

# Göran Andersson

## List of Publications by Year in descending order

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113  
papers

4,770  
citations

126907

33  
h-index

102487

66  
g-index

119  
all docs

119  
docs citations

119  
times ranked

4866  
citing authors

#	ARTICLE	IF	CITATIONS
1	A regulatory mutation in IGF2 causes a major QTL effect on muscle growth in the pig. <i>Nature</i> , 2003, 425, 832-836.	27.8	791
2	Efficient mapping of mendelian traits in dogs through genome-wide association. <i>Nature Genetics</i> , 2007, 39, 1321-1328.	21.4	474
3	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
4	Porcine Endogenous Retrovirus Transmission Characteristics of an Inbred Herd of Miniature Swine. <i>Journal of Virology</i> , 2002, 76, 3045-3048.	3.4	171
5	Exon-intron organization and complete nucleotide sequence of a human major histocompatibility antigen DC beta gene.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1983, 80, 7313-7317.	7.1	159
6	Class II genes of the human major histocompatibility complex. Organization and evolutionary relationship of the DR beta genes. <i>Journal of Biological Chemistry</i> , 1987, 262, 8748-58.	3.4	152
7	ZBED6, a Novel Transcription Factor Derived from a Domesticated DNA Transposon Regulates IGF2 Expression and Muscle Growth. <i>PLoS Biology</i> , 2009, 7, e1000256.	5.6	149
8	HLA-DR beta genes vary in number between different DR specificities, whereas the number of DQ beta genes is constant. <i>Journal of Immunology</i> , 1985, 135, 2149-55.	0.8	142
9	A Deletion in the Canine POMC Gene Is Associated with Weight and Appetite in Obesity-Prone Labrador Retriever Dogs. <i>Cell Metabolism</i> , 2016, 23, 893-900.	16.2	117
10	Genome-wide association mapping identifies multiple loci for a canine SLE-related disease complex. <i>Nature Genetics</i> , 2010, 42, 250-254.	21.4	99
11	Genomic hybridization with class II transplantation antigen cDNA probes as a complementary technique in tissue typing. <i>Human Immunology</i> , 1984, 11, 57-67.	2.4	93
12	Class II genes of the human major histocompatibility complex. Comparisons of the DQ and DX alpha and beta genes. <i>Journal of Biological Chemistry</i> , 1987, 262, 8767-77.	3.4	85
13	Retroelements in the human MHC class II region. <i>Trends in Genetics</i> , 1998, 14, 109-114.	6.7	81
14	Beneficial Role of Human Endogenous Retroviruses: Facts and Hypotheses. <i>Scandinavian Journal of Immunology</i> , 1998, 48, 329-338.	2.7	70
15	Evolution of the human HLA-DR region. <i>Frontiers in Bioscience - Landmark</i> , 1998, 3, d739-745.	3.0	70
16	A functional regulatory variant of MYH3 influences muscle fiber-type composition and intramuscular fat content in pigs. <i>PLoS Genetics</i> , 2019, 15, e1008279.	3.5	66
17	Identification of Novel Porcine Endogenous Betaretrovirus Sequences in Miniature Swine. <i>Journal of Virology</i> , 2001, 75, 2765-2770.	3.4	63
18	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

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19	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
20	Nonmyeloablative conditioning is sufficient to allow engraftment of EGFP-expressing bone marrow and subsequent acceptance of EGFP-transgenic skin grafts in mice. <i>Blood</i> , 2003, 101, 4305-4312.	1.4	50
21	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
22	NF-X2 that binds to the DRA X2-box is activator protein 1. Expression cloning of c-Jun. <i>Journal of Immunology</i> , 1990, 145, 3456-62.	0.8	50
23	MHC class II polymorphism is associated with a canine SLE-related disease complex. <i>Immunogenetics</i> , 2009, 61, 557-564.	2.4	48
24	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
25	On the Origin of Indonesian Cattle. <i>PLoS ONE</i> , 2009, 4, e5490.	2.5	46
26	Banteng and Bali Cattle in Indonesia: Status and Forecasts. <i>Reproduction in Domestic Animals</i> , 2012, 47, 2-6.	1.4	45
27	ZBED Evolution: Repeated Utilization of DNA Transposons as Regulators of Diverse Host Functions. <i>PLoS ONE</i> , 2013, 8, e59940.	2.5	43
28	Conserved structure and inferred evolutionary history of long terminal repeats (LTRs). <i>Mobile DNA</i> , 2013, 4, 5.	3.6	41
29	Molecular analysis of human class II transplantation antigens and their genes. <i>Human Immunology</i> , 1983, 8, 95-103.	2.4	39
30	Simplifying genetic locus assignment of HLA-DRB genes. <i>Trends in Immunology</i> , 1994, 15, 58-62.	7.5	39
31	Diabetes Mellitus in Elkhounds Is Associated with Diestrus and Pregnancy. <i>Journal of Veterinary Internal Medicine</i> , 2010, 24, 1322-1328.	1.6	39
32	Extended exome sequencing identifies <i>BACH2</i> as a novel major risk locus for Addison's disease. <i>Journal of Internal Medicine</i> , 2016, 280, 595-608.	6.0	37
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	Activated Transcription of the Human Neuropeptide Y Gene in Differentiating SH-SY5Y Neuroblastoma Cells Is Dependent on Transcription Factors AP-1, AP-2, and NGFI. <i>Journal of Neurochemistry</i> , 1998, 70, 1887-1897.	3.9	34
35	Engraftment of retroviral EGFP-transduced bone marrow in mice prevents rejection of EGFP-transgenic skin grafts. <i>Molecular Therapy</i> , 2003, 8, 385-391.	8.2	34
36	Evolutionary relationship between human major histocompatibility complex HLA-DR haplotypes. <i>Immunogenetics</i> , 1996, 43, 304-314.	2.4	33

