

Åke A Hedhammar

List of Publications by Year in descending order

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84
papers

4,722
citations

117625

34
h-index

102487

66
g-index

90
all docs

90
docs citations

90
times ranked

4757
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel canine reference genome resolves genomic architecture and uncovers transcript complexity. <i>Communications Biology</i> , 2021, 4, 185.	4.4	59
2	The genetic consequences of dog breed formationâ€”Accumulation of deleterious genetic variation and fixation of mutations associated with myxomatous mitral valve disease in cavalier King Charles spaniels. <i>PLoS Genetics</i> , 2021, 17, e1009726.	3.5	12
3	Swedish Experiences From 60 Years of Screening and Breeding Programs for Hip Dysplasiaâ€”Research, Success, and Challenges. <i>Frontiers in Veterinary Science</i> , 2020, 7, 228.	2.2	14
4	Transcriptomes from German shepherd dogs reveal differences in immune activity between atopic dermatitis affected and control skin. <i>Immunogenetics</i> , 2020, 72, 315-323.	2.4	6
5	Whole-genome genotyping and resequencing reveal the association of a deletion in the complex interferon alpha gene cluster with hypothyroidism in dogs. <i>BMC Genomics</i> , 2020, 21, 307.	2.8	8
6	Moving from information and collaboration to action: report from the 4th international dog health workshop, Windsor in May 2019. <i>Canine Medicine and Genetics</i> , 2020, 7, .	4.0	3
7	Disentangling factors that shape the gut microbiota in German Shepherd dogs. <i>PLoS ONE</i> , 2018, 13, e0193507.	2.5	35
8	Comparison of cellular location and expression of Plakophilinâ€”2 in epidermal cells from nonlesional atopic skin and healthy skin in German shepherd dogs. <i>Veterinary Dermatology</i> , 2017, 28, 377.	1.2	5
9	Moving from information and collaboration to action: report from the 3rd International Dog Health Workshop, Paris in April 2017. <i>Canine Genetics and Epidemiology</i> , 2017, 4, 16.	2.8	8
10	Multiple regulatory variants located in cell type-specific enhancers within the PKP2 locus form major risk and protective haplotypes for canine atopic dermatitis in German shepherd dogs. <i>BMC Genetics</i> , 2016, 17, 97.	2.7	8
11	Immunoglobulins in dogs: correspondence and maturation in 15 litters of German shepherd dogs and their dams. <i>Veterinary Record Open</i> , 2016, 3, e000173.	1.0	12
12	Absolute quantification reveals the stable transmission of a high copy number variant linked to autoinflammatory disease. <i>BMC Genomics</i> , 2016, 17, 299.	2.8	6
13	Naturally Occurring Adrenocortical Insufficiency â€” An Epidemiological Study Based on a Swedishâ€”Insured Dog Population of 525,028 Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 76-84.	1.6	46
14	Utilizing the Dog Genome in the Search for Novel Candidate Genes Involved in Glioma Developmentâ€”Genome Wide Association Mapping followed by Targeted Massive Parallel Sequencing Identifies a Strongly Associated Locus. <i>PLoS Genetics</i> , 2016, 12, e1006000.	3.5	54
15	Exploring weight data on over 100,000 Swedish dogs of various breeds. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, O8.	1.6	2
16	Linked genetic variants on chromosome 10 control ear morphology and body mass among dog breeds. <i>BMC Genomics</i> , 2015, 16, 474.	2.8	32
17	Early Exposure to Dogs and Farm Animals and the Risk of Childhood Asthma. <i>JAMA Pediatrics</i> , 2015, 169, e153219.	6.2	109
18	Genome-Wide Analyses Suggest Mechanisms Involving Early B-Cell Development in Canine IgA Deficiency. <i>PLoS ONE</i> , 2015, 10, e0133844.	2.5	14

