Cord DrÃ¶gemÃ¼ller

List of Publications by Year
in descending order

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82 papers	1,199 citations	623188 14 h-index	476904 29 g-index
82 all docs	82 docs citations	82 times ranked	1459 citing authors

#	Article	IF	Citations
1	Meta-analysis of genome-wide association studies for cattle stature identifies common genes that regulate body size in mammals. Nature Genetics, 2018, 50, 362-367.	9.4	286
2	A comprehensive biomedical variant catalogue based on whole genome sequences of 582 dogs and eight wolves. Animal Genetics, 2019, 50, 695-704.	0.6	138
3	Rapid Discovery of De Novo Deleterious Mutations in Cattle Enhances the Value of Livestock as Model Species. Scientific Reports, 2017, 7, 11466.	1.6	61
4	Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes. PLoS Genetics, 2019, 15, e1008536.	1.5	50
5	Runs of homozygosity and signatures of selection: a comparison among eight local Swiss sheep breeds. Animal Genetics, 2019, 50, 512-525.	0.6	41
6	Phenotypic Effects of FGF4 Retrogenes on Intervertebral Disc Disease in Dogs. Genes, 2019, 10, 435.	1.0	33
7	Comprehensive characterization of horse genome variation by wholeâ€genome sequencing of 88 horses. Animal Genetics, 2019, 50, 74-77.	0.6	33
8	The LCORL Locus Is under Selection in Large-Sized Pakistani Goat Breeds. Genes, 2020, 11, 168.	1.0	25
9	Dog colour patterns explained by modular promoters of ancient canid origin. Nature Ecology and Evolution, 2021, 5, 1415-1423.	3.4	24
10	A GJA9 frameshift variant is associated with polyneuropathy in Leonberger dogs. BMC Genomics, 2017, 18, 662.	1.2	20
11	Identification of a Missense Variant in MFSD12 Involved in Dilution of Phaeomelanin Leading to White or Cream Coat Color in Dogs. Genes, 2019, 10, 386.	1.0	20
12	Identification of small and large genomic candidate variants in bovine pulmonary hypoplasia and anasarca syndrome. Animal Genetics, 2020, 51, 382-390.	0.6	19
13	Genetic risk for squamous cell carcinoma of the nictitating membrane parallels that of the limbus in Haflinger horses. Animal Genetics, 2018, 49, 457-460.	0.6	17
14	A nonâ€coding regulatory variant in the 5â€²â€region of the MITF gene is associated with whiteâ€spotted coat in Brown Swiss cattle. Animal Genetics, 2019, 50, 27-32.	0.6	17
15	High confidence copy number variants identified in Holstein dairy cattle from whole genome sequence and genotype array data. Scientific Reports, 2020, 10, 8044.	1.6	16
16	Evaluation of an investigative model in dairy herds with high calf perinatal mortality rates in Switzerland. Theriogenology, 2020, 148, 48-59.	0.9	15
17	Canine NAPEPLD-associated models of human myelin disorders. Scientific Reports, 2018, 8, 5818.	1.6	14
18	A deletion spanning the promoter and first exon of the hair cycleâ€specific ASIP transcript isoform in black and tan rabbits. Animal Genetics, 2020, 51, 137-140.	0.6	14

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19	New genomic features of the polled intersex syndrome variant in goats unraveled by longâ€read wholeâ€genome sequencing. Animal Genetics, 2020, 51, 439-448.	0.6	14
20	Chromosomal imbalance in pigs showing a syndromic form of cleft palate. BMC Genomics, 2019, 20, 349.	1.2	13
21	A frameshift mutation in MOCOS is associated with familial renal syndrome (xanthinuria) in Tyrolean Grey cattle. BMC Veterinary Research, 2016, 12, 276.	0.7	12
22	A complex structural variant at the <scp>KIT</scp> locus in cattle with the Pinzgauer spotting pattern. Animal Genetics, 2019, 50, 423-429.	0.6	12
23	Identification of two <scp>TYRP</scp>1 lossâ€ofâ€function alleles in Valais Red sheep. Animal Genetics, 2019, 50, 778-782.	0.6	12
24	Multiple FGF4 Retrocopies Recently Derived within Canids. Genes, 2020, 11, 839.	1.0	12
25	Ear type in sheep is associated with the MSRB3 locus. Animal Genetics, 2020, 51, 968-972.	0.6	12
26	A major QTL at the LHCGR/FSHR locus for multiple birth in Holstein cattle. Genetics Selection Evolution, 2021, 53, 57.	1.2	12
27	The Complex and Diverse Genetic Architecture of the Absence of Horns (Polledness) in Domestic Ruminants, including Goats and Sheep. Genes, 2022, 13, 832.	1.0	11
28	APOBâ€associated cholesterol deficiency in Holstein cattle is not a simple recessive disease. Animal Genetics, 2019, 50, 372-375.	0.6	10
29	KCNG1-Related Syndromic Form of Congenital Neuromuscular Channelopathy in a Crossbred Calf. Genes, 2021, 12, 1792.	1.0	10
30	Differential distribution of Y-chromosome haplotypes in Swiss and Southern European goat breeds. Scientific Reports, 2017, 7, 16161.	1.6	9
31	A CNTNAP1 Missense Variant Is Associated with Canine Laryngeal Paralysis and Polyneuropathy. Genes, 2020, 11, 1426.	1.0	9
32	Genomic diversity and population structure of the Leonberger dog breed. Genetics Selection Evolution, 2020, 52, 61.	1.2	9
33	Crossed beaks in a local Swiss chicken breed. BMC Veterinary Research, 2018, 14, 68.	0.7	8
34	A de novo inâ€frame duplication in the <scp>COL</scp>1A2 gene in a Lagotto Romagnolo dog with osteogenesis imperfecta. Animal Genetics, 2019, 50, 786-787.	0.6	8
35	A Missense Variant in SCN8A in Alpine Dachsbracke Dogs Affected by Spinocerebellar Ataxia. Genes, 2019, 10, 362.	1.0	8
36	A large deletion in the COL2A1 gene expands the spectrum of pathogenic variants causing bulldog calf syndrome in cattle. Acta Veterinaria Scandinavica, 2020, 62, 49.	0.5	8

