

# Sebastin Demyda-Peyrs

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47  
papers

405  
citations

12  
h-index

17  
g-index

66  
ext. papers

515  
ext. citations

1.9  
avg, IF

3.44  
L-index

#	Paper	IF	Citations
47	Fine-Scale Analysis of Runs of Homozygosity Islands Affecting Fertility in Mares.. <i>Frontiers in Veterinary Science</i> , <b>2022</b> , 9, 754028	3.1	3
46	A genome-wide association study of mare fertility in the Pura Raza Español horse.. <i>Animal</i> , <b>2022</b> , 16, 100476	3.1	1
45	Genomic Population Structure of the Main Historical Genetic Lines of Spanish Merino Sheep. <i>Animals</i> , <b>2022</b> , 12, 1327	3.1	0
44	Copy Number Variation (CNV): A New Genomic Insight in Horses. <i>Animals</i> , <b>2022</b> , 12, 1435	3.1	0
43	The effect of the Robertsonian translocation 1/29 on the fertility of beef cattle reared under extensive conditions: a 30 years retrospective study.. <i>Reproduction in Domestic Animals</i> , <b>2021</b> ,	1.6	1
42	Sperm morphometry is affected by increased inbreeding in the Retinta cattle breed: A molecular approach. <i>Molecular Reproduction and Development</i> , <b>2021</b> , 88, 416-426	2.6	1
41	Screening and detection of chromosomal copy number alterations in the domestic horse using SNP-array genotyping data. <i>Animal Genetics</i> , <b>2021</b> , 52, 431-439	2.5	5
40	Impaired Reproductive Function in Equines: From Genetics to Genomics. <i>Animals</i> , <b>2021</b> , 11,	3.1	5
39	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> , <b>2021</b> ,	2.9	4
38	Sex Reversal Syndrome in an Egyptian Arabian Horse Detected Using Genomic Data - A case report. <i>Journal of Equine Veterinary Science</i> , <b>2021</b> , 104, 103692	1.2	
37	Phenotypic and genetic analysis of reproductive traits in horse populations with different breeding purposes. <i>Animal</i> , <b>2020</b> , 14, 1351-1361	3.1	12
36	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> , <b>2020</b> , 90, 103021	1.2	0
35	Genetic effects of season on the preweaning growth of beef cattle: A first approach to Retinta calves. <i>Revista Colombiana De Ciencias Pecuarias</i> , <b>2020</b> , 33, 134-143	0.6	3
34	Impact of reproductive biotechnologies on genetic variability of Argentine Polo horses. <i>Livestock Science</i> , <b>2020</b> , 231, 103848	1.7	9
33	Nutraceutical Potential of Two Species and Their Distinctive Organosulfur Compounds: A Multi-Assay Evaluation. <i>Foods</i> , <b>2019</b> , 8,	4.9	5
32	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> , <b>2019</b> , 208, 106126	2.1	5
31	In vitro breeding: application of embryonic stem cells to animal production <i>Biology of Reproduction</i> , <b>2019</b> , 100, 885-895	3.9	23