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19	A Multi-Breed Genome-Wide Association Analysis for Canine Hypothyroidism Identifies a Shared Major Risk Locus on CFA12. PLoS ONE, 2015, 10, e0134720.	2.5	16
20	A Simple Repeat Polymorphism in the MITF-M Promoter Is a Key Regulator of White Spotting in Dogs. PLoS ONE, 2014, 9, e104363.	2.5	50
21	Lack of Evidence for a Role of Islet Autoimmunity in the Aetiology of Canine Diabetes Mellitus. PLoS ONE, 2014, 9, e105473.	2.5	31
22	The dog as a genetic model for immunoglobulin A (IgA) deficiency: Identification of several breeds with low serum IgA concentrations. Veterinary Immunology and Immunopathology, 2014, 160, 255-259.	1.2	27
23	A web resource on DNA tests for canine and feline hereditary diseases. Veterinary Journal, 2013, 197, 182-187.	1.7	21
24	The genomic signature of dog domestication reveals adaptation to a starch-rich diet. Nature, 2013, 495, 360-364.	27.8	805
25	Disease patterns in 32,486 insured German shepherd dogs in Sweden: 1995–2006. Veterinary Record, 2013, 173, 116-116.	0.3	18
26	Genome-Wide Analysis in German Shepherd Dogs Reveals Association of a Locus on CFA 27 with Atopic Dermatitis. PLoS Genetics, 2013, 9, e1003475.	3.5	51
27	Thorough Investigation of a Canine Autoinflammatory Disease (AID) Confirms One Main Risk Locus and Suggests a Modifier Locus for Amyloidosis. PLoS ONE, 2013, 8, e75242.	2.5	12
28	Prevalence and risk factors for the development of diabetes mellitus in Swedish cats. Acta Veterinaria Scandinavica, 2012, 54, 61.	1.6	14
29	Test for personality characteristics in dogs used in research. Journal of Veterinary Behavior: Clinical Applications and Research, 2012, 7, 327-338.	1.2	15
30	Two Loci on Chromosome 5 Are Associated with Serum IgE Levels in Labrador Retrievers. PLoS ONE, 2012, 7, e39176.	2.5	21
31	A breed-matched case-control study of potential risk-factors for canine pyometra. Theriogenology, 2011, 75, 1251-1257.	2.1	40
32	A Frameshift Mutation in Golden Retriever Dogs with Progressive Retinal Atrophy Endorses SLC4A3 as a Candidate Gene for Human Retinal Degenerations. PLoS ONE, 2011, 6, e21452.	2.5	52
33	A Novel Unstable Duplication Upstream of HAS2 Predisposes to a Breed-Defining Skin Phenotype and a Periodic Fever Syndrome in Chinese Shar-Pei Dogs. PLoS Genetics, 2011, 7, e1001332.	3.5	118
34	Regional occurrence, high frequency but low diversity of mitochondrial DNA haplogroup d1 suggests a recent dog-wolf hybridization in Scandinavia. Animal Genetics, 2011, 42, 100-103.	1.7	32
35	Lifestyle risk factors for progesterone-related diabetes mellitus in elkhounds - a case-control study. Journal of Small Animal Practice, 2011, 52, 240-245.	1.2	13
36	Rules, regulations, strategies and activities within the Fédération Cynologique Internationale (FCI) to promote canine genetic health. Veterinary Journal, 2011, 189, 141-146.	1.7	22

