Barry Bradford

List of Publications by Year in descending order

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Version: 2024-02-01

143 papers	3,559 citations	159585 30 h-index	149698 56 g-index
146 all docs	146 docs citations	146 times ranked	3007 citing authors

#	Article	IF	Citations
1	BOARD-INVITED REVIEW: The hepatic oxidation theory of the control of feed intake and its application to ruminants. Journal of Animal Science, 2009, 87, 3317-3334.	0.5	451
2	Invited review: Inflammation during the transition to lactation: New adventures with an old flame. Journal of Dairy Science, 2015, 98, 6631-6650.	3.4	315
3	Strong relationships between mediators of the acute phase response and fatty liver in dairy cows. Canadian Journal of Animal Science, 2005, 85, 165-175.	1.5	144
4	THE COW AS A MODEL TO STUDY FOOD INTAKE REGULATION. Annual Review of Nutrition, 2005, 25, 523-547.	10.1	128
5	Invited review: Practical feeding management recommendations to mitigate the risk of subacute ruminal acidosis in dairy cattle. Journal of Dairy Science, 2018, 101, 872-888.	3.4	108
6	Daily Injection of Tumor Necrosis Factor-Î± Increases Hepatic Triglycerides and Alters Transcript Abundance of Metabolic Genes in Lactating Dairy Cattle. Journal of Nutrition, 2009, 139, 1451-1456.	2.9	94
7	Holsteins Favor Heifers, Not Bulls: Biased Milk Production Programmed during Pregnancy as a Function of Fetal Sex. PLoS ONE, 2014, 9, e86169.	2.5	87
8	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
9	Plant flavonoids to improve productivity of ruminants â€“ A review. Animal Feed Science and Technology, 2019, 251, 21-36.	2.2	84
10	Anti-inflammatory salicylate treatment alters the metabolic adaptations to lactation in dairy cattle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R110-R117.	1.8	78
11	Effects of encapsulated niacin on metabolism and production of periparturient dairy cows. Journal of Dairy Science, 2011, 94, 5090-5104.	3.4	68
12	Dietary Unsaturated Fatty Acids Increase Plasma Glucagon-Like Peptide-1 and Cholecystokinin and May Decrease Premeal Ghrelin in Lactating Dairy Cows. Journal of Dairy Science, 2008, 91, 1443-1450.	3.4	66
13	Impact of oral meloxicam on circulating physiological biomarkers of stress and inflammation in beef steers after long-distance transportation1. Journal of Animal Science, 2014, 92, 498-510.	0.5	63
14	Hot topic: Early postpartum treatment of commercial dairy cows with nonsteroidal antiinflammatory drugs increases whole-lactation milk yield. Journal of Dairy Science, 2016, 99, 672-679.	3.4	63
15	Dietary molasses increases ruminal pH and enhances ruminal biohydrogenation during milk fat depression. Journal of Dairy Science, 2011, 94, 3995-4004.	3.4	60
16	Effects of monensin on metabolic parameters, feeding behavior, and productivity of transition dairy cows. Journal of Dairy Science, 2012, 95, 1323-1336.	3.4	58
17	Analysis of rumen microbial populations in lactating dairy cattle fed diets varying in carbohydrate profiles and Saccharomyces cerevisiae fermentation product. Journal of Dairy Science, 2013, 96, 5872-5881.	3.4	58
18	TNFÎ± Altered Inflammatory Responses, Impaired Health and Productivity, but Did Not Affect Glucose or Lipid Metabolism in Early-Lactation Dairy Cows. PLoS ONE, 2013, 8, e80316.	2.5	58

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19	Negative energy balance increases periprandial ghrelin and growth hormone concentrations in lactating dairy cows. Domestic Animal Endocrinology, 2008, 34, 196-203.	1.6	57
20	Invited review: Strategies for promoting productivity and health of dairy cattle by feeding nonforage fiber sources. Journal of Dairy Science, 2012, 95, 4735-4746.	3.4	55
