Paulino de Paz

List of Publications by Year
in descending order

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Version: 2024-02-01

91	3,024	125106	206121
papers	citations	35	51
		h-index	g-index

93	93	93	1986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of the COVID-19 Lockdown-Adapted Online Methodology for the Cytology and Histology Course as Part of the Degree in Veterinary Medicine. Veterinary Sciences, 2022, 9, 51.	0.6	1
2	Frequency of Semen Collection Affects Ram Sperm Cryoresistance. Animals, 2022, 12, 1492.	1.0	6
3	Multiparametric Study of Antioxidant Effect on Ram Sperm Cryopreservationâ€"From Field Trials to Research Bench. Animals, 2021, 11, 283.	1.0	18
4	Comparing the Effect of Different Antibiotics in Frozen-Thawed Ram Sperm: Is It Possible to Avoid Their Addition?. Frontiers in Veterinary Science, 2021, 8, 656937.	0.9	9
5	Centrifugal force assessment in ram sperm: identifying species-specific impact. Acta Veterinaria Scandinavica, 2021, 63, 42.	0.5	3
6	ProAKAP4 as Novel Molecular Marker of Sperm Quality in Ram: An Integrative Study in Fresh, Cooled and Cryopreserved Sperm. Biomolecules, 2020, 10, 1046.	1.8	28
7	Current challenges in sheep artificial insemination: A particular insight. Reproduction in Domestic Animals, 2019, 54, 32-40.	0.6	27
8	Depletion of thiols leads to redox deregulation, production of 4-hydroxinonenal and sperm senescence: a possible role for GSH regulation in spermatozoaâ€. Biology of Reproduction, 2019, 100, 1090-1107.	1.2	21
9	Extender osmolality, glycerol and egg yolk on the cryopreservation of epididymal spermatozoa for gamete banking of the Cantabric Chamois (Rupicapra pyrenaica parva). Theriogenology, 2019, 125, 109-114.	0.9	8
10	How does the microbial load affect the quality of equine cool-stored semen?. Theriogenology, 2018, 114, 212-220.	0.9	23
11	Redox cycling induces spermptosis and necrosis in stallion spermatozoa while the hydroxyl radical (OHâ€¢) only induces spermptosis. Reproduction in Domestic Animals, 2018, 53, 54-67.	0.6	7
12	A simple flow cytometry protocol to determine simultaneously live, dead and apoptotic stallion spermatozoa in fresh and frozen thawed samples. Animal Reproduction Science, 2018, 189, 69-76.	0.5	11
13	Effect of length of time post-mortem on quality and freezing capacity of Cantabric chamois (Rupicapra) Tj ETQq1 1 0.784314 rgBT /O	0.5	4
14	Progesterone stimulates the long-distance migration of capacitated ram spermatozoa through viscous media under geotactic condition. Theriogenology, 2018, 118, 7-15.	0.9	2
15	Stallion spermatozoa surviving freezing and thawing experience membrane depolarization and increased intracellular Na⁺. Andrology, 2017, 5, 1174-1182.	1.9	28
16	Head morphology of ram spermatozoa is associated with their ability to migrate in vitro and correlates with fertility. Reproduction, Fertility and Development, 2016, 28, 1825.	0.1	11
17	Ram spermatozoa migrating through artificial mucus in vitro have reduced mitochondrial membrane potential but retain their viability. Reproduction, Fertility and Development, 2015, 27, 852.	0.1	6
18	Optimization of conditions for long-term prefreezing storage of brown bear sperm before cryopreservation. Theriogenology, 2015, 84, 1161-1171.	0.9	4

