

# Hannes Lohi

## List of Publications by Year in descending order

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Version: 2024-02-01

231  
papers

8,822  
citations

44069

48  
h-index

60623

81  
g-index

253  
all docs

253  
docs citations

253  
times ranked

9941  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age, breed, sex and diet influence serum metabolite profiles of 2000 pet dogs. Royal Society Open Science, 2022, 9, 211642.	2.4	13
2	Personality traits associate with behavioral problems in pet dogs. Translational Psychiatry, 2022, 12, 78.	4.8	5
3	Metabolomic serum abnormalities in dogs with hepatopathies: Congenital portosystemic shunts versus high liver enzyme activities. Tierärztliche Praxis Ausgabe K: Kleintiere - Heimtiere, 2022, 50, .	0.5	0
4	Metabolomic serum abnormalities in dogs with hepatopathies. Scientific Reports, 2022, 12, 5329.	3.3	6
5	Aggressiveness, ADHD-like behaviour, and environment influence repetitive behaviour in dogs. Scientific Reports, 2022, 12, 3520.	3.3	5
6	Seasonal variation in serum metabolites of northern European dogs. Journal of Veterinary Internal Medicine, 2022, 36, 190-195.	1.6	2
7	Metabolomic Abnormalities in Serum from Untreated and Treated Dogs with Hyper- and Hypoadrenocorticism. Metabolites, 2022, 12, 339.	2.9	2
8	Genetic epidemiology of blood type, disease and trait variants, and genome-wide genetic diversity in over 11,000 domestic cats. PLoS Genetics, 2022, 18, e1009804.	3.5	4
9	Validation of a Chromosome 14 Risk Haplotype for Idiopathic Epilepsy in the Belgian Shepherd Dog Found to Be Associated with an Insertion in the RAPGEF5 Gene. Genes, 2022, 13, 1124.	2.4	7
10	Canine reference genome accuracy impacts variant calling: Lessons learned from investigating embryonic lethal variants. Animal Genetics, 2022, 53, 706-708.	1.7	1
11	An across-breed validation study of 46 genetic markers in canine hip dysplasia. BMC Genomics, 2021, 22, 68.	2.8	7
12	Intronic variant in POU1F1 associated with canine pituitary dwarfism. Human Genetics, 2021, 140, 1553-1562.	3.8	4
13	A missense variant in IFT122 associated with a canine model of retinitis pigmentosa. Human Genetics, 2021, 140, 1569-1579.	3.8	4
14	Canine DVL2 variant contributes to brachycephalic phenotype and caudal vertebral anomalies. Human Genetics, 2021, 140, 1535-1545.	3.8	9
15	Mining the 99 Lives Cat Genome Sequencing Consortium database implicates genes and variants for the <i>Ticked</i> locus in domestic cats ( <i>FelisÂcatus</i> ). Animal Genetics, 2021, 52, 321-332.	1.7	9
16	A hypomyelinating leukodystrophy in German Shepherd dogs. Journal of Veterinary Internal Medicine, 2021, 35, 1455-1465.	1.6	4
17	Multi-omic analyses in Abyssinian cats with primary renal amyloid deposits. Scientific Reports, 2021, 11, 8339.	3.3	6
18	In-frame deletion in canine PITRM1 is associated with a severe early-onset epilepsy, mitochondrial dysfunction and neurodegeneration. Human Genetics, 2021, 140, 1593-1609.	3.8	9

