

Todd Duffield

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170
papers

8,352
citations

47
h-index

86
g-index

179
ext. papers

9,726
ext. citations

3.6
avg, IF

6
L-index

#	Paper	IF	Citations
170	Defining and diagnosing postpartum clinical endometritis and its impact on reproductive performance in dairy cows. <i>Journal of Dairy Science</i> , 2002 , 85, 2223-36	4	412
169	Endometrial cytology and ultrasonography for the detection of subclinical endometritis in postpartum dairy cows. <i>Theriogenology</i> , 2004 , 62, 9-23	2.8	358
168	Impact of hyperketonemia in early lactation dairy cows on health and production. <i>Journal of Dairy Science</i> , 2009 , 92, 571-80	4	355
167	Major advances in disease prevention in dairy cattle. <i>Journal of Dairy Science</i> , 2006 , 89, 1267-79	4	272
166	Metabolic predictors of displaced abomasum in dairy cattle. <i>Journal of Dairy Science</i> , 2005 , 88, 159-70	4	263
165	Subclinical ketosis in lactating dairy cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2000 , 16, 231-53, v	4.6	247
164	The association of serum metabolites with clinical disease during the transition period. <i>Journal of Dairy Science</i> , 2011 , 94, 4897-903	4	212
163	Risk factors for postpartum uterine diseases in dairy cows. <i>Journal of Dairy Science</i> , 2010 , 93, 5764-71	4	204
162	<i>Clostridium difficile</i> in retail ground meat, Canada. <i>Emerging Infectious Diseases</i> , 2007 , 13, 485-7	10.2	202
161	Comparison of techniques for measurement of rumen pH in lactating dairy cows. <i>Journal of Dairy Science</i> , 2004 , 87, 59-66	4	187
160	Definitions and diagnosis of postpartum endometritis in dairy cows. <i>Journal of Dairy Science</i> , 2010 , 93, 5225-33	4	176
159	<i>Clostridium difficile</i> PCR ribotypes in calves, Canada. <i>Emerging Infectious Diseases</i> , 2006 , 12, 1730-6	10.2	166
158	The effect of subclinical ketosis in early lactation on reproductive performance of postpartum dairy cows. <i>Journal of Dairy Science</i> , 2007 , 90, 2788-96	4	165
157	Efficacy of monensin for the prevention of subclinical ketosis in lactating dairy cows. <i>Journal of Dairy Science</i> , 1998 , 81, 2866-73	4	146
156	Effects of a subacute ruminal acidosis model on the diet selection of dairy cows. <i>Journal of Dairy Science</i> , 2002 , 85, 3304-13	4	141
155	The effect of meloxicam on behavior and pain sensitivity of dairy calves following cauterizing dehorning with a local anesthetic. <i>Journal of Dairy Science</i> , 2010 , 93, 2450-7	4	138
154	Short communication: Haptoglobin as an early indicator of metritis. <i>Journal of Dairy Science</i> , 2009 , 92, 621-5	4	136