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37	X-Linked Duchenne-Type Muscular Dystrophy in Jack Russell Terrier Associated with a Partial Deletion of the Canine DMD Gene. Genes, 2020, 11, 1175.	1.0	8
38	Genome-Wide Analyses for Osteosarcoma in Leonberger Dogs Reveal the CDKN2A/B Gene Locus as a Major Risk Locus. Genes, 2021, 12, 1964.	1.0	8
39	An <scp>ABCA</scp>12 missense variant in a Shorthorn calf with ichthyosis fetalis. Animal Genetics, 2019, 50, 749-752.	0.6	7
40	A Heterozygous Missense Variant in the COL5A2 in Holstein Cattle Resembling the Classical Ehlersâ€“Danlos Syndrome. Animals, 2020, 10, 2002.	1.0	7
41	The Effects of FGF4 Retrogenes on Canine Morphology. Genes, 2022, 13, 325.	1.0	7
42	A Nonsense Variant in CCDC65 Gene Causes Respiratory Failure Associated with Increased Lamb Mortality in French Lacaune Dairy Sheep. Genes, 2022, 13, 45.	1.0	7
43	A <scp>COL</scp>2A1 de novo variant in a Holstein bulldog calf. Animal Genetics, 2019, 50, 113-114.	0.6	6
44	Trisomy 29 in a stillborn Swiss Original Braunvieh calf. Animal Genetics, 2020, 51, 483-484.	0.6	6
45	X-Linked Hypohidrotic Ectodermal Dysplasia in Crossbred Beef Cattle Due to a Large Deletion in EDA. Animals, 2021, 11, 657.	1.0	6
46	A frameshift insertion in FA2H causes a recessively inherited form of ichthyosis congenita in Chianina cattle. Molecular Genetics and Genomics, 2021, 296, 1313-1322.	1.0	6
47	A homozygous missense variant in laminin subunit beta 1 as candidate causal mutation of hemifacial microsomia in Romagnola cattle. Journal of Veterinary Internal Medicine, 2022, 36, 292-299.	0.6	6
48	A Nonsense Variant in Hephaestin Like 1 (HEPHL1) Is Responsible for Congenital Hypotrichosis in Belted Galloway Cattle. Genes, 2021, 12, 643.	1.0	5
49	Evaluation of truncating variants in the LCORL gene in relation to body size of goats from Switzerland. Animal Genetics, 2022, 53, 237-239.	0.6	5
50	Mining massive genomic data of two Swiss Braunvieh cattle populations reveals six novel candidate variants that impair reproductive success. Genetics Selection Evolution, 2021, 53, 95.	1.2	5
51	Evaluation of <scp>HOXC</scp>8 in crested Swiss chicken. Animal Genetics, 2018, 49, 334-336.	0.6	4
52	Prevalence of coat colour traits and congenital disorders of South American camelids in Austria, Germany and Switzerland. Acta Veterinaria Scandinavica, 2020, 62, 56.	0.5	4
53	A de novo mutation in <scp>KRT5</scp> in a crossbred calf with epidermolysis bullosa simplex. Journal of Veterinary Internal Medicine, 2020, 34, 2800-2807.	0.6	4
54	SLC19A3 Loss-of-Function Variant in Yorkshire Terriers with Leigh-Like Subacute Necrotizing Encephalopathy. Genes, 2020, 11, 1215.	1.0	4

