

# 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	The genomic signature of dog domestication reveals adaptation to a starch-rich diet. <i>Nature</i> , 2013, 495, 360-364.	27.8	805
2	Efficient mapping of mendelian traits in dogs through genome-wide association. <i>Nature Genetics</i> , 2007, 39, 1321-1328.	21.4	474
3	Identification of Genomic Regions Associated with Phenotypic Variation between Dog Breeds using Selection Mapping. <i>PLoS Genetics</i> , 2011, 7, e1002316.	3.5	339
4	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
5	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
6	Breed Risk of Pyometra in Insured Dogs in Sweden. <i>Journal of Veterinary Internal Medicine</i> , 2001, 15, 530-538.	1.6	121
7	A Novel Unstable Duplication Upstream of HAS2 Predisposes to a Breed-Defining Skin Phenotype and a Periodic Fever Syndrome in Chinese Shar-Pei Dogs. <i>PLoS Genetics</i> , 2011, 7, e1001332.	3.5	118
8	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
9	Early Exposure to Dogs and Farm Animals and the Risk of Childhood Asthma. <i>JAMA Pediatrics</i> , 2015, 169, e153219.	6.2	109
10	Mortality in insured Swedish dogs: rates and causes of death in various breeds. <i>Veterinary Record</i> , 1997, 141, 40-44.	0.3	85
11	Clinical features and serology of 14 dogs affected by granulocytic ehrlichiosis in Sweden. <i>Veterinary Record</i> , 1997, 140, 222-226.	0.3	81
12	A Missense Mutation in the $\beta$ 2-2 Integrin Gene (ITGB2) Causes Canine Leukocyte Adhesion Deficiency. <i>Genomics</i> , 1999, 61, 101-107.	2.9	79
13	Validation of computerized Swedish dog and cat insurance data against veterinary practice records. <i>Preventive Veterinary Medicine</i> , 1998, 36, 51-65.	1.9	77
14	Gender, age, breed and distribution of morbidity and mortality in insured dogs in Sweden during 1995 and 1996. <i>Veterinary Record</i> , 2000, 146, 519-525.	0.3	76
15	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
16	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
17	Early manifestations of granulocytic ehrlichiosis in dogs inoculated experimentally with a Swedish Ehrlichia species isolate. <i>Veterinary Record</i> , 1998, 143, 412-417.	0.3	61
18	Unequal Contribution of Sexes in the Origin of Dog Breeds. <i>Genetics</i> , 2006, 172, 1121-1128.	2.9	60

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19	A novel canine reference genome resolves genomic architecture and uncovers transcript complexity. <i>Communications Biology</i> , 2021, 4, 185.	4.4	59
20	Breed Risk of Pyometra in Insured Dogs in Sweden. <i>Journal of Veterinary Internal Medicine</i> , 2001, 15, 530.	1.6	55
21	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
22	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
23	Gender, age and breed pattern of diagnoses for veterinary care in insured dogs in Sweden during 1996. <i>Veterinary Record</i> , 2000, 146, 551-557.	0.3	51
24	Genome-Wide Analysis in German Shepherd Dogs Reveals Association of a Locus on CFA 27 with Atopic Dermatitis. <i>PLoS Genetics</i> , 2013, 9, e1003475.	3.5	51
25	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
26	A Simple Repeat Polymorphism in the MITF-M Promoter Is a Key Regulator of White Spotting in Dogs. <i>PLoS ONE</i> , 2014, 9, e104363.	2.5	50
27	Age pattern of mortality in eight breeds of insured dogs in Sweden. <i>Preventive Veterinary Medicine</i> , 2000, 46, 1-14.	1.9	49
28	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
29	Sero-prevalence of Granulocytic Ehrlichia spp. and Borrelia burgdorferi sensu lato in Swedish Dogs 1991-94. <i>Scandinavian Journal of Infectious Diseases</i> , 2000, 32, 19-25.	1.5	45
30	A breed-matched case-control study of potential risk-factors for canine pyometra. <i>Theriogenology</i> , 2011, 75, 1251-1257.	2.1	40
31	A caseâ€”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
32	Diabetes Mellitus in Elkhounds Is Associated with Diestrus and Pregnancy. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 1322-1328.	1.6	39
33	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
34	Feeding, Exercise, and Weight Identified as Risk Factors in Canine Diabetes Mellitus. <i>Journal of Nutrition</i> , 2006, 136, 1985S-1987S.	2.9	36
35	Disentangling factors that shape the gut microbiota in German Shepherd dogs. <i>PLoS ONE</i> , 2018, 13, e0193507.	2.5	35
36	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