21	Sodium salicylate treatment in early lactation increases whole-lactation milk and milk fat yield in mature dairy cows. Journal of Dairy Science, 2013, 96, 7709-7718.	3.4	54
22	Milk Fat Responses to a Change in Diet Fermentability Vary by Production Level in Dairy Cattle. Journal of Dairy Science, 2004, 87, 3800-3807.	3.4	50
23	Effects of adjustable and stationary fans with misters on core body temperature and lying behavior of lactating dairy cows in a semiarid climate. Journal of Dairy Science, 2013, 96, 4738-4750.	3.4	49
24	Response of Milk Fatty Acid Composition to Dietary Supplementation of Soy Oil, Conjugated Linoleic Acid, or Both. Journal of Dairy Science, 2008, 91, 260-270.	3.4	47
25	Depression in Feed Intake by a Highly Fermentable Diet Is Related to Plasma Insulin Concentration and Insulin Response to Glucose Infusion. Journal of Dairy Science, 2007, 90, 3838-3845.	3.4	46
26	Review: Following the smoke signals: inflammatory signaling in metabolic homeostasis and homeorhesis in dairy cattle. Animal, 2020, 14, s144-s154.	3.3	44
27	Phlorizin Administration Increases Hepatic Gluconeogenic Enzyme mRNA Abundance but Not Feed Intake in Late-Lactation Dairy Cows1-3. Journal of Nutrition, 2005, 135, 2206-2211.	2.9	40
28	Yeast product supplementation modulated humoral and mucosal immunity and uterine inflammatory signals in transition dairy cows. Journal of Dairy Science, 2015, 98, 3236-3246.	3.4	40
29	Yeast product supplementation modulated feeding behavior and metabolism in transition dairy cows. Journal of Dairy Science, 2015, 98, 532-540.	3.4	36
30	An unusual distribution of the niacin receptor in cattle. Journal of Dairy Science, 2011, 94, 4962-4967.	3.4	34
31	Tissue expression of angiopoietin-like protein 4 in cattle1. Journal of Animal Science, 2010, 88, 124-130.	0.5	31
32	Technical note: Validation of an ELISA for measurement of tumor necrosis factor alpha in bovine plasma. Journal of Dairy Science, 2011, 94, 3504-3509.	3.4	31
33	Effects of prepartum 2,4-thiazolidinedione on insulin sensitivity, plasma concentrations of tumor necrosis factor-Î± and leptin, and adipose tissue gene expression. Journal of Dairy Science, 2011, 94, 5523-5532.	3.4	30
34	Toll-like receptor 4 signaling is required for induction of gluconeogenic gene expression by palmitate in human hepatic carcinoma cells. Journal of Nutritional Biochemistry, 2013, 24, 1499-1507.	4.2	25
35	Invited R eview : Ruminal microbes, microbial products, and systemic inflammation 1,2 1Presented as a part of the ARPAS Symposium: Understanding Inflammation and Inflammatory Biomarkers to Improve Animal Performance at the ADSAâ€“ASAS Joint Annual Meeting, Salt Lake City, Utah, July 2016. Funding was provided by the ARPAS Foundation. 2Contribution no. 17-366-J from the Kansas Agricultural Experiment Station. The Professional Animal Scientist, 2017, 33, 635-650.	0.7	25
36	Enhancing untargeted metabolomics using metadata-based source annotation. Nature Biotechnology, 2022, 40, 1774-1779.	17.5	25

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37	Effects of feeding increasing levels of wet corn gluten feed on production and ruminal fermentation in lactating dairy cows. Journal of Dairy Science, 2010, 93, 5329-5337.	3.4	24
38	Effects of crude glycerin on milk composition, nutrient digestibility and ruminal fermentation of dairy cows fed corn silage-based diets. Animal Feed Science and Technology, 2016, 212, 136-142.	2.2	23
39	Choline Regulates the Function of Bovine Immune Cells and Alters the mRNA Abundance of Enzymes and Receptors Involved in Its Metabolism in vitro. Frontiers in Immunology, 2018, 9, 2448.	4.8	23
