

Bradley J Johnson

List of Publications by Year in descending order

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57
papers

1,564
citations

270111

25
h-index

355658

38
g-index

57
all docs

57
docs citations

57
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: the effects of dust on feedlot health and production of beef cattle. Journal of Applied Animal Research, 2021, 49, 133-138.	0.4	3
2	Evaluation of vitamin A status on myogenic gene expression and muscle fiber characteristics. Journal of Animal Science, 2021, 99, .	0.2	6
3	Evidence for functional G-coupled protein receptors 43 and 120 in subcutaneous and intramuscular adipose tissue of Angus crossbred steers. Journal of Animal Science, 2021, 99, .	0.2	2
4	Effects of Encapsulated Methionine on Skeletal Muscle Growth and Development and Subsequent Feedlot Performance and Carcass Characteristics in Beef Steers. Animals, 2021, 11, 1627.	1.0	3
5	Antimicrobial supplementation alters digestibility and ruminal fermentation in a continuous culture model. Journal of Applied Animal Research, 2021, 49, 23-29.	0.4	1
6	Chromium propionate supplementation alters animal growth performance, carcass characteristics, and skeletal muscle properties in feedlot steers. Translational Animal Science, 2020, 4, txaa146.	0.4	7
7	A pooled analysis of six large-pen feedlot studies: effects of a noncoated initial and terminal implant compared with a single initial and delayed-release implant on arrival in feedlot heifers. Translational Animal Science, 2020, 4, txaa109.	0.4	5
8	Evaluation of the dietary vitamin A requirement of finishing steers via systematic depletion and repletion, and its effects on performance and carcass characteristics. Journal of Animal Science, 2020, 98, .	0.2	2
9	Effects of zinc propionate supplementation on growth performance, skeletal muscle fiber, and receptor characteristics in beef steers. Journal of Animal Science, 2020, 98, .	0.2	5
10	Mechanisms of steroidal implants to improve beef cattle growth: a review. Journal of Applied Animal Research, 2020, 48, 133-141.	0.4	31
11	Chromium acetate stimulates adipogenesis through regulation of gene expression and phosphorylation of adenosine monophosphate-activated protein kinase in bovine intramuscular or subcutaneous adipocytes. Asian-Australasian Journal of Animal Sciences, 2020, 33, 651-661.	2.4	10
12	Effects of a single initial and delayed release implant on arrival compared with a non-coated initial implant and a non-coated terminal implant in heifers fed across various days on feed. Translational Animal Science, 2019, 3, 1182-1193.	0.4	10
13	Feedlot performance and biological responses to coated and non-coated steroidal implants containing trenbolone acetate and estradiol benzoate in finishing beef steers ¹²³ . Journal of Animal Science, 2019, 97, 4371-4385.	0.2	13
14	Immune System Stimulation Reduces the Efficiency of Whole-Body Protein Deposition and Alters Muscle Fiber Characteristics in Growing Pigs. Animals, 2019, 9, 323.	1.0	8
15	Evaluation of coated steroidal implants containing trenbolone acetate and estradiol-17 β on live performance, carcass traits, and sera metabolites in finishing steers. Journal of Animal Science, 2018, 96, 1704-1723.	0.2	26
16	All-trans retinoic acid increases the expression of oxidative myosin heavy chain through the PPAR γ pathway in bovine muscle cells derived from satellite cells ¹ . Journal of Animal Science, 2018, 96, 2763-2776.	0.2	12
17	Anabolic payout of terminal implant alters adipogenic gene expression of the longissimus muscle in beef steers ¹ . Journal of Animal Science, 2017, 95, 1197-1204.	0.2	8
18	Ionophore strategy affects growth performance and carcass characteristics in feedlot steers ¹ . Journal of Animal Science, 2016, 94, 5341-5349.	0.2	9

