

Barry Bradford

List of Publications by Year in descending order

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143
papers

3,559
citations

159573
30
h-index

149686
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. <i>Journal of Animal Science</i> , 2009, 87, 3317-3334.	0.5	451
2	Invited review: Inflammation during the transition to lactation: New adventures with an old flame. <i>Journal of Dairy Science</i> , 2015, 98, 6631-6650.	3.4	315
3	Strong relationships between mediators of the acute phase response and fatty liver in dairy cows. <i>Canadian Journal of Animal Science</i> , 2005, 85, 165-175.	1.5	144
4	THE COW AS A MODEL TO STUDY FOOD INTAKE REGULATION. <i>Annual Review of Nutrition</i> , 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. <i>Journal of Dairy Science</i> , 2018, 101, 872-888.	3.4	108
6	Daily Injection of Tumor Necrosis Factor- α Increases Hepatic Triglycerides and Alters Transcript Abundance of Metabolic Genes in Lactating Dairy Cattle. <i>Journal of Nutrition</i> , 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. <i>PLoS ONE</i> , 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. <i>Journal of Dairy Science</i> , 2016, 99, 1-17.	3.4	85
9	Plant flavonoids to improve productivity of ruminants – A review. <i>Animal Feed Science and Technology</i> , 2019, 251, 21-36.	2.2	84
10	Anti-inflammatory salicylate treatment alters the metabolic adaptations to lactation in dairy cattle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R110-R117.	1.8	78
11	Effects of encapsulated niacin on metabolism and production of periparturient dairy cows. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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 transportation ¹ . <i>Journal of Animal Science</i> , 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. <i>Journal of Dairy Science</i> , 2016, 99, 672-679.	3.4	63
15	Dietary molasses increases ruminal pH and enhances ruminal biohydrogenation during milk fat depression. <i>Journal of Dairy Science</i> , 2011, 94, 3995-4004.	3.4	60
16	Effects of monensin on metabolic parameters, feeding behavior, and productivity of transition dairy cows. <i>Journal of Dairy Science</i> , 2012, 95, 1323-1336.	3.4	58
17	Analysis of rumen microbial populations in lactating dairy cattle fed diets varying in carbohydrate profiles and <i>Saccharomyces cerevisiae</i> fermentation product. <i>Journal of Dairy Science</i> , 2013, 96, 5872-5881.	3.4	58
18	TNF α Altered Inflammatory Responses, Impaired Health and Productivity, but Did Not Affect Glucose or Lipid Metabolism in Early-Lactation Dairy Cows. <i>PLoS ONE</i> , 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. <i>Domestic Animal Endocrinology</i> , 2008, 34, 196-203.	1.6	57
20	Invited review: Strategies for promoting productivity and health of dairy cattle by feeding nonforage fiber sources. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2013, 96, 7709-7718.	3.4	54
22	Milk Fat Responses to a Change in Diet Fermentability Vary by Production Level in Dairy Cattle. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2007, 90, 3838-3845.	3.4	46
26	Review: Following the smoke signals: inflammatory signaling in metabolic homeostasis and homeorhesis in dairy cattle. <i>Animal</i> , 2020, 14, s144-s154.	3.3	44
27	Phlorizin Administration Increases Hepatic Gluconeogenic Enzyme mRNA Abundance but Not Feed Intake in Late-Lactation Dairy Cows ¹⁻³ . <i>Journal of Nutrition</i> , 2005, 135, 2206-2211.	2.9	40
28	Yeast product supplementation modulated humoral and mucosal immunity and uterine inflammatory signals in transition dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 3236-3246.	3.4	40
29	Yeast product supplementation modulated feeding behavior and metabolism in transition dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 532-540.	3.4	36
30	An unusual distribution of the niacin receptor in cattle. <i>Journal of Dairy Science</i> , 2011, 94, 4962-4967.	3.4	34
31	Tissue expression of angiotensin-like protein 4 in cattle ¹ . <i>Journal of Animal Science</i> , 2010, 88, 124-130.	0.5	31
32	Technical note: Validation of an ELISA for measurement of tumor necrosis factor alpha in bovine plasma. <i>Journal of Dairy Science</i> , 2011, 94, 3504-3509.	3.4	31
33	Effects of prepartum 2,4-thiazolidinedione on insulin sensitivity, plasma concentrations of tumor necrosis factor- α and leptin, and adipose tissue gene expression. <i>Journal of Dairy Science</i> , 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. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1499-1507.	4.2	25
35	Invited Review: Ruminal microbes, microbial products, and systemic inflammation ^{1,2} Presented as a part of the ARPAS Symposium: Understanding Inflammation and Inflammatory Biomarkers to Improve Animal Performance at the ADSA/ASAS Joint Annual Meeting, Salt Lake City, Utah, July 2016. Funding was provided by the ARPAS Foundation. ² Contribution no. 17-366-J from the Kansas Agricultural Experiment Station. <i>The Professional Animal Scientist</i> , 2017, 33, 635-650.	0.7	25
36	Enhancing untargeted metabolomics using metadata-based source annotation. <i>Nature Biotechnology</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Animal Feed Science and Technology</i> , 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. <i>Frontiers in Immunology</i> , 2018, 9, 2448.	4.8	23
40	Control of food intake by metabolism of fuels: a comparison across species. <i>Proceedings of the Nutrition Society</i> , 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. <i>Bratislava Medical Journal</i> , 2017, 118, 443-448.	0.8	21
42	Propionate is not an important regulator of plasma leptin concentration in dairy cattle. <i>Domestic Animal Endocrinology</i> , 2006, 30, 65-75.	1.6	20
43	Propionate Challenge Tests Have Limited Value for Investigating Bovine Metabolism. <i>Journal of Nutrition</i> , 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. <i>Journal of Dairy Science</i> , 2014, 97, 3815-3821.	3.4	20
45	Effects of sodium salicylate on glucose kinetics and insulin signaling in postpartum dairy cows. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2016, 99, 1495-1500.	3.4	19
47	Effect of <i>Saccharomyces cerevisiae</i> fermentation product on feed intake parameters, lactation performance, and metabolism of transition dairy cattle. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2018, 101, 1437-1447.	3.4	16
52	Phlorizin Administration Does Not Attenuate Hypophagia Induced by Intraruminal Propionate Infusion in Lactating Dairy Cattle. <i>Journal of Nutrition</i> , 2007, 137, 326-330.	2.9	15
53	High-Throughput Production of Chromium(III) Complexes for Antibody Immobilization. <i>Analytical Chemistry</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Atherosclerosis</i> , 2016, 252, 128-135.	0.8	14
57	Development of an in vitro macrophage screening system on the immunomodulating effects of feed components. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 89.	5.3	14
58	Characterization of the liver proteome in dairy cows experiencing negative energy balance at early lactation. <i>Journal of Proteomics</i> , 2021, 246, 104308.	2.4	14
59	Phlorizin Induces Lipolysis and Alters Meal Patterns in Both Early-and Late-Lactation Dairy Cows. <i>Journal of Dairy Science</i> , 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. <i>Journal of Proteomics</i> , 2019, 204, 103399.	2.4	13
61	Invited review: Mechanisms of hypophagia during disease. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2014, 97, 3860-3865.	3.4	12
63	Dietary supplementation of <i>Scutellaria baicalensis</i> extract during early lactation decreases milk somatic cells and increases whole lactation milk yield in dairy cattle. <i>PLoS ONE</i> , 2019, 14, e0210744.	2.5	12
64	Effects of Pharmacological Amounts of Nicotinic Acid on Lipolysis and Feed Intake in Cattle. <i>International Journal of Dairy Science</i> , 2011, 6, 134-141.	0.5	12
65	Control of eating by hepatic oxidation of fatty acids. A note of caution. <i>Appetite</i> , 2009, 53, 272-273.	3.7	11
66	RNA interference-based technology: what role in animal agriculture?. <i>Animal Production Science</i> , 2017, 57, 1.	1.3	11
67	Feeding Dairy Cows With "Leftovers" and the Variation in Recovery of Human-Edible Nutrients in Milk. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	3.9	11
68	Effects of dietary rumen-protected choline supplementation on colostrum yields, quality, and choline metabolites from dairy cattle. <i>JDS Communications</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2013, 96, 3064-3074.	3.4	10
72	Intergenerational cycle of disease: Maternal mastitis is associated with poorer daughter performance in dairy cattle. <i>Journal of Dairy Science</i> , 2021, 104, 4537-4548.	3.4	10