153	Invited review: Use of meta-analysis in animal health and reproduction: methods and applications. <i>Journal of Dairy Science</i> , 2009 , 92, 3545-65	4	131
152	The association of serum metabolites in the transition period with milk production and early-lactation reproductive performance. <i>Journal of Dairy Science</i> , 2012 , 95, 1301-9	4	129
151	Metabolic parameters in transition cows as indicators for early-lactation culling risk. <i>Journal of Dairy Science</i> , 2012 , 95, 3057-63	4	116
150	Meta-analysis of the effects of monensin in beef cattle on feed efficiency, body weight gain, and dry matter intake. <i>Journal of Animal Science</i> , 2012 , 90, 4583-92	0.7	113
149	The effect of treatment of clinical endometritis on reproductive performance in dairy cows. <i>Journal of Dairy Science</i> , 2002 , 85, 2237-49	4	111
148	Herd-level association of serum metabolites in the transition period with disease, milk production, and early lactation reproductive performance. <i>Journal of Dairy Science</i> , 2012 , 95, 5676-82	4	102
147	Effects of postpartum uterine diseases on milk production and culling in dairy cows. <i>Journal of Dairy Science</i> , 2011 , 94, 1339-46	4	97
146	Peripartum serum vitamin E, retinol, and beta-carotene in dairy cattle and their associations with disease. <i>Journal of Dairy Science</i> , 2004 , 87, 609-19	4	94
145	A meta-analysis of the impact of monensin in lactating dairy cattle. Part 2. Production effects. <i>Journal of Dairy Science</i> , 2008 , 91, 1347-60	4	93
144	A meta-analysis of the impact of monensin in lactating dairy cattle. Part 1. Metabolic effects. <i>Journal of Dairy Science</i> , 2008 , 91, 1334-46	4	91
143	Randomized clinical trial of antibiotic and prostaglandin treatments for uterine health and reproductive performance in dairy cows. <i>Journal of Dairy Science</i> , 2011 , 94, 1325-38	4	89
142	The effect of a single administration of cephalixin or cloprostenol on the reproductive performance of dairy cows with subclinical endometritis. <i>Theriogenology</i> , 2005 , 63, 818-30	2.8	88
141	Effect of prepartum administration of monensin in a controlled-release capsule on postpartum energy indicators in lactating dairy cows. <i>Journal of Dairy Science</i> , 1998 , 81, 2354-61	4	83
140	Evaluation of five cowside tests for use with milk to detect subclinical ketosis in dairy cows. <i>Journal of Dairy Science</i> , 1998 , 81, 438-43	4	80
139	Calf-level risk factors for neonatal diarrhea and shedding of <i>Cryptosporidium parvum</i> in Ontario dairy calves. <i>Preventive Veterinary Medicine</i> , 2007 , 82, 12-28	3.1	79
138	Prevalence and risk factors for postpartum anovulatory condition in dairy cows. <i>Journal of Dairy Science</i> , 2007 , 90, 315-24	4	77
137	Effects of mild heat stress and grain challenge on acid-base balance and rumen tissue histology in lambs. <i>Journal of Animal Science</i> , 2006 , 84, 447-55	0.7	71
136	The impact of meloxicam on postsurgical stress associated with cautery dehorning. <i>Journal of Dairy Science</i> , 2009 , 92, 540-7	4	68