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19	Reliability and Validity of a Dog Personality and Unwanted Behavior Survey. <i>Animals</i> , 2021, 11, 1234.	2.3	10
20	Missense variant in LOXHD1 is associated with canine nonsyndromic hearing loss. <i>Human Genetics</i> , 2021, 140, 1611-1618.	3.8	4
21	Clinical and Genetic Findings in 28 American Cocker Spaniels with Aural Ceruminous Gland Hyperplasia and Ectasia. <i>Journal of Comparative Pathology</i> , 2021, 185, 30-44.	0.4	2
22	Seizure frequency discrepancy between subjective and objective ictal electroencephalography data in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 1819-1825.	1.6	16
23	Aggressive behaviour is affected by demographic, environmental and behavioural factors in purebred dogs. <i>Scientific Reports</i> , 2021, 11, 9433.	3.3	27
24	Reliable wolf-dog hybrid detection in Europe using a reduced SNP panel developed for non-invasively collected samples. <i>BMC Genomics</i> , 2021, 22, 473.	2.8	13
25	Historical and social-cultural processes as drivers for genetic structure in Nordic domestic reindeer. <i>Ecology and Evolution</i> , 2021, 11, 8910-8922.	1.9	4
26	Serum NMR metabolomics uncovers multiple metabolic changes in phenobarbital-treated dogs. <i>Metabolomics</i> , 2021, 17, 54.	3.0	7
27	Improving the resolution of canine genome-wide association studies using genotype imputation: A study of two breeds. <i>Animal Genetics</i> , 2021, 52, 703-713.	1.7	5
28	Reliability and Validity of Seven Feline Behavior and Personality Traits. <i>Animals</i> , 2021, 11, 1991.	2.3	9
29	Whole Genome Sequencing Reveals Multiple Linked Genetic Variants on Canine Chromosome 12 Associated with Risk for Symmetrical Lupoid Onychodystrophy (SLO) in the Bearded Collie. <i>Genes</i> , 2021, 12, 1265.	2.4	2
30	A novel canine nuclear magnetic resonance spectroscopy-based metabolomics platform: Validation and sample handling. <i>Veterinary Clinical Pathology</i> , 2021, 50, 410-426.	0.7	14
31	Dog colour patterns explained by modular promoters of ancient canid origin. <i>Nature Ecology and Evolution</i> , 2021, 5, 1415-1423.	7.8	24
32	Canine hyperactivity, impulsivity, and inattention share similar demographic risk factors and behavioural comorbidities with human ADHD. <i>Translational Psychiatry</i> , 2021, 11, 501.	4.8	14
33	High serum creatinine concentration is associated with metabolic perturbations in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 405-414.	1.6	2
34	A Missense Variant in the Bardet-Biedl Syndrome 2 Gene (BBS2) Leads to a Novel Syndromic Retinal Degeneration in the Shetland Sheepdog. <i>Genes</i> , 2021, 12, 1771.	2.4	4
35	Generation of RNA sequencing libraries for transcriptome analysis of globin-rich tissues of the domestic dog. <i>STAR Protocols</i> , 2021, 2, 100995.	1.2	6
36	Ventricular arrhythmia and sudden cardiac death in young Leonbergers. <i>Journal of Veterinary Cardiology</i> , 2020, 27, 10-22.	0.9	6

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37	Altered Basal Autophagy Affects Extracellular Vesicle Release in Cells of Lagotto Romagnolo Dogs With a Variant <i>ATG4D</i> . <i>Veterinary Pathology</i> , 2020, 57, 926-935.	1.7	2
38	Genetic characterization of Addison's disease in Bearded Collies. <i>BMC Genomics</i> , 2020, 21, 833.	2.8	4
39	Effect of prior general anesthesia or sedation and antiseizure drugs on the diagnostic utility of wireless video electroencephalography in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 1967-1974.	1.6	12
40	Metabolome of canine and human saliva: a non-targeted metabolomics study. <i>Metabolomics</i> , 2020, 16, 90.	3.0	17
41	Active and social life is associated with lower non-social fearfulness in pet dogs. <i>Scientific Reports</i> , 2020, 10, 13774.	3.3	22
42	Simultaneous allergic traits in dogs and their owners are associated with living environment, lifestyle and microbial exposures. <i>Scientific Reports</i> , 2020, 10, 21954.	3.3	18
43	Assessment of databases to determine the validity of $\beta$ - and $\gamma$ -carbonic anhydrase sequences from vertebrates. <i>BMC Genomics</i> , 2020, 21, 352.	2.8	11
44	Mutations in the Kinesin-2 Motor KIF3B Cause an Autosomal-Dominant Ciliopathy. <i>American Journal of Human Genetics</i> , 2020, 106, 893-904.	6.2	29
45	A novel genomic region on chromosome 11 associated with fearfulness in dogs. <i>Translational Psychiatry</i> , 2020, 10, 169.	4.8	10
46	Recessive missense LAMP3 variant associated with defect in lamellar body biogenesis and fatal neonatal interstitial lung disease in dogs. <i>PLoS Genetics</i> , 2020, 16, e1008651.	3.5	8
47	A putative silencer variant in a spontaneous canine model of retinitis pigmentosa. <i>PLoS Genetics</i> , 2020, 16, e1008659.	3.5	9
48	Prevalence, comorbidity, and breed differences in canine anxiety in 13,700 Finnish pet dogs. <i>Scientific Reports</i> , 2020, 10, 2962.	3.3	81
49	webGQT: A Shiny Server for Genotype Query Tools for Model-Based Variant Filtering. <i>Frontiers in Genetics</i> , 2020, 11, 152.	2.3	10
50	Whole Genome Sequencing Indicates Heterogeneity of Hyperostotic Disorders in Dogs. <i>Genes</i> , 2020, 11, 163.	2.4	4
51	Inadequate socialisation, inactivity, and urban living environment are associated with social fearfulness in pet dogs. <i>Scientific Reports</i> , 2020, 10, 3527.	3.3	56
52	A Missense Variant Affecting the C-Terminal Tail of UNC93B1 in Dogs with Exfoliative Cutaneous Lupus Erythematosus (ECLE). <i>Genes</i> , 2020, 11, 159.	2.4	13
53	Genome wide association study of 40 clinical measurements in eight dog breeds. <i>Scientific Reports</i> , 2020, 10, 6520.	3.3	8
54	Characterisation of canine KCNIP4: A novel gene for cerebellar ataxia identified by whole-genome sequencing two affected Norwegian Buhund dogs. <i>PLoS Genetics</i> , 2020, 16, e1008527.	3.5	10