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73	Connecting Metabolism to Mastitis: Hyperketonemia Impaired Mammary Gland Defenses During a <i>Streptococcus uberis</i> Challenge in Dairy Cattle. <i>Frontiers in Immunology</i> , 2021, 12, 700278.	4.8	10
74	Short Communication: Rate of Propionate Infusion Within Meals Does Not Influence Feeding Behavior. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2010, 93, 3128-3135.	3.4	8
78	Peripartal alterations of calcitonin gene-related peptide and minerals in dairy cows affected by milk fever. <i>Veterinary Clinical Pathology</i> , 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 cows. <i>Journal of Animal Science</i> , 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. <i>Journal of Dairy Science</i> , 2018, 101, 6066-6073.	3.4	8
81	Bovine hepatic and adipose retinol-binding protein gene expression and relationship with tumor necrosis factor- α . <i>Journal of Dairy Science</i> , 2012, 95, 7097-7104.	3.4	7
82	Managing complexity: Dealing with systemic crosstalk in bovine physiology. <i>Journal of Dairy Science</i> , 2016, 99, 4983-4996.	3.4	7
83	Productivity of lactating dairy cows fed diets with teff hay as the sole forage. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2019, 102, 11609-11621.	3.4	7
85	Acute-phase protein α -1-acid glycoprotein is negatively associated with feed intake in postpartum dairy cows. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2013, 96, 3907-3915.	3.4	6
89	Short communication: Sodium salicylate negatively affects rumen fermentation in vitro and in situ. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 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?. <i>Journal of Dairy Science</i> , 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. <i>Journal of Dairy Science</i> , 2010, 93, 4955-4960.	3.4	5
93	Postpartum meloxicam administration alters plasma haptoglobin, polyunsaturated fatty acid, and oxylipid concentrations in postpartum ewes. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 68.	5.3	5
94	Relative availability of metabolizable methionine from 2 ruminally protected sources of methionine fed to lactating dairy cattle. <i>Journal of Dairy Science</i> , 2021, 104, 1811-1822.	3.4	5
95	Effects of milk feeding strategies on short- and long-term productivity of Holstein heifers. <i>Journal of Dairy Science</i> , 2021, 104, 4303-4316.	3.4	5
96	Location and plant spacing affect biomass yield and nutritional value of pigeon pea forage. <i>Agronomy Journal</i> , 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 lambs ¹ . <i>Journal of Animal Science</i> , 2016, 94, 2497-2505.	0.5	4
98	Physiologic responses to feeding rumen-protected glucose to lactating dairy cows. <i>Animal Reproduction Science</i> , 2020, 216, 106346.	1.5	4
99	Editorial: Impact of Climate Change on Immune Responses in Agricultural Animals. <i>Frontiers in Veterinary Science</i> , 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. <i>Journal of Animal Science and Biotechnology</i> , 2013, 4, 45.	5.3	3
102	Relative bioavailability of carnitine delivered by ruminal or abomasal infusion or by encapsulation in dairy cattle. <i>Journal of Dairy Science</i> , 2018, 101, 2060-2071.	3.4	3
103	Proteome dataset of subcutaneous adipose tissue from postpartum cows treated with sodium salicylate. <i>Data in Brief</i> , 2019, 26, 104567.	1.0	3
104	Comparison of ruminal digestibility of <i>Origanum onites</i> L. leaves in dairy buffalo and cows. <i>Tropical Animal Health and Production</i> , 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 <i>Saccharomyces cerevisiae</i> fermentation product. <i>Theriogenology</i> , 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. <i>Journal of Animal Science and Technology</i> , 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. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 6.	5.3	2
108	Effects of central and peripheral administration of an acute-phase protein, α_2 -1-acid-glycoprotein, on feed intake and rectal temperature in sheep. <i>Journal of Animal Science</i> , 2019, 97, 4783-4791.	0.5	2