135	The effect of meloxicam on pain sensitivity, rumination time, and clinical signs in dairy cows with endotoxin-induced clinical mastitis. <i>Journal of Dairy Science</i> , 2013 , 96, 2847-56	4	65
134	Effect of a prepartum administration of monensin in a controlled-release capsule on apparent digestibilities and nitrogen utilization in transition dairy cows. <i>Journal of Dairy Science</i> , 2000 , 83, 2918-25 ⁴		63
133	Effects of rumen-protected choline and monensin on milk production and metabolism of periparturient dairy cows. <i>Journal of Dairy Science</i> , 2006 , 89, 4808-18	4	58
132	Association of rumination time with subclinical ketosis in transition dairy cows. <i>Journal of Dairy Science</i> , 2016 , 99, 5604-5618	4	58
131	Effect of paratuberculosis on culling, milk production, and milk quality in dairy herds. <i>Journal of the American Veterinary Medical Association</i> , 2005 , 227, 1302-8	1	57
130	Effects of monensin and dietary soybean oil on milk fat percentage and milk fatty acid profile in lactating dairy cows. <i>Journal of Dairy Science</i> , 2008 , 91, 1166-74	4	55
129	Effect of a monensin controlled release capsule on metabolic parameters in transition dairy cows. <i>Journal of Dairy Science</i> , 2003 , 86, 1171-6	4	55
128	The effect of prepartum injection of vitamin E on health in transition dairy cows. <i>Journal of Dairy Science</i> , 2002 , 85, 1416-26	4	54
127	Nonsteroidal anti-inflammatory drug therapy for neonatal calf diarrhea complex: Effects on calf performance. <i>Journal of Animal Science</i> , 2010 , 88, 2019-28	0.7	51
126	Technical note: A system for continuous recording of ruminal pH in cattle. <i>Journal of Animal Science</i> , 2007 , 85, 213-7	0.7	51
125	Effect of a monensin-controlled release capsule on cow health and reproductive performance. <i>Journal of Dairy Science</i> , 1999 , 82, 2377-84	4	50
124	A meta-analysis of the impact of monensin in lactating dairy cattle. Part 3. Health and reproduction. <i>Journal of Dairy Science</i> , 2008 , 91, 2328-41	4	47
123	Efficacy of intramammary tilmicosin and risk factors for cure of <i>Staphylococcus aureus</i> infection in the dry period. <i>Journal of Dairy Science</i> , 2003 , 86, 159-68	4	47
122	Evaluation of enzyme-linked immunosorbent assays performed on milk and serum samples for detection of paratuberculosis in lactating dairy cows. <i>Journal of the American Veterinary Medical Association</i> , 2005 , 226, 424-8	1	47
121	Thoracic Ultrasonography and Bronchoalveolar Lavage Fluid Analysis in Holstein Calves with Subclinical Lung Lesions. <i>Journal of Veterinary Internal Medicine</i> , 2015 , 29, 1728-34	3.1	46
120	Effects of a monensin controlled-release capsule or premix on attenuation of subacute ruminal acidosis in dairy cows. <i>Journal of Dairy Science</i> , 2002 , 85, 3454-61	4	45
119	Association between management practices and within-herd prevalence of <i>Cryptosporidium parvum</i> shedding on dairy farms in southern Ontario. <i>Preventive Veterinary Medicine</i> , 2008 , 83, 11-23	3.1	44
118	Prepartum monensin for the reduction of energy associated disease in postpartum dairy cows. <i>Journal of Dairy Science</i> , 2002 , 85, 397-405	4	44

117	Management practices for male calves on Canadian dairy farms. <i>Journal of Dairy Science</i> , 2017 , 100, 6862-6871	4	41
116	Effect of prepartum administration of monensin in a controlled-release capsule on milk production and milk components in early lactation. <i>Journal of Dairy Science</i> , 1999 , 82, 272-9	4	41
115	Mortality risk factors for calves entering a multi-location white veal farm in Ontario, Canada. <i>Journal of Dairy Science</i> , 2016 , 99, 10174-10181	4	40
114	Risk factors and effects of postpartum anovulation in dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 1845-54	4	37
113	Effects of prepartum administration of a monensin controlled release capsule on rumen pH, feed intake, and milk production of transition dairy cows. <i>Journal of Dairy Science</i> , 2007 , 90, 937-45	4	37
112	The efficacy of intramammary tilmicosin at drying-off, and other risk factors for the prevention of new intramammary infections during the dry period. <i>Journal of Dairy Science</i> , 2002 , 85, 3250-9	4	37
111	Risk factors associated with mortality at a milk-fed veal calf facility: A prospective cohort study. <i>Journal of Dairy Science</i> , 2018 , 101, 2659-2668	4	36
110	Efficacy of halofuginone lactate in the prevention of cryptosporidiosis in dairy calves. <i>Veterinary Record</i> , 2011 , 168, 509	0.9	35
109	Effect of subacute ruminal acidosis on in situ digestion of mixed hay in lactating dairy cows. <i>Canadian Journal of Animal Science</i> , 2001 , 81, 421-423	0.9	35
108	Practices for the disbudding and dehorning of dairy calves by veterinarians and dairy producers in Ontario, Canada. <i>Journal of Dairy Science</i> , 2016 , 99, 10161-10173	4	35
107	Investigating the within-herd prevalence and risk factors for ketosis in dairy cattle in Ontario as diagnosed by the test-day concentration of β -hydroxybutyrate in milk. <i>Journal of Dairy Science</i> , 2017 , 100, 1308-1318	4	34
106	Effect of frequency of feed delivery on the behavior and productivity of lactating dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 1713-24	4	34
105	The use of a radiotelemetric ruminal bolus to detect body temperature changes in lactating dairy cattle. <i>Journal of Dairy Science</i> , 2011 , 94, 3568-74	4	33
104	<i>Neospora caninum</i> serostatus and milk production of Holstein cattle. <i>Journal of the American Veterinary Medical Association</i> , 2002 , 221, 1160-4	1	33
103	An evaluation of milk ketone tests for the prediction of left displaced abomasum in dairy cows. <i>Journal of Dairy Science</i> , 1997 , 80, 3188-92	4	32
102	Clinical and metabolic indicators associated with early mortality at a milk-fed veal facility: A prospective case-control study. <i>Journal of Dairy Science</i> , 2018 , 101, 2669-2678	4	31
101	The effect of lung consolidation, as determined by ultrasonography, on first-lactation milk production in Holstein dairy calves. <i>Journal of Dairy Science</i> , 2018 , 101, 5404-5410	4	31
100	Effects of meloxicam on milk production, behavior, and feed intake in dairy cows following assisted calving. <i>Journal of Dairy Science</i> , 2013 , 96, 3682-8	4	31