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55	An IL17RA frameshift variant in a Holstein cattle family with psoriasis-like skin alterations and immunodeficiency. BMC Genetics, 2020, 21, 55.	2.7	4
56	De novo stopâ€lost germline mutation in FGFR3 causes severe chondrodysplasia in the progeny of a Holstein bull. Animal Genetics, 2020, 51, 466-469.	0.6	4
57	Whole Genome Sequencing Indicates Heterogeneity of Hyperostotic Disorders in Dogs. Genes, 2020, 11, 163.	1.0	4
58	Compound heterozygous PLA2G6 loss-of-function variants in Swaledale sheep with neuroaxonal dystrophy. Molecular Genetics and Genomics, 2021, 296, 235-242.	1.0	4
59	CNGB3 Missense Variant Causes Recessive Achromatopsia in Original Braunvieh Cattle. International Journal of Molecular Sciences, 2021, 22, 12440.	1.8	4
60	A de novo germline mutation of <scp>DLX</scp>3 in a Brown Swiss calf with trichoâ€dentoâ€osseusâ€like syndrome. Veterinary Dermatology, 2017, 28, 616.	0.4	3
61	Deleterious AGXT Missense Variant Associated with Type 1 Primary Hyperoxaluria (PH1) in Zwartbles Sheep. Genes, 2020, 11, 1147.	1.0	3
62	A Missense Variant in ALDH5A1 Associated with Canine Succinic Semialdehyde Dehydrogenase Deficiency (SSADHD) in the Saluki Dog. Genes, 2020, 11, 1033.	1.0	3
63	Clinicopathological and Genomic Characterization of a Simmental Calf with Generalized Bovine Juvenile Angiomatosis. Animals, 2021, 11, 624.	1.0	3
64	A de novo variant in the bovine ADAMTSL4 gene in an Original Braunvieh calf with congenital cataract. Animal Genetics, 2022, 53, 416-421.	0.6	3
65	A de novo startâ€lost variant in ANKRD28 in a Holstein calf with dwarfism. Animal Genetics, 2022, 53, 470-471.	0.6	3
66	Constitutional trisomy 20 in an aborted Holstein fetus with pulmonary hypoplasia and anasarca syndrome. Animal Genetics, 2020, 51, 988-989.	0.6	2
67	A de novo germline mutation of KIT in a whiteâ€spotted Brown Swiss cow. Animal Genetics, 2020, 51, 449-452.	0.6	2
68	A genomeâ€wide significant association on chromosome 15 for congenital entropion in Swiss White Alpine sheep. Animal Genetics, 2020, 51, 278-283.	0.6	2
69	Phenotypic and Genomic Analysis of Cystic Hygroma in Pigs. Genes, 2021, 12, 207.	1.0	2
70	A De Novo Mutation in COL1A1 in a Holstein Calf with Osteogenesis Imperfecta Type II. Animals, 2021, 11, 561.	1.0	2
71	A Heterozygous Missense Variant in MAP2K2 in a Stillborn Romagnola Calf with Skeletal-Cardio-Enteric Dysplasia. Animals, 2021, 11, 1931.	1.0	2
72	GWAS Hits for Bilateral Convergent Strabismus with Exophthalmos in Holstein Cattle Using Imputed Sequence Level Genotypes. Genes, 2021, 12, 1039.	1.0	2

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73	A 6.7Âkb deletion in the COL2A1 gene in a Holstein calf with achondrogenesis type II and perosomus elumbis. Animal Genetics, 2021, 52, 244-245.	0.6	2
74	Reverse Genetic Screen for Deleterious Recessive Variants in the Local Simmental Cattle Population of Switzerland. Animals, 2021, 11, 3535.	1.0	2
75	A de novo variant in OTX2 in a lamb with otocephaly. Acta Veterinaria Scandinavica, 2020, 62, 5.	0.5	1
76	The previously reported LRP4 c.4940C>T variant is not associated with syndactyly in cattle. Animal Genetics, 2021, 52, 380-381.	0.6	1
77	Genetic evaluation of small ruminant lentivirus susceptibility in Valais blacknose sheep. Animal Genetics, 2021, 52, 781-782.	0.6	1
78	A KRT71 Loss-of-Function Variant Results in Inner Root Sheath Dysplasia and Recessive Congenital Hypotrichosis of Hereford Cattle. Genes, 2021, 12, 1038.	1.0	1
79	Identification of two new recessive MC1R alleles in redâ€coloured EvolÃ¨ner cattle and other breeds. Animal Genetics, 2022, 53, 427-435.	0.6	1
80	Is a heterozygous missense variant in SGSH the cause of a syndromic form of congenital amastia in an Original Braunvieh calf?. Animal Genetics, 2022, 53, 530-531.	0.6	1
81	Is a de novo nonsense variant in the ASPDH gene the cause of ulcerative skin lesions in a Holstein calf?. Veterinary Dermatology, 2020, 31, 244.	0.4	0
82	DSP missense variant in a Scottish Highland calf with congenital ichthyosis, alopecia, acantholysis of the tongue and corneal defects. BMC Veterinary Research, 2022, 18, 20.	0.7	0