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19	Post-thawing quality and incubation resilience of cryopreserved ram spermatozoa are affected by antioxidant supplementation and choice of extender. Theriogenology, 2015, 83, 520-528.	0.9	45
20	Refrigerated storage of ram sperm in presence of Trolox and GSH antioxidants: Effect of temperature, extender and storage time. Animal Reproduction Science, 2014, 151, 137-147.	0.5	43
21	Tolerance of brown bear spermatozoa to conditions of pre-freezing cooling rate and equilibration time. Theriogenology, 2014, 81, 1229-1238.	0.9	8
22	Use of commercial extenders and alternatives to prevent sperm agglutination for cryopreservation of brown bear semen. Theriogenology, 2014, 82, 469-474.	0.9	8
23	Brown bear sperm double freezing: Effect of elapsed time and use of PureSpermÂ® gradient between freezeâ€“thaw cycles. Cryobiology, 2013, 67, 339-346.	0.3	12
24	The addition of heat shock protein HSPA8 to cryoprotective media improves the survival of brown bear (Ursus arctos) spermatozoa during chilling and after cryopreservation. Theriogenology, 2013, 79, 541-550.	0.9	20
25	The antioxidant effects of soybean lecithin- or low-density lipoprotein-based extenders for the cryopreservation of brown-bear (Ursus arctos) spermatozoa. Reproduction, Fertility and Development, 2013, 25, 1185.	0.1	18
26	Sperm concentration at freezing affects post-thaw quality and fertility of ram semen. Theriogenology, 2012, 77, 1111-1118.	0.9	40
27	Evaluation of the qualitative and quantitative effectiveness of three media of centrifugation (Maxifreeze, Cushion Fluid Equine, and PureSperm 100) in preparation of fresh or frozen-thawed brown bear spermatozoa. Theriogenology, 2012, 77, 1119-1128.	0.9	16
28	Evaluation of ram semen quality using polyacrylamide gel instead of cervical mucus in the sperm penetration test. Theriogenology, 2012, 77, 1575-1586.	0.9	17
29	Design and â€œin vivoâ€•evaluation of two adapted catheters for intrauterine transcervical insemination in sheep. Animal Reproduction Science, 2012, 131, 153-159.	0.5	21
30	Specificity of the extender used for freezing ram sperm depends of the spermatozoa source (ejaculate,) Tj ETQq0 0 0 rgBT /Overlock 10	0.5	34
31	Reduced glutathione and Trolox (vitamin E) as extender supplements in cryopreservation of red deer epididymal spermatozoa. Animal Reproduction Science, 2012, 135, 37-46.	0.5	40
32	The percentage of spermatozoa lost during the centrifugation of brown bear (Ursus arctos) ejaculates is associated with some spermatozoa quality and seminal plasma characteristics. Animal Reproduction Science, 2012, 135, 113-121.	0.5	8
33	Optimization of Glycerol Concentration and Freezing Rate in the Cryopreservation of Ejaculate From Brown Bear (Ursus arctos). Reproduction in Domestic Animals, 2012, 47, 105-112.	0.6	22
34	Effect of Several Antioxidants on Thawed Ram Spermatozoa Submitted to 37Â°C up to Four Hours. Reproduction in Domestic Animals, 2012, 47, 907-914.	0.6	37
35	Spermatozoa recovery and post-thawing quality of brown bear ejaculates is affected for centrifugation regimes. European Journal of Wildlife Research, 2012, 58, 77-84.	0.7	8
36	Undiluted or extended storage of ram epididymal spermatozoa as alternatives to refrigerating the whole epididymes. Animal Reproduction Science, 2011, 126, 76-82.	0.5	28

