

Tomas Bergström

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,209
citations

471509

17
h-index

454955

30
g-index

37
all docs

37
docs citations

37
times ranked

1472
citing authors

#	ARTICLE	IF	CITATIONS
1	HLA Sequence Polymorphism and the Origin of Humans. <i>Science</i> , 1996, 274, 1552-1554.	12.6	153
2	Recent origin of HLA-DRB1 alleles and implications for human evolution. <i>Nature Genetics</i> , 1998, 18, 237-242.	21.4	137
3	From wild wolf to domestic dog: gene expression changes in the brain. <i>Molecular Brain Research</i> , 2004, 126, 198-206.	2.3	128
4	The genetic contribution to canine personality. <i>Genes, Brain and Behavior</i> , 2006, 5, 240-248.	2.2	109
5	Comparative Genomic Analysis of Human and Chimpanzee Indicates a Key Role for Indels in Primate Evolution. <i>Journal of Molecular Evolution</i> , 2006, 63, 682-690.	1.8	64
6	A novel canine reference genome resolves genomic architecture and uncovers transcript complexity. <i>Communications Biology</i> , 2021, 4, 185.	4.4	59
7	Evolution of Mhc Class II Polymorphism: The Rise and Fall of Class II Gene Function in Primates. <i>Immunological Reviews</i> , 1995, 143, 13-31.	6.0	57
8	A Frameshift Mutation in Golden Retriever Dogs with Progressive Retinal Atrophy Endorses SLC4A3 as a Candidate Gene for Human Retinal Degenerations. <i>PLoS ONE</i> , 2011, 6, e21452.	2.5	52
9	Genomic structure of the horse major histocompatibility complex class II region resolved using PacBio long-read sequencing technology. <i>Scientific Reports</i> , 2017, 7, 45518.	3.3	48
10	Genome-wide prediction of human VNTRs. <i>Genomics</i> , 2005, 85, 24-35.	2.9	47
11	Full-length sequence analysis of the HLA-DRB1 locus suggests a recent origin of alleles. <i>Immunogenetics</i> , 2007, 59, 261-271.	2.4	39
12	The cotton-top tamarin revisited: Mhc class I polymorphism of wild tamarins, and polymorphism and allelic diversity of the class II DQA1, DQB1, and DRB loci. <i>Immunogenetics</i> , 1994, 40, 167-176.	2.4	38
13	Resistance to pyrantel embonate and efficacy of fenbendazole in <i>Parascaris univalens</i> on Swedish stud farms. <i>Veterinary Parasitology</i> , 2018, 264, 69-73.	1.8	36
14	Phylogenetic history of hominoid DRB loci and alleles inferred from intron sequences. <i>Immunological Reviews</i> , 1999, 167, 351-365.	6.0	34
15	A novel mutation in TTC8 is associated with progressive retinal atrophy in the golden retriever. <i>Canine Genetics and Epidemiology</i> , 2014, 1, 4.	2.8	30
16	Tracing the Origin of HLA-DRB1 Alleles by Microsatellite Polymorphism. <i>American Journal of Human Genetics</i> , 1999, 64, 1709-1718.	6.2	26
17	An ABCA4 loss-of-function mutation causes a canine form of Stargardt disease. <i>PLoS Genetics</i> , 2019, 15, e1007873.	3.5	24
18	Whole-Genome Sequencing of a Canine Family Trio Reveals a <i>FAM83G</i> Variant Associated with Hereditary Footpad Hyperkeratosis. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 521-527.	1.8	19

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19	Transcriptional responses in <i>Parascaris univalens</i> after in vitro exposure to ivermectin, pyrantel citrate and thiabendazole. <i>Parasites and Vectors</i> , 2020, 13, 342.	2.5	17
20	Genome-Wide Association Study of Insect Bite Hypersensitivity in Swedish-Born Icelandic Horses. <i>Journal of Heredity</i> , 2015, 106, 366-374.	2.4	16
21	HLA sequence polymorphism and the origin of humans. <i>Science</i> , 1996, 274, 1552-4.	12.6	13
22	Genome-wide analysis of chimpanzee genes with premature termination codons. <i>BMC Genomics</i> , 2009, 10, 56.	2.8	12
23	Progressive retinal atrophy in the Polski Owczarek Nizinny dog: a clinical and genetic study. <i>Veterinary Ophthalmology</i> , 2016, 19, 195-205.	1.0	12
24	Analysis of Intron Sequences at the Class II HLA-DRB1 Locus: Implications for the Age of Allelic Diversity. <i>Hereditas</i> , 2004, 127, 1-5.	1.4	6
25	Assessment of Hereditary Retinal Degeneration in the English Springer Spaniel Dog and Disease Relationship to an RCGRIP1 Mutation. <i>Stem Cells International</i> , 2012, 2012, 1-12.	2.5	6
26	Deletion in the Bardet-Biedl Syndrome Gene TTC8 Results in a Syndromic Retinal Degeneration in Dogs. <i>Genes</i> , 2020, 11, 1090.	2.4	6
27	Evaluation of whole-genome sequencing of four Chinese crested dogs for variant detection using the ion proton system. <i>Canine Genetics and Epidemiology</i> , 2015, 2, 16.	2.8	5
28	The ABCC4 gene is associated with pyometra in golden retriever dogs. <i>Scientific Reports</i> , 2021, 11, 16647.	3.3	5
29	Retinal degeneration in nine Swedish Jämthund dogs. <i>Veterinary Ophthalmology</i> , 2010, 13, 110-116.	1.0	4
30	Evolution of HLA-DRB loci, DRB1 lineages, and alleles: analyses of intron-1 and -2 sequences. , 2000, , 329-346.		1
31	P6000 Whole genome sequencing of canine family trios to identify rare alleles for Mendelian diseases. <i>Journal of Animal Science</i> , 2016, 94, 147-148.	0.5	0
32	Abnormal Appearance of the Area Centralis in Labrador Retrievers With an <i>ABCA4</i> Loss-of-function Mutation. <i>Translational Vision Science and Technology</i> , 2022, 11, 36.	2.2	0