Manuel Hidalgo

List of Publications by Year
in descending order

90	1,208	361045 20	476904 29
papers	citations	h-index	g-index

93	93	93	871
all docs	docs citations	times ranked	citing authors

#	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. Theriogenology, 2007, 68, 168-177.	0.9	74
2	Influence of staining and sampling procedures on goat sperm morphometry using the Sperm Class Analyzer. Theriogenology, 2006, 66, 996-1003.	0.9	52
3	The effect of cryopreservation on sperm head morphometry in Florida male goat related to sperm freezability. Animal Reproduction Science, 2007, 100, 61-72.	0.5	43
4	Effect of extender and amino acid supplementation on sperm quality of cooled-preserved Andalusian donkey (Equus asinus) spermatozoa. Animal Reproduction Science, 2014, 146, 79-88.	0.5	37
5	The effect of cryopreservation on goat semen characteristics related to sperm freezability. Animal Reproduction Science, 2010, 121, 115-123.	0.5	36
6	Identification of sperm subpopulations with defined motility characteristics in ejaculates from Florida goats. Theriogenology, 2010, 74, 795-804.	0.9	36
7	Changes in the structures of motile sperm subpopulations in dog spermatozoa after both cryopreservation and centrifugation on PureSpermÂ® gradient. Animal Reproduction Science, 2011, 125, 211-218.	0.5	36
8	Effect of sample size and staining methods on stallion sperm morphometry by the Sperm Class Analyzer. Veterinarni Medicina, 2005, 50, 24-32.	0.2	36
9	Antimicrobial activity of silver-carbon nanoparticles on the bacterial flora of bull semen. Theriogenology, 2021, 161, 219-227.	0.9	33
10	Morphometric classification of Spanish thoroughbred stallion sperm heads. Animal Reproduction Science, 2008, 103, 374-378.	0.5	32
11	Mitochondrial distribution and meiotic progression in canine oocytes during in vivo and in vitro maturation. Theriogenology, 2011, 75, 346-353.	0.9	32
12	Gestation length in Carthusian Spanishbred mares. Livestock Science, 2003, 82, 181-187.	1.2	30
13	Assessment of goat semen freezability according to the spermatozoa characteristics from fresh and frozen samples. Animal Reproduction Science, 2009, 112, 150-157.	0.5	29
14	Relationship between conventional semen characteristics, sperm motility patterns and fertility of Andalusian donkeys (Equus asinus). Animal Reproduction Science, 2013, 143, 64-71.	0.5	29
15	Effect of single-layer centrifugation or washing on frozenâ€“thawed donkey semen quality: Do they have the same effect regardless of the quality of the sample?. Theriogenology, 2015, 84, 294-300.	0.9	29
16	Effect of cryopreservation and single layer centrifugation on canine sperm DNA fragmentation assessed by the sperm chromatin dispersion test. Animal Reproduction Science, 2013, 143, 118-125.	0.5	27
17	Concentrations of non-permeable cryoprotectants and equilibration temperatures are key factors for stallion sperm vitrification success. Animal Reproduction Science, 2018, 196, 91-98.	0.5	26
18	Use of single-layer centrifugation with Androcoll-C to enhance sperm quality in frozen-thawed dog semen. Theriogenology, 2013, 80, 955-962.	0.9	24

#	Article	IF	Citations
19	Colloid single-layer centrifugation improves post-thaw donkey (Equus asinus) sperm quality and is related to ejaculate freezability. Reproduction, Fertility and Development, 2015, 27, 332.	0.1	23
20	Stallion sperm freezing with sucrose extenders: A strategy to avoid permeable cryoprotectants. Animal Reproduction Science, 2018, 191, 85-91.	0.5	23
21	Cryopreservation of donkey sperm using non-permeable cryoprotectants. Animal Reproduction Science, 2018, 189, 103-109.	0.5	22
22	Identification of sperm subpopulations in canine ejaculates: Effects of cold storage and egg yolk concentration. Animal Reproduction Science, 2011, 127, 106-113.	0.5	21
23	Centrifugation on PureSpermÂ® density-gradient improved quality of spermatozoa from frozen-thawed dog semen. Theriogenology, 2011, 76, 381-385.	0.9	21
24	Effect of inbreeding depression on bull sperm quality and field fertility. Reproduction, Fertility and Development, 2017, 29, 712.	0.1	21
25	Effects of oocyte quality, incubation time and maturation environment on the number of chromosomal abnormalities in IVF-derived early bovine embryos. Reproduction, Fertility and Development, 2013, 25, 1077.	0.1	19
26	Freezability of Andalusian donkey (Equus asinus) spermatozoa: effect of extenders and permeating cryoprotectants. Reproduction, Fertility and Development, 2016, 28, 1990.	0.1	19
27	Cryoprotective effect of glutamine, taurine, and proline on post-thaw semen quality and DNA integrity of donkey spermatozoa. Animal Reproduction Science, 2018, 189, 128-135.	0.5	19
28	Effect of single layer centrifugation using Androcoll-E-Large on the sperm quality parameters of cooled-stored donkey semen doses. Animal, 2014, 8, 308-315.	1.3	17
29	Stallion sperm selection prior to freezing using a modified colloid swim-up procedure without centrifugation. Animal Reproduction Science, 2017, 185, 83-88.	0.5	17
30	Effect of different extenders for donkey sperm vitrification in straws. Reproduction in Domestic Animals, 2017, 52, 55-57.	0.6	15
31	Vitrification in straws conserves motility features better than spheres in donkey sperm. Reproduction in Domestic Animals, 2018, 53, 56-58.	0.6	15
32	Vitrification of Large Volumes of Stallion Sperm in Comparison With Spheres and Conventional Freezing: Effect of Warming Procedures and Sperm Selection. Journal of Equine Veterinary Science, 2019, 83, 102680.	0.4	14
33	Characterization of the seminal bacterial microbiome of healthy, fertile stallions using next-generation sequencing. Animal Reproduction, 2021, 18, e20200052.	0.4	13
34	Single-layer centrifugation through PureSpermÂ® 80 selects improved quality spermatozoa from frozen-thawed dog semen. Animal Reproduction Science, 2013, 140, 232-240.	0.5	12
35	Optimization of donkey sperm vitrification: Effect of sucrose, sperm concentration, volume and package (0.25 and 0.5 mL straws). Animal Reproduction Science, 2019, 204, 31-38.	0.5	12
36	Influence of sampling factors on canine sperm motility parameters measured by the Sperm Class Analyzer. Systems Biology in Reproductive Medicine, 2011, 57, 318-325.	1.0	11

