

# Manuel Hidalgo

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

1,208  
citations

361413  
20  
h-index

477307  
29  
g-index

93  
all docs

93  
docs citations

93  
times ranked

871  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hormonal Management for the Induction of Luteolysis and Ovulation in Andalusian Jennies: Effect on Reproductive Performance, Embryo Quality and Recovery Rate. <i>Animals</i> , 2022, 12, 143.	2.3	0
2	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- $\beta$ Subunit mRNA Transcripts. <i>Animals</i> , 2022, 12, 1012.	2.3	3
3	Antimicrobial activity of silver-carbon nanoparticles on the bacterial flora of bull semen. <i>Theriogenology</i> , 2021, 161, 219-227.	2.1	33
4	First pregnancies in jennies with vitrified donkey semen using a new warming method. <i>Animal</i> , 2021, 15, 100097.	3.3	7
5	Characterization of the seminal bacterial microbiome of healthy, fertile stallions using next-generation sequencing. <i>Animal Reproduction</i> , 2021, 18, e20200052.	1.0	13
6	Cryo-banking of human spermatozoa by aseptic cryoprotectants-free vitrification in liquid air: Positive effect of elevated warming temperature. <i>Cell and Tissue Banking</i> , 2021, , 1.	1.1	2
7	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
8	Recent advances in donkey sperm vitrification. <i>Reproduction in Domestic Animals</i> , 2021, 56, 1274-1278.	1.4	5
9	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
10	Vitrification of donkey sperm using straws as an alternative to conventional slow freezing. <i>Reproduction in Domestic Animals</i> , 2020, , .	1.4	2
11	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
12	Vitrification of Donkey Sperm: Is It Better Using Permeable Cryoprotectants?. <i>Animals</i> , 2020, 10, 1462.	2.3	4
13	Factors Affecting Embryo Recovery Rate, Quality, and Diameter in Andalusian Donkey Jennies. <i>Animals</i> , 2020, 10, 1967.	2.3	1
14	Effect of season on individual stallion semen characteristics. <i>Animal Reproduction Science</i> , 2020, 223, 106641.	1.5	7
15	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
16	Seasonal variations in sperm DNA fragmentation and pregnancy rates obtained after artificial insemination with cooled-stored stallion sperm throughout the breeding season (spring and) <i>Tj ETQq0 0 0 rgBT /Ovznlck 109f 50 137</i>		
17	Comparison of different mathematical models to assess seasonal variations in the longevity of DNA integrity of cooled-stored stallion sperm. <i>Andrologia</i> , 2020, 52, e13545.	2.1	1
18	The Effect of Different Vitrification and Staining Protocols on the Visibility of the Nuclear Maturation Stage of Equine Oocytes. <i>Journal of Equine Veterinary Science</i> , 2020, 90, 103021.	0.9	1

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19	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
20	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
21	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
22	Is sperm cryopreservation in absence of permeable cryoprotectants suitable for subfertile donkeys?. <i>Reproduction in Domestic Animals</i> , 2019, 54, 102-105.	1.4	2
23	Effect of permeable cryoprotectant-free vitrification on DNA fragmentation of equine oocyte-cumulus cells. <i>Reproduction in Domestic Animals</i> , 2019, 54, 53-56.	1.4	5
24	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
25	Low-density lipoproteins and milk serum proteins improve the quality of stallion sperm after vitrification in straws. <i>Reproduction in Domestic Animals</i> , 2019, 54, 86-89.	1.4	2
26	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
27	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
28	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
29	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
30	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
31	Comparison of sperm selection techniques in donkeys: motile subpopulations from a practical point of view. <i>Animal Reproduction</i> , 2019, 16, 282-289.	1.0	2
32	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
33	Stallion sperm freezing with sucrose extenders: A strategy to avoid permeable cryoprotectants. <i>Animal Reproduction Science</i> , 2018, 191, 85-91.	1.5	23
34	Effect of cooling rate on sperm quality of cryopreserved Andalusian donkey spermatozoa. <i>Animal Reproduction Science</i> , 2018, 193, 201-208.	1.5	5
35	Cryopreservation of donkey sperm using non-permeable cryoprotectants. <i>Animal Reproduction Science</i> , 2018, 189, 103-109.	1.5	22
36	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