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37	Gestational Diabetes Mellitus in 13 Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 1296-1300.	1.6	32
38	Regional occurrence, high frequency but low diversity of mitochondrial DNA haplogroup d1 suggests a recent dog-wolf hybridization in Scandinavia. <i>Animal Genetics</i> , 2011, 42, 100-103.	1.7	32
39	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
40	International and collaborative strategies to enhance genetic health in purebred dogs. <i>Veterinary Journal</i> , 2011, 189, 189-196.	1.7	31
41	Lack of Evidence for a Role of Islet Autoimmunity in the Aetiology of Canine Diabetes Mellitus. <i>PLoS ONE</i> , 2014, 9, e105473.	2.5	31
42	Progressive nephropathy due to renal dysplasia in shih tzu dogs in Sweden: A clinical pathological and genetic study. <i>Journal of Small Animal Practice</i> , 1990, 31, 83-91.	1.2	30
43	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
44	The dog as a genetic model for immunoglobulin A (IgA) deficiency: Identification of several breeds with low serum IgA concentrations. <i>Veterinary Immunology and Immunopathology</i> , 2014, 160, 255-259.	1.2	27
45	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
46	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
47	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
48	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
49	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
50	Enterotoxigenic <i>Escherichia coli</i> (ETEC) and <i>Klebsiella pneumoniae</i> isolated from dogs with diarrhoea. <i>Veterinary Microbiology</i> , 1985, 10, 577-589.	1.9	22
51	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
52	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
53	Rules, regulations, strategies and activities within the Fédération Cynologique Internationale (FCI) to promote canine genetic health. <i>Veterinary Journal</i> , 2011, 189, 141-146.	1.7	22
54	Two Loci on Chromosome 5 Are Associated with Serum IgE Levels in Labrador Retrievers. <i>PLoS ONE</i> , 2012, 7, e39176.	2.5	21

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55	A web resource on DNA tests for canine and feline hereditary diseases. <i>Veterinary Journal</i> , 2013, 197, 182-187.	1.7	21
56	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
57	DLA Class II Alleles Are Associated with Risk for Canine Symmetrical Lupoid Onychodystrophy (SLO). <i>PLoS ONE</i> , 2010, 5, e12332.	2.5	20
58	Disease patterns in 32,486 insured German shepherd dogs in Sweden: 1995–2006. <i>Veterinary Record</i> , 2013, 173, 116-116.	0.3	18
59	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
60	A Multi-Breed Genome-Wide Association Analysis for Canine Hypothyroidism Identifies a Shared Major Risk Locus on CFA12. <i>PLoS ONE</i> , 2015, 10, e0134720.	2.5	16
61	Test for personality characteristics in dogs used in research. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2012, 7, 327-338.	1.2	15
62	Prevalence and risk factors for the development of diabetes mellitus in Swedish cats. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, 61.	1.6	14
63	Swedish Experiences From 60 Years of Screening and Breeding Programs for Hip Dysplasia—Research, Success, and Challenges. <i>Frontiers in Veterinary Science</i> , 2020, 7, 228.	2.2	14
64	Genome-Wide Analyses Suggest Mechanisms Involving Early B-Cell Development in Canine IgA Deficiency. <i>PLoS ONE</i> , 2015, 10, e0133844.	2.5	14
65	Clinical efficacy of milbemycin oxime in the treatment of nasal mite infection in dogs. <i>Journal of the American Animal Hospital Association</i> , 1999, 35, 81-84.	1.1	13
66	Seroprevalence of <i>Borrelia burgdorferi sensu lato</i> and <i>Anaplasma phagocytophilum</i> in dogs with neurological signs. <i>Veterinary Record</i> , 2007, 160, 825-831.	0.3	13
67	Cerebrospinal Fluid PCR and Antibody Concentrations against <i>Anaplasma phagocytophilum</i> and <i>Borrelia burgdorferi sensu lato</i> in Dogs with Neurological Signs. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 669-672.	1.6	13
68	Lifestyle risk factors for progesterone-related diabetes mellitus in elkhounds - a case-control study. <i>Journal of Small Animal Practice</i> , 2011, 52, 240-245.	1.2	13
69	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
70	The genetic consequences of dog breed formation—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
71	Thorough Investigation of a Canine Autoinflammatory Disease (AID) Confirms One Main Risk Locus and Suggests a Modifier Locus for Amyloidosis. <i>PLoS ONE</i> , 2013, 8, e75242.	2.5	12
72	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

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73	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
74	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
75	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
76	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
77	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
78	Comparison of cellular location and expression of Plakophilin-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
79	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
80	Peripheral administration of pancreatic polypeptide inhibits components of food-intake behavior in dogs. <i>Peptides</i> , 2010, 31, 1055-1061.	2.4	4
81	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
82	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
83	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
84	Exploring weight data on over 100,000 Swedish dogs of various breeds. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, 08.	1.6	2