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37	The First Sequenced Carnivore Genome Shows Complex Host-Endogenous Retrovirus Relationships. PLoS ONE, 2011, 6, e19832.	2.5	32
38	Primate DRB genes from the DR3 and DR8 haplotypes contain ERV9 LTR elements at identical positions. Immunogenetics, 1995, 41, 74-82.	2.4	31
39	Lack of Evidence for a Role of Islet Autoimmunity in the Aetiology of Canine Diabetes Mellitus. PLoS ONE, 2014, 9, e105473.	2.5	31
40	Genomic relatedness and diversity of Swedish native cattle breeds. Genetics Selection Evolution, 2019, 51, 56.	3.0	31
41	An Uncertainty Management Framework for Integrated Gas-Electric Energy Systems. Proceedings of the IEEE, 2020, 108, 1518-1540.	21.3	31
42	Human GAP-43 Gene Expression: Multiple Start Sites for Initiation of Transcription in Differentiating Human Neuroblastoma Cells. Molecular and Cellular Neurosciences, 1993, 4, 549-561.	2.2	30
43	Differential gene expression in bovine endometrial epithelial cells after challenge with LPS; specific implications for genes involved in embryo maternal interactions. PLoS ONE, 2019, 14, e0222081.	2.5	29
44	Transcriptional regulation of HLA class-II genes. Immunologic Research, 1990, 9, 164-177.	2.9	27
45	Autosomal dominant mutation causing the dorsal ridge predisposes for dermoid sinus in Rhodesian ridgeback dogs. Journal of Small Animal Practice, 2006, 47, 184-188.	1.2	26
46	Increased genetic risk or protection for canine autoimmune lymphocytic thyroiditis in Giant Schnauzers depends on DLA class II genotype. Tissue Antigens, 2010, 75, 712-719.	1.0	26
47	Generation of therapeutic antibody responses against IgE in dogs, an animal species with exceptionally high plasma IgE levels. Vaccine, 2006, 24, 66-74.	3.8	24
48	An ABCA4 loss-of-function mutation causes a canine form of Stargardt disease. PLoS Genetics, 2019, 15, e1007873.	3.5	24
49	The Origin of Indonesian Cattle and Conservation Genetics of the Bali Cattle Breed. Reproduction in Domestic Animals, 2012, 47, 18-20.	1.4	23
50	Common genetic variation in the autoimmune regulator (AIRE) locus is associated with autoimmune Addison's disease in Sweden. Scientific Reports, 2018, 8, 8395.	3.3	22
51	Fundamental Analysis of Voltage and Power Stability of Single-Infeed Voltage-Source Converter HVDC Systems. IEEE Transactions on Power Delivery, 2019, 34, 365-375.	4.3	22
52	The single DR $\beta$ gene of the DRw8 haplotype is closely related to the DR $\beta$ 3III gene encoding DRw52. Immunogenetics, 1988, 28, 1-5.	2.4	21
53	Two Loci on Chromosome 5 Are Associated with Serum IgE Levels in Labrador Retrievers. PLoS ONE, 2012, 7, e39176.	2.5	21
54	<i>Microphthalmia</i> -associated transcription factor mutations are associated with white-spotted coat color in swamp buffalo. Animal Genetics, 2015, 46, 676-682.	1.7	21

