

Marek Switonski

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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.

187 papers	2,281 citations	21 h-index	34 g-index
201 ext. papers	2,566 ext. citations	2.4 avg, IF	4.77 L-index

#	Paper	IF	Citations
187	Cytogenetic screening of livestock populations in Europe: an overview. <i>Cytogenetic and Genome Research</i> , 2008 , 120, 26-41	1.9	96
186	Efficient production of multi-modified pigs for xenotransplantation by QcombineeringQgene stacking and gene editing. <i>Scientific Reports</i> , 2016 , 6, 29081	4.9	89
185	Report on the progress of standardization of the G-banded canine (<i>Canis familiaris</i>) karyotype. Committee for the Standardized Karyotype of the Dog (<i>Canis familiaris</i>). <i>Chromosome Research</i> , 1996 , 4, 306-9	4.4	85
184	Genetics of fat tissue accumulation in pigs: a comparative approach. <i>Journal of Applied Genetics</i> , 2010 , 51, 153-68	2.5	74
183	A novel mutation in the maternally imprinted PEG3 domain results in a loss of MIMT1 expression and causes abortions and stillbirths in cattle (<i>Bos taurus</i>). <i>PLoS ONE</i> , 2010 , 5, e15116	3.7	51
182	Family of melanocortin receptor (MCR) genes in mammals-mutations, polymorphisms and phenotypic effects. <i>Journal of Applied Genetics</i> , 2013 , 54, 461-72	2.5	48
181	Novel higher-order epigenetic regulation of the Bdnf gene upon seizures. <i>Journal of Neuroscience</i> , 2013 , 33, 2507-11	6.6	45
180	An effect of a missense mutation in the porcine melanocortin-4 receptor (MC4R) gene on production traits in Polish pig breeds is doubtful. <i>Animal Genetics</i> , 2006 , 37, 55-7	2.5	42
179	Hypospadias in a male (78,XY; SRY-positive) dog and sex reversal female (78,XX; SRY-negative) dogs: clinical, histological and genetic studies. <i>Sexual Development</i> , 2012 , 6, 128-34	1.6	33
178	A sporadic case of the sex-reversed mare (64,XY; SRY-negative): molecular and cytogenetic studies of the Y chromosome. <i>Theriogenology</i> , 2003 , 59, 1597-603	2.8	32
177	Missense mutations in exon 4 of the porcine LEPR gene encoding extracellular domain and their association with fatness traits. <i>Animal Genetics</i> , 2005 , 36, 135-7	2.5	32
176	Chromosome abnormalities in secondary pig oocytes matured in vitro. <i>Theriogenology</i> , 2003 , 60, 571-81	2.8	28
175	The ACACA and SREBF1 genes are promising markers for pig carcass and performance traits, but not for fatty acid content in the longissimus dorsi muscle and adipose tissue. <i>Meat Science</i> , 2013 , 95, 64-71	6.4	27
174	Studies of synaptonemal complexes in farm mammals--a review. <i>Journal of Heredity</i> , 1998 , 89, 473-80	2.4	27
173	The dog genome map and its use in mammalian comparative genomics. <i>Journal of Applied Genetics</i> , 2004 , 45, 195-214	2.5	27
172	Dog as a model in studies on human hereditary diseases and their gene therapy. <i>Reproductive Biology</i> , 2014 , 14, 44-50	2.3	26
171	Polymorphism and chromosomal location of the MC4R (melanocortin-4 receptor) gene in the dog and red fox. <i>Gene</i> , 2007 , 392, 247-52	3.8	25

170	Short communication: effect of leptin gene polymorphisms on breeding value for milk production traits. <i>Journal of Dairy Science</i> , 2004 , 87, 3925-7	4	25
169	The incidence of bovine diploid oocytes matured in vitro. <i>Theriogenology</i> , 1996 , 46, 267-77	2.8	25
