

# Richard G Tait

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

846  
citations

516215

16  
h-index

476904

29  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1003  
citing authors

#	ARTICLE	IF	CITATIONS
1	An evaluation of bovine respiratory disease complex in feedlot cattle: Impact on performance and carcass traits using treatment records and lung lesion scores <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2009, 87, 1821-1827.	0.2	148
2	Estimation of relationships between mineral concentration and fatty acid composition of longissimus muscle and beef palatability traits <sup>1</sup> . <i>Journal of Animal Science</i> , 2011, 89, 2849-2858.	0.2	89
3	Genome-wide association and prediction of direct genomic breeding values for composition of fatty acids in Angus beef cattle. <i>BMC Genomics</i> , 2013, 14, 730.	1.2	67
4	Leptin concentrations in finishing beef steers and heifers and their association with dry matter intake, average daily gain, feed efficiency, and body composition. <i>Domestic Animal Endocrinology</i> , 2016, 55, 136-141.	0.8	42
5	Prediction of retail product and trimmable fat yields from the four primal cuts in beef cattle using ultrasound or carcass data <sup>1</sup> . <i>Journal of Animal Science</i> , 2005, 83, 1353-1360.	0.2	36
6	Evaluation of fixed sources of variation and estimation of genetic parameters for incidence of bovine respiratory disease in preweaned calves and feedlot cattle <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2010, 88, 1220-1228.	0.2	34
7	Genetic parameters for carnitine, creatine, creatinine, carnosine, and anserine concentration in longissimus muscle and their association with palatability traits in Angus cattle <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 4248-4255.	0.2	33
8	CAPN1, CAST, and DGAT1 genetic effects on preweaning performance, carcass quality traits, and residual variance of tenderness in a beef cattle population selected for haplotype and allele equalization <sup>1,2,3,4</sup> . <i>Journal of Animal Science</i> , 2014, 92, 5382-5393.	0.2	31
9	Genetic parameters for concentrations of minerals in longissimus muscle and their associations with palatability traits in Angus cattle <sup>1</sup> . <i>Journal of Animal Science</i> , 2013, 91, 1067-1075.	0.2	30
10	Use of ultrasound to predict body composition changes in steers at 100 and 65 days before slaughter. <i>Journal of Animal Science</i> , 2004, 82, 1621-1629.	0.2	26
11	Âµ-Calpain, calpastatin, and growth hormone receptor genetic effects on preweaning performance, carcass quality traits, and residual variance of tenderness in Angus cattle selected to increase minor haplotype and allele frequencies <sup>1,2,3</sup> . <i>Journal of Animal Science</i> , 2014, 92, 456-466.	0.2	24
12	An evaluation of circulating bovine viral diarrhea virus type 2 maternal antibody level and response to vaccination in Angus calves <sup>1,2,3,4</sup> . <i>Journal of Animal Science</i> , 2013, 91, 4440-4450.	0.2	23
13	Whole genome analysis of infectious bovine keratoconjunctivitis in Angus cattle using Bayesian threshold models. <i>BMC Proceedings</i> , 2011, 5, S22.	1.8	22
14	Association of toll-like receptor four single nucleotide polymorphisms with incidence of infectious bovine keratoconjunctivitis (IBK) in cattle. <i>Immunogenetics</i> , 2011, 63, 115-119.	1.2	21
15	Genomewide association study of lung lesions in cattle using sample pooling. <i>Journal of Animal Science</i> , 2015, 93, 956.	0.2	21
16	Heat stress-induced deficits in growth, metabolic efficiency, and cardiovascular function coincided with chronic systemic inflammation and hypercatecholaminemia in ractopamine-supplemented feedlot lambs. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	21
17	Genome-wide association study of infectious bovine keratoconjunctivitis in Angus cattle. <i>BMC Genetics</i> , 2013, 14, 23.	2.7	18
18	Enhanced estimates of carcass and meat quality effects for polymorphisms in myostatin and Âµ-calpain genes <sup>1,2,3</sup> . <i>Journal of Animal Science</i> , 2019, 97, 569-577.	0.2	16

