

Miluse Vozdova

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,010
citations

516215

16
h-index

454577

30
g-index

51
all docs

51
docs citations

51
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	Episodic air pollution is associated with increased DNA fragmentation in human sperm without other changes in semen quality. <i>Human Reproduction</i> , 2005, 20, 2776-2783.	0.4	262
2	Balanced chromosomal translocations in men: relationships among semen parameters, chromatin integrity, sperm meiotic segregation and aneuploidy. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 391-405.	1.2	56
3	Individual variation in the frequency of sperm aneuploidy in humans. <i>Cytogenetic and Genome Research</i> , 2005, 111, 229-236.	0.6	51
4	Aneuploidy in pig sperm: multicolor fluorescence in situ hybridization using probes for chromosomes 1, 10, and Y. <i>Cytogenetic and Genome Research</i> , 1999, 85, 200-204.	0.6	46
5	Recombination correlates with synaptonemal complex length and chromatin loop size in bovids—insights into mammalian meiotic chromosomal organization. <i>Chromosoma</i> , 2017, 126, 615-631.	1.0	45
6	Stable Variants of Sperm Aneuploidy among Healthy Men Show Associations between Germinal and Somatic Aneuploidy. <i>American Journal of Human Genetics</i> , 2002, 70, 1507-1519.	2.6	44
7	Cytogenetic analysis of peripheral lymphocytes in medical personnel by means of FISH. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 412, 293-298.	0.9	41
8	Sexing river buffalo (<i>Bubalus bubalis</i> L.), sheep (<i>Ovis aries</i> L.), goat (<i>Capra hircus</i> L.), and cattle spermatozoa by double color FISH using bovine (<i>Bos taurus</i> L.) X- and Y-painting probes. <i>Molecular Reproduction and Development</i> , 2004, 67, 108-115.	1.0	37
9	Testicular sperm aneuploidy in non-obstructive azoospermic patients. <i>Human Reproduction</i> , 2012, 27, 2233-2239.	0.4	36
10	Sperm fluorescence in situ hybridization study of meiotic segregation and an interchromosomal effect in carriers of t(11;18). <i>Human Reproduction</i> , 2008, 23, 581-588.	0.4	31
11	The effect of the swim-up and hyaluronan-binding methods on the frequency of abnormal spermatozoa detected by FISH and SCSA in carriers of balanced chromosomal translocations. <i>Human Reproduction</i> , 2012, 27, 930-937.	0.4	28
12	Frequency of aneuploidy in pig oocytes matured in vitro and of the corresponding first polar bodies detected by fluorescent in situ hybridization. <i>Theriogenology</i> , 2001, 56, 771-776.	0.9	22
13	Total globozoospermia associated with increased frequency of immature spermatozoa with chromatin defects and aneuploidy: a case report. <i>Andrologia</i> , 2014, 46, 831-836.	1.0	22
14	Meiotic behaviour of evolutionary sex-autosome translocations in Bovidae. <i>Chromosome Research</i> , 2016, 24, 325-338.	1.0	21
15	Diagnosis, Prognosis and Treatment of Canine Cutaneous and Subcutaneous Mast Cell Tumors. <i>Cells</i> , 2022, 11, 618.	1.8	21
16	Sperm and Embryo Analysis in a Carrier of Supernumerary inv dup(15) Marker Chromosome. <i>Journal of Andrology</i> , 2009, 30, 233-239.	2.0	18
17	A Comparative Study of Meiotic Recombination in Cattle <i>(Bos Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 112 Td (<i>Cytogenetic and Genome Research</i> , 2013, 140, 36-45.	0.6	18
18	Detection of translocation rob(1;29) in bull sperm using a specific DNA probe. <i>Cytogenetic and Genome Research</i> , 2008, 120, 102-105.	0.6	15

