

Vidhya Jagannathan

List of Publications by Citations

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171
papers

2,474
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191
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3,469
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
171	FEELnc: a tool for long non-coding RNA annotation and its application to the dog transcriptome. <i>Nucleic Acids Research</i> , 2017 , 45, e57	20.1	167
170	Ancient genomic changes associated with domestication of the horse. <i>Science</i> , 2017 , 356, 442-445	33.3	149
169	Meta-analysis of genome-wide association studies for cattle stature identifies common genes that regulate body size in mammals. <i>Nature Genetics</i> , 2018 , 50, 362-367	36.3	139
168	Evolutionary Genomics and Conservation of the Endangered Przewalski's Horse. <i>Current Biology</i> , 2015 , 25, 2577-83	6.3	115
167	Tracking the origins of Yakutian horses and the genetic basis for their fast adaptation to subarctic environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E6889-97	11.5	89
166	Investigations on transgenerational epigenetic response down the male line in F2 pigs. <i>PLoS ONE</i> , 2012 , 7, e30583	3.7	81
165	Developing a 670k genotyping array to tag ~2M SNPs across 24 horse breeds. <i>BMC Genomics</i> , 2017 , 18, 565	4.5	66
164	A comprehensive biomedical variant catalogue based on whole genome sequences of 582 dogs and eight wolves. <i>Animal Genetics</i> , 2019 , 50, 695-704	2.5	64
163	Comparison against 186 canid whole-genome sequences reveals survival strategies of an ancient clonally transmissible canine tumor. <i>Genome Research</i> , 2015 , 25, 1646-55	9.7	48
162	Independent polled mutations leading to complex gene expression differences in cattle. <i>PLoS ONE</i> , 2014 , 9, e93435	3.7	48
161	Y Chromosome Uncovers the Recent Oriental Origin of Modern Stallions. <i>Current Biology</i> , 2017 , 27, 2029-2035	13.5	45
160	A transposable element insertion in APOB causes cholesterol deficiency in Holstein cattle. <i>Animal Genetics</i> , 2016 , 47, 253-7	2.5	39
159	A missense change in the ATG4D gene links aberrant autophagy to a neurodegenerative vacuolar storage disease. <i>PLoS Genetics</i> , 2015 , 11, e1005169	6	37
158	A mutation in the FAM83G gene in dogs with hereditary footpad hyperkeratosis (HFH). <i>PLoS Genetics</i> , 2014 , 10, e1004370	6	37
157	Rapid Discovery of De Novo Deleterious Mutations in Cattle Enhances the Value of Livestock as Model Species. <i>Scientific Reports</i> , 2017 , 7, 11466	4.9	36
156	A Non-Synonymous HMGA2 Variant Decreases Height in Shetland Ponies and Other Small Horses. <i>PLoS ONE</i> , 2015 , 10, e0140749	3.7	36
155	A de novo variant in the ASPRV1 gene in a dog with ichthyosis. <i>PLoS Genetics</i> , 2017 , 13, e1006651	6	29