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109	Beta-Hydroxybutyrate Alters the mRNA Cytokine Profile from Mouse Macrophages Challenged with <i>Streptococcus uberis</i> . Kansas Agricultural Experiment Station Research Reports, 2019, 5, .	0.0	2
110	Impact of <i>Saccharomyces cerevisiae</i> 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 <i>Streptococcus uberis</i> in mouse macrophages either preconditioned or continuously treated with β -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 "Effects of a molasses-coated cottonseed product on diet digestibility, performance, and milk fatty acid profile of lactating dairy cattle" (J. Dairy Sci. 93:3128-3135). Journal of Dairy Science, 2011, 94, 536.	3.4	0
117	Erratum to "Technical note: Validation of an ELISA for measurement of tumor necrosis factor alpha in bovine plasma" (J. Dairy Sci. 94:3504-3509). Journal of Dairy Science, 2012, 95, 1586.	3.4	0
118	High-grain diets suppress ruminal tissue abundance of angiotensin-like protein 4 in cattle. Journal of Animal Science, 2014, 92, 4077-4085.	0.5	0
119	1575 Relative 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 " 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. <i>Journal of Animal Science</i> , 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. <i>Biological Trace Element Research</i> , 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. <i>Kansas Agricultural Experiment Station Research Reports</i> , 2021, 7, .	0.0	0
131	Sodium salicylate reduced mRNA abundance of hypoxia-associated genes in MAC-T cells. <i>JDS Communications</i> , 2021, 2, 159-164.	1.5	0
132	Feeding a branded, modified wet corn gluten feed to lactating dairy cows: A meta-regression approach. <i>Applied Animal Science</i> , 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. <i>Journal of Animal and Feed Sciences</i> , 2004, 13, 377-380.	1.1	0
134	Nutritional strategies for a healthy transition to lactation: an update. <i>Kansas Agricultural Experiment Station Research Reports</i> , 2007, , 1-4.	0.0	0
135	1329 Effects of dietary fat source on performance of lactating dairy cows fed a pre-mixed concentrate. <i>Journal of Animal Science</i> , 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. <i>Journal of Animal Science</i> , 2016, 94, 531-531.	0.5	0
137	Can a "Zero Land Use" Diet Maintain Milk Production of Dairy Cows?. <i>Kansas Agricultural Experiment Station Research Reports</i> , 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. <i>Kansas Agricultural Experiment Station Research Reports</i> , 2019, 5, .	0.0	0
139	Combined Risk Factors and Digestive Disorders in Mid-Lactation Holstein Cows: A Case Study. <i>Kansas Agricultural Experiment Station Research Reports</i> , 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. <i>Kansas Agricultural Experiment Station Research Reports</i> , 2020, 7, .	0.0	0
142	246 Effect of increasing levels of dietary starch on equine cecal microbiota. <i>Journal of Animal Science</i> , 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. <i>Journal of Animal Science</i> , 2020, 98, 227-228.	0.5	0