168	The nature of the 1;29 translocation in cattle as revealed by synaptonemal complex analysis using electron microscopy. <i>Cytogenetic and Genome Research</i> , 1987 , 44, 103-11	1.9	22
167	Confirmation that a deletion in the POMC gene is associated with body weight of Labrador Retriever dogs. <i>Research in Veterinary Science</i> , 2017 , 112, 116-118	2.5	21
166	B chromosomes of the Chinese raccoon dog (<i>Nyctereutes procyonoides procyonoides</i> Gray) contain inactive NOR-like sequences. <i>Caryologia</i> , 2003 , 56, 213-216		21
165	SNPs in the porcine PPARGC1a gene: interbreed differences and their phenotypic effects. <i>Cellular and Molecular Biology Letters</i> , 2007 , 12, 231-9	8.1	20
164	Lack of the SOX9 gene polymorphism in sex reversal dogs (78,XX; SRY negative). <i>Journal of Heredity</i> , 2005 , 96, 797-802	2.4	20
163	Genetics of Adiposity in Large Animal Models for Human Obesity-Studies on Pigs and Dogs. <i>Progress in Molecular Biology and Translational Science</i> , 2016 , 140, 233-70	4	20
162	Ectopic KIT copy number variation underlies impaired migration of primordial germ cells associated with gonadal hypoplasia in cattle (<i>Bos taurus</i>). <i>PLoS ONE</i> , 2013 , 8, e75659	3.7	19
161	Chromosomal localization of 13 candidate genes for human obesity in the pig genome. <i>Journal of Applied Genetics</i> , 2008 , 49, 373-7	2.5	19
160	Chromosome identification and assignment of DNA clones in the dog using a red fox and dog comparative map. <i>Chromosome Research</i> , 2000 , 8, 93-100	4.4	19
159	Polymorphism in 3Q untranslated region of the pig PPARA gene influences its transcript level and is associated with adipose tissue accumulation. <i>Journal of Animal Science</i> , 2014 , 92, 2363-71	0.7	18
158	Copy number variation in the region harboring SOX9 gene in dogs with testicular/ovotesticular disorder of sex development (78,XX; SRY-negative). <i>Scientific Reports</i> , 2015 , 5, 14696	4.9	18
157	Robertsonian translocation in a sex reversal dog (XX, SRY negative) may indicate that the causative mutation for this intersexuality syndrome resides on canine chromosome 23 (CFA23). <i>Sexual Development</i> , 2011 , 5, 141-6	1.6	18
156	Normal male chromosome complement and a lack of the SRY and SOX9 gene mutations in a male pseudohermaphrodite dog. <i>Animal Reproduction Science</i> , 2007 , 98, 371-6	2.1	18
155	No major effect of the leptin gene polymorphism on porcine production traits. <i>Journal of Animal Breeding and Genetics</i> , 2004 , 121, 149-155	2.9	18
154	Sex reversal syndrome (64,XY; SRY-positive) in a mare demonstrating masculine behaviour. <i>Journal of Animal Breeding and Genetics</i> , 2005 , 122 Suppl 1, 60-3	2.9	18
153	Growth hormone gene polymorphism and reproductive performance of AI bulls. <i>Theriogenology</i> , 1999 , 52, 1145-52	2.8	18

152	Banding studies and synaptonemal complex analysis of an X-autosome translocation in the domestic pig. <i>Cytogenetic and Genome Research</i> , 1989 , 50, 188-94	1.9	18
151	Dog obesity--the need for identifying predisposing genetic markers. <i>Research in Veterinary Science</i> , 2013 , 95, 831-6	2.5	17
150	Chromosome banding studies and synaptonemal complex analyses of four reciprocal translocations in the domestic pig. <i>Hereditas</i> , 1988 , 109, 169-84	2.4	17
149	Identification of a new reciprocal translocation in an AI bull by synaptonemal complex analysis, followed by chromosome painting. <i>Cytogenetic and Genome Research</i> , 2008 , 121, 245-8	1.9	17