99	Isolation of bovine intestinal <i>Lactobacillus plantarum</i> and <i>Pediococcus acidilactici</i> with inhibitory activity against <i>Escherichia coli</i> O157 and F5. <i>Journal of Applied Microbiology</i> , 2009 , 106, 393-401	4.7	31
98	Natural and experimental infection of neonatal calves with <i>Clostridium difficile</i> . <i>Veterinary Microbiology</i> , 2007 , 124, 166-72	3.3	31
97	Genetic susceptibility to <i>Neospora caninum</i> infection in Holstein cattle in Ontario. <i>Journal of Dairy Science</i> , 2004 , 87, 3967-75	4	31
96	Metabolic aspects in the etiology of displaced abomasum. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2000 , 16, 255-65, vi	4.6	31
95	Calf management risk factors on dairy farms associated with male calf mortality on veal farms. <i>Journal of Dairy Science</i> , 2018 , 101, 1785-1794	4	31
94	Liquid exfoliation of 2D MoS nanosheets and their utilization as a label-free electrochemical immunoassay for subclinical ketosis. <i>Nanoscale</i> , 2017 , 9, 10886-10896	7.7	30
93	Evaluation of prepartum serum cholesterol and fatty acids concentrations as predictors of postpartum retention of the placenta in dairy cows. <i>Journal of the American Veterinary Medical Association</i> , 2009 , 234, 790-3	1	30
92	Microfluidic biosensor for β -Hydroxybutyrate (β BHA) determination of subclinical ketosis diagnosis. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 13	9.4	29
91	Effects of monensin on ruminal forage degradability and total tract diet digestibility in lactating dairy cows during grain-induced subacute ruminal acidosis. <i>Journal of Dairy Science</i> , 2004 , 87, 1840-7	4	29
90	Effects of monensin and stage of lactation on variation of blood metabolites within twenty-four hours in dairy cows. <i>Journal of Dairy Science</i> , 2005 , 88, 3595-602	4	28
89	Development of quantum dots-based biosensor towards on-farm detection of subclinical ketosis. <i>Biosensors and Bioelectronics</i> , 2015 , 72, 140-7	11.8	27
88	Effects of rumen acid load from feed and forage particle size on ruminal pH and dry matter intake in the lactating dairy cow. <i>Journal of Dairy Science</i> , 2006 , 89, 4758-68	4	27
87	Short communication: Association of lying behavior and subclinical ketosis in transition dairy cows. <i>Journal of Dairy Science</i> , 2016 , 99, 7473-7480	4	26
86	Effect of monensin delivery method on dry matter intake, body condition score, and metabolic parameters in transition dairy cows. <i>Journal of Dairy Science</i> , 2007 , 90, 1870-9	4	25
85	Effect of milking frequency on the behavior and productivity of lactating dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 6973-6985	4	24
84	Associations of serum haptoglobin in newborn dairy calves with health, growth, and mortality up to 4 months of age. <i>Journal of Dairy Science</i> , 2014 , 97, 7844-55	4	24
83	Effects of local anesthetic or systemic analgesia on pain associated with cautery disbudding in calves: A systematic review and meta-analysis. <i>Journal of Dairy Science</i> , 2018 , 101, 5411-5427	4	23
82	Canadian National Dairy Study: Heifer calf management. <i>Journal of Dairy Science</i> , 2018 , 101, 10565-10572	4	23