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37	Effect of storage method and extender osmolality in the quality of cryopreserved epididymal ram spermatozoa. Animal Reproduction Science, 2011, 129, 188-199.	0.5	22
38	Statistical Series: Opportunities and challenges of sperm motility subpopulation analysis. Theriogenology, 2011, 75, 783-795.	0.9	102
39	Quality of frozen-thawed semen in brown bear is not affected by timing of glycerol addition. Theriogenology, 2011, 75, 1561-1565.	0.9	17
40	The relationship between ram sperm head morphometry and fertility depends on the procedures of acquisition and analysis used. Theriogenology, 2011, 76, 1313-1325.	0.9	36
41	Evaluation of Three Different Extenders for Use in Emergency Salvaging of Epididymal Spermatozoa from a Cantabric Brown Bear. Reproduction in Domestic Animals, 2011, 46, e85-90.	0.6	17
42	Effects on brown bear (Ursus arctos) spermatozoa freezability of different extender and dilution ratios used for pre-freezing centrifugation. European Journal of Wildlife Research, 2011, 57, 259-266.	0.7	15
43	Probes and Techniques for Sperm Evaluation by Flow Cytometry. Reproduction in Domestic Animals, 2010, 45, 67-78.	0.6	148
44	The Acidic Probe LysoSensor^{â„¢}is not Useful for Acrosome Evaluation of Cryopreserved Ram Spermatozoa. Reproduction in Domestic Animals, 2010, 45, 363-367.	0.6	5
45	Effect of basic factors of extender composition on post-thawing quality of brown bear electroejaculated spermatozoa. Theriogenology, 2010, 74, 643-651.	0.9	35
46	Development of extender based on soybean lecithin for its application in liquid ram semen. Theriogenology, 2010, 74, 663-671.	0.9	36
47	Cryopreservation of Iberian red deer (Cervus elaphus hispanicus) spermatozoa obtained by electroejaculation. Theriogenology, 2009, 71, 628-638.	0.9	40
48	Evaluation of oxidative DNA damage promoted by storage in sperm from sex-reversed rainbow trout. Theriogenology, 2009, 71, 605-613.	0.9	93
49	Sperm Cryopreservation in Brown Bear (Ursus arctos): Preliminary Aspects. Reproduction in Domestic Animals, 2008, 43, 9-17.	0.6	29
50	Sperm parameters on Iberian red deer: Electroejaculation and post-mortem collection. Theriogenology, 2008, 70, 216-226.	0.9	45
51	Effects of cryopreservation on head morphometry and its relation with chromatin status in brown bear (Ursus arctos) spermatozoa. Theriogenology, 2008, 70, 1498-1506.	0.9	34
52	Extender osmolality and sugar supplementation exert a complex effect on the cryopreservation of Iberian red deer (Cervus elaphus hispanicus) epididymal spermatozoa. Theriogenology, 2007, 67, 738-753.	0.9	74
53	Studies on chorion hardening inhibition and dechorionization in turbot embryos. Aquaculture, 2007, 262, 535-540.	1.7	7
54	DNA fragmentation assessment by flow cytometry and Sperm?Bos?Halomax (bright-field microscopy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 30, 88-98.	3.6	49

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55	Seasonal Changes in Sperm Chromatin Condensation in Ram (Ovis aries), Iberian Red Deer (Cervus) Tj ETQq1 1 0.784314 rgBT /Overl	2.0	42
56	Sperm Characteristics and DNA Integrity of Iberian Red Deer (Cervus elaphus hispanicus) Epididymal Spermatozoa Frozen in the Presence of Enzymatic and Nonenzymatic Antioxidants. Journal of Andrology, 2006, 28, 294-305.	2.0	73
57	Comparison of two methods for obtaining spermatozoa from the cauda epididymis of Iberian red deer. Theriogenology, 2006, 65, 471-485.	0.9	81
58	A pilot study on post-thawing quality of Iberian red deer spermatozoa (epididymal and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (ele 2006, 66, 1165-1172.	0.9	47
59	Seminal plasma improves cryopreservation of Iberian red deer epididymal sperm. Theriogenology, 2006, 66, 1847-1856.	0.9	44
60	Influence of breed and age on morphometry and depth of inseminating catheter penetration in the ewe cervix: A postmortem study. Theriogenology, 2006, 66, 1876-1883.	0.9	58
61	Assessment of chromatin status (SCSAÂ®) in epididymal and ejaculated sperm in Iberian red deer, ram and domestic dog. Theriogenology, 2006, 66, 1921-1930.	0.9	46
62	Ovum Pick-up in Sheep: a Comparison between Different Aspiration Devices for Optimal Oocyte Retrieval. Reproduction in Domestic Animals, 2006, 41, 106-113.	0.6	35
63	Improvement Strategies in Ovine Artificial Insemination. Reproduction in Domestic Animals, 2006, 41, 30-42.	0.6	74
64	Sperm Subpopulations in Iberian Red Deer Epididymal Sperm and Their Changes Through the Cryopreservation Process1. Biology of Reproduction, 2005, 72, 316-327.	1.2	118
65	Decay of sperm obtained from epididymes of wild ruminants depending on postmortem time. Theriogenology, 2005, 63, 24-40.	0.9	63
66	Factors influencing the success of vaginal and laparoscopic artificial insemination in churra ewes: a field assay. Theriogenology, 2005, 63, 1235-1247.	0.9	88
67	Season effect on genitalia and epididymal sperm from Iberian red deer, roe deer and Cantabrian chamois. Theriogenology, 2005, 63, 1857-1875.	0.9	41
68	Post mortem time and season alter subpopulation characteristics of Iberian red deer epididymal sperm. Theriogenology, 2005, 64, 958-974.	0.9	41
69	Effect of a vitrification protocol on the lactate dehydrogenase and glucose-6-phosphate dehydrogenase activities and the hatching rates of Zebrafish (Danio rerio) and Turbot (Scophthalmus) Tj ETQq1 1 0.784314 rgBT /Ov	0.9	28
70	Effect of the interval between estrus onset and artificial insemination on sex ratio and fertility in cattle: a field study. Theriogenology, 2004, 62, 1264-1270.	0.9	47
71	Use of chromatin stability assay, mitochondrial stain JC-1, and fluorometric assessment of plasma membrane to evaluate frozen-thawed ram semen. Animal Reproduction Science, 2004, 84, 121-133.	0.5	93
72	Dimethyl sulfoxide influx in turbot embryos exposed to a vitrification protocol. Theriogenology, 2003, 60, 463-473.	0.9	26