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55	Formal commentary. PLoS Genetics, 2020, 16, e1009059.	3.5	2
56	Novel protective and risk loci in hip dysplasia in German Shepherds. PLoS Genetics, 2019, 15, e1008197.	3.5	9
57	TSEN54 missense variant in Standard Schnauzers with leukodystrophy. PLoS Genetics, 2019, 15, e1008411.	3.5	9
58	A comprehensive biomedical variant catalogue based on whole genome sequences of 582 dogs and eight wolves. Animal Genetics, 2019, 50, 695-704.	1.7	138
59	Novel Locus Associated with Symmetrical Lupoid Onychodystrophy in the Bearded Collie. Genes, 2019, 10, 635.	2.4	1
60	NME5 frameshift variant in Alaskan Malamutes with primary ciliary dyskinesia. PLoS Genetics, 2019, 15, e1008378.	3.5	21
61	Breed-specific reference ranges for standard echocardiographic measurements in salukis. Journal of Small Animal Practice, 2019, 60, 374-378.	1.2	10
62	Two novel genomic regions associated with fearfulness in dogs overlap human neuropsychiatric loci. Translational Psychiatry, 2019, 9, 18.	4.8	30
63	Whole Genome Sequencing of Giant Schnauzer Dogs with Progressive Retinal Atrophy Establishes NECAP1 as a Novel Candidate Gene for Retinal Degeneration. Genes, 2019, 10, 385.	2.4	6
64	Thoracic high resolution CT using the modified VetMousetrap <sup>®</sup> device is a feasible method for diagnosing canine idiopathic pulmonary fibrosis in awake West Highland White Terriers. Veterinary Radiology and Ultrasound, 2019, 60, 525-532.	0.9	9
65	Breed differences of heritable behaviour traits in cats. Scientific Reports, 2019, 9, 7949.	3.3	33
66	Association between dog ownership and type 2 diabetes in later life: the Helsinki birth cohort study. International Journal of Circumpolar Health, 2019, 78, 1611328.	1.2	3
67	DLA class II risk haplotypes for autoimmune diseases in the bearded collie offer insight to autoimmunity signatures across dog breeds. Canine Genetics and Epidemiology, 2019, 6, 2.	2.8	15
68	Canine models of human amelogenesis imperfecta: identification of novel recessive ENAM and ACP4 variants. Human Genetics, 2019, 138, 525-533.	3.8	12
69	Dog10K: an international sequencing effort to advance studies of canine domestication, phenotypes and health. National Science Review, 2019, 6, 810-824.	9.5	65
70	A frameshift insertion in SGK3 leads to recessive hairlessness in Scottish Deerhounds: a candidate gene for human alopecia conditions. Human Genetics, 2019, 138, 535-539.	3.8	10
71	Genetic dissection of canine hip dysplasia phenotypes and osteoarthritis reveals three novel loci. BMC Genomics, 2019, 20, 1027.	2.8	13
72	A novel <i>KRT71</i> variant in curly-coated dogs. Animal Genetics, 2019, 50, 101-104.	1.7	16

