

# Christine Baes

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

1,333

citations

17

h-index

34

g-index

95

ext. papers

1,991

ext. citations

3.2

avg, IF

5.99

L-index

#	Paper	IF	Citations
88	A 100-Year Review: Identification and genetic selection of economically important traits in dairy cattle. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 10251-10271	4	154
87	PSX-B-19 Behaviour of cows while being tested for methane emissions using the greenfeed system. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 220-221	0.7	78
86	31 Gametic Incompatibility: Improving the Success of Mate Allocation in Dairy Cattle. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 16-17	0.7	78
85	54 Genetics Reloaded: Large-scale Collection of Novel Phenotypes in Turkey. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 29-30	0.7	78
84	PSVIII-7 Genetic parameters for health traits in dairy calves. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 240-240	0.7	78
83	43 Single and Multiple-breed Genomic Predictions for Conformation Traits of Canadian Dairy Goats. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 27-28	0.7	78
82	The impact of Animal Frontiers on the Canadian Society of Animal Science. <i>Animal Frontiers</i> , <b>2020</b> , 10, 3-3	5.5	78
81	Invited review: Inbreeding in the genomics era: Inbreeding, inbreeding depression, and management of genomic variability. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 6009-6024	4	70
80	Inbreeding and runs of homozygosity before and after genomic selection in North American Holstein cattle. <i>BMC Genomics</i> , <b>2018</b> , 19, 98	4.5	61
79	A meta-analysis examining effects of particle size of total mixed rations on intake, rumen digestion and milk production in high-yielding dairy cows in early lactation. <i>Animal Feed Science and Technology</i> , <b>2007</b> , 138, 137-161	3	45
78	Evaluation of variant identification methods for whole genome sequencing data in dairy cattle. <i>BMC Genomics</i> , <b>2014</b> , 15, 948	4.5	37
77	The demand of laying hens for feathers and wood shavings. <i>Applied Animal Behaviour Science</i> , <b>2006</b> , 101, 102-110	2.2	29
76	Effect of genomic selection on rate of inbreeding and coancestry and effective population size of Holstein and Jersey cattle populations. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 5183-5199	4	27
75	Association between single nucleotide polymorphisms in the CXCR1 gene and somatic cell score in Holstein dairy cattle. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 4018-22	4	19
74	Invited review: Determination of large-scale individual dry matter intake phenotypes in dairy cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 7655-7663	4	18
73	Genetics and genomics of reproductive disorders in Canadian Holstein cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 1341-1353	4	18
72	Symposium review: Exploiting homozygosity in the era of genomics-Selection, inbreeding, and mating programs. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 5302-5313	4	17

71	Comparison of genomic predictions for lowly heritable traits using multi-step and single-step genomic best linear unbiased predictor in Holstein cattle. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 8076-8086 <sup>4</sup>		16
70	Symposium review: The choice and collection of new relevant phenotypes for fertility selection. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 3722-3734	4	15
69	Quantitative trait loci mapping of calving and conformation traits on Bos taurus autosome 18 in the German Holstein population. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 1205-15	4	15
68	Invited review: Reproductive and genomic technologies to optimize breeding strategies for genetic progress in dairy cattle. <i>Archives Animal Breeding</i> , <b>2018</b> , 61, 43-57	1.6	15
67	Effect of recent and ancient inbreeding on production and fertility traits in Canadian Holsteins. <i>BMC Genomics</i> , <b>2020</b> , 21, 605	4.5	15
66	A Description of Laying Hen Husbandry and Management Practices in Canada. <i>Animals</i> , <b>2018</b> , 8,	3.1	12
65	The dynamic behavior of feed efficiency in primiparous dairy cattle. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 1528-1540	4	12
64	Review: Genetic selection of high-yielding dairy cattle toward sustainable farming systems in a rapidly changing world. <i>Animal</i> , <b>2021</b> , 15, 100292	3.1	12
63	Genome-wide association study and in silico functional analysis of the number of embryos produced by Holstein donors. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 7248-7257	4	11
62	A large interactive visual database of copy number variants discovered in taurine cattle. <i>GigaScience</i> , <b>2019</b> , 8,	7.6	11
61	Single-Step Methodology for Genomic Evaluation in Turkeys (). <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1248	4.5	10
60	Optimizing Selection of the Reference Population for Genotype Imputation From Array to Sequence Variants. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 510	4.5	9
59	Development of a Scoring System to Assess Feather Damage in Canadian Laying Hen Flocks. <i>Animals</i> , <b>2019</b> , 9,	3.1	9
58	Identification of a two-marker-haplotype on Bos taurus autosome 18 associated with somatic cell score in German Holstein cattle. <i>BMC Genetics</i> , <b>2009</b> , 10, 50	2.6	9
57	Estimating the effect of the deleterious recessive haplotypes AH1 and AH2 on reproduction performance of Ayrshire cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 5315-5322	4	8
56	Candidate gene association analyses for ketosis resistance in Holsteins. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 5240-5249	4	8
55	Genetic mechanisms underlying feed utilization and implementation of genomic selection for improved feed efficiency in dairy cattle. <i>Canadian Journal of Animal Science</i> , <b>2020</b> , 100, 587-604	0.9	7
54	Short communication: Characterizing ovine serum stress biomarkers during endotoxemia. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 5501-5508	4	7

