Jennifer M Thomson

List of Publications by Year
in descending order

36 papers	938 citations	623734 14 h-index	526287 27 g-index
37 all docs	37 docs citations	37 times ranked	1381 citing authors

#	Article	IF	Citations
1	Whole genome resequencing of black Angus and Holstein cattle for SNP and CNV discovery. BMC Genomics, 2011, 12, 559.	2.8	153
2	Characterization of the Vaginal Microbiota of Ewes and Cows Reveals a Unique Microbiota with Low Levels of Lactobacilli and Near-Neutral pH. Frontiers in Veterinary Science, 2014, 1, 19.	2.2	108
3	Feed efficiency phenotypes in lambs involve changes in ruminal, colonic, and small-intestine-located microbiota1. Journal of Animal Science, 2017, 95, 2585-2592.	0.5	92
4	Invited review: Recommendations for reporting intervention studies on reproductive performance in dairy cattle: Improving design, analysis, and interpretation of research on reproduction. Journal of Dairy Science, 2016, 99, 1-17.	3.4	85
5	Expression of Lipolytic Genes in the Adipose Tissue of Pregnant and Lactating Holstein Dairy Cattle. Journal of Dairy Science, 2007, 90, 5237-5246.	3.4	80
6	Plasma metabolites associated with residual feed intake and other productivity performance traits in beef cattle. Livestock Science, 2014, 165, 200-211.	1.6	63
7	Effects of Chromium Propionate on Response to an Intravenous Glucose Tolerance Test in Growing Holstein Heifers. Journal of Dairy Science, 2007, 90, 3467-3474.	3.4	52
8	Differential expression of genes in adipose tissue of first-lactation dairy cattle. Journal of Dairy Science, 2011, 94, 361-369.	3.4	51
9	Candidate genes and single nucleotide polymorphisms associated with variation in residual feed intake in beef cattle1. Journal of Animal Science, 2013, 91, 3502-3513.	0.5	44
10	Feed efficiency phenotypes in lambs involve changes in ruminal, colonic, and small-intestine-located microbiota. Journal of Animal Science, 2017, 95, 2585.	0.5	42
11	Evaluating sample size to estimate genetic management metrics in the genomics era. Molecular Ecology Resources, 2018, 18, 1077-1091.	4.8	27
12	Fat Deposition and Fat Effects on Meat Qualityâ€"A Review. Animals, 2022, 12, 1550.	2.3	25
13	Genetic Markers Are Associated with the Ruminal Microbiome and Metabolome in Grain and Sugar Challenged Dairy Heifers. Frontiers in Genetics, 2018, 9, 62.	2.3	24
14	Characterization of the longissimus lumborum transcriptome response to adding propionate to the diet of growing Angus beef steers. Physiological Genomics, 2012, 44, 543-550.	2.3	20
15	Evaluating wildlife translocations using genomics: A bighorn sheep case study. Ecology and Evolution, 2020, 10, 13687-13704.	1.9	16
16	The use of blood lactate concentration as an indicator of temperament and its impact on growth rate and tenderness of steaks from SimmentalÃ—Angus steers. Meat Science, 2015, 103, 68-74.	5.5	13
17	Candidate genes and biological pathways associated with carcass quality traits in beef cattle. Canadian Journal of Animal Science, 2013, 93, 295-306.	1.5	12
18	Blood lactate and rectal temperature can predict exit velocity of beef feedlot steers. Translational Animal Science, 2019, 3, 1530-1542.	1.1	8

#	Article	IF	Citations
19	Gene Expression and Carcass Traits Are Different between Different Quality Grade Groups in Red-Faced Hereford Steers. Animals, 2021, 11, 1910.	2.3	5
20	The identification of candidate genes and SNP markers for classical bovine spongiform encephalopathy susceptibility. Prion, 2012, 6, 461-469.	1.8	3
21	1H NMR based metabolic profiling distinguishes the differential impact of capture techniques on wild bighorn sheep. Scientific Reports, 2021, 11, 11308.	3.3	3
22	Average kinship within bighorn sheep populations is associated with connectivity, augmentation, and bottlenecks. Ecosphere, 2022, 13, .	2.2	3
23	The effect of Ala293Val single nucleotide polymorphism in the stearoyl-CoA desaturase gene on conjugated linoleic acid concentration in milk fat of dairy cows. Canadian Journal of Animal Science, 2010, 90, 575-584.	1.5	2
24	0777 Repeatability of residual feed intake and indices of body composition in growing Columbia ewes fed the same diet. Journal of Animal Science, 2016, 94, 373-374.	0.5	2
25	Differential haptoglobin responsiveness to a Mannheimia haemolytica challenge altered immunologic, physiologic, and behavior responses in beef steers. Journal of Animal Science, 2021, 99, .	0.5	2
26	Impacts of environment on gene expression and epigenetic modification in grazing animals. Journal of Animal Science, 2016, 94, 63-73.	0.5	1
27	Identification of Genomic Regions for Carcass Quality Traits within the American Simmental Association Carcass Merit Program. Animals, 2021, 11, 471.	2.3	1
28	Phenotypic and genetic differences in Rambouillet lines divergently selected for reproductive rate over 50 years1,2. Translational Animal Science, 2020, 4, S90-S93.	1.1	1
29	095 Metabolomic profiling for identification of biomarkers associated with temperament in feedlot cattle. Journal of Animal Science, 2016, 94, 47-47.	0.5	0
30	Identification of genetic markers and QTL for carcass quality traits within the American Simmental Association Carcass Merit Program1. Translational Animal Science, 2018, 2, S39-S43.	1.1	0
31	PSVIII-24 Inbreeding levels of the Line 4 Hereford cattle population. Journal of Animal Science, 2019, 97, 269-269.	0.5	0
32	Gene expression in muscle and adipose tissue of steers classed as Choice or Standard. , 2019, , .		0
33	A comparative approach to refine molecular mechanisms impacting meat quality and carcass characteristics. Translational Animal Science, 2021, 5, S189-S194.	1.1	0
34	277 Phenotypic and genetic differences in Rambouillet lines divergently selected for reproductive rate over 50 years. Journal of Animal Science, 2020, 98, 206-206.	0.5	0
35	44 Inbreeding levels of the Line 1 and Line 4 Hereford cattle populations. Journal of Animal Science, 2020, 98, 18-18.	0.5	0
36	PSXI-19 Investigating the Relationship Between Temperament and Performance Traits in Feedlot Cattle. Journal of Animal Science, 2020, 98, 383-384.	0.5	0