.1	10
30	Boar sperm with defective motility are discriminated in the backflow moments after insemination. <i>Theriogenology</i> , 2015, 83, 655-661.	0.9	9
31	Reproductive fluids, added to the culture media, contribute to minimizing phenotypical differences between in vitro-derived and artificial insemination-derived piglets. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 593-605.	0.7	6
32	Bottlenose Dolphin (<i>Tursiops truncatus</i>) Spermatozoa: Collection, Cryopreservation, and Heterologous In Vitro Fertilization. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	5
33	Relevance of the Ejaculate Fraction and Dilution Method on Boar Sperm Quality during Processing and Conservation of Seminal Doses. <i>Veterinary Sciences</i> , 2021, 8, 292.	0.6	5
34	Protein Identification of Spermatozoa and Seminal Plasma in Bottlenose Dolphin (<i>Tursiops truncatus</i>). <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 673961.	1.8	4
35	Epididymal and ejaculated sperm functionality is regulated differently by perioviductal fluid in pigs. <i>Andrology</i> , 2021, 9, 426-439.	1.9	3
36	Should All Fractions of the Boar Ejaculate Be Prepared for Insemination Rather Than Using the Sperm Rich Only?. <i>Biology</i> , 2022, 11, 210.	1.3	3

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37	Two cases of Reciprocal Chromosomal Translocation (4; 7)(p+; qâˆ“) (2; 8)(qâˆ“; q+) in Piglets Produced by ICSI. <i>Reproduction in Domestic Animals</i> , 2011, 46, 728-730.	0.6	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. <i>Reproduction, Fertility and Development</i> , 2019, 31, 433.	0.1	2
39	Sperm-Mediated Gene Transfer in Agricultural Species. , 2012, , 76-91.		0