

Marek Switonski

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.

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	Whole genome sequencing identifies a missense polymorphism in PADI6 associated with testicular/ovotesticular XX disorder of sex development in dogs. <i>Genomics</i> , 2022 , 114, 110389	4.3	0
186	The Case of Atypical Sexual Attractiveness in a Male Domestic Dog-A Case Study. <i>Animals</i> , 2021 , 11,	3.1	
185	Chromosome abnormalities in dogs with disorders of sex development (DSD). <i>Animal Reproduction Science</i> , 2021 , 230, 106771	2.1	4
184	Identification of aneuploidy in dogs screened by a SNP microarray. <i>Human Genetics</i> , 2021 , 140, 1619-1624.	4.3	1
183	A Disorder of Sex Development in a Holstein-Friesian Heifer with a Rare Mosaicism (60,XX/90,XXY): A Genetic, Anatomical, and Histological Study. <i>Animals</i> , 2021 , 11,	3.1	2
182	Clinical Cytogenetics of the Dog: A Review. <i>Animals</i> , 2021 , 11,	3.1	5
181	Impact of gene therapy for canine monogenic diseases on the progress of preclinical studies. <i>Journal of Applied Genetics</i> , 2020 , 61, 179-186	2.5	1
180	Polymorphism of the growth hormone gene GH1 in Polish children and adolescents with short stature. <i>Endocrine</i> , 2020 , 69, 157-164	4	2
179	Application of droplet digital PCR in diagnosing of X monosomy in mares. <i>Equine Veterinary Journal</i> , 2020 , 52, 627-631	2.4	7
178	Altered expression of CYP17A1 and CYP19A1 in undescended testes of dogs with unilateral cryptorchidism. <i>Animal Genetics</i> , 2020 , 51, 763-771	2.5	1
177	AMY2B Gene Copy-Number Variation Studied by Droplet Digital PCR (ddPCR) in Three Canids: Red Fox, Arctic Fox, and Chinese Raccoon Dog. <i>Folia Biologica</i> , 2020 , 68, 51-55	0.7	0
176	Screening for structural variants of four candidate genes in dogs with disorders of sex development revealed the first case of a large deletion in NR5A1. <i>Animal Reproduction Science</i> , 2020 , 223, 106632	2.1	1
175	Polymorphisms of CSF1R and WISP1 genes are associated with severity of familial adenomatous polyposis in APC pigs. <i>Gene</i> , 2020 , 759, 144988	3.8	1
174	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
173	Congenital Malformations in a Holstein-Fresian Calf with a Unique Mosaic Karyotype: A Case Report. <i>Animals</i> , 2020 , 10,	3.1	4
172	The expression of candidate gene, but not its polymorphism and methylation, is associated with colonic polyp formation in a porcine model of human familial adenomatous polyposis. <i>Animal Biotechnology</i> , 2020 , 31, 306-313	1.4	0
171	Genetic disorders of sex development in cats: An update. <i>Animal Reproduction Science</i> , 2020 , 216, 106353.	3.1	2

170	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
169	No association between AMY2B gene copy number and obesity risk in Labrador retriever dogs. <i>Animal Genetics</i> , 2019 , 50, 552-553	2.5	1
168	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
167	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
166	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
165	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
164	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
163	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
162	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
161	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
160	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
159	Elevated expression of p53 in early colon polyps in a pig model of human familial adenomatous polyposis. <i>Journal of Applied Genetics</i> , 2018 , 59, 485-491	2.5	3
158	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
157	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
156	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
155	Ectopic position of duplicated KIT gene in African Nguni cattle, associated with color sidedness, confirms its shared ancestry with the Bos taurus lineage. <i>Animal Genetics</i> , 2017 , 48, 122-123	2.5	2
154	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
153	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