154	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	6	29
153	A COL11A2 mutation in Labrador retrievers with mild disproportionate dwarfism. <i>PLoS ONE</i> , 2013 , 8, e60149	3.7	28
152	A frameshift mutation in the cubilin gene (CUBN) in Border Collies with Imerlund-Grübeck syndrome (selective cobalamin malabsorption). <i>PLoS ONE</i> , 2013 , 8, e61144	3.7	28
151	Dog10K: an international sequencing effort to advance studies of canine domestication, phenotypes and health. <i>National Science Review</i> , 2019 , 6, 810-824	10.8	27
150	Molecular Characterization of Three Canine Models of Human Rare Bone Diseases: Caffey, van den Ende-Gupta, and Raine Syndromes. <i>PLoS Genetics</i> , 2016 , 12, e1006037	6	27
149	Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes. <i>PLoS Genetics</i> , 2019 , 15, e1008536	6	24
148	Differential Expression of Serum MicroRNAs Supports CD4+ T Cell Differentiation into Th2/Th17 Cells in Severe Equine Asthma. <i>Genes</i> , 2017 , 8,	4.2	23
147	Signal search analysis server. <i>Nucleic Acids Research</i> , 2003 , 31, 3618-20	20.1	23
146	Deletion in the EVC2 gene causes chondrodysplastic dwarfism in Tyrolean Grey cattle. <i>PLoS ONE</i> , 2014 , 9, e94861	3.7	22
145	Imputation of sequence level genotypes in the Franches-Montagnes horse breed. <i>Genetics Selection Evolution</i> , 2014 , 46, 63	4.9	22
144	Meta-analysis of estrogen response in MCF-7 distinguishes early target genes involved in signaling and cell proliferation from later target genes involved in cell cycle and DNA repair. <i>BMC Systems Biology</i> , 2011 , 5, 138	3.5	21
143	Comprehensive characterization of horse genome variation by whole-genome sequencing of 88 horses. <i>Animal Genetics</i> , 2019 , 50, 74-77	2.5	21
142	A novel KIT variant in an Icelandic horse with white-spotted coat colour. <i>Animal Genetics</i> , 2015 , 46, 466	2.5	20
141	HTPSELEX--a database of high-throughput SELEX libraries for transcription factor binding sites. <i>Nucleic Acids Research</i> , 2006 , 34, D90-4	20.1	20
140	Congenital aural atresia associated with agenesis of internal carotid artery in a girl with a FOXI3 deletion. <i>American Journal of Medical Genetics, Part A</i> , 2015 , 167A, 537-44	2.5	19
139	Looking the cow in the eye: deletion in the NID1 gene is associated with recessive inherited cataract in Romagnola cattle. <i>PLoS ONE</i> , 2014 , 9, e110628	3.7	19
138	MKLN1 splicing defect in dogs with lethal acrodermatitis. <i>PLoS Genetics</i> , 2018 , 14, e1007264	6	18
137	A deletion in the VLDLR gene in Eurasier dogs with cerebellar hypoplasia resembling a Dandy-Walker-like malformation (DWLM). <i>PLoS ONE</i> , 2015 , 10, e0108917	3.7	18

136	A frameshift mutation in the cubilin gene (CUBN) in Beagles with Imerslund-Gräbeck syndrome (selective cobalamin malabsorption). <i>Animal Genetics</i> , 2014 , 45, 148-50	2.5	18
135	A GJA9 frameshift variant is associated with polyneuropathy in Leonberger dogs. <i>BMC Genomics</i> , 2017 , 18, 662	4.5	17
134	Two loci on chromosome 5 are associated with serum IgE levels in Labrador retrievers. <i>PLoS ONE</i> , 2012 , 7, e39176	3.7	17
133	Whole genome sequencing reveals a novel deletion variant in the KIT gene in horses with white spotted coat colour phenotypes. <i>Animal Genetics</i> , 2017 , 48, 483-485	2.5	16
132	A naturally occurring prfA truncation in a <i>Listeria monocytogenes</i> field strain contributes to reduced replication and cell-to-cell spread. <i>Veterinary Microbiology</i> , 2015 , 179, 91-101	3.3	16
131	Impaired Cell Cycle Regulation in a Natural Equine Model of Asthma. <i>PLoS ONE</i> , 2015 , 10, e0136103	3.7	16
130	TECPR2 Associated Neuroaxonal Dystrophy in Spanish Water Dogs. <i>PLoS ONE</i> , 2015 , 10, e0141824	3.7	16
129	A nonsense mutation in the IKBKG gene in mares with incontinentia pigmenti. <i>PLoS ONE</i> , 2013 , 8, e81625	3.7	16
128	A RAB3GAP1 SINE Insertion in Alaskan Huskies with Polyneuropathy, Ocular Abnormalities, and Neuronal Vacuolation (POANV) Resembling Human Warburg Micro Syndrome 1 (WARBM1). <i>G3: Genes, Genomes, Genetics</i> , 2015 , 6, 255-62	3.2	16
127	Whole-Genome Sequencing of a Canine Family Trio Reveals a FAM83G Variant Associated with Hereditary Footpad Hyperkeratosis. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 521-7	3.2	15
126	Neuronal ceroid lipofuscinosis (NCL) is caused by the entire deletion of CLN8 in the Alpenländische Dachsbracke dog. <i>Molecular Genetics and Metabolism</i> , 2017 , 120, 269-277	3.7	14
125	The transcriptome of equine peripheral blood mononuclear cells. <i>PLoS ONE</i> , 2015 , 10, e0122011	3.7	14
124	A Missense Variant in in Belgian Shepherd Dogs Affected by Spongy Degeneration with Cerebellar Ataxia (SDCA1). <i>G3: Genes, Genomes, Genetics</i> , 2017 , 7, 663-669	3.2	13
123	Asian horses deepen the MSY phylogeny. <i>Animal Genetics</i> , 2018 , 49, 90-93	2.5	13
122	Lethal chondrodysplasia in a family of Holstein cattle is associated with a de novo splice site variant of COL2A1. <i>BMC Veterinary Research</i> , 2016 , 12, 100	2.7	13
121	Congenital hepatic fibrosis in the Franches-Montagnes horse is associated with the polycystic kidney and hepatic disease 1 (PKHD1) gene. <i>PLoS ONE</i> , 2014 , 9, e110125	3.7	13
120	Novel insights into the pathways regulating the canine hair cycle and their deregulation in alopecia X. <i>PLoS ONE</i> , 2017 , 12, e0186469	3.7	13
119	A Splice Defect in the EDA Gene in Dogs with an X-Linked Hypohidrotic Ectodermal Dysplasia (XLHED) Phenotype. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 2949-54	3.2	13