81	Short communication: validation of a point-of-care glucometer for use in dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 4514-8	4	22
80	The effects of periparturient administration of flunixin meglumine on the health and production of dairy cattle. <i>Journal of Dairy Science</i> , 2017 , 100, 582-587	4	22
79	The effects of subacute ruminal acidosis on sodium bicarbonate-supplemented water intake for lactating dairy cows. <i>Journal of Dairy Science</i> , 2004 , 87, 2248-53	4	22
78	Clinical trial of local anesthetic protocols for acute pain associated with caustic paste disbudding in dairy calves. <i>Journal of Dairy Science</i> , 2017 , 100, 6429-6441	4	21
77	Association of rumination time and health status with milk yield and composition in early-lactation dairy cows. <i>Journal of Dairy Science</i> , 2018 , 101, 462-471	4	21
76	Effect of isoflupredone acetate with or without insulin on energy metabolism, reproduction, milk production, and health in dairy cows in early lactation. <i>Journal of Dairy Science</i> , 2007 , 90, 4181-91	4	20
75	Neospora caninum serostatus and culling of Holstein cattle. <i>Journal of the American Veterinary Medical Association</i> , 2002 , 221, 1165-8	1	20
74	Effects of a combination butaphosphan and cyanocobalamin product and insulin on ketosis resolution and milk production. <i>Journal of Dairy Science</i> , 2017 , 100, 2954-2966	4	19
73	A systematic review and meta-analysis of the diagnostic accuracy of point-of-care tests for the detection of hyperketonemia in dairy cows. <i>Preventive Veterinary Medicine</i> , 2016 , 130, 18-32	3.1	19
72	Effect of health status evaluated at arrival on growth in milk-fed veal calves: A prospective single cohort study. <i>Journal of Dairy Science</i> , 2018 , 101, 10383-10390	4	19
71	Short communication: use of a mechanical brush by Holstein dairy cattle around parturition. <i>Journal of Dairy Science</i> , 2013 , 96, 2339-2344	4	19
70	Short communication: Effects of subacute ruminal acidosis on free-choice intake of sodium bicarbonate in lactating dairy cows. <i>Journal of Dairy Science</i> , 2003 , 86, 954-7	4	19
69	A randomized controlled trial of dexamethasone as an adjunctive therapy to propylene glycol for treatment of hyperketonemia in postpartum dairy cattle. <i>Journal of Dairy Science</i> , 2016 , 99, 8991-9000	4	18
68	Randomized clinical trial of a calcium supplement for improvement of health in dairy cows in early lactation. <i>Journal of Dairy Science</i> , 2016 , 99, 6550-6562	4	18
67	Efficacy of monensin sodium for the reduction of fecal shedding of <i>Mycobacterium avium</i> subsp. paratuberculosis in infected dairy cattle. <i>Preventive Veterinary Medicine</i> , 2006 , 75, 206-20	3.1	18
66	The effect of administering ketoprofen on the physiology and behavior of dairy cows following surgery to correct a left displaced abomasum. <i>Journal of Dairy Science</i> , 2013 , 96, 1511-20	4	17
65	Identifying and preventing pain during and after surgery in farm animals. <i>Applied Animal Behaviour Science</i> , 2011 , 135, 259-265	2.2	17
64	Multiattribute evaluation of two simple tests for the detection of <i>Cryptosporidium parvum</i> in calf faeces. <i>Veterinary Parasitology</i> , 2005 , 134, 15-23	2.8	17