53	Estimation of additive and non-additive genetic effects for fertility and reproduction traits in North American Holstein cattle using genomic information. <i>Journal of Animal Breeding and Genetics</i> , <b>2020</b> , 137, 316-330	2.9	7
52	Housing and Management of Turkey Flocks in Canada. <i>Animals</i> , <b>2020</b> , 10,	3.1	7
51	An Investigation of Associations Between Management and Feather Damage in Canadian Laying Hens Housed in Furnished Cages. <i>Animals</i> , <b>2019</b> , 9,	3.1	6
50	High confidence copy number variants identified in Holstein dairy cattle from whole genome sequence and genotype array data. <i>Scientific Reports</i> , <b>2020</b> , 10, 8044	4.9	6
49	Genetic and genomic analysis of hyperthelia in Brown Swiss cattle. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 402-411	4	6
48	Refined positioning of a quantitative trait locus affecting somatic cell score on chromosome 18 in the German Holstein using linkage disequilibrium. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 4046-54	4	6
47	A cross-sectional study on feather cover damage in Canadian laying hens in non-cage housing systems. <i>BMC Veterinary Research</i> , <b>2019</b> , 15, 435	2.7	6
46	Farmers' Perceptions About Health and Welfare Issues in Turkey Production. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 332	3.1	5
45	Short communication: Genetic correlations between number of embryos produced using in vivo and in vitro techniques in heifer and cow donors. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 8222-8226	4	5
44	Use of a single-step approach for integrating foreign information into national genomic evaluation in Holstein cattle. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 8175-8183	4	5
43	A two-step approach to map quantitative trait loci for meat quality in connected porcine F(2) crosses considering main and epistatic effects. <i>Animal Genetics</i> , <b>2013</b> , 44, 14-23	2.5	5
42	Research Note: Quantifying corticosterone in turkey ( <i>Meleagris gallopavo</i> ) feathers using ELISA. <i>Poultry Science</i> , <b>2020</b> , 99, 5261-5264	3.9	5
41	Identification of unique ROH regions with unfavorable effects on production and fertility traits in Canadian Holsteins. <i>Genetics Selection Evolution</i> , <b>2021</b> , 53, 68	4.9	5
40	Genetic correlations among selected traits in Canadian Holsteins. <i>Canadian Journal of Animal Science</i> , <b>2019</b> , 99, 693-704	0.9	4
39	Genetic parameters for clutch and broodiness traits in turkeys ( <i>Meleagris Gallopavo</i> ) and their relationship with body weight and egg production. <i>Poultry Science</i> , <b>2019</b> , 98, 6263-6269	3.9	4
38	Genetic analysis for quality of frozen embryos produced by Holstein cattle donors in Canada. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 7320-7329	4	4
37	A genetic evaluation of growth, ultrasound, and carcass traits at alternative slaughter endpoints in crossbred heavy lambs. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 521-535	0.7	4
36	Determining the economic value of daily dry matter intake and associated methane emissions in dairy cattle. <i>Animal</i> , <b>2020</b> , 14, 171-179	3.1	4