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73	A homozygous missense variant in the alkaline phosphatase gene ALPL is associated with a severe form of canine hypophosphatasia. Scientific Reports, 2019, 9, 973.	3.3	11
74	TSEN54 missense variant in Standard Schnauzers with leukodystrophy. , 2019, 15, e1008411.		0
75	TSEN54 missense variant in Standard Schnauzers with leukodystrophy. , 2019, 15, e1008411.		0
76	TSEN54 missense variant in Standard Schnauzers with leukodystrophy. , 2019, 15, e1008411.		0
77	TSEN54 missense variant in Standard Schnauzers with leukodystrophy. , 2019, 15, e1008411.		0
78	Skin microbiota and allergic symptoms associate with exposure to environmental microbes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4897-4902.	7.1	51
79	Urban environment predisposes dogs and their owners to allergic symptoms. Scientific Reports, 2018, 8, 1585.	3.3	37
80	The Endo-Lysosomal System of Brain Endothelial Cells Is Influenced by Astrocytes In Vitro. Molecular Neurobiology, 2018, 55, 8522-8537.	4.0	11
81	Absence Seizures as a Feature of Juvenile Myoclonic Epilepsy in Rhodesian Ridgeback Dogs. Journal of Veterinary Internal Medicine, 2018, 32, 428-432.	1.6	16
82	Dog Ownership from a Life Course Perspective and Leisure-time Physical Activity in Late Adulthood: The Helsinki Birth Cohort Study. American Journal of Health Behavior, 2018, 42, 11-18.	1.4	5
83	First genome-wide CNV mapping in FELIS CATUS using next generation sequencing data. BMC Genomics, 2018, 19, 895.	2.8	16
84	Interbreed variation of biomarkers of lipid and glucose metabolism in dogs. Veterinary Clinical Pathology, 2018, 47, 582-588.	0.7	4
85	Fearful dogs have increased plasma glutamine and $\gamma$ -glutamyl glutamine. Scientific Reports, 2018, 8, 15976.	3.3	17
86	Maternal Inheritance of a Recessive RBP4 Defect in Canine Congenital Eye Disease. Cell Reports, 2018, 23, 2643-2652.	6.4	17
87	Two <i>MC1R</i> loss-of-function alleles in cream-coloured Australian Cattle Dogs and white Huskies. Animal Genetics, 2018, 49, 284-290.	1.7	24
88	Myotonia congenita in a Labrador Retriever with truncated CLCN1. Neuromuscular Disorders, 2018, 28, 597-605.	0.6	12
89	Assembly and Analysis of Unmapped Genome Sequence Reads Reveal Novel Sequence and Variation in Dogs. Scientific Reports, 2018, 8, 10862.	3.3	5
90	Applications and efficiencies of the first cat 63K DNA array. Scientific Reports, 2018, 8, 7024.	3.3	38