118	NME5 frameshift variant in Alaskan Malamutes with primary ciliary dyskinesia. <i>PLoS Genetics</i> , 2019 , 15, e1008378	6	12
117	The horse Y chromosome as an informative marker for tracing sire lines. <i>Scientific Reports</i> , 2019 , 9, 60954.9	4.9	12
116	A curated catalog of canine and equine keratin genes. <i>PLoS ONE</i> , 2017 , 12, e0180359	3.7	12
115	Two MC1R loss-of-function alleles in cream-coloured Australian Cattle Dogs and white Huskies. <i>Animal Genetics</i> , 2018 , 49, 284-290	2.5	12
114	An ADAMTS3 missense variant is associated with Norwich Terrier upper airway syndrome. <i>PLoS Genetics</i> , 2019 , 15, e1008102	6	11
113	A novel MLPH variant in dogs with coat colour dilution. <i>Animal Genetics</i> , 2018 , 49, 94-97	2.5	11
112	A Nonsense Variant in COL6A1 in Landseer Dogs with Muscular Dystrophy. <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 2611-7	3.2	11
111	Hairless Streaks in Cattle Implicate TSR2 in Early Hair Follicle Formation. <i>PLoS Genetics</i> , 2015 , 11, e1005427	4.7	11
110	The challenge of modeling nuclear receptor regulatory networks in mammalian cells. <i>Molecular and Cellular Endocrinology</i> , 2011 , 334, 91-7	4.4	11
109	A SINE Insertion in in Belgian Shepherd Dogs Affected by Spongy Degeneration with Cerebellar Ataxia (SDCA2). <i>G3: Genes, Genomes, Genetics</i> , 2017 , 7, 2729-2737	3.2	10
108	Identification of a Missense Variant in Involved in Dilution of Phaeomelanin Leading to White or Cream Coat Color in Dogs. <i>Genes</i> , 2019 , 10,	4.2	10
107	Chromosomal imbalance in pigs showing a syndromic form of cleft palate. <i>BMC Genomics</i> , 2019 , 20, 349	4.5	10
106	DNA-based diagnosis of rare diseases in veterinary medicine: a 4.4kb deletion of ITGB4 is associated with epidermolysis bullosa in Charolais cattle. <i>BMC Veterinary Research</i> , 2015 , 11, 48	2.7	10
105	A Large Deletion in the Gene in Labrador Retrievers with a Congenital Cornification Disorder. <i>G3: Genes, Genomes, Genetics</i> , 2017 , 7, 3115-3121	3.2	10
104	A single base deletion in the SLC45A2 gene in a Bullmastiff with oculocutaneous albinism. <i>Animal Genetics</i> , 2017 , 48, 619-621	2.5	10
103	Complex Structural Variant Associated with Non-syndromic Canine Retinal Degeneration. <i>G3: Genes, Genomes, Genetics</i> , 2019 , 9, 425-437	3.2	10
102	Genome-wide association study and whole-genome sequencing identify a deletion in LRIT3 associated with canine congenital stationary night blindness. <i>Scientific Reports</i> , 2019 , 9, 14166	4.9	9
101	Differentially expressed microRNAs, including a large microRNA cluster on chromosome 24, are associated with equine sarcoid and squamous cell carcinoma. <i>Veterinary and Comparative Oncology</i> , 2019 , 17, 155-164	2.5	9