40	Control of food intake by metabolism of fuels: a comparison across species. Proceedings of the Nutrition Society, 2012, 71, 401-409.	1.0	21
41	The effect of leptin and resveratrol on JAK/STAT pathways and Sirt-1 gene expression in the renal tissue of ischemia/reperfusion induced rats. Bratislava Medical Journal, 2017, 118, 443-448.	0.8	21
42	Propionate is not an important regulator of plasma leptin concentration in dairy cattle. Domestic Animal Endocrinology, 2006, 30, 65-75.	1.6	20
43	Propionate Challenge Tests Have Limited Value for Investigating Bovine Metabolism. Journal of Nutrition, 2006, 136, 1915-1920.	2.9	20
44	Effects of supplemental chromium propionate and rumen-protected amino acids on productivity, diet digestibility, and energy balance of peak-lactation dairy cattle. Journal of Dairy Science, 2014, 97, 3815-3821.	3.4	20
45	Effects of sodium salicylate on glucose kinetics and insulin signaling in postpartum dairy cows. Journal of Dairy Science, 2019, 102, 1617-1629.	3.4	20
46	Short communication: Effect of cross ventilation with or without evaporative pads on core body temperature and resting time of lactating cows. Journal of Dairy Science, 2016, 99, 1495-1500.	3.4	19
47	Effect of Saccharomyces cerevisiae fermentation product on feed intake parameters, lactation performance, and metabolism of transition dairy cattle. Journal of Dairy Science, 2019, 102, 8092-8107.	3.4	19
48	Continuous low-dose infusion of tumor necrosis factor alpha in adipose tissue elevates adipose tissue interleukin 10 abundance and fails to alter metabolism in lactating dairy cows. Journal of Dairy Science, 2014, 97, 4897-4906.	3.4	17
49	Viable cell yield from active dry yeast products and effects of storage temperature and diluent on yeast cell viability. Journal of Dairy Science, 2011, 94, 526-531.	3.4	16
50	Effects of wet corn gluten feed on ruminal pH and productivity of lactating dairy cattle fed diets with sufficient physically effective fiber. Journal of Dairy Science, 2012, 95, 5213-5220.	3.4	16
51	Effects of early postpartum sodium salicylate treatment on long-term milk, intake, and blood parameters of dairy cows. Journal of Dairy Science, 2018, 101, 1437-1447.	3.4	16
52	Phlorizin Administration Does Not Attenuate Hypophagia Induced by Intraruminal Propionate Infusion in Lactating Dairy Cattle. Journal of Nutrition, 2007, 137, 326-330.	2.9	15
53	High-Throughput Production of Chromium(III) Complexes for Antibody Immobilization. Analytical Chemistry, 2016, 88, 10102-10110.	6.5	15
54	Effects of supplemental chromium propionate and rumen-protected amino acids on nutrient metabolism, neutrophil activation, and adipocyte size in dairy cows during peak lactation. Journal of Dairy Science, 2014, 97, 3822-3831.	3.4	14

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55	Effects of dietary amylase and sucrose on productivity of cows fed low-starch diets. Journal of Dairy Science, 2014, 97, 4464-4470.	3.4	14
56	The P2Y 2 receptor mediates uptake of matrix-retained and aggregated low density lipoprotein in primary vascular smooth muscle cells. Atherosclerosis, 2016, 252, 128-135.	0.8	14
57	Development of an in vitro macrophage screening system on the immunomodulating effects of feed components. Journal of Animal Science and Biotechnology, 2020, 11, 89.	5.3	14
58	Characterization of the liver proteome in dairy cows experiencing negative energy balance at early lactation. Journal of Proteomics, 2021, 246, 104308.	2.4	14
59	Phlorizin Induces Lipolysis and Alters Meal Patterns in Both Early-and Late-Lactation Dairy Cows. Journal of Dairy Science, 2007, 90, 1810-1815.	3.4	13