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91	Frequency and distribution of 152 genetic disease variants in over 100,000 mixed breed and purebred dogs. PLoS Genetics, 2018, 14, e1007361.	3.5	62
92	MKLN1 splicing defect in dogs with lethal acrodermatitis. PLoS Genetics, 2018, 14, e1007264.	3.5	26
93	Interbreed variation in serum serotonin (5-hydroxytryptamine) concentration in healthy dogs. Journal of Veterinary Cardiology, 2018, 20, 244-253.	0.9	16
94	FEELnc: a tool for long non-coding RNA annotation and its application to the dog transcriptome. Nucleic Acids Research, 2017, 45, gkw1306.	14.5	281
95	Deep sequencing of a candidate region harboring the <i>SOX9</i> gene for the canine disorder of sex development. Animal Genetics, 2017, 48, 330-337.	1.7	11
96	Generalized myoclonic epilepsy with photosensitivity in juvenile dogs caused by a defective DIRAS family GTPase 1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2669-2674.	7.1	39
97	Association study reveals novel risk loci for sporadic inclusion body myositis. European Journal of Neurology, 2017, 24, 572-577.	3.3	11
98	Early-Onset Progressive Retinal Atrophy Associated with an IQCB1 Variant in African Black-Footed Cats ( <i>Felis nigripes</i> ). Scientific Reports, 2017, 7, 43918.	3.3	22
99	A FAS-ligand variant associated with autoimmune lymphoproliferative syndrome in cats. Mammalian Genome, 2017, 28, 47-55.	2.2	17
100	Basal Autophagy Is Altered in Lagotto Romagnolo Dogs with an <i>ATG4D</i> Mutation. Veterinary Pathology, 2017, 54, 953-963.	1.7	16
101	Precision Medicine in Cats: Novel Niemann-Pick Type C1 Diagnosed by Whole-Genome Sequencing. Journal of Veterinary Internal Medicine, 2017, 31, 539-544.	1.6	30
102	Early weaning increases aggression and stereotypic behaviour in cats. Scientific Reports, 2017, 7, 10412.	3.3	33
103	Paroxysmal Dyskinesia in Border Terriers: Clinical, Epidemiological, and Genetic Investigations. Journal of Veterinary Internal Medicine, 2017, 31, 1123-1131.	1.6	10
104	Diagnostic Utility of Wireless Video-EEG in Unsedated Dogs. Journal of Veterinary Internal Medicine, 2017, 31, 1469-1476.	1.6	34
105	ADAM23 is a common risk gene for canine idiopathic epilepsy. BMC Genetics, 2017, 18, 8.	2.7	18
106	An intronic LINE-1 insertion in MERTK is strongly associated with retinopathy in Swedish Vallhund dogs. PLoS ONE, 2017, 12, e0183021.	2.5	10
107	Toxoplasma gondii seroprevalence varies by cat breed. PLoS ONE, 2017, 12, e0184659.	2.5	26
108	Exome sequencing reveals independent SGCD deletions causing limb girdle muscular dystrophy in Boston terriers. Skeletal Muscle, 2017, 7, 15.	4.2	18

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109	Nonsense variant in COL7A1 causes recessive dystrophic epidermolysis bullosa in Central Asian Shepherd dogs. PLoS ONE, 2017, 12, e0177527.	2.5	13
110	ANLN truncation causes a familial fatal acute respiratory distress syndrome in Dalmatian dogs. PLoS Genetics, 2017, 13, e1006625.	3.5	14
111	Genetic rescue of an endangered domestic animal through outcrossing with closely related breeds: A case study of the Norwegian Lundehund. PLoS ONE, 2017, 12, e0177429.	2.5	13
112	A Coding Variant in the Gene Bardet-Biedl Syndrome 4 (<i>BBS4</i>) Is Associated with a Novel Form of Canine Progressive Retinal Atrophy. G3: Genes, Genomes, Genetics, 2017, 7, 2327-2335.	1.8	11
113	AncesTrim - a tool for trimming complex pedigrees. Journal of Open Source Software, 2017, 2, 179.	4.6	4
114	Domesticated Animal Biobanking: Land of Opportunity. PLoS Biology, 2016, 14, e1002523.	5.6	47
115	Molecular Characterization of Three Canine Models of Human Rare Bone Diseases: Caffey, van den Ende-Gupta, and Raine Syndromes. PLoS Genetics, 2016, 12, e1006037.	3.5	32
116	Genetic Panel Screening of Nearly 100 Mutations Reveals New Insights into the Breed Distribution of Risk Variants for Canine Hereditary Disorders. PLoS ONE, 2016, 11, e0161005.	2.5	43
117	Health and Behavioral Survey of over 8000 Finnish Cats. Frontiers in Veterinary Science, 2016, 3, 70.	2.2	16
118	Canine models of human rare disorders. Rare Diseases (Austin, Tex ), 2016, 4, e1241362.	1.8	37
119	Prevalence, comorbidity, and behavioral variation in canine anxiety. Journal of Veterinary Behavior: Clinical Applications and Research, 2016, 16, 36-44.	1.2	98
120	Non-targeted metabolite profiling reveals changes in oxidative stress, tryptophan and lipid metabolisms in fearful dogs. Behavioral and Brain Functions, 2016, 12, 7.	3.3	28
121	A non-targeted metabolite profiling pilot study suggests that tryptophan and lipid metabolisms are linked with ADHD-like behaviours in dogs. Behavioral and Brain Functions, 2016, 12, 27.	3.3	33
122	The canine era: the rise of a biomedical model. Animal Genetics, 2016, 47, 519-527.	1.7	44
123	Effect of Breed on Plasma Endothelinâ€1 Concentration, Plasma Renin Activity, and Serum Cortisol Concentration in Healthy Dogs. Journal of Veterinary Internal Medicine, 2016, 30, 566-573.	1.6	9
124	The effect of a pressure vest on the behaviour, salivary cortisol and urine oxytocin of noise phobic dogs in a controlled test. Applied Animal Behaviour Science, 2016, 185, 86-94.	1.9	19
125	Globin mRNA reduction for whole-blood transcriptome sequencing. Scientific Reports, 2016, 6, 31584.	3.3	42
126	Investigation of rare and low-frequency variants using high-throughput sequencing with pooled DNA samples. Scientific Reports, 2016, 6, 33256.	3.3	13