#	ARTICLE	IF	CITATIONS
37	Sperm motility patterns in Andalusian donkey (Equus asinus) semen: Effects of body weight, age, and semen quality. Theriogenology, 2013, 79, 1100-1109.	0.9	11
38	Identification of sperm morphometric subpopulations in cooledâ€stored canine sperm and its relation with sperm <scp>DNA</scp> integrity. Reproduction in Domestic Animals, 2017, 52, 468-476.	0.6	11
39	Use of ultrafast Papanicolaou stain for exfoliative vaginal cytology in bitches. Veterinary Record, 2005, 156, 648-650.	0.2	10
40	Cryopreservation of donkey embryos by the cryotop method: Effect of developmental stage, embryo quality, diameter and age of embryos. Theriogenology, 2019, 125, 242-248.	0.9	10
41	Assessment of Dog Testis Perfusion by Colour and Pulsed-Doppler Ultrasonography and Correlation With Sperm Oxidative DNA Damage. Topics in Companion Animal Medicine, 2020, 41, 100452.	0.4	10
42	Cryopreservation of canine semen after cold storage in a Neopor box: effect of extender, centrifugation and storage time. Veterinary Record, 2014, 175, 20-20.	0.2	9
43	DNA integrity of canine spermatozoa during chill storage assessed by the sperm chromatin dispersion test using bright-field or fluorescence microscopy. Theriogenology, 2015, 84, 399-406.	0.9	9
44	Differences in preservation of canine chilled semen using simple sperm washing, single-layer centrifugation and modified swim-up preparation techniques. Reproduction, Fertility and Development, 2016, 28, 1545.	0.1	9
45	Comparison of DNA fragmentation of frozen-thawed epididymal sperm of dogs using Sperm Chromatin Structure Analysis and Sperm Chromatin Dispersion test. Animal Reproduction Science, 2017, 187, 74-78.	0.5	9
46	Vitrification of stallion sperm using 0.25 ml straws: Effect of volume, concentration and carbohydrates (sucrose/trehalose/raffinose). Animal Reproduction Science, 2019, 206, 69-77.	0.5	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 0.784314 rgBT /Overlock 10		9
48	Objective assessment of goat sperm head size by computer-assisted sperm morphometry analysis (ASMA). Small Ruminant Research, 2009, 87, 108-110.	0.6	8
49	Comparison of different sucrose-based extenders for stallion sperm vitrification in straws. Reproduction in Domestic Animals, 2018, 53, 59-61.	0.6	8
50	313 ASSESSMENT OF SPERM DNA FRAGMENTATION IN CANINE EJACULATES USING THE Sperm-HalomaxÂ® KIT: PRELIMINARY RESULTS. Reproduction, Fertility and Development, 2010, 22, 312.	0.1	8
51	Effect of season on individual stallion semen characteristics. Animal Reproduction Science, 2020, 223, 106641.	0.5	7
52	First pregnancies in jennies with vitrified donkey semen using a new warming method. Animal, 2021, 15, 100097.	1.3	7
53	Should single layer centrifugation of dog semen be done before or after the semen is cooled?. Veterinary Record, 2015, 176, 359-359.	0.2	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. Reproduction, Fertility and Development, 2015, 27, 351.	0.1	6