63	A field study of dietary interactions with monensin on milk fat percentage in lactating dairy cattle. <i>Journal of Dairy Science</i> , 2003 , 86, 4161-6	4	16
62	Randomized clinical field trial on the effects of butaphosphan-cyanocobalamin and propylene glycol on ketosis resolution and milk production. <i>Journal of Dairy Science</i> , 2017 , 100, 3912-3921	4	15
61	Effect of straw particle size on the behavior, health, and production of early-lactation dairy cows. <i>Journal of Dairy Science</i> , 2018 , 101, 6375-6387	4	15
60	Short communication: Validation of methods for practically evaluating failed passive transfer of immunity in calves arriving at a veal facility. <i>Journal of Dairy Science</i> , 2018 , 101, 9516-9520	4	15
59	Effect of prepartum administration of recombinant bovine somatotropin on health and performance of lactating dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 6231-41	4	15
58	Field trial to evaluate the effect of an intranasal respiratory vaccine protocol on calf health, ultrasonographic lung consolidation, and growth in Holstein dairy calves. <i>Journal of Dairy Science</i> , 2018 , 101, 8159-8168	4	14
57	The effect of prepartum feeding and lying space on metabolic health and immune function. <i>Journal of Dairy Science</i> , 2018 , 101, 5294-5306	4	13
56	Short communication: Effect of sampling time relative to the first daily feeding on interpretation of serum fatty acid and beta-hydroxybutyrate concentrations in dairy cattle. <i>Journal of Dairy Science</i> , 2010 , 93, 2030-3	4	13
55	Adherence and efficacy of an external teat sealant to prevent new intramammary infections in the dry period. <i>Journal of Dairy Science</i> , 2007 , 90, 1289-300	4	13
54	Graphene-based multiplexed disposable electrochemical biosensor for rapid on-farm monitoring of NEFA and BBA dairy biomarkers. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 6930-6940	7.3	12
53	Short communication: limit feeding affects behavior patterns and feeding motivation of dairy heifers. <i>Journal of Dairy Science</i> , 2015 , 98, 1248-54	4	12
52	Use of a direct-fed microbial product as a supplement during the transition period in dairy cattle. <i>Journal of Dairy Science</i> , 2014 , 97, 7102-14	4	12
51	Short communication: effects of monensin on 3-methylhistidine excretion in transition dairy cows. <i>Journal of Dairy Science</i> , 2000 , 83, 2810-2	4	12
50	Monensin might protect Ontario, Canada dairy cows from paratuberculosis milk-ELISA positivity. <i>Preventive Veterinary Medicine</i> , 2006 , 76, 237-48	3.1	11
49	Risk factors associated with failed transfer of passive immunity in male and female dairy calves: A 2008 retrospective cross-sectional study. <i>Journal of Dairy Science</i> , 2020 , 103, 3521-3528	4	10
48	Comparison of online, hands-on, and a combined approach for teaching cautery disbudding technique to dairy producers. <i>Journal of Dairy Science</i> , 2018 , 101, 840-849	4	10
47	Ovarian follicular activity in lactating Holstein cows supplemented with monensin. <i>Journal of Dairy Science</i> , 2003 , 86, 3498-507	4	10
46	Hot topic: Management of cull dairy cows-Consensus of an expert consultation in Canada. <i>Journal of Dairy Science</i> , 2018 , 101, 11170-11174	4	10

