

# Barry Bradford

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

128  
papers

2,782  
citations

30  
h-index

49  
g-index

146  
ext. papers

3,406  
ext. citations

3.2  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
128	Proteome dataset of liver from dairy cows experiencing negative or positive energy balance at early lactation. <i>Data in Brief</i> , <b>2021</b> , 39, 107517	1.2	
127	Effects of milk feeding strategies on short- and long-term productivity of Holstein heifers. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 4303-4316	4	1
126	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> , <b>2021</b> , 164, 12-21	2.8	2
125	Intergenerational cycle of disease: Maternal mastitis is associated with poorer daughter performance in dairy cattle. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 4537-4548	4	2
124	Sodium salicylate reduced mRNA abundance of hypoxia-associated genes in MAC-T cells. <i>JDS Communications</i> , <b>2021</b> , 2, 159-164	1.4	
123	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> , <b>2021</b> , 63, 510-519	1.6	0
122	Diverging in vitro inflammatory responses toward <i>Streptococcus uberis</i> in mouse macrophages either preconditioned or continuously treated with $\beta$ -hydroxybutyrate. <i>JDS Communications</i> , <b>2021</b> , 2, 142-147	1.4	1
121	Connecting Metabolism to Mastitis: Hyperketonemia Impaired Mammary Gland Defenses During a Challenge in Dairy Cattle. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 700278	8.4	0
120	Relative availability of metabolizable methionine from 2 ruminally protected sources of methionine fed to lactating dairy cattle. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 1811-1822	4	0
119	Characterization of the liver proteome in dairy cows experiencing negative energy balance at early lactation. <i>Journal of Proteomics</i> , <b>2021</b> , 246, 104308	3.9	3
118	Invited review: Mechanisms of hypophagia during disease. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 9418-9436		3
117	Effects of sodium salicylate and time postpartum on mammary tissue proliferation, gene transcript profile, and DNA methylation. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 11259-11276	4	
116	Feeding a branded, modified wet corn gluten feed to lactating dairy cows: A meta-regression approach. <i>Applied Animal Science</i> , <b>2021</b> , 37, 559-573	1.2	
115	Acute-phase protein $\alpha$ -acid glycoprotein is negatively associated with feed intake in postpartum dairy cows. <i>Journal of Dairy Science</i> , <b>2021</b> , 104, 806-817	4	1
114	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> , <b>2020</b> , 103, 6233-6243	4	1
113	Postpartum meloxicam administration alters plasma haptoglobin, polyunsaturated fatty acid, and oxylipid concentrations in postpartum ewes. <i>Journal of Animal Science and Biotechnology</i> , <b>2020</b> , 11, 68	6	1
112	Review: Following the smoke signals: inflammatory signaling in metabolic homeostasis and homeorhesis in dairy cattle. <i>Animal</i> , <b>2020</b> , 14, s144-s154	3.1	13

111	Comparison of ruminal digestibility of <i>Origanum onites</i> L. leaves in dairy buffalo and cows. <i>Tropical Animal Health and Production</i> , <b>2020</b> , 52, 2063-2071	1.7	2
110	246 Effect of increasing levels of dietary starch on equine cecal microbiota. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 21-21	0.7	
109	PSI-1 Effects of choline on immune cell function in growing cattle supplemented with guanidinoacetic acid and creatine. <i>Journal of Animal Science</i> , <b>2020</b> , 98, 227-228	0.7	
108	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> , <b>2020</b> , 103, 11857-11875	4	2
107	Immunologic Disorders <b>2020</b> , 1717-1763.e11		
106	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> , <b>2020</b> , 103, 3524-367	4	1
105	Nutrition, Digestion and Absorption: Nutritional and Immunological Interactions <b>2020</b> , 427-427		
104	Development of an macrophage screening system on the immunomodulating effects of feed components. <i>Journal of Animal Science and Biotechnology</i> , <b>2020</b> , 11, 89	6	2
103	Physiologic responses to feeding rumen-protected glucose to lactating dairy cows. <i>Animal Reproduction Science</i> , <b>2020</b> , 216, 106346	2.1	1
102	332 Young Scholar Presentation: regulation of immune signaling by extracellular vesicles. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 132-133	0.7	78
101	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> , <b>2019</b> , 14, e0210744	3.7	6
100	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> , <b>2019</b> , 204, 103399	3.9	9
99	Plant flavonoids to improve productivity of ruminants [A review. <i>Animal Feed Science and Technology</i> , <b>2019</b> , 251, 21-36	3	45
98	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> , <b>2019</b> , 102, 8092-8107	4	9
97	Proteome dataset of subcutaneous adipose tissue from postpartum cows treated with sodium salicylate. <i>Data in Brief</i> , <b>2019</b> , 26, 104567	1.2	1
96	Effects of central and peripheral administration of an acute-phase protein, $\beta_2$ -acid-glycoprotein, on feed intake and rectal temperature in sheep. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 4783-4791	0.7	2
95	Beta-Hydroxybutyrate Alters the mRNA Cytokine Profile from Mouse Macrophages Challenged with <i>Streptococcus uberis</i> . <i>Kansas Agricultural Experiment Station Research Reports</i> , <b>2019</b> , 5,	1	2
94	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> , <b>2019</b> , 102, 11609-11621	4	5