60	Proteomic analysis reveals greater abundance of complement and inflammatory proteins in subcutaneous adipose tissue from postpartum cows treated with sodium salicylate. Journal of Proteomics, 2019, 204, 103399.	2.4	13
61	Invited review: Mechanisms of hypophagia during disease. Journal of Dairy Science, 2021, 104, 9418-9436.	3.4	13
62	Short communication: Effects of molasses products on productivity and milk fatty acid profile of cows fed diets high in dried distillers grains with solubles. Journal of Dairy Science, 2014, 97, 3860-3865.	3.4	12
63	Dietary supplementation of Scutellaria baicalensis extract during early lactation decreases milk somatic cells and increases whole lactation milk yield in dairy cattle. PLoS ONE, 2019, 14, e0210744.	2.5	12
64	Effects of Pharmacological Amounts of Nicotinic Acid on Lipolysis and Feed Intake in Cattle. International Journal of Dairy Science, 2011, 6, 134-141.	0.5	12
65	Control of eating by hepatic oxidation of fatty acids. A note of caution. Appetite, 2009, 53, 272-273.	3.7	11
66	RNA interference-based technology: what role in animal agriculture?. Animal Production Science, 2017, 57, 1.	1.3	11
67	Feeding Dairy Cows With â€œLeftoversâ€•and the Variation in Recovery of Human-Edible Nutrients in Milk. Frontiers in Sustainable Food Systems, 2019, 3, .	3.9	11
68	Effects of dietary rumen-protected choline supplementation on colostrum yields, quality, and choline metabolites from dairy cattle. JDS Communications, 2022, 3, 296-300.	1.5	11
69	Effects of varying rates of tallgrass prairie hay and wet corn gluten feed on productivity of lactating dairy cows. Journal of Dairy Science, 2012, 95, 842-849.	3.4	10
70	Short communication: Supplementing lysine and methionine in a lactation diet containing a high concentration of wet corn gluten feed did not alter milk protein yield. Journal of Dairy Science, 2013, 96, 5300-5305.	3.4	10
71	Availability to lactating dairy cows of methionine added to soy lecithins and mixed with a mechanically extracted soybean meal. Journal of Dairy Science, 2013, 96, 3064-3074.	3.4	10
72	Intergenerational cycle of disease: Maternal mastitis is associated with poorer daughter performance in dairy cattle. Journal of Dairy Science, 2021, 104, 4537-4548.	3.4	10

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73	Connecting Metabolism to Mastitis: Hyperketonemia Impaired Mammary Gland Defenses During a Streptococcus uberis Challenge in Dairy Cattle. Frontiers in Immunology, 2021, 12, 700278.	4.8	10
74	Short Communication: Rate of Propionate Infusion Within Meals Does Not Influence Feeding Behavior. Journal of Dairy Science, 2007, 90, 2305-2308.	3.4	9
75	Diet starch concentration and starch fermentability affect markers of inflammatory response and oxidant status in dairy cows during the early postpartum period. Journal of Dairy Science, 2020, 103, 352-367.	3.4	9
76	Effects of alfalfa hay inclusion rate on productivity of lactating dairy cattle fed wet corn gluten feed-based diets. Journal of Dairy Science, 2009, 92, 3510-3516.	3.4	8
77	Effects of a molasses-coated cottonseed product on diet digestibility, performance, and milk fatty acid profile of lactating dairy cattle. Journal of Dairy Science, 2010, 93, 3128-3135.	3.4	8
78	Peripartal alterations of calcitonin geneâ€related peptide and minerals in dairy cows affected by milk fever. Veterinary Clinical Pathology, 2013, 42, 70-77.	0.7	8
79	Effects of prepartum dietary cation-anion difference and acidified coproducts on dry matter intake, serum calcium, and performance of dairy cows1. Journal of Animal Science, 2014, 92, 666-675.	0.5	8