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127	Association study reveals novel genetic risk factors associated with sporadic inclusion body myositis. <i>Neuromuscular Disorders</i> , 2016, 26, S162.	0.6	0
128	No evidence of prenatal diversifying selection at locus or supertype levels in the dog MHC class II loci. <i>Canine Genetics and Epidemiology</i> , 2016, 3, 9.	2.8	1
129	Genome-wide association study in mice identifies loci affecting liver-related phenotypes including Sel1l influencing serum bile acids. <i>Hepatology</i> , 2016, 63, 1943-1956.	7.3	2
130	A frameshift mutation in ARMC3 is associated with a tail stump sperm defect in Swedish Red (Bos) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.7	38
131	Out of southern East Asia: the natural history of domestic dogs across the world. <i>Cell Research</i> , 2016, 26, 21-33.	12.0	271
132	Canine MPV17 truncation without clinical manifestations. <i>Biology Open</i> , 2015, 4, 1253-1258.	1.2	0
133	Multiple Changes of Gene Expression and Function Reveal Genomic and Phenotypic Complexity in SLE-like Disease. <i>PLoS Genetics</i> , 2015, 11, e1005248.	3.5	21
134	Early Life Experiences and Exercise Associate with Canine Anxieties. <i>PLoS ONE</i> , 2015, 10, e0141907.	2.5	86
135	A Missense Change in the ATG4D Gene Links Aberrant Autophagy to a Neurodegenerative Vacuolar Storage Disease. <i>PLoS Genetics</i> , 2015, 11, e1005169.	3.5	48
136	Behavioral Abnormalities in Lagotto Romagnolo Dogs with a History of Benign Familial Juvenile Epilepsy: A Long-term Follow-up Study. <i>Journal of Veterinary Internal Medicine</i> , 2015, 29, 1081-1087.	1.6	30
137	Identification of a common risk haplotype for canine idiopathic epilepsy in the ADAM23 gene. <i>BMC Genomics</i> , 2015, 16, 465.	2.8	25
138	The Shepherds'™ Tale: A Genome-Wide Study across 9 Dog Breeds Implicates Two Loci in the Regulation of Fructosamine Serum Concentration in Belgian Shepherds. <i>PLoS ONE</i> , 2015, 10, e0123173.	2.5	8
139	A Novel Form of Progressive Retinal Atrophy in Swedish Vallhund Dogs. <i>PLoS ONE</i> , 2014, 9, e106610.	2.5	19
140	A Novel Missense Mutation in ADAMTS10 in Norwegian Elkhound Primary Glaucoma. <i>PLoS ONE</i> , 2014, 9, e111941.	2.5	34
141	Increased Expression of MERTK is Associated with a Unique Form of Canine Retinopathy. <i>PLoS ONE</i> , 2014, 9, e114552.	2.5	7
142	In frame exon skipping in UBE3B is associated with developmental disorders and increased mortality in cattle. <i>BMC Genomics</i> , 2014, 15, 890.	2.8	47
143	Breed Differences in Natriuretic Peptides in Healthy Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 451-457.	1.6	44
144	Balancing selection and heterozygote advantage in major histocompatibility complex loci of the bottlenecked Finnish wolf population. <i>Molecular Ecology</i> , 2014, 23, 875-889.	3.9	52