93	67 Immunometabolism Emerging concepts and potential applications in livestock. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 101-101	0.7	78
92	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> , <b>2019</b> , 97, 244-245	0.7	78
91	Feeding Dairy Cows With Leftovers and the Variation in Recovery of Human-Edible Nutrients in Milk. <i>Frontiers in Sustainable Food Systems</i> , <b>2019</b> , 3,	4.8	6
90	Effects of sodium salicylate on glucose kinetics and insulin signaling in postpartum dairy cows. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 1617-1629	4	11
89	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> , <b>2019</b> , 190, 349-357	4.5	
88	Relative bioavailability of carnitine delivered by ruminal or abomasal infusion or by encapsulation in dairy cattle. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 2060-2071	4	1
87	406 Can We Quantify the Impact of Inflammation and Immune Activation on Nutrient Use and Partitioning?.. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 218-218	0.7	1
86	Productivity of lactating dairy cows fed diets with teff hay as the sole forage. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 5984-5990	4	4
85	Effects of fat supplementation to diets high in nonforage fiber on production responses of midlactation dairy cows. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 6066-6073	4	5
84	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> , <b>2018</b> , 9, 6	6	2
83	Effects of early postpartum sodium salicylate treatment on long-term milk, intake, and blood parameters of dairy cows. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 1437-1447	4	11
82	Invited review: Practical feeding management recommendations to mitigate the risk of subacute ruminal acidosis in dairy cattle. <i>Journal of Dairy Science</i> , <b>2018</b> , 101, 872-888	4	58
81	Choline Regulates the Function of Bovine Immune Cells and Alters the mRNA Abundance of Enzymes and Receptors Involved in Its Metabolism. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2448	8.4	12
80	RNA interference-based technology: what role in animal agriculture?. <i>Animal Production Science</i> , <b>2017</b> , 57, 1	1.4	10
79	Short communication: Sodium salicylate negatively affects rumen fermentation in vitro and in situ. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 1935-1939	4	5
78	Invited Review : 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 ADSA-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		13
77	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> , <b>2017</b> , 118, 443-448	1.7	16
76	The P2Y2 receptor mediates uptake of matrix-retained and aggregated low density lipoprotein in primary vascular smooth muscle cells. <i>Atherosclerosis</i> , <b>2016</b> , 252, 128-135	3.1	12

75	A supplement containing multiple types of gluconeogenic substrates alters intake but not productivity of heat-stressed Afshari lambs. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 2497-505	0.7	3
74	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> , <b>2016</b> , 212, 136-142	3	18
73	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> , <b>2016</b> , 99, 1495-1500	4	10
72	Managing complexity: Dealing with systemic crosstalk in bovine physiology. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 4983-4996	4	5
71	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> , <b>2016</b> , 99, 1-17	4	54
70	Hot topic: Early postpartum treatment of commercial dairy cows with nonsteroidal antiinflammatory drugs increases whole-lactation milk yield. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 672-9	4	46
69	1329 Effects of dietary fat source on performance of lactating dairy cows fed a pre-mixed concentrate. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 641-641	0.7	
68	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> , <b>2016</b> , 94, 531-531	0.7	
67	1575 Relative availability for lactating dairy cattle of methionine from two sources of ruminally protected methionine. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 765-765	0.7	
66	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. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 601-602	0.7	
65	1107 Early postpartum administration of sodium salicylate to multiparous dairy cattle is associated with alterations in feeding behavior up to 120 d in milk. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 531-531	0.7	
64	1581 Relative bioavailability of l-carnitine delivered by ruminal or abomasal infusion or by encapsulation in dairy cattle. <i>Journal of Animal Science</i> , <b>2016</b> , 94, 768-769	0.7	1
63	High-Throughput Production of Chromium(III) Complexes for Antibody Immobilization. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 10102-10110	7.8	14
62	Yeast product supplementation modulated humoral and mucosal immunity and uterine inflammatory signals in transition dairy cows. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 3236-46	4	25
61	Invited review: Inflammation during the transition to lactation: New adventures with an old flame. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 6631-50	4	203
60	Yeast product supplementation modulated feeding behavior and metabolism in transition dairy cows. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 532-40	4	26
59	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> , <b>2014</b> , 97, 3860-5	4	11
58	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> , <b>2014</b> , 97, 4897-906	4	12