148	Synaptonemal Complex Analysis of Spermatocytes in Hybrids of Silver Fox and Blue Fox. <i>Journal of Heredity</i> , 1988 , 79, 338-343	2.4	17
147	Polymorphism of the porcine leptin gene promoter and analysis of its association with gene expression and fatness traits. <i>Biochemical Genetics</i> , 2007 , 45, 245-53	2.4	16
146	G/Q-banded chromosome nomenclature of the Chinese raccoon dog, <i>Nyctereutes procyonoides</i> procyonoides Gray. <i>Hereditas</i> , 2002 , 137, 75-8	2.4	16
145	Pig fatness in relation to FASN and INSIG2 genes polymorphism and their transcript level. <i>Molecular Biology Reports</i> , 2016 , 43, 381-9	2.8	16
144	The first case of 38,XX (SRY-positive) disorder of sex development in a cat. <i>Molecular Cytogenetics</i> , 2015 , 8, 22	2	15
143	Comparative genomics of 3 farm canids in relation to the dog. <i>Cytogenetic and Genome Research</i> , 2009 , 126, 86-96	1.9	15
142	Analysis of population differentiation in North Eurasian cattle (<i>Bos taurus</i>) using single nucleotide polymorphisms in three genes associated with production traits. <i>Animal Genetics</i> , 2006 , 37, 390-2	2.5	15
141	Porcine familial adenomatous polyposis model enables systematic analysis of early events in adenoma progression. <i>Scientific Reports</i> , 2017 , 7, 6613	4.9	14
140	Transcript abundance of the pig stearoyl-CoA desaturase gene has no effect on fatty acid composition in muscle and fat tissues, but its polymorphism within the putative microRNA target site is associated with daily body weight gain and feed conversion ratio. <i>Journal of Animal Science</i> , 2013 , 91, 10-9	0.7	14
139	Polymorphisms in 5Qflanking regions of genes encoding adiponectin, leptin, and resistin are not associated with obesity of Polish children and adolescents. <i>Molecular Biology Reports</i> , 2011 , 38, 1793-8	2.8	14
138	Nonmosaic X trisomy, detected by chromosome painting, in an infertile mare. <i>Equine Veterinary Journal</i> , 2003 , 35, 209-10	2.4	14
137	Cytogenetic mapping of DGAT1, PPARA, ADIPOR1 and CREB genes in the pig. <i>Journal of Applied Genetics</i> , 2007 , 48, 73-6	2.5	14
136	Association of a new SNP in promoter region of the porcine FABP3 gene with fatness traits in a polish synthetic line. <i>Animal Biotechnology</i> , 2007 , 18, 37-44	1.4	14
135	Synaptonemal complex analysis of an autosomal trisomy in the horse. <i>Cytogenetic and Genome Research</i> , 1992 , 61, 202-7	1.9	14

134	Association between polymorphisms in the SOX9 region and canine disorder of sex development (78,XX; SRY-negative) revisited in a multibreed case-control study. <i>PLoS ONE</i> , 2019 , 14, e0218565	3.7	13
133	Transcript level of the porcine ME1 gene is affected by SNP in its 3'UTR, which is also associated with subcutaneous fat thickness. <i>Journal of Animal Breeding and Genetics</i> , 2014 , 131, 271-8	2.9	13
132	Polymorphisms in the SOX9 region and testicular disorder of sex development (38,XX; SRY-negative) in pigs. <i>Livestock Science</i> , 2017 , 203, 48-53	1.7	13
131	Association studies on the porcine RETN, UCP1, UCP3 and ADRB3 genes polymorphism with fatness traits. <i>Meat Science</i> , 2009 , 83, 551-4	6.4	13
130	A Rare Case of Testicular Disorder of Sex Development in a Dog (78,XX; SRY-Negative) with Male External Genitalia and Detection of Copy Number Variation in the Region Upstream of the SOX9 Gene. <i>Sexual Development</i> , 2016 , 10, 74-8	1.6	13