100	ATP13A2 missense variant in Australian Cattle Dogs with late onset neuronal ceroid lipofuscinosis. <i>Molecular Genetics and Metabolism</i> , 2019 , 127, 95-106	3.7	9
99	OCA2 splice site variant in German Spitz dogs with oculocutaneous albinism. <i>PLoS ONE</i> , 2017 , 12, e0185944	3.4	9
98	A frameshift mutation in MOCOS is associated with familial renal syndrome (xanthinuria) in Tyrolean Grey cattle. <i>BMC Veterinary Research</i> , 2016 , 12, 276	2.7	9
97	Genetic Abnormalities in a Calf with Congenital Increased Muscular Tonus. <i>Journal of Veterinary Internal Medicine</i> , 2015 , 29, 1418-21	3.1	9
96	Whole-genome sequencing reveals a large deletion in the MITF gene in horses with white spotted coat colour and increased risk of deafness. <i>Animal Genetics</i> , 2019 , 50, 172-174	2.5	9
95	A non-coding regulatory variant in the 5' region of the MITF gene is associated with white-spotted coat in Brown Swiss cattle. <i>Animal Genetics</i> , 2019 , 50, 27-32	2.5	9
94	A frameshift variant in the COL5A1 gene in a cat with Ehlers-Danlos syndrome. <i>Animal Genetics</i> , 2018 , 49, 641-644	2.5	9
93	A Nonsense Variant in the Gene in Akhal-Teke Horses with Naked Foal Syndrome. <i>G3: Genes, Genomes, Genetics</i> , 2017 , 7, 1315-1321	3.2	8
92	Differences in miRNA differential expression in whole blood between horses with sarcoid regression and progression. <i>Journal of Veterinary Internal Medicine</i> , 2019 , 33, 241-250	3.1	8
91	Epidermolysis bullosa in Danish Hereford calves is caused by a deletion in LAMC2 gene. <i>BMC Veterinary Research</i> , 2015 , 11, 23	2.7	8
90	The Locus is under Selection in Large-Sized Pakistani Goat Breeds. <i>Genes</i> , 2020 , 11,	4.2	8
89	LPS-induced modules of co-expressed genes in equine peripheral blood mononuclear cells. <i>BMC Genomics</i> , 2017 , 18, 34	4.5	8
88	Canine NAPEPLD-associated models of human myelin disorders. <i>Scientific Reports</i> , 2018 , 8, 5818	4.9	8
87	A structural variant in the 5' flanking region of the TWIST2 gene affects melanocyte development in belted cattle. <i>PLoS ONE</i> , 2017 , 12, e0180170	3.7	8
86	A deletion spanning the promoter and first exon of the hair cycle-specific ASIP transcript isoform in black and tan rabbits. <i>Animal Genetics</i> , 2020 , 51, 137-140	2.5	8
85	A de novo missense mutation of FGFR2 causes facial dysplasia syndrome in Holstein cattle. <i>BMC Genetics</i> , 2017 , 18, 74	2.6	7
84	A splice site variant in the SUV39H2 gene in Greyhounds with nasal parakeratosis. <i>Animal Genetics</i> , 2018 , 49, 137-140	2.5	7
83	A missense variant in the NSDHL gene in a Chihuahua with a congenital cornification disorder resembling inflammatory linear verrucous epidermal nevi. <i>Animal Genetics</i> , 2019 , 50, 768-771	2.5	7