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37	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
38	Editorial. <i>Reproduction in Domestic Animals</i> , 2018, 53, 3-3.	1.4	2
39	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
40	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
41	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. <i>Spanish Journal of Agricultural Research</i> , 2018, 15, e04SC01.	0.6	2
42	Identification of sperm morphometric subpopulations in cooled and stored canine sperm and its relation with sperm DNA integrity. <i>Reproduction in Domestic Animals</i> , 2017, 52, 468-476.	1.4	11
43	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
44	Effect of inbreeding depression on bull sperm quality and field fertility. <i>Reproduction, Fertility and Development</i> , 2017, 29, 712.	0.4	21
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	Effect of different extenders for donkey sperm vitrification in straws. <i>Reproduction in Domestic Animals</i> , 2017, 52, 55-57.	1.4	15
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	72 EFFECT OF SINGLE-LAYER CENTRIFUGATION WITH EQUIPURE® ON MOTILITY KINEMATICS OF FROZEN - THAWED DONKEY SPERM. <i>Reproduction, Fertility and Development</i> , 2013, 25, 183.	0.4	1
66	Short communication: In vitro oocyte maturation and fertilization rates in the Spanish Lidia bovine breed. <i>Spanish Journal of Agricultural Research</i> , 2013, 11, 356.	0.6	2
67	14 FREEZING OF DONKEY SEMEN AFTER 24 HOURS OF COOL STORAGE: PRELIMINARY RESULTS. <i>Reproduction, Fertility and Development</i> , 2013, 25, 154.	0.4	2
68	84 EFFECT OF A STRESSOR ON CANINE SPERM DNA FRAGMENTATION USING THE SPERM CHROMATIN DISPERSION TEST. <i>Reproduction, Fertility and Development</i> , 2013, 25, 189.	0.4	0
69	237 CHROMOSOMAL ABNORMALITIES IN IN VITRO-PRODUCED EARLY BOVINE EMBRYOS: USE OF HOMOLOGOUS FOLLICULAR FLUID SUPPLEMENTATION IN THE OOCYTE MATURATION MEDIA. <i>Reproduction, Fertility and Development</i> , 2013, 25, 266.	0.4	0
70	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
71	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
72	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

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73	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
74	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
75	Centrifugation on PureSperm® density-gradient improved quality of spermatozoa from frozen-thawed dog semen. <i>Theriogenology</i> , 2011, 76, 381-385.	2.1	21
76	The effect of cryopreservation on goat semen characteristics related to sperm freezability. <i>Animal Reproduction Science</i> , 2010, 121, 115-123.	1.5	36
77	Identification of sperm subpopulations with defined motility characteristics in ejaculates from Florida goats. <i>Theriogenology</i> , 2010, 74, 795-804.	2.1	36
78	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
79	90 EFFECT OF EGG YOLK ON THE KINEMATICS AND ACROSOME MEMBRANE INTEGRITY OF COOLED-REWARMED CANINE SPERMATOZOA. <i>Reproduction, Fertility and Development</i> , 2010, 22, 204.	0.4	0
80	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
81	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
82	Morphometric classification of Spanish thoroughbred stallion sperm heads. <i>Animal Reproduction Science</i> , 2008, 103, 374-378.	1.5	32
83	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
84	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
85	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
86	Use of ultrafast Papanicolaou stain for exfoliative vaginal cytology in bitches. <i>Veterinary Record</i> , 2005, 156, 648-650.	0.3	10
87	Effect of sample size and staining methods on stallion sperm morphometry by the Sperm Class Analyzer. <i>Veterinari Medicina</i> , 2005, 50, 24-32.	0.6	36
88	Gestation length in Carthusian Spanishbred mares. <i>Livestock Science</i> , 2003, 82, 181-187.	1.2	30
89	Follicular growth patterns in repeat breeder cows. <i>Veterinari Medicina</i> , 2003, 48, 200-200.	0.6	2
90	<sc>DNA</sc> fragmentation of equine cumulus cells from <sc>Cumulusâ€œOocyte</sc> complexes submitted to vitrification and its relationship to the developmental competence of the oocyte. <i>Reproduction in Domestic Animals</i> , 0, , .	1.4	1