129	Testicular disorder of sex development in four cats with a male karyotype (38,XY; SRY-positive). <i>Animal Reproduction Science</i> , 2014 , 151, 42-8	2.1	12
128	A case of leucocyte chimerism (78,XX/78,XY) in a dog with a disorder of sexual development. <i>Reproduction in Domestic Animals</i> , 2014 , 49, e31-4	1.6	12
127	Association of MC3R gene polymorphisms with body weight in the red fox and comparative gene organization in four canids. <i>Animal Genetics</i> , 2011 , 42, 104-7	2.5	12
126	Missense mutations and polymorphisms of the MC4R gene in Polish obese children and adolescents in relation to the relative body mass index. <i>Journal of Applied Genetics</i> , 2011 , 52, 319-23	2.5	12
125	Cytogenetic mapping of eight genes encoding fatty acid binding proteins (FABPs) in the pig genome. <i>Cytogenetic and Genome Research</i> , 2007 , 118, 63-6	1.9	12
124	Mutation in the Sp1 motif of the bovine leptin gene affects its expression. <i>Mammalian Genome</i> , 2006 , 17, 77-82	3.2	12
123	X trisomy in an infertile bitch: cytogenetic, anatomic, and histologic studies. <i>Journal of Heredity</i> , 2000 , 91, 149-50	2.4	12
122	Sequence analysis of three canine adipokine genes revealed an association between TNF polymorphisms and obesity in Labrador dogs. <i>Animal Genetics</i> , 2016 , 47, 245-9	2.5	12
121	Effect of three common SNPs in 5'flanking region of LEP and ADIPOQ genes on their expression in Polish obese children and adolescents. <i>Molecular Biology Reports</i> , 2012 , 39, 3951-5	2.8	11
120	Gene expression and protein distribution of leptin and its receptor in bovine oocytes and preattachment embryos produced in vitro. <i>Animal</i> , 2009 , 3, 568-78	3.1	11
119	Comparative chromosomal localization of the canine-derived BAC clones containing LEP and IGF1 genes in four species of the family Canidae. <i>Cytogenetic and Genome Research</i> , 2003 , 102, 264-6	1.9	11
118	Synaptonemal complex analysis in primary spermatocytes of cattle x zebu hybrids (<i>Bos taurus</i> x <i>Bos indicus</i>). <i>Journal of Animal Breeding and Genetics</i> , 1990 , 107, 229-238	2.9	11
117	Altered microRNA profiles during early colon adenoma progression in a porcine model of familial adenomatous polyposis. <i>Oncotarget</i> , 2017 , 8, 96154-96160	3.3	11

116	Polymorphism of intronic microsatellites in the A-FABP and LEPR genes and its association with productive traits in the pig. <i>Journal of Animal and Feed Sciences</i> , 2004 , 13, 615-624	1.5	11
115	Assignment of the canine microsatellite CanBern1 to canine chromosome 13q21. <i>Animal Genetics</i> , 1997 , 28, 156-7	2.5	11
114	The highly polymorphic canine microsatellite ZuBeCa6 is localized on canine chromosome 5q12-q13. <i>Animal Genetics</i> , 1998 , 29, 466-7	2.5	11
113	Polymorphisms of MAMLD1, SRD5A2, and AR Candidate Genes in Seven Dogs (78,XY; SRY-Positive) Affected by Hypospadias or Cryptorchidism. <i>Sexual Development</i> , 2019 , 13, 92-98	1.6	10
112	Hypospadias Is Not Rare in Dogs: Five New Cases, a Retrospective Study, and a Review of the Literature. <i>Sexual Development</i> , 2018 ,	1.6	10
111	Common polymorphism (81Val>Ile) and rare mutations (257Arg>Ser and 335Ile>Ser) of the MC3R gene in obese Polish children and adolescents. <i>Molecular Biology Reports</i> , 2013 , 40, 6893-8	2.8	10
