

Sebastiã;n Demyda-Peyrã;s

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

595
citations

623188

14
h-index

676716

22
g-index

66
all docs

66
docs citations

66
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	A pilot study on the DNA-protective, cytotoxic, and apoptosis-inducing properties of olive-leaf extracts. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 723, 165-170.	0.9	64
2	Evaluation of potential antigenotoxic, cytotoxic and proapoptotic effects of the olive oil by-product "alperujo", hydroxytyrosol, tyrosol and verbascoside. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 772, 25-33.	0.9	48
3	Runs of homozygosity in a selected cattle population with extremely inbred bulls: Descriptive and functional analyses revealed highly variable patterns. <i>PLoS ONE</i> , 2018, 13, e0200069.	1.1	39
4	In vitro breeding: application of embryonic stem cells to animal production". <i>Biology of Reproduction</i> , 2019, 100, 885-895.	1.2	39
5	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.	0.5	27
6	Centrifugation on PureSperm® density-gradient improved quality of spermatozoa from frozen-thawed dog semen. <i>Theriogenology</i> , 2011, 76, 381-385.	0.9	21
7	Effect of inbreeding depression on bull sperm quality and field fertility. <i>Reproduction, Fertility and Development</i> , 2017, 29, 712.	0.1	21
8	Phenotypic and genetic analysis of reproductive traits in horse populations with different breeding purposes. <i>Animal</i> , 2020, 14, 1351-1361.	1.3	21
9	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.	0.1	19
10	The use of a novel combination of diagnostic molecular and cytogenetic approaches in horses with sexual karyotype abnormalities: A rare case with an abnormal cellular chimerism. <i>Theriogenology</i> , 2014, 81, 1116-1122.	0.9	19
11	The rob(1;29) chromosome translocation in endangered Andalusian cattle breeds. <i>Livestock Science</i> , 2013, 158, 32-39.	0.6	17
12	Sex chromosomal abnormalities associated with equine infertility: validation of a simple molecular screening tool in the Purebred Spanish Horse. <i>Animal Genetics</i> , 2017, 48, 412-419.	0.6	17
13	The Use of Molecular and Cytogenetic Methods as a Valuable Tool in the Detection of Chromosomal Abnormalities in Horses: A Case of Sex Chromosome Chimerism in a Spanish Purebred Colt. <i>Cytogenetic and Genome Research</i> , 2013, 141, 277-283.	0.6	16
14	Sex reversal syndrome in the horse: Four new cases of feminization in individuals carrying a 64,XY SRY negative chromosomal complement. <i>Animal Reproduction Science</i> , 2014, 151, 22-27.	0.5	15
15	<i>In Vivo</i> and <i>In Vitro</i> Genotoxic and Epigenetic Effects of Two Types of Cola Beverages and Caffeine: A Multiassay Approach. <i>BioMed Research International</i> , 2016, 2016, 1-15.	0.9	15
16	Impact of reproductive biotechnologies on genetic variability of Argentine Polo horses. <i>Livestock Science</i> , 2020, 231, 103848.	0.6	14
17	Impaired Reproductive Function in Equines: From Genetics to Genomics. <i>Animals</i> , 2021, 11, 393.	1.0	12
18	Breeding beef cattle for an extended productive life: Evaluation of selection criteria in the Retinta breed. <i>Livestock Science</i> , 2017, 204, 115-121.	0.6	10

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19	Morphological and genetic diversity of Pura Raza Español horse with regard to the coat colour. <i>Animal Science Journal</i> , 2019, 90, 14-22.	0.6	10
20	500 years of breeding in the Carthusian Strain of Pura Raza Español horse: An evolutionary analysis using genealogical and genomic data. <i>Journal of Animal Breeding and Genetics</i> , 2022, 139, 84-99.	0.8	10
21	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.	0.2	9
22	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.	0.9	9
23	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.	0.1	9
24	Nutraceutical Potential of Two Allium Species and Their Distinctive Organosulfur Compounds: A Multi-Assay Evaluation. <i>Foods</i> , 2019, 8, 222.	1.9	9
25	Fine-Scale Analysis of Runs of Homozygosity Islands Affecting Fertility in Mares. <i>Frontiers in Veterinary Science</i> , 2022, 9, 754028.	0.9	7
26	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.	0.1	6
27	Bovine thyroglobulin gene polymorphisms and their association with sexual precocity in Guzerat bulls. <i>Reproduction in Domestic Animals</i> , 2017, 52, 911-913.	0.6	6
28	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.	0.5	6
29	Screening and detection of chromosomal copy number alterations in the domestic horse using SNP array genotyping data. <i>Animal Genetics</i> , 2021, 52, 431-439.	0.6	6
30	A genome-wide association study of mare fertility in the Pura Raza Español horse. <i>Animal</i> , 2022, 16, 100476.	1.3	6
31	Genetic Parameters of Somatic Cell Score in Florida Goats Using Single and Multiple Traits Models. <i>Animals</i> , 2022, 12, 1009.	1.0	6
32	Effect of cooling rate on sperm quality of cryopreserved Andalusian donkey spermatozoa. <i>Animal Reproduction Science</i> , 2018, 193, 201-208.	0.5	5
33	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.	0.6	4
34	Prevalence of twin foaling and blood chimaerism in purebred Spanish horses. <i>Veterinary Journal</i> , 2018, 234, 142-144.	0.6	4
35	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.	1.0	4
36	Sexual Differentiation and Primordial Germ Cell Distribution in the Early Horse Fetus. <i>Animals</i> , 2021, 11, 2422.	1.0	4

