

Manuel Hidalgo

List of Publications by Year in descending order

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90
papers

1,208
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361413
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#	ARTICLE	IF	CITATIONS
1	Cryopreservation of goat spermatozoa: Comparison of two freezing extenders based on post-thaw sperm quality and fertility rates after artificial insemination. <i>Theriogenology</i> , 2007, 68, 168-177.	2.1	74
2	Influence of staining and sampling procedures on goat sperm morphometry using the Sperm Class Analyzer. <i>Theriogenology</i> , 2006, 66, 996-1003.	2.1	52
3	The effect of cryopreservation on sperm head morphometry in Florida male goat related to sperm freezability. <i>Animal Reproduction Science</i> , 2007, 100, 61-72.	1.5	43
4	Effect of extender and amino acid supplementation on sperm quality of cooled-preserved Andalusian donkey (<i>Equus asinus</i>) spermatozoa. <i>Animal Reproduction Science</i> , 2014, 146, 79-88.	1.5	37
5	The effect of cryopreservation on goat semen characteristics related to sperm freezability. <i>Animal Reproduction Science</i> , 2010, 121, 115-123.	1.5	36
6	Identification of sperm subpopulations with defined motility characteristics in ejaculates from Florida goats. <i>Theriogenology</i> , 2010, 74, 795-804.	2.1	36
7	Changes in the structures of motile sperm subpopulations in dog spermatozoa after both cryopreservation and centrifugation on PureSperm® gradient. <i>Animal Reproduction Science</i> , 2011, 125, 211-218.	1.5	36
8	Effect of sample size and staining methods on stallion sperm morphometry by the Sperm Class Analyzer. <i>Veterinarni Medicina</i> , 2005, 50, 24-32.	0.6	36
9	Antimicrobial activity of silver-carbon nanoparticles on the bacterial flora of bull semen. <i>Theriogenology</i> , 2021, 161, 219-227.	2.1	33
10	Morphometric classification of Spanish thoroughbred stallion sperm heads. <i>Animal Reproduction Science</i> , 2008, 103, 374-378.	1.5	32
11	Mitochondrial distribution and meiotic progression in canine oocytes during in vivo and in vitro maturation. <i>Theriogenology</i> , 2011, 75, 346-353.	2.1	32
12	Gestation length in Carthusian Spanishbred mares. <i>Livestock Science</i> , 2003, 82, 181-187.	1.2	30
13	Assessment of goat semen freezability according to the spermatozoa characteristics from fresh and frozen samples. <i>Animal Reproduction Science</i> , 2009, 112, 150-157.	1.5	29
14	Relationship between conventional semen characteristics, sperm motility patterns and fertility of Andalusian donkeys (<i>Equus asinus</i>). <i>Animal Reproduction Science</i> , 2013, 143, 64-71.	1.5	29
15	Effect of single-layer centrifugation or washing on frozen-thawed donkey semen quality: Do they have the same effect regardless of the quality of the sample?. <i>Theriogenology</i> , 2015, 84, 294-300.	2.1	29
16	Effect of cryopreservation and single layer centrifugation on canine sperm DNA fragmentation assessed by the sperm chromatin dispersion test. <i>Animal Reproduction Science</i> , 2013, 143, 118-125.	1.5	27
17	Concentrations of non-permeable cryoprotectants and equilibration temperatures are key factors for stallion sperm vitrification success. <i>Animal Reproduction Science</i> , 2018, 196, 91-98.	1.5	26
18	Use of single-layer centrifugation with Androcoll-C to enhance sperm quality in frozen-thawed dog semen. <i>Theriogenology</i> , 2013, 80, 955-962.	2.1	24