45	Factors associated with survival in the herd for dairy cows following surgery to correct left displaced abomasum. <i>Journal of Dairy Science</i> , 2015 , 98, 3806-13	4	9
44	A randomized herd-level field study of dietary interactions with monensin on milk fat percentage in dairy cows. <i>Journal of Dairy Science</i> , 2009 , 92, 777-81	4	9
43	Risk factors identified on arrival associated with morbidity and mortality at a grain-fed veal facility: A prospective, single-cohort study. <i>Journal of Dairy Science</i> , 2019 , 102, 9224-9235	4	9
42	Effects of wheat straw chop length in high-straw dry cow diets on intake, health, and performance of dairy cows across the transition period. <i>Journal of Dairy Science</i> , 2020 , 103, 254-271	4	9
41	Short communication: Validation of a test-day milk test for β -hydroxybutyrate for identifying cows with hyperketonemia. <i>Journal of Dairy Science</i> , 2019 , 102, 1589-1593	4	9
40	Fitness for transport of cull dairy cows at livestock markets. <i>Journal of Dairy Science</i> , 2020 , 103, 2650-2661	4	8
39	The effect of a progesterone releasing intravaginal device (PRID) on pregnancy risk to fixed-time insemination following diagnosis of non-pregnancy in dairy cows. <i>Theriogenology</i> , 2007 , 67, 948-56	2.8	8
38	Short communication: Calf cleanliness does not predict diarrhea upon arrival at a veal calf facility. <i>Journal of Dairy Science</i> , 2018 , 101, 3363-3366	4	7
37	Short communication: The effect of calcium supplementation at calving on neutrophil function. <i>Journal of Dairy Science</i> , 2018 , 101, 9505-9509	4	7
36	Growing dairy heifers prefer supplementary long straw when fed a nutrient-dense ration in a limited amount. <i>Journal of Dairy Science</i> , 2013 , 96, 3950-8	4	7
35	Short communication: a comparison of 2 nonsteroidal antiinflammatory drugs following the first stage of a 2-stage fistulation surgery in dry dairy cows. <i>Journal of Dairy Science</i> , 2013 , 96, 6514-9	4	7
34	Effect of monensin on meal frequency during sub-acute ruminal acidosis in dairy cows. <i>Canadian Journal of Animal Science</i> , 2005 , 85, 247-249	0.9	7
33	Short communication: Risk of subacute ruminal acidosis affects the feed sorting behavior and milk production of early lactation cows. <i>Journal of Dairy Science</i> , 2019 , 102, 652-659	4	7
32	Associations between the general condition of culled dairy cows and selling price at Ontario auction markets. <i>Journal of Dairy Science</i> , 2018 , 101, 10580-10588	4	7
31	Validation of commercial luminometry swabs for total bacteria and coliform counts in colostrum-feeding equipment. <i>Journal of Dairy Science</i> , 2017 , 100, 9459-9465	4	6
30	Evaluation of a handheld device for measurement of β -hydroxybutyrate concentration to identify prepartum dairy cattle at risk of developing postpartum hyperketonemia. <i>Journal of the American Veterinary Medical Association</i> , 2015 , 246, 1112-7	1	6
29	The association of herd milk production and management with a return-over-feed index in Ontario dairy herds. <i>Journal of Dairy Science</i> , 2005 , 88, 419-25	4	6
28	The effect of prepartum negative dietary cation-anion difference and serum calcium concentration on blood neutrophil function in the transition period of healthy dairy cows. <i>Journal of Dairy Science</i> , 2020 , 103, 6200-6208	4	5