110	Missense polymorphisms in the MC1R gene of the dog, red fox, arctic fox and Chinese raccoon dog. <i>Journal of Animal Breeding and Genetics</i> , 2013 , 130, 136-41	2.9	10
109	Germline gene polymorphisms predisposing domestic mammals to carcinogenesis. <i>Veterinary and Comparative Oncology</i> , 2017 , 15, 289-298	2.5	10
108	The pig CART (cocaine- and amphetamine-regulated transcript) gene and association of its microsatellite polymorphism with production traits. <i>Journal of Animal Breeding and Genetics</i> , 2009 , 126, 37-42	2.9	10
107	An InDel polymorphism in exon 6 of IGF2 associated with the breeding value of Polish Holstein-Friesian bulls. <i>Biochemical Genetics</i> , 2007 , 45, 139-43	2.4	10
106	Polymelia associated with frequent chromosome breaks in a heifer. <i>Veterinary Record</i> , 2007 , 161, 276-7	0.9	10
105	Evidence on hereditary occurrence of placental anastomoses in heterosexual twins in sheep. <i>Hereditas</i> , 1996 , 124, 107-10	2.4	10
104	High frequency of M307a mutation at FUT1 locus, causing resistance to oedema disease, in an autochthonous polish pig breed, the zlotnicka spotted. <i>Journal of Animal Breeding and Genetics</i> , 1999 , 116, 519-524	2.9	10
103	The fatty acid composition of the Longissimus dorsi muscle, subcutaneous and visceral fats differ in four commercial pig breeds. <i>Journal of Animal and Feed Sciences</i> , 2012 , 21, 661-676	1.5	10
102	Deep sequencing of a candidate region harboring the SOX9 gene for the canine XX disorder of sex development. <i>Animal Genetics</i> , 2017 , 48, 330-337	2.5	9
101	X monosomy in a virilized female cat. <i>Reproduction in Domestic Animals</i> , 2015 , 50, 344-348	1.6	9
100	A lack of association between polymorphisms of three positional candidate genes (CLASP2, UBP1, and FBXL2) and canine disorder of sexual development (78,XX; SRY-negative). <i>Sexual Development</i> , 2014 , 8, 160-5	1.6	9
99	A high incidence of leukocyte chimerism (60,XX/60,XY) in single born heifers culled due to underdevelopment of internal reproductive tracts. <i>Czech Journal of Animal Science</i> , 2014 , 59, 445-449	1.1	9

98	Polymorphism of genes encoding cytokines IL6 and TNF is associated with pig fatness. <i>Livestock Science</i> , 2011 , 136, 150-156	1.7	9
97	Variability of CAG tandem repeats in exon 1 of the androgen receptor gene is not related with dog intersexuality. <i>Animal Reproduction Science</i> , 2010 , 117, 308-13	2.1	9
96	Two cases of infertile bitches with 78,XX/77,X mosaic karyotype: a need for cytogenetic evaluation of dogs with reproductive disorders. <i>Journal of Heredity</i> , 2003 , 94, 65-8	2.4	9
95	Cytogenetic evaluation of in vitro matured bovine oocytes collected from ovaries of individual donors. <i>Theriogenology</i> , 1996 , 45, 865-72	2.8	9
94	Chromosome Abnormalities in Domestic Animals as Causes of Disorders of Sex Development or Impaired Fertility 2016 ,		9
93	Disorders of Sex Development Are an Emerging Problem in French Bulldogs: A Description of Six New Cases and a Review of the Literature. <i>Sexual Development</i> , 2019 , 13, 205-211	1.6	9
92	Sertoli Cell Tumour and Uterine Leiomyoma in Miniature Schnauzer Dogs with Persistent Müllerian Duct Syndrome Caused by Mutation in the AMHR2 Gene. <i>Journal of Comparative Pathology</i> , 2018 , 161, 20-24	1	9
91	Disorders of sex development in cats with different complements of sex chromosomes. <i>Reproduction in Domestic Animals</i> , 2018 , 53, 1317-1322	1.6	8