35	Housing and Management Practices on 33 Pullet Farms in Canada. <i>Animals</i> , <b>2019</b> , 9,	3.1	3
34	Genetic Variants Affecting Skeletal Morphology in Domestic Dogs. <i>Trends in Genetics</i> , <b>2020</b> , 36, 598-609	8.5	3
33	Refined mapping of a QTL for somatic cell score on BTA27 in the German Holstein using combined linkage and linkage disequilibrium analysis. <i>Canadian Journal of Animal Science</i> , <b>2010</b> , 90, 169-178	0.9	3
32	Single-step genomic evaluation of milk production traits in Canadian Alpine and Saanen dairy goats.. <i>Journal of Dairy Science</i> , <b>2022</b> ,	4	3
31	Discovering lethal alleles across the turkey genome using a transmission ratio distortion approach. <i>Animal Genetics</i> , <b>2020</b> , 51, 876-889	2.5	3
30	Are Turkeys () Motivated to Avoid Excreta-Soiled Substrate?. <i>Animals</i> , <b>2020</b> , 10,	3.1	3
29	A meta-analysis on the effect of environmental enrichment on feather pecking and feather damage in laying hens. <i>Poultry Science</i> , <b>2021</b> , 100, 397-411	3.9	3
28	Accuracy of breeding values for production traits in turkeys ( <i>Meleagris gallopavo</i> ) using recursive models with or without genomics. <i>Genetics Selection Evolution</i> , <b>2021</b> , 53, 16	4.9	3
27	Estimation of genetic parameters for mid-infrared-predicted lactoferrin and milk fat globule size in Holstein cattle. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 2487-2497	4	2
26	Describing the growth and molt of modern domestic turkey ( <i>Meleagris gallopavo</i> ) primary wing feathers. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	2
25	Potential effects of hormonal synchronized breeding on genetic evaluations of fertility traits in dairy cattle: A simulation study. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 4404-4412	4	2
24	Genome-wide association study between copy number variants and hoof health traits in Holstein dairy cattle. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 8050-8061	4	2
23	Associations between feed efficiency and aspects of lactation curves in primiparous Holstein dairy cattle. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 9304-9315	4	2
22	Estimated genetic parameters for all genetically evaluated traits in Canadian Holsteins. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 9002-9015	4	2
21	Meta-analysis to predict the effects of temperature stress on meat quality of poultry. <i>Poultry Science</i> , <b>2021</b> , 100, 101471	3.9	2
20	Single- and multiple-breed genomic evaluations for conformation traits in Canadian Alpine and Saanen dairy goats.. <i>Journal of Dairy Science</i> , <b>2022</b> ,	4	2
19	Genetic parameter estimates and targeted association analyses of growth, carcass, and meat quality traits in German Merinoland and Merinoland-cross lambs. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 398-406	0.7	1
18	Reliability of a White Striping Scoring System and Description of White Striping Prevalence in Purebred Turkey Lines.. <i>Animals</i> , <b>2022</b> , 12,	3.1	1

17	The Effect of Egg Laying on Feather and Plasma Corticosterone Concentrations in Turkey () Hens. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
16	Genetic analysis of egg production traits in turkeys ( <i>Meleagris gallopavo</i> ) using a single-step genomic random regression model. <i>Genetics Selection Evolution</i> , <b>2021</b> , 53, 61	4.9	1
15	The value of incorporating carcass trait phenotypes in terminal sire selection indexes to improve carcass weight and quality of heavy lambs. <i>Journal of Animal Breeding and Genetics</i> , <b>2021</b> , 138, 91-107	2.9	1
14	Plasma concentrations of progesterone in the preceding estrous cycle are associated with the intensity of estrus and fertility of Holstein cows. <i>PLoS ONE</i> , <b>2021</b> , 16, e0248453	3.7	1
13	A Cross-Sectional Study on the Prevalence of Footpad Dermatitis in Canadian Turkeys. <i>Frontiers in Animal Science</i> , <b>2021</b> , 2,		1
12	Refined mapping of quantitative trait loci for somatic cell score on BTA02 in the German Holstein. <i>Journal of Animal Breeding and Genetics</i> , <b>2010</b> , 127, 180-8	2.9	0
11	The Prevalence of Integument Injuries and Associated Risk Factors Among Canadian Turkeys.. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 757776	3.1	0
10	Accuracy of genomic selection for reducing susceptibility to pendulous crop in turkey ( <i>Meleagris gallopavo</i> ).. <i>Poultry Science</i> , <b>2021</b> , 101, 101601	3.9	0
9	Effect of synchronized breeding on genetic evaluations of fertility traits in dairy cattle. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 11820-11831	4	0
8	Investigating inbreeding in the turkey ( <i>Meleagris gallopavo</i> ) genome. <i>Poultry Science</i> , <b>2021</b> , 100, 101366	3.9	0
7	Influence of Post Mortem Muscle Activity on Turkey Meat Quality.. <i>Frontiers in Veterinary Science</i> , <b>2022</b> , 9, 822447	3.1	0
6	Genetic Parameters of White Striping and Meat Quality Traits Indicative of Pale, Soft, Exudative Meat in Turkeys ().. <i>Frontiers in Genetics</i> , <b>2022</b> , 13, 842584	4.5	0
5	Angiopietin-2 (ANGPT2) as a candidate gene for somatic cell score in German Holstein cattle. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 5388-97	4	
4	503 Late-Breaking: Using Random Regression Models to Estimate Genetic Parameters for Milk Production Traits under Different Levels of Heat Stress in Canadian Holstein Cattle. <i>Journal of Animal Science</i> , <b>2021</b> , 99, 178-179	0.7	
3	Introduction: ADSA and Interbull Joint Breeding and Genetics Symposia. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 5275-5277	4	
2	Genome-wide association study reveals candidate genes relevant to body weight in female turkeys ( <i>Meleagris gallopavo</i> ).. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264838	3.7	
1	A de novo start-lost variant in ANKRD28 in a Holstein calf with dwarfism.. <i>Animal Genetics</i> , <b>2022</b> ,	2.5	