57	Impact of oral meloxicam on circulating physiological biomarkers of stress and inflammation in beef steers after long-distance transportation. <i>Journal of Animal Science</i> , <b>2014</b> , 92, 498-510	0.7	46
56	High-grain diets suppress ruminal tissue abundance of angiotensin-like protein 4 in cattle. <i>Journal of Animal Science</i> , <b>2014</b> , 92, 4077-85	0.7	
55	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> , <b>2014</b> , 92, 666-75	0.7	7
54	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> , <b>2014</b> , 97, 3815-21	4	13
53	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> , <b>2014</b> , 97, 3822-31	4	9
52	Effects of dietary amylase and sucrose on productivity of cows fed low-starch diets. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 4464-70	4	11
51	Holsteins favor heifers, not bulls: biased milk production programmed during pregnancy as a function of fetal sex. <i>PLoS ONE</i> , <b>2014</b> , 9, e86169	3.7	69
50	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> , <b>2013</b> , 96, 5872-81 <sup>4</sup>		51
49	Sodium salicylate treatment in early lactation increases whole-lactation milk and milk fat yield in mature dairy cows. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 7709-18	4	41
48	Peripartal alterations of calcitonin gene-related peptide and minerals in dairy cows affected by milk fever. <i>Veterinary Clinical Pathology</i> , <b>2013</b> , 42, 70-7	1	5
47	Restricted nutrient intake does not alter serum-mediated measures of implant response in cell culture. <i>Journal of Animal Science and Biotechnology</i> , <b>2013</b> , 4, 45	6	3
46	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> , <b>2013</b> , 24, 1499-507	6.3	22
45	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> , <b>2013</b> , 96, 4738-50	4	39
44	Effects of urea formaldehyde condensation polymer treatment of flaxseed on ruminal digestion and lactation in dairy cows. <i>Journal of Dairy Science</i> , <b>2013</b> , 96, 3907-15	4	5
43	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> , <b>2013</b> , 96, 5300-5	4	9
42	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> , <b>2013</b> , 96, 3064-74	4	8
41	Anti-inflammatory salicylate treatment alters the metabolic adaptations to lactation in dairy cattle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2013</b> , 305, R110-7	3.2	65
40	TNF $\alpha$ altered inflammatory responses, impaired health and productivity, but did not affect glucose or lipid metabolism in early-lactation dairy cows. <i>PLoS ONE</i> , <b>2013</b> , 8, e80316	3.7	45