82	Torque ripple reduction in Permanent Magnet Synchronous Motor driven by field oriented control using Iterative Learning Control with space vector pulse width modulation 2013 ,		7
81	Mitochondrial PCK2 Missense Variant in Shetland Sheepdogs with Paroxysmal Exercise-Induced Dyskinesia (PED). <i>Genes</i> , 2020 , 11,	4.2	7
80	A CHRN1 frameshift mutation is associated with familial arthrogryposis multiplex congenita in Red dairy cattle. <i>BMC Genomics</i> , 2016 , 17, 479	4.5	7
79	Identification of Two Independent Variants in Dogs with Ehlers-Danlos Syndrome. <i>Genes</i> , 2019 , 10,	4.2	6
78	A Missense Variant Affecting the C-Terminal Tail of UNC93B1 in Dogs with Exfoliative Cutaneous Lupus Erythematosus (ECLE). <i>Genes</i> , 2020 , 11,	4.2	6
77	Whole genome sequencing confirms KIT insertions in a white cat. <i>Animal Genetics</i> , 2015 , 46, 98	2.5	6
76	In search of epigenetic marks in testes and sperm cells of differentially fed boars. <i>PLoS ONE</i> , 2013 , 8, e78691	3.7	6
75	An Intronic MBTPS2 Variant Results in a Splicing Defect in Horses with Brindle Coat Texture. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 2963-70	3.2	6
74	Genetic variability of the equine casein genes. <i>Journal of Dairy Science</i> , 2016 , 99, 5486-5497	4	6
73	MicroRNA fingerprints in serum and whole blood of sarcoid-affected horses as potential non-invasive diagnostic biomarkers. <i>Veterinary and Comparative Oncology</i> , 2019 , 17, 107-117	2.5	6
72	Abnormal keratinocyte differentiation in the nasal planum of Labrador Retrievers with hereditary nasal parakeratosis (HNPK). <i>PLoS ONE</i> , 2020 , 15, e0225901	3.7	5
71	Compound heterozygosity for TNXB genetic variants in a mixed-breed dog with Ehlers-Danlos syndrome. <i>Animal Genetics</i> , 2019 , 50, 546-549	2.5	5
70	TSEN54 missense variant in Standard Schnauzers with leukodystrophy. <i>PLoS Genetics</i> , 2019 , 15, e1008416		5
69	A novel KIT deletion variant in a German Riding Pony with white-spotting coat colour phenotype. <i>Animal Genetics</i> , 2019 , 50, 761-763	2.5	5
68	A COL2A1 de novo variant in a Holstein bulldog calf. <i>Animal Genetics</i> , 2019 , 50, 113-114	2.5	5
67	NHLRC1 dodecamer repeat expansion demonstrated by whole genome sequencing in a Chihuahua with Lafora disease. <i>Animal Genetics</i> , 2019 , 50, 118-119	2.5	5
66	Frame-shift variant in the CHRNE gene in a juvenile dog with suspected myasthenia gravis-like disease. <i>Animal Genetics</i> , 2017 , 48, 625	2.5	4
65	A Genome-Wide Association Analysis in Noriker Horses Identifies a SNP Associated With Roan Coat Color. <i>Journal of Equine Veterinary Science</i> , 2020 , 88, 102950	1.2	4

64	A Frameshift Variant in a Rottweiler Dog with Footpad Hyperkeratosis. <i>Genes</i> , 2020 , 11,	4.2	4
63	A Nonsense Variant in the Gene in German Hunting Terriers with Exercise Induced Metabolic Myopathy. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 1545-1554	3.2	4
62	Frameshift Variant in Three Dogs with Recurrent Inflammatory Pulmonary Disease. <i>Genes</i> , 2019 , 10,	4.2	4
61	Frameshift Variant in MFSD12 Explains the Mushroom Coat Color Dilution in Shetland Ponies. <i>Genes</i> , 2019 , 10,	4.2	4
60	IL26 gene inactivation in Equidae. <i>Animal Genetics</i> , 2013 , 44, 770-2	2.5	4
59	A novel MITF variant in a white American Standardbred Foal. <i>Animal Genetics</i> , 2017 , 48, 123-124	2.5	4
58	Genomic diversity and population structure of the Leonberger dog breed. <i>Genetics Selection Evolution</i> , 2020 , 52, 61	4.9	4
57	Missense Variant in Australian Shepherd Dogs with Junctional Epidermolysis Bullosa. <i>Genes</i> , 2020 , 11,	4.2	4
56	MFSD8 single-base pair deletion in a Chihuahua with neuronal ceroid lipofuscinosis. <i>Animal Genetics</i> , 2016 , 47, 631	2.5	4
55	A second KRT71 allele in curly coated dogs. <i>Animal Genetics</i> , 2019 , 50, 97-100	2.5	4
54	Genetic variant in the NSDHL gene in a cat with multiple congenital lesions resembling inflammatory linear verrucous epidermal nevi. <i>Veterinary Dermatology</i> , 2019 , 30, 64-e18	1.8	4
53	A Nonsense Variant in Golden Retrievers with Congenital Eye Malformations. <i>Genes</i> , 2019 , 10,	4.2	3
52	In silico and in vitro analysis of genetic variants of the equine CYP3A94, CYP3A95 and CYP3A97 isoenzymes. <i>Toxicology in Vitro</i> , 2019 , 60, 116-124	3.6	3
51	A Missense Variant in in Alpine Dachsbracke Dogs Affected by Spinocerebellar Ataxia. <i>Genes</i> , 2019 , 10,	4.2	3
50	A single codon insertion in the PICALM gene is not associated with subvalvular aortic stenosis in Newfoundland dogs. <i>Human Genetics</i> , 2015 , 134, 127-9	6.3	3
49	Frameshift Deletion in a Mixed Breed Dog with Progressive Epidermal Nevi. <i>Genes</i> , 2020 , 11,	4.2	3
48	SINE Insertion in an Irish Terrier with Darier Disease and Associated Infundibular Cyst Formation. <i>Genes</i> , 2020 , 11,	4.2	3
47	Missense Variant in Belgian Shepherd Dogs with Cardiomyopathy and Juvenile Mortality. <i>Genes</i> , 2020 , 11,	4.2	3