90	Non-CpG hypermethylation in placenta of mutation-induced intrauterine growth restricted bovine fetuses. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 444, 391-4	3.4	8
89	SNP in the 5' flanking region of the pig FTO gene is associated with fatness in Polish Landrace. <i>Livestock Science</i> , 2012 , 150, 397-400	1.7	8
88	Two candidate genes (FTO and INSIG2) for fat accumulation in four canids: chromosome mapping, gene polymorphisms and association studies of body and skin weight of red foxes. <i>Cytogenetic and Genome Research</i> , 2011 , 135, 25-32	1.9	8
87	Aneuploidy in bovine oocytes matured in vitro. <i>Chromosome Research</i> , 1998 , 6, 504-6	4.4	8
86	Characterization and mapping of canine microsatellites isolated from BAC clones harbouring DNA sequences homologous to seven human genes. <i>Animal Genetics</i> , 2004 , 35, 404-7	2.5	8
85	Familial occurrence of pig intersexes (38,XX; SRY-negative) on a commercial fattening farm. <i>Animal Reproduction Science</i> , 2002 , 69, 117-24	2.1	8
84	GH and CSN3 gene polymorphisms and their impact on milk traits in cattle. <i>Journal of Animal and Feed Sciences</i> , 2002 , 11, 39-45	1.5	8
83	Elevated incidence of freemartinism in pigs detected by droplet digital PCR and cytogenetic techniques. <i>Livestock Science</i> , 2019 , 219, 52-56	1.7	8
82	Assignment of the canine microsatellite ZuBeCa1 to canine chromosome 10q22-q24. <i>Animal Genetics</i> , 1998 , 29, 398	2.5	8
81	Polymorphisms in the promoter region of the adiponectin (ADIPOQ) gene are presumably associated with transcription level and carcass traits in pigs. <i>Animal Genetics</i> , 2013 , 44, 340-3	2.5	7

80	Partial urorectal septum malformation sequence in a kitten with disorder of sexual development. <i>Journal of Feline Medicine and Surgery</i> , 2014 , 16, 1016-9	2.3	7
79	A high incidence of adjacent-1 meiotic segregation pattern, revealed by multicolor sperm FISH, in a carrier boar of a new reciprocal translocation t(6;16)(p13;q23). <i>Cytogenetic and Genome Research</i> , 2014 , 142, 21-7	1.9	7
78	A case of Y-autosome reciprocal translocation in a Holstein-Friesian bull. <i>Cytogenetic and Genome Research</i> , 2011 , 132, 22-5	1.9	7
77	First identification of reciprocal translocations in Polish pigs. <i>Journal of Animal Breeding and Genetics</i> , 1997 , 114, 69-78	2.9	7
76	Chromosome instability in a calf with amelia of thoracic limbs. <i>Veterinary Pathology</i> , 2006 , 43, 789-92	2.8	7
75	Nucleotide sequence and variation of IGF2 gene exon 6 in <i>Bos taurus</i> and <i>Bos indicus</i> cattle. <i>Animal Biotechnology</i> , 2005 , 16, 203-8	1.4	7
74	Microsatellite polymorphism and genetic distances between the dog, red fox and arctic fox. <i>Journal of Animal Breeding and Genetics</i> , 2003 , 120, 88-94	2.9	7
73	Development of a cytogenetic map for the Chinese raccoon dog (<i>Nyctereutes procyonoides</i>) and the arctic fox (<i>Alopex lagopus</i>) genomes, using canine-derived microsatellite probes. <i>Cytogenetic and Genome Research</i> , 2003 , 102, 267-71	1.9	7
72	Centric-fusion translocation and whole-arm heterochromatin in the karyotype of the blue fox (<i>Alopex lagopus</i> L.): synaptonemal complex analysis. <i>Cytogenetic and Genome Research</i> , 1991 , 57, 1-8	1.9	7
71	A pericentric inversion in an X chromosome in the cow. <i>Journal of Heredity</i> , 1987 , 78, 58-9	2.4	7