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19	Colloid single-layer centrifugation improves post-thaw donkey (<i>Equus asinus</i>) sperm quality and is related to ejaculate freezability. <i>Reproduction, Fertility and Development</i> , 2015, 27, 332.	0.4	23
20	Stallion sperm freezing with sucrose extenders: A strategy to avoid permeable cryoprotectants. <i>Animal Reproduction Science</i> , 2018, 191, 85-91.	1.5	23
21	Cryopreservation of donkey sperm using non-permeable cryoprotectants. <i>Animal Reproduction Science</i> , 2018, 189, 103-109.	1.5	22
22	Identification of sperm subpopulations in canine ejaculates: Effects of cold storage and egg yolk concentration. <i>Animal Reproduction Science</i> , 2011, 127, 106-113.	1.5	21
23	Centrifugation on PureSperm® density-gradient improved quality of spermatozoa from frozen-thawed dog semen. <i>Theriogenology</i> , 2011, 76, 381-385.	2.1	21
24	Effect of inbreeding depression on bull sperm quality and field fertility. <i>Reproduction, Fertility and Development</i> , 2017, 29, 712.	0.4	21
25	Effects of oocyte quality, incubation time and maturation environment on the number of chromosomal abnormalities in IVF-derived early bovine embryos. <i>Reproduction, Fertility and Development</i> , 2013, 25, 1077.	0.4	19
26	Freezability of Andalusian donkey (<i>Equus asinus</i>) spermatozoa: effect of extenders and permeating cryoprotectants. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1990.	0.4	19
27	Cryoprotective effect of glutamine, taurine, and proline on post-thaw semen quality and DNA integrity of donkey spermatozoa. <i>Animal Reproduction Science</i> , 2018, 189, 128-135.	1.5	19
28	Effect of single layer centrifugation using Androcoll-E-Large on the sperm quality parameters of cooled-stored donkey semen doses. <i>Animal</i> , 2014, 8, 308-315.	3.3	17
29	Stallion sperm selection prior to freezing using a modified colloid swim-up procedure without centrifugation. <i>Animal Reproduction Science</i> , 2017, 185, 83-88.	1.5	17
30	Effect of different extenders for donkey sperm vitrification in straws. <i>Reproduction in Domestic Animals</i> , 2017, 52, 55-57.	1.4	15
31	Vitrification in straws conserves motility features better than spheres in donkey sperm. <i>Reproduction in Domestic Animals</i> , 2018, 53, 56-58.	1.4	15
32	Vitrification of Large Volumes of Stallion Sperm in Comparison With Spheres and Conventional Freezing: Effect of Warming Procedures and Sperm Selection. <i>Journal of Equine Veterinary Science</i> , 2019, 83, 102680.	0.9	14
33	Characterization of the seminal bacterial microbiome of healthy, fertile stallions using next-generation sequencing. <i>Animal Reproduction</i> , 2021, 18, e20200052.	1.0	13
34	Single-layer centrifugation through PureSperm® 80 selects improved quality spermatozoa from frozen-thawed dog semen. <i>Animal Reproduction Science</i> , 2013, 140, 232-240.	1.5	12
35	Optimization of donkey sperm vitrification: Effect of sucrose, sperm concentration, volume and package (0.25 and 0.5 mL straws). <i>Animal Reproduction Science</i> , 2019, 204, 31-38.	1.5	12
36	Influence of sampling factors on canine sperm motility parameters measured by the Sperm Class Analyzer. <i>Systems Biology in Reproductive Medicine</i> , 2011, 57, 318-325.	2.1	11

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37	Sperm motility patterns in Andalusian donkey (<i>Equus asinus</i>) semen: Effects of body weight, age, and semen quality. <i>Theriogenology</i> , 2013, 79, 1100-1109.	2.1	11
38	Identification of sperm morphometric subpopulations in cooled-stored canine sperm and its relation with sperm <scp>DNA</scp> integrity. <i>Reproduction in Domestic Animals</i> , 2017, 52, 468-476.	1.4	11
39	Use of ultrafast Papanicolaou stain for exfoliative vaginal cytology in bitches. <i>Veterinary Record</i> , 2005, 156, 648-650.	0.3	10
40	Cryopreservation of donkey embryos by the cryotop method: Effect of developmental stage, embryo quality, diameter and age of embryos. <i>Theriogenology</i> , 2019, 125, 242-248.	2.1	10
41	Assessment of Dog Testis Perfusion by Colour and Pulsed-Doppler Ultrasonography and Correlation With Sperm Oxidative DNA Damage. <i>Topics in Companion Animal Medicine</i> , 2020, 41, 100452.	0.9	10
42	Cryopreservation of canine semen after cold storage in a Neopor box: effect of extender, centrifugation and storage time. <i>Veterinary Record</i> , 2014, 175, 20-20.	0.3	9
43	DNA integrity of canine spermatozoa during chill storage assessed by the sperm chromatin dispersion test using bright-field or fluorescence microscopy. <i>Theriogenology</i> , 2015, 84, 399-406.	2.1	9
44	Differences in preservation of canine chilled semen using simple sperm washing, single-layer centrifugation and modified swim-up preparation techniques. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1545.	0.4	9
45	Comparison of DNA fragmentation of frozen-thawed epididymal sperm of dogs using Sperm Chromatin Structure Analysis and Sperm Chromatin Dispersion test. <i>Animal Reproduction Science</i> , 2017, 187, 74-78.	1.5	9
46	Vitrification of stallion sperm using 0.25 ml straws: Effect of volume, concentration and carbohydrates (sucrose/trehalose/raffinose). <i>Animal Reproduction Science</i> , 2019, 206, 69-77.	1.5	9
47	Seasonal variations in sperm DNA fragmentation and pregnancy rates obtained after artificial insemination with cooled-stored stallion sperm throughout the breeding season (spring and) Tj ETQq1 1 0.7843142gBT /Overclock 10 ff	0.4	9
48	Objective assessment of goat sperm head size by computer-assisted sperm morphometry analysis (ASMA). <i>Small Ruminant Research</i> , 2009, 87, 108-110.	1.2	8
49	Comparison of different sucrose-based extenders for stallion sperm vitrification in straws. <i>Reproduction in Domestic Animals</i> , 2018, 53, 59-61.	1.4	8
50	313 ASSESSMENT OF SPERM DNA FRAGMENTATION IN CANINE EJACULATES USING THE Sperm-Halomax® KIT: PRELIMINARY RESULTS. <i>Reproduction, Fertility and Development</i> , 2010, 22, 312.	0.4	8
51	Effect of season on individual stallion semen characteristics. <i>Animal Reproduction Science</i> , 2020, 223, 106641.	1.5	7
52	First pregnancies in jennies with vitrified donkey semen using a new warming method. <i>Animal</i> , 2021, 15, 100097.	3.3	7
53	Should single layer centrifugation of dog semen be done before or after the semen is cooled?. <i>Veterinary Record</i> , 2015, 176, 359-359.	0.3	6
54	Influence of sperm fertilising concentration, sperm selection method and sperm capacitation procedure on the incidence of numerical chromosomal abnormalities in IVF early bovine embryos. <i>Reproduction, Fertility and Development</i> , 2015, 27, 351.	0.4	6