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55	Multiple Changes of Gene Expression and Function Reveal Genomic and Phenotypic Complexity in SLE-like Disease. <i>PLoS Genetics</i> , 2015, 11, e1005248.	3.5	21
56	The functional role of insulin in fertility and embryonic development—What can we learn from the bovine model?. <i>Theriogenology</i> , 2016, 86, 457-464.	2.1	21
57	LPS-treatment of bovine endometrial epithelial cells causes differential DNA methylation of genes associated with inflammation and endometrial function. <i>BMC Genomics</i> , 2020, 21, 385.	2.8	21
58	Characterization of three separated exons in the HLA class II DR region of the human major histocompatibility complex. <i>Human Immunology</i> , 1995, 42, 254-264.	2.4	20
59	IGF2 antisense transcript expression in porcine postnatal muscle is affected by a quantitative trait nucleotide in intron 3. <i>Genomics</i> , 2004, 84, 1021-1029.	2.9	20
60	DLA Class II Alleles Are Associated with Risk for Canine Symmetrical Lupoid Onychodystrophy (SLO). <i>PLoS ONE</i> , 2010, 5, e12332.	2.5	20
61	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
62	ZBED6 Modulates the Transcription of Myogenic Genes in Mouse Myoblast Cells. <i>PLoS ONE</i> , 2014, 9, e94187.	2.5	19
63	ZBED6. <i>Transcription</i> , 2010, 1, 144-148.	3.1	18
64	Insulin during in vitro oocyte maturation has an impact on development, mitochondria, and cytoskeleton in bovine day 8 blastocysts. <i>Theriogenology</i> , 2017, 101, 15-25.	2.1	17
65	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
66	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
67	EGFP-transduced EL-4 cells from tumors in C57BL/6 mice. <i>Gene Therapy</i> , 2001, 8, 1814-1815.	4.5	15
68	ILF2 and ILF3 are autoantigens in canine systemic autoimmune disease. <i>Scientific Reports</i> , 2018, 8, 4852.	3.3	15
69	Role of the X2 box in activated transcription from the DRA promoter in B cells. <i>Immunogenetics</i> , 1997, 46, 318-325.	2.4	13
70	Chromosomal distribution, localization and expression of the human endogenous retrovirus ERV9. <i>Cytogenetic and Genome Research</i> , 2001, 92, 89-96.	1.1	12
71	Presence of Retroelements Reveal the Evolutionary History of the Human DR Haplotypes. <i>Hereditas</i> , 2004, 127, 113-124.	1.4	12
72	Pig islet xenotransplantation: activation of porcine endogenous retrovirus in the immediate post-transplantation period. <i>Xenotransplantation</i> , 2005, 12, 450-456.	2.8	12

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73	A rare regulatory variant in the MEF2D gene affects gene regulation and splicing and is associated with a SLE sub-phenotype in Swedish cohorts. <i>European Journal of Human Genetics</i> , 2019, 27, 432-441.	2.8	12
74	The $\hat{I}^2$ -Gal Interferon Assay: A New, Precise, and Sensitive Method. <i>Journal of Interferon and Cytokine Research</i> , 1998, 18, 451-460.	1.2	10
75	Genome Sequence of <i>Streptococcus agalactiae</i> Strain O9mas018883, Isolated from a Swedish Cow. <i>Genome Announcements</i> , 2013, 1, .	0.8	10
76	Insulin exposure during in vitro bovine oocyte maturation changes blastocyst gene expression and developmental potential. <i>Reproduction, Fertility and Development</i> , 2017, 29, 876.	0.4	10
77	Analysis of the transcriptome of bovine endometrial cells isolated by laser micro-dissection (1): specific signatures of stromal, glandular and luminal epithelial cells. <i>BMC Genomics</i> , 2021, 22, 451.	2.8	10
78	The role of protein kinase C signaling in activated DRA transcription. <i>Journal of Immunology</i> , 1998, 161, 4819-24.	0.8	10
79	Genome Sequences of Two Pathogenic <i>Streptococcus agalactiae</i> Isolates from the One-Humped Camel <i>Camelus dromedarius</i> . <i>Genome Announcements</i> , 2013, 1, .	0.8	9
80	Elevated non-esterified fatty acids impair survival and promote lipid accumulation and pro-inflammatory cytokine production in bovine endometrial epithelial cells. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1770.	0.4	9
81	DNA methylation pattern of bovine blastocysts associated with hyperinsulinemia in vitro. <i>Molecular Reproduction and Development</i> , 2018, 85, 599-611.	2.0	9
82	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
83	Multienergy Systems. <i>Proceedings of the IEEE</i> , 2020, 108, 1387-1391.	21.3	8
84	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
85	Analysis of the transcriptome of bovine endometrial cells isolated by laser micro-dissection (2): impacts of post-partum negative energy balance on stromal, glandular and luminal epithelial cells. <i>BMC Genomics</i> , 2021, 22, 450.	2.8	7
86	Introgression contributes to distribution of structural variations in cattle. <i>Genomics</i> , 2021, 113, 3092-3102.	2.9	7
87	Transcriptome profiling of Finnsheep ovaries during out-of-season breeding period. <i>Agricultural and Food Science</i> , 2015, 24, 1-9.	0.9	7
88	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
89	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
90	Evolutionary relationship between human major histocompatibility complex HLA-DR haplotypes. <i>Immunogenetics</i> , 1996, 43, 304-314.	2.4	6