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37	Effect of the rob(1;29) translocation on the fertility of beef cattle reared under extensive conditions: A 30-year retrospective study. <i>Reproduction in Domestic Animals</i> , 2022, 57, 349-356.	0.6	4
38	Copy Number Variation (CNV): A New Genomic Insight in Horses. <i>Animals</i> , 2022, 12, 1435.	1.0	4
39	New spot-on formulation containing chlorpyrifos for controlling horn flies on cattle: laboratory model of insecticide release and field trial. <i>Parasitology Research</i> , 2010, 107, 967-974.	0.6	3
40	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.	0.4	3
41	Genetic effects of season on the preweaning growth of beef cattle: A first approach to Retinta calves. <i>Revista Colombiana De Ciencias Pecuarias</i> , 2020, 33, 134-143.	0.4	3
42	Genomic Population Structure of the Main Historical Genetic Lines of Spanish Merino Sheep. <i>Animals</i> , 2022, 12, 1327.	1.0	3
43	Biological and Health-promoting Activity of Vinification Byproducts Produced in Spanish Vineyards. <i>South African Journal of Enology and Viticulture</i> , 2015, 36, .	0.8	2
44	First case of sterility associated with sex chromosomal abnormalities in a jenny. <i>Reproduction in Domestic Animals</i> , 2017, 52, 227-234.	0.6	2
45	17 Increased inbreeding levels negatively affect sperm kinetics and motility in Purebred Spanish horses. <i>Reproduction, Fertility and Development</i> , 2021, 33, 116.	0.1	2
46	23 Sperm quality of Pure Spanish stallions is affected by inbreeding coefficient and age. <i>Reproduction, Fertility and Development</i> , 2020, 32, 137.	0.1	2
47	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.	0.3	2
48	14 FREEZING OF DONKEY SEMEN AFTER 24 HOURS OF COOL STORAGE: PRELIMINARY RESULTS. <i>Reproduction, Fertility and Development</i> , 2013, 25, 154.	0.1	2
49	155 Whole genome association analysis suggests an influence of inbreeding on bull sperm morphometry. <i>Reproduction, Fertility and Development</i> , 2019, 31, 202.	0.1	2
50	Biological effects of classic and diet soda drinks assessed in in vivo and in vitro models. <i>Toxicology Letters</i> , 2015, 238, S65.	0.4	1
51	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.	0.4	1
52	Sex Reversal Syndrome in an Egyptian Arabian Horse Detected Using Genomic Data – A case report. <i>Journal of Equine Veterinary Science</i> , 2021, 104, 103692.	0.4	1
53	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.	0.1	1
54	A new molecular screening tool for the detection of chromosomal abnormalities in donkeys. <i>Reproduction in Domestic Animals</i> , 2019, 54, 580-584.	0.6	0

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55	100 The evolution and premature hyperactivation of kinetic sperm subpopulations are affected by inbreeding level in Retinta cattle. <i>Reproduction, Fertility and Development</i> , 2021, 33, 157.	0.1	0
56	167 INFLUENCE OF THE SPERM SELECTION METHOD AND FERTILIZATION DOSES ON CHROMOSOMAL ABNORMALITY RATES OF 4-DAY-OLD BOVINE EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2012, 24, 195.	0.1	0
57	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.	0.1	0
58	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.	0.1	0
59	87 EVALUATION OF THE NUMERICAL CHROMOSOMAL ABNORMALITIES ON IN VITRO EARLY BOVINE EMBRYOS: EFFECT OF THE CELL CO-CULTURE WITH GRANULOSA CELLS. <i>Reproduction, Fertility and Development</i> , 2014, 26, 157.	0.1	0
60	185 OVIDUCTAL CO-CULTURE CELL DID NOT REDUCE THE RATE OF CHROMOSOMAL ABNORMALITIES IN IN VITRO-PRODUCED BOVINE EMBRYOS. <i>Reproduction, Fertility and Development</i> , 2017, 29, 201.	0.1	0