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19	Oleic acid enhances G protein coupled receptor 43 expression in bovine intramuscular adipocytes but not in subcutaneous adipocytes ¹ . <i>Journal of Animal Science</i> , 2016, 94, 1875-1883.	0.2	16
20	Zinc Methionine Supplementation Impacts Gene and Protein Expression in Calf-Fed Holstein Steers with Minimal Impact on Feedlot Performance. <i>Biological Trace Element Research</i> , 2016, 171, 315-327.	1.9	13
21	The Expression of Adipogenic Genes in Adipose Tissues of Feedlot Steers Fed Supplementary Palm Oil or Soybean Oil. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 404-412.	2.4	14
22	Effects of supplemental lysine and methionine with zilpaterol hydrochloride on feedlot performance, carcass merit, and skeletal muscle fiber characteristics in finishing feedlot cattle ¹ . <i>Journal of Animal Science</i> , 2015, 93, 4532-4544.	0.2	16
23	AMPK [±] , C/EBP [±] , CPT1 [±] , GPR43, PPAR [±] , and SCD Gene Expression in Single- and Co-cultured Bovine Satellite Cells and Intramuscular Preadipocytes Treated with Palmitic, Stearic, Oleic, and Linoleic Acid. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 411-419.	2.4	28
24	Dehydrated citrus pulp alters feedlot performance of crossbred heifers during the receiving period and modulates serum metabolite concentrations before and after an endotoxin challenge ¹ . <i>Journal of Animal Science</i> , 2015, 93, 5791-5800.	0.2	9
25	Chromium Propionate Enhances Adipogenic Differentiation of Bovine Intramuscular Adipocytes. <i>Frontiers in Veterinary Science</i> , 2015, 2, 26.	0.9	6
26	Biological responses of beef steers to steroidal implants and zilpaterol hydrochloride ¹ . <i>Journal of Animal Science</i> , 2014, 92, 3348-3363.	0.2	27
27	U. S. consumer perceptions of U. S. and Canadian beef quality grades ¹ . <i>Journal of Animal Science</i> , 2014, 92, 3685-3692.	0.2	10
28	Characterization of trenbolone acetate and estradiol metabolite excretion profiles in implanted steers. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 2850-2858.	2.2	21
29	Conjugated Linoleic Acid (c10, c12) Reduces Fatty Acid Synthesis de Novo, but not Expression of Genes for Lipid Metabolism in Bovine Adipose Tissue ex Vivo. <i>Lipids</i> , 2014, 49, 15-24.	0.7	26
30	Yeast cell wall supplementation alters the metabolic responses of crossbred heifers to an endotoxin challenge. <i>Innate Immunity</i> , 2014, 20, 104-112.	1.1	31
31	Co-culture of bovine muscle satellite cells with preadipocytes increases PPAR [±] and C/EBP [±] gene expression in differentiated myoblasts and increases GPR43 gene expression in adipocytes. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 539-543.	1.9	39
32	Application of growth technologies in enhancing food security and sustainability. <i>Animal Frontiers</i> , 2013, 3, 8-13.	0.8	37
33	Zilpaterol hydrochloride alters abundance of β -adrenergic receptors in bovine muscle cells but has little effect on de novo fatty acid biosynthesis in bovine subcutaneous adipose tissue explants. <i>Journal of Animal Science</i> , 2012, 90, 1317-1327.	0.2	23
34	Administration of estradiol, trenbolone acetate, and trenbolone acetate/estradiol implants alters adipogenic and myogenic gene expression in bovine skeletal muscle ¹ . <i>Journal of Animal Science</i> , 2012, 90, 1421-1427.	0.2	18
35	Adipogenic gene expression and fatty acid composition in subcutaneous adipose tissue depots of Angus steers between 9 and 16 months of age ¹ . <i>Journal of Animal Science</i> , 2012, 90, 2505-2514.	0.2	37
36	Effects of zilpaterol hydrochloride and days on the finishing diet on feedlot performance, carcass characteristics, and tenderness in beef heifers ¹ . <i>Journal of Animal Science</i> , 2012, 90, 3301-3311.	0.2	56