80	Effects of fat supplementation to diets high in nonforage fiber on production responses of midlactation dairy cows. Journal of Dairy Science, 2018, 101, 6066-6073.	3.4	8
81	Bovine hepatic and adipose retinol-binding protein gene expression and relationship with tumor necrosis factor-Î±. Journal of Dairy Science, 2012, 95, 7097-7104.	3.4	7
82	Managing complexity: Dealing with systemic crosstalk in bovine physiology. Journal of Dairy Science, 2016, 99, 4983-4996.	3.4	7
83	Productivity of lactating dairy cows fed diets with teff hay as the sole forage. Journal of Dairy Science, 2018, 101, 5984-5990.	3.4	7
84	Associations between body condition score at parturition and microRNA profile in colostrum of dairy cows as evaluated by paired mapping programs. Journal of Dairy Science, 2019, 102, 11609-11621.	3.4	7
85	Acute-phase protein Î±-1-acid glycoprotein is negatively associated with feed intake in postpartum dairy cows. Journal of Dairy Science, 2021, 104, 806-817.	3.4	7
86	Effects of running time of a cattle-cooling system on core body temperature of cows on dairy farms in an arid environment. Journal of Dairy Science, 2010, 93, 4949-4954.	3.4	6
87	Effect of complementation of cattle cooling systems with feedline soakers on lactating dairy cows in a desert environment. Journal of Dairy Science, 2011, 94, 1026-1031.	3.4	6
88	Effects of urea formaldehyde condensation polymer treatment of flaxseed on ruminal digestion and lactation in dairy cows. Journal of Dairy Science, 2013, 96, 3907-3915.	3.4	6
89	Short communication: Sodium salicylate negatively affects rumen fermentation in vitro and in situ. Journal of Dairy Science, 2017, 100, 1935-1939.	3.4	6
90	Effects of a high-protein corn product compared with soy and canola protein sources on nutrient digestibility and production responses in mid-lactation dairy cows. Journal of Dairy Science, 2020, 103, 6233-6243.	3.4	6

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91	Do biological and management reasons for a short or long dry period induce the same effects on dairy cattle productivity?. Journal of Dairy Science, 2020, 103, 11857-11875.	3.4	6
92	A comparison of the effects of 2 cattle-cooling systems on dairy cows in a desert environment. Journal of Dairy Science, 2010, 93, 4955-4960.	3.4	5
93	Postpartum meloxicam administration alters plasma haptoglobin, polyunsaturated fatty acid, and oxylipid concentrations in postpartum ewes. Journal of Animal Science and Biotechnology, 2020, 11, 68.	5.3	5
94	Relative availability of metabolizable methionine from 2 ruminally protected sources of methionine fed to lactating dairy cattle. Journal of Dairy Science, 2021, 104, 1811-1822.	3.4	5
95	Effects of milk feeding strategies on short- and long-term productivity of Holstein heifers. Journal of Dairy Science, 2021, 104, 4303-4316.	3.4	5
96	Location and plant spacing affect biomass yield and nutritional value of pigeon pea forage. Agronomy Journal, 2022, 114, 228-247.	1.8	5
97	A supplement containing multiple types of gluconeogenic substrates alters intake but not productivity of heat-stressed Afshari lambs1. Journal of Animal Science, 2016, 94, 2497-2505.	0.5	4
98	Physiologic responses to feeding rumen-protected glucose to lactating dairy cows. Animal Reproduction Science, 2020, 216, 106346.	1.5	4
99	Editorial: Impact of Climate Change on Immune Responses in Agricultural Animals. Frontiers in Veterinary Science, 2021, 8, 732203.	2.2	4
100	Utilization of by-product and co-product feeds. , 0, , 739-750.		4
101	Restricted nutrient intake does not alter serum-mediated measures of implant response in cell culture. Journal of Animal Science and Biotechnology, 2013, 4, 45.	5.3	3