70	Application of droplet digital PCR in diagnosing of X monosomy in mares. <i>Equine Veterinary Journal</i> , 2020 , 52, 627-631	2.4	7
69	Use of RAPD technique in evolution studies of four species in the family Canidae. <i>Journal of Applied Genetics</i> , 2002 , 43, 489-99	2.5	7
68	Analysis of testosterone pathway genes in dogs (78,XY; SRY-positive) with ambiguous external genitalia revealed a homozygous animal for 2-bp deletion causing premature stop codon in HSD17B3. <i>Animal Genetics</i> , 2019 , 50, 705-711	2.5	6
67	Chromosomal assignment of two putative canine keratin gene clusters. <i>Animal Genetics</i> , 1998 , 29, 141-3	2.5	6
66	FISH mapping of 10 canine BAC clones harbouring genes and microsatellites in the arctic fox and the Chinese raccoon dog genomes. <i>Journal of Animal Breeding and Genetics</i> , 2006 , 123, 337-42	2.9	6
65	Identification of two polymorphic microsatellites in a canine BAC clone harbouring a putative canine MAOA gene. <i>Animal Genetics</i> , 2004 , 35, 75-6	2.5	6
64	Linkage of the canine-derived microsatellites in the red fox (<i>Vulpes vulpes</i>) and arctic fox (<i>Alopex lagopus</i>) genomes. <i>Hereditas</i> , 2002 , 137, 234-236	2.4	6
63	Canine-derived cosmid probes containing microsatellites can be used in physical mapping of Arctic fox (<i>Alopex lagopus</i>) and Chinese raccoon dog (<i>Nyctereutes procyonoides procyonoides</i>) genomes. <i>Journal of Heredity</i> , 2003 , 94, 89-93	2.4	6

62	Paracentric inversion involving NOR of chromosome 8 in a boar: studies of synaptonemal complexes under a light microscope. <i>Genetics Selection Evolution</i> , 1991 , 23, 181	4.9	6
61	Technical note: Droplet digital PCR as a new molecular method for a simple and reliable diagnosis of freemartinism in cattle. <i>Journal of Dairy Science</i> , 2019 , 102, 10100-10104	4	6
60	The highly polymorphic canine microsatellite ZuBeCa4 is localized on canine chromosome 3q15-q18. <i>Animal Genetics</i> , 1998 , 29, 403-4	2.5	6
59	Disorder of sex development in a cat with chromosome mosaicism 37,X/38,X,r(Y). <i>Reproduction in Domestic Animals</i> , 2017 , 52, 914-917	1.6	5
58	Novel polymorphisms in porcine 3QTR of the leptin gene, including a rare variant within target sequence for MIR-9 gene in Duroc breed, not associated with production traits. <i>Animal Biotechnology</i> , 2015 , 26, 156-63	1.4	5
57	Differentiated evolutionary conservatism and lack of polymorphism of crucial sex determination genes (SRY and SOX9) in four species of the family Canidae. <i>Folia Biologica</i> , 2009 , 57, 171-6	0.7	5
56	A comparison of coding sequence and cytogenetic localization of the myostatin gene in the dog, red fox, arctic fox and Chinese raccoon dog. <i>Cytogenetic and Genome Research</i> , 2009 , 126, 173-9	1.9	5
55	A comparative analysis of MC4R gene sequence, polymorphism, and chromosomal localization in Chinese raccoon dog and Arctic fox. <i>DNA and Cell Biology</i> , 2012 , 31, 732-8	3.6	5
54	Mapping and development of four microsatellite markers for the canine 5-hydroxytryptamine serotonin receptor 2A (HTR2A). <i>Animal Genetics</i> , 2005 , 36, 173-5	2.5	5
53	DogMap: an international collaboration toward a low-resolution canine genetic marker map. DogMap Consortium. <i>Journal of Heredity</i> , 1999 , 90, 3-6	2.4	5
52	Clinical Cytogenetics of the Dog: A Review. <i>Animals</i> , 2021 , 11,	3.1	5