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91	MHC Class II is an Important Genetic Risk Factor for Canine Systemic Lupus Erythematosus (SLE)-Related Disease: Implications for Reproductive Success. <i>Reproduction in Domestic Animals</i> , 2012, 47, 27-30.	1.4	5
92	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
93	The use of endogenous retroviruses as markers to describe the genetic relationships among local Swedish sheep breeds. <i>Animal Genetics</i> , 2015, 46, 220-223.	1.7	5
94	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
95	The ABCC4 gene is associated with pyometra in golden retriever dogs. <i>Scientific Reports</i> , 2021, 11, 16647.	3.3	5
96	Expression of xenogeneic MHC class II molecules in HLA-DR+ and -DR- cells: influence of retrovirus vector design and cellular context. <i>Xenotransplantation</i> , 2002, 9, 115-124.	2.8	4
97	Insulin concentrations used in in vitro embryo production systems: a pilot study on insulin stability with an emphasis on concentrations measured in vivo. <i>Acta Veterinaria Scandinavica</i> , 2016, 58, 66.	1.6	4
98	Lipid profile of bovine blastocysts exposed to insulin during in vitro oocyte maturation. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1253.	0.4	4
99	Possible Transmission of Zoonoses in Xenotransplantation: Porcine Endogenous Retroviruses (PERVs) from an Immunological Point of View. <i>Acta Veterinaria Scandinavica</i> , 2004, 45, S27.	1.6	3
100	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
101	In silico analysis of the dog genome identifies Canine Endogenous Retroviruses (CfERVs). <i>Retrovirology</i> , 2009, 6, P7.	2.0	2
102	Differential Gene Expression Analysis in Bovine Endometrial Epithelial Cells Following by E. Coli LPS Challenge. <i>Research on Animal Production</i> , 2018, 8, 121-130.	0.0	2
103	Editorial. <i>Reproduction in Domestic Animals</i> , 2012, 47, 1-1.	1.4	1
104	Hyperinsulinemia during in vitro oocyte maturation changes gene expression of insulin signaling in bovine Day-8 embryos. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, O10.	1.6	1
105	A comparison study of insulin concentrations in follicular fluid, serum and in vitro-production of bovine embryos – risks of generating unfavourable metabolic conditions during early development. <i>Acta Veterinaria Scandinavica</i> , 2015, 57, P5.	1.6	1
106	Evidence for two protein coding transcripts at the Igf2as locus. <i>Gene Reports</i> , 2016, 4, 60-66.	0.8	1
107	Organization and Evolution of the HLA-DRB Genes. , 1991, , 299-311.		1
108	Letter to the editor. <i>Immunogenetics</i> , 1991, 34, 66-67.	2.4	0

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109	Targeted transgene expression using the human HLA-DRA promoter in a retroviral vector. Transplantation Proceedings, 2000, 32, 1041-1042.	0.6	0
110	P4006 Equine major histocompatibility complex class II region: Long-read sequencing and annotation of nine bacterial artificial chromosome clones. Journal of Animal Science, 2016, 94, 82-82.	0.5	0
111	Theranostic Instrument based on the Combination of Low and High Frequency EM-bio interaction for Bone Defects Analysis and Healing. , 2018, , .		0
112	Laser Microdissection of Pancreatic Islets Allows for Quantitative Real-Time PCR Detection of Islet-Specific Gene Expression in Healthy and Diabetic Cats. Journal of Gastroenterology, Pancreatology & Liver Disorders, 2014, 1, .	0.2	0
113	113 Specific Impacts of Mild Feed Restriction on Gene Expression of Endometrial Luminal, Glandular and Stromal Cells in Postpartum Dairy Cows. Reproduction, Fertility and Development, 2018, 30, 196.	0.4	0