102	Relative bioavailability of carnitine delivered by ruminal or abomasal infusion or by encapsulation in dairy cattle. Journal of Dairy Science, 2018, 101, 2060-2071.	3.4	3
103	Proteome dataset of subcutaneous adipose tissue from postpartum cows treated with sodium salicylate. Data in Brief, 2019, 26, 104567.	1.0	3
104	Comparison of ruminal digestibility of Origanum onites L. leaves in dairy buffalo and cows. Tropical Animal Health and Production, 2020, 52, 2063-2071.	1.4	3
105	First postpartum ovulation, metabolites and hormones in follicular fluid and blood in transition dairy cows supplemented with a Saccharomyces cerevisiae fermentation product. Theriogenology, 2021, 164, 12-21.	2.1	3
106	Effects of cultivar and harvest days after planting on dry matter yield and nutritive value of teff. Journal of Animal Science and Technology, 2021, 63, 510-519.	2.5	3
107	Effects of TNF receptor blockade on in vitro cell survival and response to negative energy balance in dairy cattle. Journal of Animal Science and Biotechnology, 2018, 9, 6.	5.3	2
108	Effects of central and peripheral administration of an acute-phase protein, Î±-1-acid-glycoprotein, on feed intake and rectal temperature in sheep. Journal of Animal Science, 2019, 97, 4783-4791.	0.5	2

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109	Beta-Hydroxybutyrate Alters the mRNA Cytokine Profile from Mouse Macrophages Challenged with Streptococcus uberis. Kansas Agricultural Experiment Station Research Reports, 2019, 5, .	0.0	2
110	Impact of Saccharomyces cerevisiae Fermentation Product on Feed Intake Parameters, Lactation Performance, and Metabolism of Transition Dairy Cattle. Kansas Agricultural Experiment Station Research Reports, 2019, 4, .	0.0	2
111	1581 Relative bioavailability of l-carnitine delivered by ruminal or abomasal infusion or by encapsulation in dairy cattle. Journal of Animal Science, 2016, 94, 768-769.	0.5	1
112	406 Can We Quantify the Impact of Inflammation and Immune Activation on Nutrient Use and Partitioning?.. Journal of Animal Science, 2018, 96, 218-218.	0.5	1
113	Diverging in vitro inflammatory responses toward Streptococcus uberis in mouse macrophages either preconditioned or continuously treated with Î²-hydroxybutyrate. JDS Communications, 2021, 2, 142-147.	1.5	1
114	Effects of sodium salicylate and time postpartum on mammary tissue proliferation, gene transcript profile, and DNA methylation. Journal of Dairy Science, 2021, 104, 11259-11276.	3.4	1
115	Proteome dataset of liver from dairy cows experiencing negative or positive energy balance at early lactation. Data in Brief, 2021, 39, 107517.	1.0	1
116	Erratum to â€œEffects of a molasses-coated cottonseed product on diet digestibility, performance, and milk fatty acid profile of lactating dairy cattleâ€•(J. Dairy Sci. 93:3128â€“3135). Journal of Dairy Science, 2011, 94, 536.	3.4	0
117	Erratum to â€œTechnical note: Validation of an ELISA for measurement of tumor necrosis factor alpha in bovine plasmaâ€•(J. Dairy Sci. 94:3504â€“3509). Journal of Dairy Science, 2012, 95, 1586.	3.4	0
118	High-grain diets suppress ruminal tissue abundance of angiopoietin-like protein 4 in cattle1. Journal of Animal Science, 2014, 92, 4077-4085.	0.5	0
119	1575 Eelative availability for lactating dairy cattle of methionine from two sources of ruminally protected methionine. Journal of Animal Science, 2016, 94, 765-765.	0.5	0
120	1248 The influence of genetic potential on lactation curve and survival response of commercial dairy cattle to early lactation non-steroidal antiinflammatory (NSAID) drug administration. Journal of Animal Science, 2016, 94, 601-602.	0.5	0