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55	Cryopreservation of Andalusian donkey (<i>Equus asinus</i>) spermatozoa: Use of alternative energy sources in the freezing extender affects post-thaw sperm motility patterns but not DNA stability. <i>Animal Reproduction Science</i> , 2019, 208, 106126.	1.5	6
56	The cryoprotective effect of Ficoll 70 on the post-warming survival and quality of Cryotop-vitrified donkey embryos. <i>Theriogenology</i> , 2020, 148, 180-185.	2.1	6
57	Effect of cooling rate on sperm quality of cryopreserved Andalusian donkey spermatozoa. <i>Animal Reproduction Science</i> , 2018, 193, 201-208.	1.5	5
58	Effect of permeable cryoprotectant-free vitrification on <scp>DNA</scp> fragmentation of equine oocyte-cumulus cells. <i>Reproduction in Domestic Animals</i> , 2019, 54, 53-56.	1.4	5
59	Nano-depletion of acrosome-damaged donkey sperm by using lectin peanut agglutinin (PNA)-magnetic nanoparticles. <i>Theriogenology</i> , 2020, 151, 103-111.	2.1	5
60	Recent advances in donkey sperm vitrification. <i>Reproduction in Domestic Animals</i> , 2021, 56, 1274-1278.	1.4	5
61	Effect of warming temperatures on donkey sperm vitrification in 0.5 mL straws in comparison to conventional freezing. <i>Spanish Journal of Agricultural Research</i> , 2019, 17, e0406.	0.6	5
62	In vitro induction of the acrosome reaction in spermatozoa from endangered Spanish bulls: Effect of breed, culture media and incubation time. <i>Livestock Science</i> , 2012, 149, 275-281.	1.6	4
63	Fertilizing capacity of vitrified stallion sperm assessed utilizing heterologous IVF after different semen warming procedures. <i>Animal Reproduction Science</i> , 2020, 223, 106627.	1.5	4
64	Vitrification of Donkey Sperm: Is It Better Using Permeable Cryoprotectants?. <i>Animals</i> , 2020, 10, 1462.	2.3	4
65	Sperm morphometry is affected by increased inbreeding in the Retinta cattle breed: A molecular approach. <i>Molecular Reproduction and Development</i> , 2021, 88, 416-426.	2.0	4
66	New approach to assess sperm DNA fragmentation dynamics: Fine-tuning mathematical models. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 23.	5.3	3
67	Relationship between DNA fragmentation of equine granulosa cells and oocyte meiotic competence after in vitro maturation. <i>Reproduction in Domestic Animals</i> , 2019, 54, 78-81.	1.4	3
68	Evaluation of DNA Damage of Mare Granulosa Cells Before and After Cryopreservation Using a Chromatin Dispersion Test. <i>Journal of Equine Veterinary Science</i> , 2019, 72, 28-30.	0.9	3
69	One-step warming does not affect the in vitro viability and cryosurvival of cryotop-vitrified donkey embryos. <i>Theriogenology</i> , 2020, 152, 47-52.	2.1	3
70	Bicarbonate-Triggered In Vitro Capacitation of Boar Spermatozoa Conveys an Increased Relative Abundance of the Canonical Transient Receptor Potential Cation (TRPC) Channels 3, 4, 6 and 7 and of CatSper- β Subunit mRNA Transcripts. <i>Animals</i> , 2022, 12, 1012.	2.3	3
71	Follicular growth patterns in repeat breeder cows. <i>Veterinari Medicina</i> , 2003, 48, 200-200.	0.6	2
72	First case of sterility associated with sex chromosomal abnormalities in a jenny. <i>Reproduction in Domestic Animals</i> , 2017, 52, 227-234.	1.4	2