30	A new molecular screening tool for the detection of chromosomal abnormalities in donkeys. <i>Reproduction in Domestic Animals</i> , <b>2019</b> , 54, 580-584	1.6	
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> , <b>2019</b> , 72, 28-30	1.2	3
28	Morphological and genetic diversity of Pura Raza Español horse with regard to the coat colour. <i>Animal Science Journal</i> , <b>2019</b> , 90, 14-22	1.8	5
27	Effect of cooling rate on sperm quality of cryopreserved Andalusian donkey spermatozoa. <i>Animal Reproduction Science</i> , <b>2018</b> , 193, 201-208	2.1	3
26	Prevalence of twin foaling and blood chimaerism in purebred Spanish horses. <i>Veterinary Journal</i> , <b>2018</b> , 234, 142-144	2.5	4
25	Runs of homozygosity in a selected cattle population with extremely inbred bulls: Descriptive and functional analyses revealed highly variable patterns. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200069	3.7	16
24	Sex chromosomal abnormalities associated with equine infertility: validation of a simple molecular screening tool in the Purebred Spanish Horse. <i>Animal Genetics</i> , <b>2017</b> , 48, 412-419	2.5	15
23	First case of sterility associated with sex chromosomal abnormalities in a jenny. <i>Reproduction in Domestic Animals</i> , <b>2017</b> , 52, 227-234	1.6	2
22	Bovine thyroglobulin gene polymorphisms and their association with sexual precocity in Guzerat bulls. <i>Reproduction in Domestic Animals</i> , <b>2017</b> , 52, 911-913	1.6	6
21	Effect of inbreeding depression on bull sperm quality and field fertility. <i>Reproduction, Fertility and Development</i> , <b>2017</b> , 29, 712-720	1.8	12
20	Breeding beef cattle for an extended productive life: Evaluation of selection criteria in the Retinta breed. <i>Livestock Science</i> , <b>2017</b> , 204, 115-121	1.7	6
19	In Vivo and In Vitro Genotoxic and Epigenetic Effects of Two Types of Cola Beverages and Caffeine: A Multiassay Approach. <i>BioMed Research International</i> , <b>2016</b> , 2016, 7574843	3	12
18	DNA integrity of canine spermatozoa during chill storage assessed by the sperm chromatin dispersion test using bright-field or fluorescence microscopy. <i>Theriogenology</i> , <b>2015</b> , 84, 399-406	2.8	7
17	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> , <b>2015</b> , 27, 351-9	1.8	5
16	Biological and Health-promoting Activity of Vinification Byproducts Produced in Spanish Vineyards. <i>South African Journal of Enology and Viticulture</i> , <b>2015</b> , 36,	3.1	2
15	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> , <b>2015</b> ,	1.8	7
14	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> , <b>2014</b> , 81, 1116-22	2.8	17
13	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> , <b>2014</b> , 151, 22-7	2.1	15

12	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> , <b>2014</b> , 772, 25-33	3	38
11	Cryopreservation of canine semen after cold storage in a Neopor box: effect of extender, centrifugation and storage time. <i>Veterinary Record</i> , <b>2014</b> , 175, 20	0.9	6
10	Effect of cryopreservation and single layer centrifugation on canine sperm DNA fragmentation assessed by the sperm chromatin dispersion test. <i>Animal Reproduction Science</i> , <b>2013</b> , 143, 118-25	2.1	22
9	The rob(1;29) chromosome translocation in endangered Andalusian cattle breeds. <i>Livestock Science</i> , <b>2013</b> , 158, 32-39	1.7	13
8	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> , <b>2013</b> , 25, 1077-84	1.8	13
7	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> , <b>2013</b> , 141, 277-83	1.9	15
6	Short communication: In vitro oocyte maturation and fertilization rates in the Spanish Lidia bovine breed. <i>Spanish Journal of Agricultural Research</i> , <b>2013</b> , 11, 356	1.1	2
5	14 FREEZING OF DONKEY SEMEN AFTER 24 HOURS OF COOL STORAGE: PRELIMINARY RESULTS. <i>Reproduction, Fertility and Development</i> , <b>2013</b> , 25, 154	1.8	2
4	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> , <b>2012</b> , 149, 275-281	1.7	3
3	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> , <b>2011</b> , 723, 165-70	3	49
2	Centrifugation on PureSperm(®) density-gradient improved quality of spermatozoa from frozen-thawed dog semen. <i>Theriogenology</i> , <b>2011</b> , 76, 381-5	2.8	19
1	New spot-on formulation containing chlorpyrifos for controlling horn flies on cattle: laboratory model of insecticide release and field trial. <i>Parasitology Research</i> , <b>2010</b> , 107, 967-74	2.4	3