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73	Effect of epididymis handling conditions on the quality of ram spermatozoa recovered post-mortem. Theriogenology, 2003, 60, 1249-1259.	0.9	109
74	Field and in vitro assay of three methods for freezing ram semen. Theriogenology, 2003, 60, 1293-1308.	0.9	58
75	Effect of different treatments on the chorion permeability to DMSO of turbot embryos (Scophthalmus maximus). Aquaculture, 2003, 221, 593-604.	1.7	23
76	Ultrastructural and cytochemical comparison between calf and cow oocytes. Theriogenology, 2001, 55, 1107-1116.	0.9	38
77	Ultrastructural localization of lectin receptors in the preimplantation ovine embryo. The Anatomical Record, 1994, 240, 537-544.	2.3	6
78	Sheep embryo cryopreservation by vitrification and conventional freezing. Theriogenology, 1994, 42, 327-338.	0.9	7
79	A study of the chick thymus microenvironment during development: Analysis by monoclonal antibodies against thymic epithelium. The Anatomical Record, 1993, 235, 296-302.	2.3	5
80	Prenatal exposure to ethanol alters plasma membrane glycoproteins of astrocytes during development in primary culture as revealed by concanavalin a binding and 5?-nucleotidase activity. Glia, 1992, 5, 65-74.	2.5	16
81	Stereological analysis of plasma membranes. Distribution of ligands on the cell surface components and membrane flow in endocytosis. Computer Methods and Programs in Biomedicine, 1990, 31, 267-268.	2.6	2
82	Effects of prolonged ethanol exposure on the glial fibrillary acidic protein-containing intermediate filaments of astrocytes in primary culture: a quantitative immunofluorescence and immunogold electron microscopic study.. Journal of Histochemistry and Cytochemistry, 1989, 37, 229-240.	1.3	97
83	Effects of colchicine- and cytochalasin B-treatment on the intracellular distribution of yolk droplets, lipid bodies, and golgi apparatus of the chick neuroepithelial cells. The Journal of Experimental Zoology, 1988, 245, 17-23.	1.4	1
84	Effects of colchicine on the shape of chick neuroepithelial cells during neurulation. The Anatomical Record, 1987, 219, 296-303.	2.3	2
85	Embryonic development of the freshwater crayfish (Pacifastacus leniusculusDana): A scanning electron microscopic study. The Anatomical Record, 1987, 219, 304-310.	2.3	37
86	Bipolar Mesoderm Cells in vitro Examined by Scanning Electron Microscopy. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 1987, 16, 48-52.	0.3	0
87	In vitro detection of cells with monocytic potentiality in the wall of the chick embryo aorta. Developmental Biology, 1986, 118, 167-175.	0.9	76
88	Quantitative ultrastructural changes of the endodermal cells in the early chick embryo analysed by stereological methods. Tissue and Cell, 1986, 18, 63-70.	1.0	0
89	A BASIC program for determination of numerical density of cytoplasmic compartmentsâ€”I. Analysis of spherical particles. Computers in Biology and Medicine, 1986, 16, 267-272.	3.9	6
90	A BASIC program for determination of numerical density of cytoplasmic compartmentsâ€”II. Analysis of ellipsoids and cylindrical particles. Computers in Biology and Medicine, 1986, 16, 273-277.	3.9	7

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91	Stereological parameters from the analysis of the cell micrographs either by manual point-counting methods or by using a semi-automatic system: A BASIC program for ZX-spectrum personal computer. Computers in Biology and Medicine, 1985, 15, 153-158.	3.9	9