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37	International and collaborative strategies to enhance genetic health in purebred dogs. <i>Veterinary Journal</i> , 2011, 189, 189-196.	1.7	31
38	Identification of Genomic Regions Associated with Phenotypic Variation between Dog Breeds using Selection Mapping. <i>PLoS Genetics</i> , 2011, 7, e1002316.	3.5	339
39	Association between radiographic assessment of hip status and subsequent incidence of veterinary care and mortality related to hip dysplasia in insured Swedish dogs. <i>Preventive Veterinary Medicine</i> , 2010, 93, 222-232.	1.9	26
40	Feeding patterns and dietary intake in a random sample of a Swedish population of insured-dogs. <i>Preventive Veterinary Medicine</i> , 2010, 95, 281-287.	1.9	9
41	Energy-intake and activity risk factors for owner-perceived obesity in a defined population of Swedish dogs. <i>Preventive Veterinary Medicine</i> , 2010, 96, 132-141.	1.9	23
42	Increased genetic risk or protection for canine autoimmune lymphocytic thyroiditis in Giant Schnauzers depends on DLA class II genotype. <i>Tissue Antigens</i> , 2010, 75, 712-719.	1.0	26
43	Peripheral administration of pancreatic polypeptide inhibits components of food-intake behavior in dogs. <i>Peptides</i> , 2010, 31, 1055-1061.	2.4	4
44	Diabetes Mellitus in Elkhounds Is Associated with Diestrus and Pregnancy. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 1322-1328.	1.6	39
45	DLA Class II Alleles Are Associated with Risk for Canine Symmetrical Lupoid Onychodystrophy (SLO). <i>PLoS ONE</i> , 2010, 5, e12332.	2.5	20
46	Prevalence of diagnostic characteristics indicating canine autoimmune lymphocytic thyroiditis in giant schnauzer and hovawart dogs. <i>Journal of Small Animal Practice</i> , 2009, 50, 176-179.	1.2	16
47	Cerebrospinal Fluid PCR and Antibody Concentrations against <i>Anaplasma phagocytophilum</i> and <i>Borrelia burgdorferi</i> sensu lato in Dogs with Neurological Signs. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 669-672.	1.6	13
48	Sensory Ataxic Neuropathy in Golden Retriever Dogs Is Caused by a Deletion in the Mitochondrial tRNATyr Gene. <i>PLoS Genetics</i> , 2009, 5, e1000499.	3.5	37
49	The Effect of Early Diet on Canine Atopic Dermatitis (CAD) in Three High-Risk Breeds. <i>Open Dermatology Journal</i> , 2009, 3, 73-80.	0.3	3
50	Gestational Diabetes Mellitus in 13 Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 1296-1300.	1.6	32
51	Seroprevalence of <i>Borrelia burgdorferi</i> sensu lato and <i>Anaplasma phagocytophilum</i> in dogs with neurological signs. <i>Veterinary Record</i> , 2007, 160, 825-831.	0.3	13
52	Diabetes Mellitus in a Population of 180,000 Insured Dogs: Incidence, Survival, and Breed Distribution. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 1209-1216.	1.6	113
53	Efficient mapping of mendelian traits in dogs through genome-wide association. <i>Nature Genetics</i> , 2007, 39, 1321-1328.	21.4	474
54	Duplication of FGF3, FGF4, FGF19 and ORAOV1 causes hair ridge and predisposition to dermoid sinus in Ridgeback dogs. <i>Nature Genetics</i> , 2007, 39, 1318-1320.	21.4	176