46	DNA-based analysis of protein variants reveals different genetic variability of the paralogous equine β actin genes LGB1 and LGB2. <i>Livestock Science</i> , 2016 , 187, 181-185	1.7	3
45	A RAPGEF6 variant constitutes a major risk factor for laryngeal paralysis in dogs. <i>PLoS Genetics</i> , 2019 , 15, e1008416	6	3
44	A de novo in-frame duplication in the COL1A2 gene in a Lagotto Romagnolo dog with osteogenesis imperfecta. <i>Animal Genetics</i> , 2019 , 50, 786-787	2.5	3
43	Reduction of transient and steady state speed pulsation in permanent magnet synchronous motor using Space Vector Pulse Width Modulation control 2013 ,		3
42	A major facilitator superfamily domain 8 frameshift variant in a cat with suspected neuronal ceroid lipofuscinosis. <i>Journal of Veterinary Internal Medicine</i> , 2020 , 34, 289-293	3.1	3
41	An Integrative miRNA-mRNA Expression Analysis Reveals Striking Transcriptomic Similarities between Severe Equine Asthma and Specific Asthma Endotypes in Humans. <i>Genes</i> , 2020 , 11,	4.2	3
40	A Missense Variant Is Associated with Canine Laryngeal Paralysis and Polyneuropathy. <i>Genes</i> , 2020 , 11,	4.2	3
39	A Missense Variant in a Domestic Shorthair Cat with Testicular Hypoplasia and Persistent Primary Dentition. <i>Genes</i> , 2019 , 10,	4.2	3
38	Diagnostic potential of three serum microRNAs as biomarkers for equine sarcoid disease in horses and donkeys. <i>Journal of Veterinary Internal Medicine</i> , 2021 , 35, 610-619	3.1	3
37	SUV39H2 epigenetic silencing controls fate conversion of epidermal stem and progenitor cells. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	3
36	Genome-wide association study and heritability estimate for ectopic ureters in Entlebucher mountain dogs. <i>Animal Genetics</i> , 2018 , 49, 645-650	2.5	3
35	Deletion of the SELENOP gene leads to CNS atrophy with cerebellar ataxia in dogs. <i>PLoS Genetics</i> , 2021 , 17, e1009716	6	3
34	Dog colour patterns explained by modular promoters of ancient canid origin. <i>Nature Ecology and Evolution</i> , 2021 , 5, 1415-1423	12.3	3
33	A Variant in a Litter of Neonatal Basset Hounds with Dystrophic Epidermolysis Bullosa. <i>Genes</i> , 2020 , 11,	4.2	2
32	Novel Brown Coat Color (Cocoa) in French Bulldogs Results from a Nonsense Variant in. <i>Genes</i> , 2020 , 11,	4.2	2
31	A de novo germline mutation of DLX3 in a Brown Swiss calf with tricho-dento-osseus-like syndrome. <i>Veterinary Dermatology</i> , 2017 , 28, 616-e150	1.8	2
30	ABHD5 frameshift deletion in Golden Retrievers with ichthyosis. <i>G3: Genes, Genomes, Genetics</i> , 2021 ,	3.2	2
29	Loss-of-Function Variant in Yorkshire Terriers with Leigh-Like Subacute Necrotizing Encephalopathy. <i>Genes</i> , 2020 , 11,	4.2	2