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73	Editorial. Reproduction in Domestic Animals, 2018, 53, 3-3.	1.4	2
74	Is sperm cryopreservation in absence of permeable cryoprotectants suitable for subfertile donkeys?. Reproduction in Domestic Animals, 2019, 54, 102-105.	1.4	2
75	Low-density lipoproteins and milk serum proteins improve the quality of stallion sperm after vitrification in straws. Reproduction in Domestic Animals, 2019, 54, 86-89.	1.4	2
76	Vitrification of donkey sperm using straws as an alternative to conventional slow freezing. Reproduction in Domestic Animals, 2020, , .	1.4	2
77	Cryo-banking of human spermatozoa by aseptic cryoprotectants-free vitrification in liquid air: Positive effect of elevated warming temperature. Cell and Tissue Banking, 2021, , 1.	1.1	2
78	Comparison of sperm selection techniques in donkeys: motile subpopulations from a practical point of view. Animal Reproduction, 2019, 16, 282-289.	1.0	2
79	Short communication: In vitro oocyte maturation and fertilization rates in the Spanish Lidia bovine breed. Spanish Journal of Agricultural Research, 2013, 11, 356.	0.6	2
80	Short communication: Establishment and maintenance of donkey-in-mule pregnancy after embryo transfer in a non-cycling mule treated with oestradiol benzoate and long-acting progesterone. Spanish Journal of Agricultural Research, 2018, 15, e04SC01.	0.6	2
81	14 FREEZING OF DONKEY SEMEN AFTER 24 HOURS OF COOL STORAGE: PRELIMINARY RESULTS. Reproduction, Fertility and Development, 2013, 25, 154.	0.4	2
82	Factors Affecting Embryo Recovery Rate, Quality, and Diameter in Andalusian Donkey Jennies. Animals, 2020, 10, 1967.	2.3	1
83	Comparison of different mathematical models to assess seasonal variations in the longevity of DNA integrity of cooled–stored stallion sperm. Andrologia, 2020, 52, e13545.	2.1	1
84	The Effect of Different Vitrification and Staining Protocols on the Visibility of the Nuclear Maturation Stage of Equine Oocytes. Journal of Equine Veterinary Science, 2020, 90, 103021.	0.9	1
85	72 EFFECT OF SINGLE-LAYER CENTRIFUGATION WITH EQUIPURE˅ ON MOTILITY KINEMATICS OF FROZEN - THAWED DONKEY SPERM. Reproduction, Fertility and Development, 2013, 25, 183.	0.4	1
86	<scp>DNA</scp> fragmentation of equine cumulus cells from <scp>Cumulus“Oocyte</scp> complexes submitted to vitrification and its relationship to the developmental competence of the oocyte. Reproduction in Domestic Animals, 0, , .	1.4	1
87	90 EFFECT OF EGG YOLK ON THE KINEMATICS AND ACROSOME MEMBRANE INTEGRITY OF COOLED-REWARMED CANINE SPERMATOZOA. Reproduction, Fertility and Development, 2010, 22, 204.	0.4	0
88	84 EFFECT OF A STRESSOR ON CANINE SPERM DNA FRAGMENTATION USING THE SPERM CHROMATIN DISPERSION TEST. Reproduction, Fertility and Development, 2013, 25, 189.	0.4	0
89	237 CHROMOSOMAL ABNORMALITIES IN IN VITRO-PRODUCED EARLY BOVINE EMBRYOS: USE OF HOMOLOGOUS FOLLICULAR FLUID SUPPLEMENTATION IN THE OOCYTE MATURATION MEDIA. Reproduction, Fertility and Development, 2013, 25, 266.	0.4	0
90	Hormonal Management for the Induction of Luteolysis and Ovulation in Andalusian Jennies: Effect on Reproductive Performance, Embryo Quality and Recovery Rate. Animals, 2022, 12, 143.	2.3	0