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19	Associations between infectious bovine keratoconjunctivitis at weaning and ultrasonographically measured body composition traits in yearling cattle. <i>Journal of the American Veterinary Medical Association</i> , 2014, 244, 100-106.	0.2	15
20	A polymorphism in myostatin influences puberty but not fertility in beef heifers, whereas $\mu$ -calpain affects first calf birth weight <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 117-126.	0.2	14
21	Sire breed effect on beef longissimus mineral concentrations and their relationships with carcass and palatability traits. <i>Meat Science</i> , 2015, 106, 25-30.	2.7	14
22	Genome-wide association study of milk production traits in a crossbred dairy sheep population using three statistical models. <i>Animal Genetics</i> , 2020, 51, 624-628.	0.6	14
23	Genetic polymorphisms in bovine <i>transferrin receptor 2</i> ( <i>TFR2</i> ) and <i>solute carrier family 40</i> ( <i>iron-regulated transporter</i> ), member 1 ( <i>SLC40A1</i> ) genes and their association with beef iron content. <i>Animal Genetics</i> , 2012, 43, 115-122.	0.6	13
24	Relationship of glucocorticoids and hematological measures with feed intake, growth, and efficiency of finishing beef cattle <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 275-283.	0.2	13
25	Genome-wide association study of concentrations of iron and other minerals in longissimus muscle of Angus cattle <sup>1</sup> . <i>Journal of Animal Science</i> , 2013, 91, 3593-3600.	0.2	10
26	Genomewide association study of liver abscess in beef cattle <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2016, 94, 490-499.	0.2	9
27	Use of ultrasound scanning and body condition score to evaluate composition traits in mature beef cows <sup>1,2,3</sup> . <i>Journal of Animal Science</i> , 2014, 92, 3868-3877.	0.2	7
28	Body composition and gene expression QTL mapping in mice reveals imprinting and interaction effects. <i>BMC Genetics</i> , 2013, 14, 103.	2.7	6
29	Evaluation of responses to vaccination of Angus cattle for four viruses that contribute to bovine respiratory disease complex <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2017, 95, 4820-4834.	0.2	5
30	Evaluation of response to bovine viral diarrhea virus type 2 vaccination and timing of weaning on yearling ultrasound body composition, performance, and carcass quality traits in Angus calves <sup>1,2,3</sup> . <i>Journal of Animal Science</i> , 2013, 91, 5466-5476.	0.2	4
31	$\mu$ -Calpain (CAPN1), calpastatin (CAST), and growth hormone receptor (GHR) genetic effects on Angus beef heifer performance traits and reproduction. <i>Theriogenology</i> , 2018, 113, 1-7.	0.9	4
32	BREEDING AND GENETICS SYMPOSIUM: Systems biology in animal breeding: Identifying relationships among markers, genes, and phenotypes <sup>1</sup> . <i>Journal of Animal Science</i> , 2013, 91, 521-522.	0.2	3
33	Estimates of epistatic and pleiotropic effects of casein alpha s1 (CSN1S1) and thyroglobulin (TG) genetic markers on beef heifer performance traits enhanced by selection <sup>1,2,3,4</sup> . <i>Journal of Animal Science</i> , 2016, 94, 920-926.	0.2	3
34	Genome-wide association study for response to vaccination in Angus calves <sup>1</sup> . <i>BMC Genetics</i> , 2019, 20, 6.	2.7	3
35	Endocannabinoid concentrations in plasma during the finishing period are associated with feed efficiency and carcass composition of beef cattle <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 4568-4574.	0.2	2
36	Relationship of molecular breeding value for beef tenderness with heifer traits through weaning of their first calf. <i>Theriogenology</i> , 2021, 173, 128-132.	0.9	1

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37	Using triallelic SNPs for determining parentage in North American yak ( <i>Bos grunniens</i> ) and estimating cattle ( <i>B. taurus</i> ) introgression. <i>F1000Research</i> , 2020, 9, 1096.	0.8	1
38	Using triallelic SNPs for determining parentage in North American yak ( <i>Bos grunniens</i> ) and estimating cattle ( <i>B. taurus</i> ) introgression. <i>F1000Research</i> , 2020, 9, 1096.	0.8	1