39	Effects of monensin on metabolic parameters, feeding behavior, and productivity of transition dairy cows. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 1323-36	4	42
38	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> , <b>2012</b> , 95, 842-9	4	8
37	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> , <b>2012</b> , 95, 5213-5220	4	12
36	Invited review: strategies for promoting productivity and health of dairy cattle by feeding nonforage fiber sources. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 4735-4746	4	40
35	Bovine hepatic and adipose retinol-binding protein gene expression and relationship with tumor necrosis factor- $\alpha$ . <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 7097-104	4	7
34	Control of food intake by metabolism of fuels: a comparison across species. <i>Proceedings of the Nutrition Society</i> , <b>2012</b> , 71, 401-9	2.9	18
33	Effect of complementation of cattle cooling systems with feedline soakers on lactating dairy cows in a desert environment. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 1026-31	4	6
32	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> , <b>2011</b> , 94, 526-31	4	11
31	Technical note: validation of an ELISA for measurement of tumor necrosis factor alpha in bovine plasma. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 3504-9	4	24
30	Dietary molasses increases ruminal pH and enhances ruminal biohydrogenation during milk fat depression. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 3995-4004	4	50
29	An unusual distribution of the niacin receptor in cattle. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 4962-7	4	31
28	Effects of encapsulated niacin on metabolism and production of periparturient dairy cows. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 5090-104	4	56
27	Effects of prepartum 2,4-thiazolidinedione on insulin sensitivity, plasma concentrations of tumor necrosis factor- $\alpha$ and leptin, and adipose tissue gene expression. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 5523-32	4	23
26	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]. <i>Journal of Dairy Science</i> , <b>2011</b> , 94, 536	4	
25	Effects of Pharmacological Amounts of Nicotinic Acid on Lipolysis and Feed Intake in Cattle. <i>International Journal of Dairy Science</i> , <b>2011</b> , 6, 134-141	0.7	9
24	Tissue expression of angiotensin-like protein 4 in cattle. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 124-30	0.7	23
23	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> , <b>2010</b> , 93, 3128-35	4	7
22	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> , <b>2010</b> , 93, 4949-54	4	6

21	A comparison of the effects of 2 cattle-cooling systems on dairy cows in a desert environment. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 4955-60	4	4
20	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> , <b>2010</b> , 93, 5329-37	4	20
19	Daily injection of tumor necrosis factor- $\alpha$ increases hepatic triglycerides and alters transcript abundance of metabolic genes in lactating dairy cattle. <i>Journal of Nutrition</i> , <b>2009</b> , 139, 1451-6	4.1	72
18	Control of eating by hepatic oxidation of fatty acids. A note of caution. <i>Appetite</i> , <b>2009</b> , 53, 272-3; author reply 274-6	4.5	8
17	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> , <b>2009</b> , 92, 3510-6	4	7
16	Board Invited Review: The hepatic oxidation theory of the control of feed intake and its application to ruminants. <i>Journal of Animal Science</i> , <b>2009</b> , 87, 3317-34	0.7	343
15	Negative energy balance increases periprandial ghrelin and growth hormone concentrations in lactating dairy cows. <i>Domestic Animal Endocrinology</i> , <b>2008</b> , 34, 196-203	2.3	50
14	Response of milk fatty acid composition to dietary supplementation of soy oil, conjugated linoleic acid, or both. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 260-70	4	39
13	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> , <b>2008</b> , 91, 1443-50	4	59
12	Phlorizin administration does not attenuate hypophagia induced by intraruminal propionate infusion in lactating dairy cattle. <i>Journal of Nutrition</i> , <b>2007</b> , 137, 326-30	4.1	10
11	Phlorizin induces lipolysis and alters meal patterns in both early- and late-lactation dairy cows. <i>Journal of Dairy Science</i> , <b>2007</b> , 90, 1810-5	4	13
10	Short communication: Rate of propionate infusion within meals does not influence feeding behavior. <i>Journal of Dairy Science</i> , <b>2007</b> , 90, 2305-8	4	8
9	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> , <b>2007</b> , 90, 3838-45	4	34
8	Propionate is not an important regulator of plasma leptin concentration in dairy cattle. <i>Domestic Animal Endocrinology</i> , <b>2006</b> , 30, 65-75	2.3	16
7	Propionate challenge tests have limited value for investigating bovine metabolism. <i>Journal of Nutrition</i> , <b>2006</b> , 136, 1915-20	4.1	14
6	Strong relationships between mediators of the acute phase response and fatty liver in dairy cows. <i>Canadian Journal of Animal Science</i> , <b>2005</b> , 85, 165-175	0.9	116
5	The cow as a model to study food intake regulation. <i>Annual Review of Nutrition</i> , <b>2005</b> , 25, 523-47	9.9	109
4	Phlorizin administration increases hepatic gluconeogenic enzyme mRNA abundance but not feed intake in late-lactation dairy cows. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 2206-11	4.1	38

3	Milk fat responses to a change in diet fermentability vary by production level in dairy cattle. <i>Journal of Dairy Science</i> , <b>2004</b> , 87, 3800-7	4	45
2	Utilization of by-product and co-product feeds739-750		3
1	Reference data based insights expand understanding of human metabolomes		4