Cord Drgemller

List of Publications by Citations

68 papers	560 citations	10 h-index	21 g-index
82 ext. papers	934 ext. citations	3.6 avg, IF	3.78 L-index

#	Paper	IF	Citations
68	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	36.3	139
67	A comprehensive biomedical variant catalogue based on whole genome sequences of 582 dogs and eight wolves. *Animal Genetics*, **2019**, 50, 695-704	2.5	64
66	Rapid Discovery of De Novo Deleterious Mutations in Cattle Enhances the Value of Livestock as Model Species. *Scientific Reports*, **2017**, 7, 11466	4.9	36
65	Selection signatures in goats reveal copy number variants underlying breed-defining coat color phenotypes. *PLoS Genetics*, **2019**, 15, e1008536	6	24
64	Runs of homozygosity and signatures of selection: a comparison among eight local Swiss sheep breeds. *Animal Genetics*, **2019**, 50, 512-525	2.5	23
63	Comprehensive characterization of horse genome variation by whole-genome sequencing of 88 horses. *Animal Genetics*, **2019**, 50, 74-77	2.5	21
62	Phenotypic Effects of Retrogenes on Intervertebral Disc Disease in Dogs. *Genes*, **2019**, 10,	4.2	18
61	A GJA9 frameshift variant is associated with polyneuropathy in Leonberger dogs. *BMC Genomics*, **2017**, 18, 662	4.5	17
60	Genetic risk for squamous cell carcinoma of the nictitating membrane parallels that of the limbus in Haflinger horses. *Animal Genetics*, **2018**, 49, 457-460	2.5	16
59	Identification of small and large genomic candidate variants in bovine pulmonary hypoplasia and anasarca syndrome. *Animal Genetics*, **2020**, 51, 382-390	2.5	11
58	Identification of a Missense Variant in Involved in Dilution of Phaeomelanin Leading to White or Cream Coat Color in Dogs. *Genes*, **2019**, 10,	4.2	10
57	Chromosomal imbalance in pigs showing a syndromic form of cleft palate. *BMC Genomics*, **2019**, 20, 349	4.5	10
56	New genomic features of the polled intersex syndrome variant in goats unraveled by long-read whole-genome sequencing. *Animal Genetics*, **2020**, 51, 439-448	2.5	9
55	A frameshift mutation in MOCOS is associated with familial renal syndrome (xanthinuria) in Tyrolean Grey cattle. *BMC Veterinary Research*, **2016**, 12, 276	2.7	9
54	A non-coding regulatory variant in the 5Rregion of the MITF gene is associated with white-spotted coat in Brown Swiss cattle. *Animal Genetics*, **2019**, 50, 27-32	2.5	9
53	The Locus is under Selection in Large-Sized Pakistani Goat Breeds. *Genes*, **2020**, 11,	4.2	8
52	Canine NAPEPLD-associated models of human myelin disorders. *Scientific Reports*, **2018**, 8, 5818	4.9	8

51	A deletion spanning the promoter and first exon of the hair cycle-specific ASIP transcript isoform in black and tan rabbits. *Animal Genetics*, **2020**, 51, 137-140	2.5	8
50	High confidence copy number variants identified in Holstein dairy cattle from whole genome sequence and genotype array data. *Scientific Reports*, **2020**, 10, 8044	4.9	6
49	An ABCA12 missense variant in a Shorthorn calf with ichthyosis fetalis. *Animal Genetics*, **2019**, 50, 749-752	2.5	6
48	Differential distribution of Y-chromosome haplotypes in Swiss and Southern European goat breeds. *Scientific Reports*, **2017**, 7, 16161	4.9	6
47	APOB-associated cholesterol deficiency in Holstein cattle is not a simple recessive disease. *Animal Genetics*, **2019**, 50, 372-375	2.5	5
46	Trisomy 29 in a stillborn Swiss Original Braunvieh calf. *Animal Genetics*, **2020**, 51, 483-484	2.5	5
45	Identification of two TYRP1 loss-of-function alleles in Valais Red sheep. *Animal Genetics*, **2019**, 50, 778-782	2.5	5
44	A COL2A1 de novo variant in a Holstein bulldog calf. *Animal Genetics*, **2019**, 50, 113-114	2.5	5
43	A Heterozygous Missense Variant in the in Holstein Cattle Resembling the Classical Ehlers-Danlos Syndrome. *Animals*, **2020**, 10,	3.1	4
42	Evaluation of an investigative model in dairy herds with high calf perinatal mortality rates in Switzerland. *Theriogenology*, **2020**, 148, 48-59	2.8	4
41	Crossed beaks in a local Swiss chicken breed. *BMC Veterinary Research*, **2018**, 14, 68	2.7	4
40	A complex structural variant at the KIT locus in cattle with the Pinzgauer spotting pattern. *Animal Genetics*, **2019**, 50, 423-429	2.5	4
39	Genomic diversity and population structure of the Leonberger dog breed. *Genetics Selection Evolution*, **2020**, 52, 61	4.9	4
38	Multiple Retrocopies Recently Derived within Canids. *Genes*, **2020**, 11,	4.2	4
37	A Missense Variant in in Alpine Dachsbracke Dogs Affected by Spinocerebellar Ataxia. *Genes*, **2019**, 10,	4.2	3
36	An IL17RA frameshift variant in a Holstein cattle family with psoriasis-like skin alterations and immunodeficiency. *BMC Genetics*, **2020**, 21, 55	2.6	3
35	De novo stop-lost germline mutation in FGFR3 causes severe chondrodysplasia in the progeny of a Holstein bull. *Animal Genetics*, **2020**, 51, 466-469	2.5	3
34	A de novo in-frame duplication in the COL1A2 gene in a Lagotto Romagnolo dog with osteogenesis imperfecta. *Animal Genetics*, **2019**, 50, 786-787	2.5	3