152	Polymorphism and methylation of the MC4R gene in obese and non-obese dogs. <i>Molecular Biology Reports</i> , 2017 , 44, 333-339	2.8	2
151	Porcine familial adenomatous polyposis model enables systematic analysis of early events in adenoma progression. <i>Scientific Reports</i> , 2017 , 7, 6613	4.9	14
150	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
149	Germline gene polymorphisms predisposing domestic mammals to carcinogenesis. <i>Veterinary and Comparative Oncology</i> , 2017 , 15, 289-298	2.5	10
148	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
147	Penile hypoplasia and rudimentary prepuce in a dog (78,XY; SRY-positive): a case report. <i>Veterinarni Medicina</i> , 2016 , 61, 279-287	0.7	2
146	Efficient production of multi-modified pigs for xenotransplantation by QcombineeringQgene stacking and gene editing. <i>Scientific Reports</i> , 2016 , 6, 29081	4.9	89
145	Chromosome Abnormalities in Domestic Animals as Causes of Disorders of Sex Development or Impaired Fertility 2016 ,		9
144	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
143	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
142	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
141	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
140	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
139	X monosomy in a virilized female cat. <i>Reproduction in Domestic Animals</i> , 2015 , 50, 344-348	1.6	9
138	The first case of 38,XX (SRY-positive) disorder of sex development in a cat. <i>Molecular Cytogenetics</i> , 2015 , 8, 22	2	15
137	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
136	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
135	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

134	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
133	Polymorphism in 3' 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
132	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
131	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
130	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
129	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
128	A case of leukocyte 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	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
126	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
125	Congenital sternal ectopia cordis in a Limousin calf – a case report. <i>Acta Veterinaria Brno</i> , 2014 , 83, 51-54	0.8	3
124	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
123	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
122	Dog obesity—the need for identifying predisposing genetic markers. <i>Research in Veterinary Science</i> , 2013 , 95, 831-6	2.5	17
121	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
120	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
119	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
118	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
117	Novel higher-order epigenetic regulation of the Bdnf gene upon seizures. <i>Journal of Neuroscience</i> , 2013 , 33, 2507-11	6.6	45

116	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
115	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
114	Between-breed variation in frequency of five novel missense SNPs in porcine casein beta (CSN2) and casein kappa (CSN3) genes. <i>Animal Genetics</i> , 2012 , 43, 363-4	2.5	1
113	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
112	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
111	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
110	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
109	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
108	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
107	The ambiguity of freemartinism diagnosis in cattle revealed by cytogenetic and molecular techniques. <i>Czech Journal of Animal Science</i> , 2011 , 49, 239-243	1.1	3
106	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
105	Polymorphism of genes encoding cytokines IL6 and TNF is associated with pig fatness. <i>Livestock Science</i> , 2011 , 136, 150-156	1.7	9
104	Polymorphisms in 5' flanking 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
103	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
102	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
101	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
100	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
99	Postnatal transcription profile and polymorphism of the ADIPOR1 gene in five pig breeds. <i>Animal Genetics</i> , 2010 , 41, 97-100	2.5	3

98	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
97	Genetics of fat tissue accumulation in pigs: a comparative approach. <i>Journal of Applied Genetics</i> , 2010 , 51, 153-68	2.5	74
96	C-band polymorphism in the karyotype of the rabbit (<i>Oryctolagus cuniculus</i>)1. <i>Zeitschrift Fur Tierzucht Und Zuchtungsbiologie: Organ Der Reichsarbeitsgemeinschaft Tierzucht Im Forschungsdienst</i> , 2010 , 100, 390-400		
95	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
94	Comparative cytogenetic mapping of three genes involved in sex determination in four species of the family Canidae. <i>Journal of Animal and Feed Sciences</i> , 2010 , 19, 5-12	1.5	2
93	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
92	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
91	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
90	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
89	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
88	Comparative genomics of 3 farm canids in relation to the dog. <i>Cytogenetic and Genome Research</i> , 2009 , 126, 86-96	1.9	15
87	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
86	Cytogenetic screening of livestock populations in Europe: an overview. <i>Cytogenetic and Genome Research</i> , 2008 , 120, 26-41	1.9	96
85	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
84	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
83	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
82	Cytogenetic mapping of DGAT1, PPARG, ADIPOR1 and CREB genes in the pig. <i>Journal of Applied Genetics</i> , 2007 , 48, 73-6	2.5	14
81	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