27	Short communication: effects of frequency of feed delivery and bunk space on the feeding behavior of limit-fed dairy heifers. <i>Journal of Dairy Science</i> , 2013 , 96, 1803-10	4	5
26	Two-Stage Rumen Cannulation Technique in Dairy Cows. <i>Veterinary Surgery</i> , 2015 , 44, 551-6	1.7	5
25	Research and teaching of dairy cattle well being: finding synergy between ethology and epidemiology. <i>Journal of Applied Animal Welfare Science</i> , 2009 , 12, 132-42	1.6	5
24	Objective structured clinical examinations (OSCEs) as a summative evaluation tool in a ruminant health management rotation for final-year DVM students. <i>Journal of Veterinary Medical Education</i> , 2008 , 35, 382-8	1.3	5
23	Teaching the principles of health management to first year veterinary students. <i>Journal of Veterinary Medical Education</i> , 2003 , 30, 64-6	1.3	5
22	Randomized control trial assessing the efficacy of pain control strategies for caustic paste disbudding in dairy calves younger than 9 days of age. <i>Journal of Dairy Science</i> , 2020 , 103, 7339-7350	4	5
21	Assessing the utility of leukocyte differential cell counts for predicting morbidity, mortality, and growth in a grain-fed veal facility: A prospective single cohort study. <i>Journal of Dairy Science</i> , 2020 , 103, 9332-9344	4	5
20	Graduate Student Literature Review: What do we know about the effects of clinical and subclinical hypocalcemia on health and performance of dairy cows?. <i>Journal of Dairy Science</i> , 2021 , 104, 6304-6326	4	5
19	Effects of molasses-based liquid feed supplementation to a high-straw dry cow diet on feed intake, health, and performance of dairy cows across the transition period. <i>Journal of Dairy Science</i> , 2020 , 103, 5070-5089	4	4
18	Short communication: Effects of a monensin premix on milk fatty acid content during subacute ruminal acidosis in dairy cows. <i>Journal of Dairy Science</i> , 2003 , 86, 4043-6	4	4
17	Moisture content of high-straw dry cow diets affects intake, health, and performance of transition dairy cows. <i>Journal of Dairy Science</i> , 2020 , 103, 1500-1515	4	4
16	Benchmarking of farms with automated milking systems in Canada and associations with milk production and quality. <i>Journal of Dairy Science</i> , 2021 , 104, 7971-7983	4	4
15	Management of cull dairy cows: Culling decisions, duration of transport, and effect on cow condition. <i>Journal of Dairy Science</i> , 2020 , 103, 2636-2649	4	3
14	Short communication: Risk factors identified at arrival associated with average daily gain at a grain-fed veal facility: A prospective single cohort study. <i>Journal of Dairy Science</i> , 2020 , 103, 858-863	4	3
13	Randomized controlled trial assessing the effects of xylazine sedation in 2- to 6-week-old dairy calves disbudded with a cautery iron. <i>Journal of Dairy Science</i> , 2021 , 104, 5881-5897	4	3
12	Controlled trial of the effect of negative dietary cation-anion difference prepartum diets on milk production, reproductive performance, and culling of dairy cows. <i>Journal of Dairy Science</i> , 2021 , 104, 6919-6928	4	2
11	Controlled trial of the effect of negative dietary cation-anion difference on postpartum health of dairy cows. <i>Journal of Dairy Science</i> , 2021 , 104, 6929-6943	4	2
10	Genome-wide association study and functional analyses for clinical and subclinical ketosis in Holstein cattle. <i>Journal of Dairy Science</i> , 2021 , 104, 10076-10089	4	2

9	Factors associated with food-animal producer visit-specific satisfaction following on-farm interaction with a veterinarian. <i>Veterinary Record</i> , 2021 , 188, e15	0.9	2
8	Effect of administration of recombinant bovine somatotropin on health and performance of lactating dairy cows diagnosed with hyperketonemia. <i>Journal of Dairy Science</i> , 2015 , 98, 4392-400	4	1
7	Udder health in dairy cattle infected with <i>Neospora caninum</i> . <i>Preventive Veterinary Medicine</i> , 2004 , 64, 101-12	3.1	1
6	A preliminary study investigating effects of oral monensin sodium in an enteric <i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i> infection model of calves. <i>Journal of Dairy Science</i> , 2019 , 102, 9097-9106	4	1
5	Risk factors for morbidity in 1- to 9-day-old dairy calves following caustic paste disbudding. <i>JDS Communications</i> , 2021 ,	1.4	1
4	Validation of a point-of-care handheld blood total calcium analyzer in postpartum dairy cows. <i>JDS Communications</i> , 2021 , 2, 41-45	1.4	0
3	The effect of pegbovigrastim on early-lactation disease, production, and reproduction in dairy cows. <i>Journal of Dairy Science</i> , 2021 , 104, 10100-10110	4	0
2	Effect of frequency of feed delivery on the feeding behaviour, growth, and rumen temperature of limit-fed dairy heifers. <i>Canadian Journal of Animal Science</i> , 2014 , 94, 11-20	0.9	
1	Comparison of food-animal veterinarians and producers' perceptions of producer-centered communication following on-farm interactions. <i>Veterinary Record</i> , 2021 , 189, e139	0.9	