33	A homozygous missense variant in laminin subunit beta 1 as candidate causal mutation of hemifacial microsomia in Romagnola cattle. *Journal of Veterinary Internal Medicine*, **2021**,	3.1	3
32	A frameshift insertion in FA2H causes a recessively inherited form of ichthyosis congenita in Chianina cattle. *Molecular Genetics and Genomics*, **2021**, 296, 1313-1322	3.1	3
31	A Missense Variant Is Associated with Canine Laryngeal Paralysis and Polyneuropathy. *Genes*, **2020**, 11,	4.2	3
30	Dog colour patterns explained by modular promoters of ancient canid origin. *Nature Ecology and Evolution*, **2021**, 5, 1415-1423	12.3	3
29	A de novo germline mutation of KIT in a white-spotted Brown Swiss cow. *Animal Genetics*, **2020**, 51, 449-452	2.5	2
28	A de novo germline mutation of DLX3 in a Brown Swiss calf with tricho-dento-osseus-like syndrome. *Veterinary Dermatology*, **2017**, 28, 616-e150	1.8	2
27	Constitutional trisomy 20 in an aborted Holstein fetus with pulmonary hypoplasia and anasarca syndrome. *Animal Genetics*, **2020**, 51, 988-989	2.5	2
26	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	2	2
25	A de novo mutation in KRT5 in a crossbred calf with epidermolysis bullosa simplex. *Journal of Veterinary Internal Medicine*, **2020**, 34, 2800-2807	3.1	2
24	Loss-of-Function Variant in Yorkshire Terriers with Leigh-Like Subacute Necrotizing Encephalopathy. *Genes*, **2020**, 11,	4.2	2
23	X-Linked Duchenne-Type Muscular Dystrophy in Jack Russell Terrier Associated with a Partial Deletion of the Canine Gene. *Genes*, **2020**, 11,	4.2	2
22	Ear type in sheep is associated with the MSRB3 locus. *Animal Genetics*, **2020**, 51, 968-972	2.5	2
21	X-Linked Hypohidrotic Ectodermal Dysplasia in Crossbred Beef Cattle Due to a Large Deletion in. *Animals*, **2021**, 11,	3.1	2
20	Compound heterozygous PLA2G6 loss-of-function variants in Swaledale sheep with neuroaxonal dystrophy. *Molecular Genetics and Genomics*, **2021**, 296, 235-242	3.1	2
19	Evaluation of HOXC8 in crested Swiss chicken. *Animal Genetics*, **2018**, 49, 334-336	2.5	2
18	Whole Genome Sequencing Indicates Heterogeneity of Hyperostotic Disorders in Dogs. *Genes*, **2020**, 11,	4.2	1
17	A genome-wide significant association on chromosome 15 for congenital entropion in Swiss White Alpine sheep. *Animal Genetics*, **2020**, 51, 278-283	2.5	1
16	-Related Syndromic Form of Congenital Neuromuscular Channelopathy in a Crossbred Calf. *Genes*, **2021**, 12,	4.2	1

List of Publications

15	Missense Variant Causes Recessive Achromatopsia in Original Braunvieh Cattle. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
14	A 6.7kb deletion in the COL2A1 gene in a Holstein calf with achondrogenesis type II and perosomus elumbis. *Animal Genetics*, **2021**, 52, 244-245	2.5	1
13	Deleterious Missense Variant Associated with Type 1 Primary Hyperoxaluria (PH1) in Zwartbles Sheep. *Genes*, **2020**, 11,	4.2	1
12	The previously reported LRP4 c.4940C>T variant is not associated with syndactyly in cattle. *Animal Genetics*, **2021**, 52, 380-381	2.5	1
11	A Nonsense Variant in Hephaestin Like 1 () Is Responsible for Congenital Hypotrichosis in Belted Galloway Cattle. *Genes*, **2021**, 12,	4.2	1
10	A major QTL at the LHCGR/FSHR locus for multiple birth in Holstein cattle. *Genetics Selection Evolution*, **2021**, 53, 57	4.9	1
9	GWAS Hits for Bilateral Convergent Strabismus with Exophthalmos in Holstein Cattle Using Imputed Sequence Level Genotypes. *Genes*, **2021**, 12,	4.2	1
8	Prevalence of coat colour traits and congenital disorders of South American camelids in Austria, Germany and Switzerland. *Acta Veterinaria Scandinavica*, **2020**, 62, 56	2	0
7	Genetic evaluation of small ruminant lentivirus susceptibility in Valais blacknose sheep. *Animal Genetics*, **2021**, 52, 781-782	2.5	0
6	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	4.9	0
5	The Complex and Diverse Genetic Architecture of the Absence of Horns (Polledness) in Domestic Ruminants, including Goats and Sheep. *Genes*, **2022**, 13, 832	4.2	0
4	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-e54	1.8	
3	A de novo variant in OTX2 in a lamb with otocephaly. *Acta Veterinaria Scandinavica*, **2020**, 62, 5	2	
2	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	2.7	
1	A de novo start-lost variant in ANKRD28 in a Holstein calf with dwarfism.. *Animal Genetics*, **2022**,	2.5	