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19	Variation of Meiotic Recombination Rates and MLH1 Foci Distribution in Spermatocytes of Cattle, Sheep and Goats. <i>Cytogenetic and Genome Research</i> , 2015, 146, 211-221.	0.6	15
20	Chromosomal Polymorphism and Speciation: The Case of the Genus <i>Mazama</i> (Cetartiodactyla). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70</i>	1.0	15
21	Nanger, Eudorcas, Gazella, and Antelope form a well-supported chromosomal clade within Antilopini (Bovidae, Cetartiodactyla). <i>Chromosoma</i> , 2015, 124, 235-247.	1.0	14
22	Comparative Study of the Bush Dog (<i>Speothos venaticus</i>) Karyotype and Analysis of Satellite DNA Sequences and Their Chromosome Distribution in Six Species of Canidae. <i>Cytogenetic and Genome Research</i> , 2019, 159, 88-96.	0.6	13
23	Sperm and embryo analysis of similar t(7;10) translocations transmitted in two families. <i>Fertility and Sterility</i> , 2011, 96, e66-e70.	0.5	12
24	Prevalence and prognostic value of c-kit and TP53 mutations in canine mast cell tumours. <i>Veterinary Journal</i> , 2019, 247, 71-74.	0.6	11
25	Recurrent gene mutations detected in canine mast cell tumours by next generation sequencing. <i>Veterinary and Comparative Oncology</i> , 2020, 18, 509-518.	0.8	11
26	Impact of Robertsonian translocation on meiosis and reproduction: an impala (<i>Aepyceros melampus</i>) model. <i>Journal of Applied Genetics</i> , 2014, 55, 249-258.	1.0	9
27	Satellite DNA in Neotropical Deer Species. <i>Genes</i> , 2021, 12, 123.	1.0	8
28	Semen quality and sperm DNA integrity in city policemen exposed to polluted air in an urban industrial agglomeration. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 237, 113835.	2.1	8
29	Comprehensive meiotic segregation analysis of a 4-breakpoint t(1;3;6) complex chromosome rearrangement using single sperm array comparative genomic hybridization and FISH. <i>Reproductive BioMedicine Online</i> , 2014, 29, 499-508.	1.1	7
30	A rare Robertsonian translocation rob(14;22) carrier with azoospermia, meiotic defects, and testicular sperm aneuploidy. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 245-250.	1.0	7
31	Effect of species-specific differences in chromosome morphology on chromatin compaction and the frequency and distribution of RAD51 and MLH1 foci in two bovid species: cattle (<i>Bos taurus</i>) and the common eland (<i>Taurotragus oryx</i>). <i>Chromosoma</i> , 2016, 125, 137-149.	1.0	7
32	Mutation and methylation status of <i>KIT</i> and <i>TP53</i> in canine cutaneous and subcutaneous mast cell tumours. <i>Veterinary and Comparative Oncology</i> , 2020, 18, 438-444.	0.8	7
33	Satellite DNA Sequences in Canidae and Their Chromosome Distribution in Dog and Red Fox. <i>Cytogenetic and Genome Research</i> , 2016, 150, 118-127.	0.6	6
34	The effects of age on DNA fragmentation, the condensation of chromatin and conventional semen parameters in healthy nonsmoking men exposed to traffic air pollution. <i>Health Science Reports</i> , 2021, 4, e260.	0.6	6
35	Sperm meiotic segregation, aneuploidy and high risk of delivering an affected offspring in carriers of non-Robertsonian translocation t(13;15). <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 693-698.	1.2	5
36	Association between sperm mitochondrial DNA copy number and deletion rate and industrial air pollution dynamics. <i>Scientific Reports</i> , 2022, 12, 8324.	1.6	5

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37	Sperm meiotic segregation and aneuploidy in a 46,X,inv(Y),t(10;15) carrier: case report. <i>Fertility and Sterility</i> , 2009, 92, 1748.e9-1748.e13.	0.5	4
38	Sequence Analysis and FISH Mapping of Four Satellite DNA Families among Cervidae. <i>Genes</i> , 2020, 11, 584.	1.0	4
39	Revalidation of <i>Mazama rufa</i> (Illiger 1815) (Artiodactyla: Cervidae) as a Distinct Species out of the Complex <i>Mazama americana</i> (Erleben 1777). <i>Frontiers in Genetics</i> , 2021, 12, 742870.	1.1	4
40	Chromosomal evolution in <i>Raphicerus antelope</i> suggests divergent X chromosomes may drive speciation through females, rather than males, contrary to Haldane's rule. <i>Scientific Reports</i> , 2021, 11, 3152.	1.6	3
41	der(4)t(Y;4): Three-generation transmission and sperm meiotic segregation analysis. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 1157-1161.	0.7	2
42	Sperm and testicular measurements and sperm cryopreservation in the giraffe (<i>Giraffa</i>). <i>European Journal of Wildlife Research</i> , 2019, 65, 1.	0.7	2
43	Structural and copy number chromosome abnormalities in canine cutaneous mast cell tumours. <i>Journal of Applied Genetics</i> , 2019, 60, 63-70.	1.0	2
44	Sperm chromosome segregation of rob(4;16) and rob(4;16)inv(4) in the brown brocket deer (<i>Mazama</i>) Tj ETQq0 0,0 rgBT /Oyerlock 10	0.9	2
45	Effects of the air pollution dynamics on semen quality and sperm DNA methylation in men living in urban industrial agglomeration. <i>Environmental and Molecular Mutagenesis</i> , 2022, 63, 76-83.	0.9	2
46	Assignment of bovine submaxillary mucin (BSM1) gene homologues to bubaline, caprine, and ovine chromosomes by comparative mapping. <i>Cytogenetic and Genome Research</i> , 2003, 103, 203E-203E.	0.6	1
47	Meiotic Recombination in the Giraffe (<i>G. reticulata</i>). <i>Cytogenetic and Genome Research</i> , 2017, 152, 73-80.	0.6	1
48	Anchoring the CerEla1.0 Genome Assembly to Red Deer (<i>Cervus elaphus</i>) and Cattle (<i>Bos taurus</i>) Chromosomes and Specification of Evolutionary Chromosome Rearrangements in Cervidae. <i>Animals</i> , 2021, 11, 2614.	1.0	1
49	Mapping of the oncogene c-myc (MYC) and the breast cancer susceptibility gene (BRCA2) in the pig by FISH. <i>Animal Genetics</i> , 2000, 31, 154-154.	0.6	1
50	Different chromosome damage in lymphocytes of newly diagnosed gastrointestinal and breast cancer patients. <i>Neoplasma</i> , 2020, 67, 668-676.	0.7	1
51	Sex determining region Y (SRY) sequencing and non-invasive molecular sexing in three wild species: brown (<i>Parahyaena brunnea</i>) and spotted (<i>Crocuta crocuta</i>) hyenas and aardvark (<i>Orycteropus afer</i>). <i>Reproduction, Fertility and Development</i> , 2019, 31, 1419.	0.1	0