51	Assignment of the canine microsatellite ZuBeCa5 to canine chromosome 19q7. <i>Animal Genetics</i> , 1998 , 29, 409-10	2.5	5
50	Methylation Patterns of SOX3, SOX9, and WNT4 Genes in Gonads of Dogs with XX (SRY-Negative) Disorder of Sexual Development. <i>Sexual Development</i> , 2017 , 11, 86-93	1.6	4
49	Polymorphic variants within a putative upstream open reading frame of the MC4R gene do not affect body weight of farmed red foxes. <i>Animal Genetics</i> , 2012 , 43, 480-1	2.5	4
48	Polymorphism of the porcine miR-30d is associated with adipose tissue accumulation, its fatty acid profile and the ME1 gene expression. <i>Livestock Science</i> , 2015 , 182, 54-57	1.7	4
47	Polymorphism of the CTNNB1 and FOXL2 Genes is not Associated with Canine XX Testicular/Ovotesticular Disorder of Sex Development. <i>Folia Biologica</i> , 2015 , 63, 57-62	0.7	4
46	Cytogenetic analysis of horse oocytes matured in vitro for different periods of time. <i>Reproduction, Nutrition, Development</i> , 1997 , 37, 63-8		4
45	Compound mosaicism, caused by B chromosome variability, in the Chinese raccoon dog (<i>Nyctereutes procyonoides procyonoides</i>). <i>Folia Biologica</i> , 2005 , 53, 155-9	0.7	4

44	Identification of target sequences for association studies - analysis of the pig FABP3 and FABP4 loci using comparative genomics methods. <i>Journal of Animal and Feed Sciences</i> , 2008 , 17, 191-201	1.5	4
43	Analysis of transcript and methylation levels of INSL3 and RXFP2 in undescended and descended dog testes suggested promising biomarkers associated with cryptorchidism. <i>Theriogenology</i> , 2020 , 157, 483-489	2.8	4
42	Congenital Malformations in a Holstein-Fresian Calf with a Unique Mosaic Karyotype: A Case Report. <i>Animals</i> , 2020 , 10,	3.1	4
41	Chromosome abnormalities in dogs with disorders of sex development (DSD). <i>Animal Reproduction Science</i> , 2021 , 230, 106771	2.1	4
40	Assignment of the canine microsatellite ZuBeCa3 to canine chromosome 9q21-q22. <i>Animal Genetics</i> , 1998 , 29, 326-7	2.5	4
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33	Assignment of the canine microsatellite CanBern6 to the canine chromosome group 22 to 38. <i>Animal Genetics</i> , 1997 , 28, 453-4	2.5	3
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31	Ectopic position of duplicated KIT gene in African Nguni cattle, associated with color sidedness, confirms its shared ancestry with the <i>Bos taurus</i> lineage. <i>Animal Genetics</i> , 2017 , 48, 122-123	2.5	2
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21	A note on comparison of exon 2 of the IGF-I gene in four species of the family Canidae. <i>Journal of Animal and Feed Sciences</i> , 2003 , 12, 859-864	1.5	2
20	FTO and IRX3 Genes are Not Promising Markers for Obesity in Labrador Retriever Dogs. <i>Annals of Animal Science</i> , 2019 , 19, 343-357	2	2
19	Genetic disorders of sex development in cats: An update. <i>Animal Reproduction Science</i> , 2020 , 216, 106353	3.1	2
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13	Study on the inheritance of the centric fusion in the blue fox, <i>Alopex lagopus</i> . <i>Genetica</i> , 1985 , 68, 65-68	1.5	1
12	Amorphus Globosus Foetuses in Polish Holstein Cattle: Anatomical, Histological, and Genetic Studies. <i>Journal of Veterinary Research (Poland)</i> , 2019 , 63, 391-398	1.8	1
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