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55	Cryopreservation of Andalusian donkey (Equus asinus) spermatozoa: Use of alternative energy sources in the freezing extender affects post-thaw sperm motility patterns but not DNA stability. Animal Reproduction Science, 2019, 208, 106126.	0.5	6
56	The cryoprotective effect of Ficoll 70 on the post-warming survival and quality of Cryotop-vitrified donkey embryos. Theriogenology, 2020, 148, 180-185.	0.9	6
57	Effect of cooling rate on sperm quality of cryopreserved Andalusian donkey spermatozoa. Animal Reproduction Science, 2018, 193, 201-208.	0.5	5
58	Effect of permeable cryoprotectantâ€free vitrification on <scp>DNA</scp> fragmentation of equine oocyteâ€“cumulus cells. Reproduction in Domestic Animals, 2019, 54, 53-56.	0.6	5
59	Nano-depletion of acrosome-damaged donkey sperm by using lectin peanut agglutinin (PNA)-magnetic nanoparticles. Theriogenology, 2020, 151, 103-111.	0.9	5
60	Recent advances in donkey sperm vitrification. Reproduction in Domestic Animals, 2021, 56, 1274-1278.	0.6	5
61	Effect of warming temperatures on donkey sperm vitrification in 0.5 mL straws in comparison to conventional freezing. Spanish Journal of Agricultural Research, 2019, 17, e0406.	0.3	5
62	In vitro induction of the acrosome reaction in spermatozoa from endangered Spanish bulls: Effect of breed, culture media and incubation time. Livestock Science, 2012, 149, 275-281.	0.6	4
63	Fertilizing capacity of vitrified stallion sperm assessed utilizing heterologous IVF after different semen warming procedures. Animal Reproduction Science, 2020, 223, 106627.	0.5	4
64	Vitrification of Donkey Sperm: Is It Better Using Permeable Cryoprotectants?. Animals, 2020, 10, 1462.	1.0	4
65	Sperm morphometry is affected by increased inbreeding in the Retinta cattle breed: A molecular approach. Molecular Reproduction and Development, 2021, 88, 416-426.	1.0	4
66	New approach to assess sperm DNA fragmentation dynamics: Fine-tuning mathematical models. Journal of Animal Science and Biotechnology, 2017, 8, 23.	2.1	3
67	Relationship between DNA fragmentation of equine granulosa cells and oocyte meiotic competence after in vitro maturation. Reproduction in Domestic Animals, 2019, 54, 78-81.	0.6	3
68	Evaluation of DNA Damage of Mare Granulosa Cells Before and After Cryopreservation Using a Chromatin Dispersion Test. Journal of Equine Veterinary Science, 2019, 72, 28-30.	0.4	3
69	One-step warming does not affect the inÂvitro viability and cryosurvival of cryotop-vitrified donkey embryos. Theriogenology, 2020, 152, 47-52.	0.9	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-Î³ Subunit mRNA Transcripts. Animals, 2022, 12, 1012.	1.0	3
71	Follicular growth patterns in repeat breeder cows. Veterinarni Medicina, 2003, 48, 200-200.	0.2	2
72	First case of sterility associated with sex chromosomal abnormalities in a jenny. Reproduction in Domestic Animals, 2017, 52, 227-234.	0.6	2

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73	Editorial. Reproduction in Domestic Animals, 2018, 53, 3-3.	0.6	2
74	Is sperm cryopreservation in absence of permeable cryoprotectants suitable for subfertile donkeys?. Reproduction in Domestic Animals, 2019, 54, 102-105.	0.6	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.	0.6	2
76	Vitrification of donkey sperm using straws as an alternative to conventional slow freezing. Reproduction in Domestic Animals, 2020, , .	0.6	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.	0.5	2
78	Comparison of sperm selection techniques in donkeys: motile subpopulations from a practical point of view. Animal Reproduction, 2019, 16, 282-289.	0.4	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.	0.3	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.	0.3	2
81	14 FREEZING OF DONKEY SEMEN AFTER 24 HOURS OF COOL STORAGE: PRELIMINARY RESULTS. Reproduction, Fertility and Development, 2013, 25, 154.	0.1	2
82	Factors Affecting Embryo Recovery Rate, Quality, and Diameter in Andalusian Donkey Jennies. Animals, 2020, 10, 1967.	1.0	1
83	Comparison of different mathematical models to assess seasonal variations in the longevity of DNA integrity of cooledâ€stored stallion sperm. Andrologia, 2020, 52, e13545.	1.0	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.	0.4	1
85	72 EFFECT OF SINGLE-LAYER CENTRIFUGATION WITH EQUIPUREâ„¢ ON MOTILITY KINEMATICS OF FROZEN - THAWED DONKEY SPERM. Reproduction, Fertility and Development, 2013, 25, 183.	0.1	1
86	<scp>DNA</scp> fragmentation of equine cumulus cells from <scp>Cumulusâ€“Oocyte</scp> complexes submitted to vitrification and its relationship to the developmental competence of the oocyte. Reproduction in Domestic Animals, 0, , .	0.6	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.	0.1	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.	0.1	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.	0.1	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.	1.0	0