121	1550 Effects of zinc amino acid complex on mammary epithelium and dairy food chemistry. Journal of Animal Science, 2016, 94, 753-753.	0.5	0
122	1107 Early postpartum administration of sodium salicylate to multiparous dairy cattle is associated with alterations in feeding behavior up to 120 d in milk. Journal of Animal Science, 2016, 94, 531-531.	0.5	0
123	400 Spinning straw into milk: Can a 95% byproduct diet support milk production?. Journal of Animal Science, 2016, 94, 187-187.	0.5	0
124	050 Inflammation and immune activation during periods of stress in dairy cattle. Journal of Animal Science, 2017, 95, 23-24.	0.5	0
125	332 Young Scholar Presentation: regulation of immune signaling by extracellular vesicles. Journal of Animal Science, 2019, 97, 132-133.	0.5	0
126	67 Immunometabolism â€“ emerging concepts and potential applications in livestock. Journal of Animal Science, 2019, 97, 101-101.	0.5	0

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127	PSI-11 Anti-inflammatory treatment modifies epigenetics changes to muscle tissue caused by altered nutrient demand in early lactation dairy cows. Journal of Animal Science, 2019, 97, 244-245.	0.5	0
128	Dietary Zinc-Amino Acid Complex Does Not Affect Markers of Mammary Epithelial Integrity or Heat Stability of Milk in Mid-Lactating Cows. Biological Trace Element Research, 2019, 190, 349-357.	3.5	0
129	Nutritional and Immunological Interactions. , 2020, , 427-427.		0
130	Effects of Choline on Neutrophil Function and Inflammation in Growing Cattle with Modulated Methyl Group Status. Kansas Agricultural Experiment Station Research Reports, 2021, 7, .	0.0	0
131	Sodium salicylate reduced mRNA abundance of hypoxia-associated genes in MAC-T cells. JDS Communications, 2021, 2, 159-164.	1.5	0
132	Feeding a branded, modified wet corn gluten feed to lactating dairy cows: A meta-regression approach. Applied Animal Science, 2021, 37, 559-573.	1.2	0
133	Increasing glucose demand increases hepatic pyruvate carboxylase mRNA concentration but not feed intake in late-lactation dairy cows. Journal of Animal and Feed Sciences, 2004, 13, 377-380.	1.1	0
134	Nutritional strategies for a healthy transition to lactation: an update. Kansas Agricultural Experiment Station Research Reports, 2007, , 1-4.	0.0	0
135	1329 Effects of dietary fat source on performance of lactating dairy cows fed a pre-mixed concentrate. Journal of Animal Science, 2016, 94, 641-641.	0.5	0
136	1108 Proteomic analysis reveals increased abundance of inflammation-related proteins in adipose tissues from postpartum dairy cows treated with sodium salicylate. Journal of Animal Science, 2016, 94, 531-531.	0.5	0
137	Can a â€œZero Land Useâ€•Diet Maintain Milk Production of Dairy Cows?. Kansas Agricultural Experiment Station Research Reports, 2019, 4, .	0.0	0
138	Individual Feed Intake of Transition Cows and Their Daily Activity Measures of Temperature, Eating, Rumination, Resting, and Activity Times. Kansas Agricultural Experiment Station Research Reports, 2019, 5, .	0.0	0
139	Combined Risk Factors and Digestive Disorders in Mid-Lactation Holstein Cows: A Case Study. Kansas Agricultural Experiment Station Research Reports, 2019, 5, .	0.0	0
140	Immunologic Disorders. , 2020, , 1717-1763.e11.		0
141	Effects of Pre-Cutting Round Alfalfa Hay Bales on Forage Quality and Processing Time. Kansas Agricultural Experiment Station Research Reports, 2020, 7, .	0.0	0
142	246 Effect of increasing levels of dietary starch on equine cecal microbiota. Journal of Animal Science, 2020, 98, 21-21.	0.5	0
143	PSI-1 Effects of choline on immune cell function in growing cattle supplemented with guanidinoacetic acid and creatine. Journal of Animal Science, 2020, 98, 227-228.	0.5	0