28	X-Linked Duchenne-Type Muscular Dystrophy in Jack Russell Terrier Associated with a Partial Deletion of the Canine Gene. <i>Genes</i> , 2020 , 11,	4.2	2
27	Initial characterization of stiff skin-like syndrome in West Highland white terriers. <i>Veterinary Dermatology</i> , 2016 , 27, 210-e53	1.8	2
26	Frameshift Variant in a Miniature Dachshund with Coat Color Dilution and Neurological Defects Resembling Human Griscelli Syndrome Type 1. <i>Genes</i> , 2021 , 12,	4.2	2
25	A large deletion in the GP9 gene in Cocker Spaniel dogs with Bernard-Soulier syndrome. <i>PLoS ONE</i> , 2019 , 14, e0220625	3.7	1
24	Bald thigh syndrome in sighthounds-Revisiting the cause of a well-known disease. <i>PLoS ONE</i> , 2019 , 14, e0212645	3.7	1
23	Whole Genome Sequencing Indicates Heterogeneity of Hyperostotic Disorders in Dogs. <i>Genes</i> , 2020 , 11,	4.2	1
22	A nonsense variant in the KRT14 gene in a domestic shorthair cat with epidermolysis bullosa simplex. <i>Animal Genetics</i> , 2020 , 51, 829-832	2.5	1
21	Transcriptome Profiling and Differential Gene Expression in Canine Microdissected Anagen and Telogen Hair Follicles and Interfollicular Epidermis. <i>Genes</i> , 2020 , 11,	4.2	1
20	Missense Variant in a Cat with L-2-Hydroxyglutaric Aciduria. <i>Genes</i> , 2021 , 12,	4.2	1
19	A pathogenic HEXA missense variant in wild boars with Tay-Sachs disease. <i>Molecular Genetics and Metabolism</i> , 2021 , 133, 297-306	3.7	1
18	Exclusion of adrenoceptor alpha 2 variants in a horse insensitive to medetomidine. <i>Animal Genetics</i> , 2018 , 49, 141	2.5	0
17	Association of missense variants in GDF9 with litter size in Entlebucher Mountain dogs. <i>Animal Genetics</i> , 2020 , 51, 78-86	2.5	0
16	CCDC66 frameshift variant associated with a new form of early-onset progressive retinal atrophy in Portuguese Water Dogs. <i>Scientific Reports</i> , 2020 , 10, 21162	4.9	0
15	Transcriptome of microglia reveals a species-specific expression profile in bovines with conserved and new signature genes. <i>Glia</i> , 2021 , 69, 1932-1949	9	0
14	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	2.5	0
13	Diagnostic and prognostic potential of eight whole blood microRNAs for equine sarcoid disease.. <i>PLoS ONE</i> , 2021 , 16, e0261076	3.7	0
12	A COL5A2 In-Frame Deletion in a Chihuahua with Ehlers-Danlos Syndrome. <i>Genes</i> , 2022 , 13, 934	4.2	0
11	Polyadenine insertion disrupting the G6PC1 gene in German Pinschers with glycogen storage disease type Ia (GSD1A). <i>Animal Genetics</i> , 2021 , 52, 900-902	2.5	

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- 9 Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes **2019**, 15, e1008536
- 8 Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes **2019**, 15, e1008536
- 7 Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes **2019**, 15, e1008536
- 6 Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes **2019**, 15, e1008536
- 5 TSEN54 missense variant in Standard Schnauzers with leukodystrophy **2019**, 15, e1008411
- 4 TSEN54 missense variant in Standard Schnauzers with leukodystrophy **2019**, 15, e1008411
- 3 TSEN54 missense variant in Standard Schnauzers with leukodystrophy **2019**, 15, e1008411
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