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145	Reliability and validity of a questionnaire survey in canine anxiety research. <i>Applied Animal Behaviour Science</i> , 2014, 155, 82-92.	1.9	56
146	Germline Mutation of RPS20, Encoding a Ribosomal Protein, Causes Predisposition to Hereditary Nonpolyposis Colorectal Carcinoma Without DNA Mismatch Repair Deficiency. <i>Gastroenterology</i> , 2014, 147, 595-598.e5.	1.3	143
147	Genetics of canine anal furunculosis in the German shepherd dog. <i>Immunogenetics</i> , 2014, 66, 311-324.	2.4	14
148	Exploration of known stereotypic behaviour-related candidate genes in equine crib-biting. <i>Animal</i> , 2014, 8, 347-353.	3.3	19
149	Expression of <i>Foxi3</i> is regulated by ectodysplasin in skin appendage placodes. <i>Developmental Dynamics</i> , 2013, 242, 593-603.	1.8	47
150	Genetic Diversity in the Modern Horse Illustrated from Genome-Wide SNP Data. <i>PLoS ONE</i> , 2013, 8, e54997.	2.5	214
151	Fetal growth restriction caused by MIMT1 deletion alters brain transcriptome in cattle. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 463-467.	1.6	5
152	Genome-Wide Analysis Reveals Selection for Important Traits in Domestic Horse Breeds. <i>PLoS Genetics</i> , 2013, 9, e1003211.	3.5	240
153	A Mutation in the SUV39H2 Gene in Labrador Retrievers with Hereditary Nasal Parakeratosis (HNPK) Provides Insights into the Epigenetics of Keratinocyte Differentiation. <i>PLoS Genetics</i> , 2013, 9, e1003848.	3.5	35
154	MHC variability supports dog domestication from a large number of wolves: high diversity in Asia. <i>Heredity</i> , 2013, 110, 80-85.	2.6	16
155	Phenotype, inheritance characteristics, and risk factors for idiopathic epilepsy in Finnish Spitz dogs. <i>Journal of the American Veterinary Medical Association</i> , 2013, 243, 1001-1009.	0.5	14
156	A Gly98Val Mutation in the N-Myc Downstream Regulated Gene 1 (NDRG1) in Alaskan Malamutes with Polyneuropathy. <i>PLoS ONE</i> , 2013, 8, e54547.	2.5	25
157	A COL11A2 Mutation in Labrador Retrievers with Mild Disproportionate Dwarfism. <i>PLoS ONE</i> , 2013, 8, e60149.	2.5	37
158	Genome-Wide Association Study Identifies a Novel Canine Glaucoma Locus. <i>PLoS ONE</i> , 2013, 8, e70903.	2.5	23
159	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.	2.5	29
160	Extent of Linkage Disequilibrium in the Domestic Cat, <i>Felis silvestris catus</i> , and Its Breeds. <i>PLoS ONE</i> , 2013, 8, e53537.	2.5	54
161	A Nonsense Mutation in the Acid $\alpha$ -Glucosidase Gene Causes Pompe Disease in Finnish and Swedish Lapphunds. <i>PLoS ONE</i> , 2013, 8, e56825.	2.5	24
162	A CNGB1 Frameshift Mutation in Papillon and Phalène Dogs with Progressive Retinal Atrophy. <i>PLoS ONE</i> , 2013, 8, e72122.	2.5	38

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163	Canine Chondrodysplasia Caused by a Truncating Mutation in Collagen-Binding Integrin Alpha Subunit 10. PLoS ONE, 2013, 8, e75621.	2.5	33
164	A SEL1L Mutation Links a Canine Progressive Early-Onset Cerebellar Ataxia to the Endoplasmic Reticulum-Associated Protein Degradation (ERAD) Machinery. PLoS Genetics, 2012, 8, e1002759.	3.5	52
165	Variation in Genes Related to Cochlear Biology Is Strongly Associated with Adult-Onset Deafness in Border Collies. PLoS Genetics, 2012, 8, e1002898.	3.5	20
166	Truncation of MIMT1 Gene in the PEG3 Domain Leads to Major Changes in Placental Gene Expression and Stillbirth in Cattle1. Biology of Reproduction, 2012, 87, 140.	2.7	11
167	Identification of a Novel Idiopathic Epilepsy Locus in Belgian Shepherd Dogs. PLoS ONE, 2012, 7, e33549.	2.5	44
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