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37	Chromium supplementation alters both glucose and lipid metabolism in feedlot cattle during the receiving period ^{1, 2, 3} . <i>Journal of Animal Science</i> , 2012, 90, 4857-4865.	0.2	33
38	Chromium supplementation alters the performance and health of feedlot cattle during the receiving period and enhances their metabolic response to a lipopolysaccharide challenge ^{1&#x2013;3} . <i>Journal of Animal Science</i> , 2012, 90, 3879-3888.	0.2	33
39	Administration of estradiol, trenbolone acetate, and trenbolone acetate/estradiol implants alters adipogenic and myogenic gene expression in bovine skeletal muscle. <i>Journal of Animal Science</i> , 2012, 90, 1421-1427.	0.2	9
40	Performance of finishing beef steers in response to anabolic implant and zilpaterol hydrochloride supplementation ¹ . <i>Journal of Animal Science</i> , 2011, 89, 560-570.	0.2	35
41	Dose and release pattern of anabolic implants affects growth of finishing beef steers across days on feed ¹ . <i>Journal of Animal Science</i> , 2011, 89, 863-873.	0.2	30
42	Warner-Bratzler and slice shear force measurements of 3 beef muscles in response to various aging periods after trenbolone acetate and estradiol implants and zilpaterol hydrochloride supplementation of finishing beef steers. <i>Journal of Animal Science</i> , 2011, 89, 3783-3791.	0.2	16
43	Perspectives on the application of zilpaterol hydrochloride in the United States beef industry. <i>Journal of Animal Science</i> , 2010, 88, 2825-2828.	0.2	47
44	Additive effects of a steroidal implant and zilpaterol hydrochloride on feedlot performance, carcass characteristics, and skeletal muscle messenger ribonucleic acid abundance in finishing steers ¹ . <i>Journal of Animal Science</i> , 2010, 88, 330-337.	0.2	57
45	Effects of duration of zilpaterol hydrochloride and days on the finishing diet on carcass cutability, composition, tenderness, and skeletal muscle gene expression in feedlot steers ¹ . <i>Journal of Animal Science</i> , 2009, 87, 3686-3701.	0.2	42
46	Effects of zilpaterol hydrochloride with or without an estrogen-trenbolone acetate terminal implant on carcass traits, retail cutout, tenderness, and muscle fiber diameter in finishing steers ¹ . <i>Journal of Animal Science</i> , 2009, 87, 3702-3711.	0.2	60
47	Roles of IGF-I and the estrogen, androgen and IGF-I receptors in estradiol-17 β - and trenbolone acetate-stimulated proliferation of cultured bovine satellite cells. <i>Domestic Animal Endocrinology</i> , 2008, 35, 88-97.	0.8	54
48	Effect of feedlot management system on response to ractopamine-HCl in yearling steers ¹ . <i>Journal of Animal Science</i> , 2008, 86, 2401-2414.	0.2	35
49	Effects of implants of trenbolone acetate, estradiol, or both, on muscle insulin-like growth factor-I, insulin-like growth factor-I receptor, estrogen receptor- α , and androgen receptor messenger ribonucleic acid levels in feedlot steers ¹ . <i>Journal of Animal Science</i> , 2008, 86, 3418-3423.	0.2	39
50	Response to ractopamine-hydrogen chloride is similar in yearling steers across days on feed ¹ . <i>Journal of Animal Science</i> , 2007, 85, 413-419.	0.2	64
51	Response to ractopamine-HCl in heifers is altered by implant strategy across days on feed ¹ . <i>Journal of Animal Science</i> , 2007, 85, 2125-2132.	0.2	31
52	Effects of steroidal implantation and ractopamine-HCl on nitrogen retention, blood metabolites and skeletal muscle gene expression in Holstein steers. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2007, 91, 439-447.	1.0	23
53	Effects of flax supplementation and a combined trenbolone acetate and estradiol implant on circulating insulin-like growth factor-I and muscle insulin-like growth factor-I messenger RNA levels in beef cattle ^{1,2} . <i>Journal of Animal Science</i> , 2003, 81, 3028-3034.	0.2	35
54	Time course of changes in growth factor mRNA levels in muscle of steroid-implanted and nonimplanted steers ^{1,2,3} . <i>Journal of Animal Science</i> , 2003, 81, 2733-2740.	0.2	51

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55	Activation state of muscle satellite cells isolated from steers implanted with a combined trenbolone acetate and estradiol implant.. Journal of Animal Science, 1998, 76, 2779.	0.2	84
56	Stimulation of circulating insulin-like growth factor I (IGF-I) and insulin-like growth factor binding proteins (IGFBP) due to administration of a combined trenbolone acetate and estradiol implant in feedlot cattle.. Journal of Animal Science, 1996, 74, 372.	0.2	67
57	Effect of a combined trenbolone acetate and estradiol implant on feedlot performance, carcass characteristics, and carcass composition of feedlot steers.. Journal of Animal Science, 1996, 74, 363.	0.2	131