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55	A case-control study of risk factors for canine atopic dermatitis among boxer, bullterrier and West Highland white terrier dogs in Sweden. <i>Veterinary Dermatology</i> , 2007, 18, 309-315.	1.2	39
56	Impact of sedation method on the diagnosis of hip and elbow dysplasia in Swedish dogs. <i>Preventive Veterinary Medicine</i> , 2007, 78, 196-209.	1.9	25
57	Diabetes Mellitus in a Population of 180,000 Insured Dogs: Incidence, Survival, and Breed Distribution. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 1209.	1.6	51
58	A Neurologic Syndrome in Golden Retrievers Presenting as a sensory Ataxic Neuropathy. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 1307.	1.6	5
59	Generation of therapeutic antibody responses against IgE in dogs, an animal species with exceptionally high plasma IgE levels. <i>Vaccine</i> , 2006, 24, 66-74.	3.8	24
60	Feeding, Exercise, and Weight Identified as Risk Factors in Canine Diabetes Mellitus. <i>Journal of Nutrition</i> , 2006, 136, 1985S-1987S.	2.9	36
61	Diet, Exercise, and Weight as Risk Factors in Hip Dysplasia and Elbow Arthrosis in Labrador Retrievers. <i>Journal of Nutrition</i> , 2006, 136, 2050S-2052S.	2.9	30
62	Evaluation of kallikrein 7 as a disease-causing gene for canine atopic dermatitis using microsatellite-based association mapping. <i>Animal Genetics</i> , 2006, 37, 601-603.	1.7	2
63	Unequal Contribution of Sexes in the Origin of Dog Breeds. <i>Genetics</i> , 2006, 172, 1121-1128.	2.9	60
64	Incidence of and risk factors for atopic dermatitis in a Swedish population of insured dogs. <i>Veterinary Record</i> , 2006, 159, 241-246.	0.3	66
65	Incidence of and survival after mammary tumors in a population of over 80,000 insured female dogs in Sweden from 1995 to 2002. <i>Preventive Veterinary Medicine</i> , 2005, 69, 109-127.	1.9	167
66	A randomized, controlled study to evaluate the steroid sparing effect of essential fatty acid supplementation in the treatment of canine atopic dermatitis. <i>Veterinary Dermatology</i> , 2004, 15, 137-145.	1.2	70
67	Breed Risk of Pyometra in Insured Dogs in Sweden. <i>Journal of Veterinary Internal Medicine</i> , 2001, 15, 530-538.	1.6	121
68	Repeatability and validity of a combined mail and telephone questionnaire on demographics, diet, exercise and health status in an insured-dog population. <i>Preventive Veterinary Medicine</i> , 2001, 50, 35-51.	1.9	20
69	Breed Risk of Pyometra in Insured Dogs in Sweden. <i>Journal of Veterinary Internal Medicine</i> , 2001, 15, 530.	1.6	55
70	Influence of selective breeding on the Prevalence of chorioretinal dysplasia and coloboma in the rough collie in Sweden. <i>Journal of Small Animal Practice</i> , 2000, 41, 56-59.	1.2	22
71	Clinical, radiological and pathological features of 12 Irish setters with canine leucocyte adhesion deficiency. <i>Journal of Small Animal Practice</i> , 2000, 41, 211-217.	1.2	34
72	Collie eye anomaly in the rough collie in Sweden: genetic transmission and influence on offspring vitality. <i>Journal of Small Animal Practice</i> , 2000, 41, 254-258.	1.2	22

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73	Age pattern of mortality in eight breeds of insured dogs in Sweden. Preventive Veterinary Medicine, 2000, 46, 1-14.	1.9	49
74	Gender, age, breed and distribution of morbidity and mortality in insured dogs in Sweden during 1995 and 1996. Veterinary Record, 2000, 146, 519-525.	0.3	76
75	Gender, age and breed pattern of diagnoses for veterinary care in insured dogs in Sweden during 1996. Veterinary Record, 2000, 146, 551-557.	0.3	51
76	Sero-prevalence of Granulocytic Ehrlichia spp. and Borrelia burgdorferi sensu lato in Swedish Dogs 1991-94. Scandinavian Journal of Infectious Diseases, 2000, 32, 19-25.	1.5	45
77	Clinical efficacy of milbemycin oxime in the treatment of nasal mite infection in dogs. Journal of the American Animal Hospital Association, 1999, 35, 81-84.	1.1	13
78	A Missense Mutation in the Î²-2 Integrin Gene (ITGB2) Causes Canine Leukocyte Adhesion Deficiency. Genomics, 1999, 61, 101-107.	2.9	79
79	Validation of computerized Swedish dog and cat insurance data against veterinary practice records. Preventive Veterinary Medicine, 1998, 36, 51-65.	1.9	77
80	Early manifestations of granulocytic ehrlichiosis in dogs inoculated experimentally with a Swedish Ehrlichia species isolate. Veterinary Record, 1998, 143, 412-417.	0.3	61
81	Clinical features and serology of 14 dogs affected by granulocytic ehrlichiosis in Sweden. Veterinary Record, 1997, 140, 222-226.	0.3	81
82	Mortality in insured Swedish dogs: rates and causes of death in various breeds. Veterinary Record, 1997, 141, 40-44.	0.3	85
83	Progressive nephropathy due to renal dysplasia in shih tzu dogs in Sweden: A clinical pathological and genetic study. Journal of Small Animal Practice, 1990, 31, 83-91.	1.2	30
84	Enterotoxigenic Escherichia coli (ETEC) and Klebsiella pneumoniae isolated from dogs with diarrhoea. Veterinary Microbiology, 1985, 10, 577-589.	1.9	22