80	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
79	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
78	Polymelia associated with frequent chromosome breaks in a heifer. <i>Veterinary Record</i> , 2007 , 161, 276-7	0.9	10
77	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
76	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
75	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
74	Chromosome instability in a calf with amelia of thoracic limbs. <i>Veterinary Pathology</i> , 2006 , 43, 789-92	2.8	7
73	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
72	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
71	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
70	Mutation in the Sp1 motif of the bovine leptin gene affects its expression. <i>Mammalian Genome</i> , 2006 , 17, 77-82	3.2	12
69	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
68	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
67	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
66	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
65	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
64	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
63	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

62	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
61	Seven bacterial artificial chromosome-derived canine microsatellite-linking physical and genetic maps. <i>Animal Genetics</i> , 2004 , 35, 252-3	2.5	2
60	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
59	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
58	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
57	The dog genome map and its use in mammalian comparative genomics. <i>Journal of Applied Genetics</i> , 2004 , 45, 195-214	2.5	27
56	Nonmosaic X trisomy, detected by chromosome painting, in an infertile mare. <i>Equine Veterinary Journal</i> , 2003 , 35, 209-10	2.4	14
55	Molecular evolution of the leptin exon 3 in some species of the family Canidae. <i>Genetics Selection Evolution</i> , 2003 , 35, 573-80	4.9	2
54	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
53	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
52	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
51	Chromosome abnormalities in secondary pig oocytes matured in vitro. <i>Theriogenology</i> , 2003 , 60, 571-81	2.8	28
50	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
49	FISH mapping of two putative keratin gene clusters on cat (<i>Felis catus</i>) chromosomes. <i>Journal of Heredity</i> , 2003 , 94, 107-10	2.4	2
48	Development of a cytogenetic map for the Chinese raccoon dog (<i>Nyctereutes procyonoides 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
47	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
46	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
45	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

44	Robertsonian translocation (8;14) in an infertile bitch (<i>Canis familiaris</i>). <i>Journal of Applied Genetics</i> , 2003 , 44, 525-7	2.5	3
43	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
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38	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
37	Cytogenetics and physical maps. 2001 , 299-328		1
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34	X trisomy in an infertile bitch: cytogenetic, anatomic, and histologic studies. <i>Journal of Heredity</i> , 2000 , 91, 149-50	2.4	12
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31	Growth hormone gene polymorphism and reproductive performance of AI bulls. <i>Theriogenology</i> , 1999 , 52, 1145-52	2.8	18
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26	Chromosomal localization and activity of nucleolar organizer regions in the dog (<i>Canis familiaris</i>). <i>Genetics Selection Evolution</i> , 1998 , 30, 79	4.9	2
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24	Assignment of the canine microsatellite ZuBeCa3 to canine chromosome 9q21-q22. <i>Animal Genetics</i> , 1998 , 29, 326-7	2.5	4
23	The highly polymorphic canine microsatellite ZuBeCa2 is localized on canine chromosome 1q210-q211. <i>Animal Genetics</i> , 1998 , 29, 329-30	2.5	2
22	The highly polymorphic canine microsatellite ZuBeCa4 is localized on canine chromosome 3q15-q18. <i>Animal Genetics</i> , 1998 , 29, 403-4	2.5	6
21	Assignment of the canine microsatellite ZuBeCa5 to canine chromosome 19q7. <i>Animal Genetics</i> , 1998 , 29, 409-10	2.5	5
20	Assignment of the canine microsatellite ZuBeCa1 to canine chromosome 10q22-q24. <i>Animal Genetics</i> , 1998 , 29, 398	2.5	8
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18	Cytogenetic analysis of horse oocytes matured in vitro for different periods of time. <i>Reproduction, Nutrition, Development</i> , 1997 , 37, 63-8		4
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13	Cytogenetic evaluation of in vitro matured bovine oocytes collected from ovaries of individual donors. <i>Theriogenology</i> , 1996 , 45, 865-72	2.8	9
12	The incidence of bovine diploid oocytes matured in vitro. <i>Theriogenology</i> , 1996 , 46, 267-77	2.8	25
11	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
10	Synaptonemal complex analysis of an autosomal trisomy in the horse. <i>Cytogenetic and Genome Research</i> , 1992 , 61, 202-7	1.9	14
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