

Trevor J Devries

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

887
citations

471509

17
h-index

552781

26
g-index

61
all docs

61
docs citations

61
times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term effects of postpartum clinical disease on milk production, reproduction, and culling of dairy cows. <i>Journal of Dairy Science</i> , 2019, 102, 11701-11717.	3.4	82
2	Associations between management practices and within-pen prevalence of calf diarrhea and respiratory disease on dairy farms using automated milk feeders. <i>Journal of Dairy Science</i> , 2018, 101, 2293-2308.	3.4	57
3	Distribution of non-aureus staphylococci species in udder quarters with low and high somatic cell count, and clinical mastitis. <i>Journal of Dairy Science</i> , 2017, 100, 5613-5627.	3.4	55
4	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.	3.4	44
5	A survey of dairy calf management practices among farms using manual and automated milk feeding systems in Canada. <i>Journal of Dairy Science</i> , 2017, 100, 6872-6884.	3.4	41
6	Development and validation of a bilingual questionnaire for measuring udder health related management practices on dairy farms. <i>Preventive Veterinary Medicine</i> , 2010, 95, 74-85.	1.9	40
7	Herd-level relationship between antimicrobial use and presence or absence of antimicrobial resistance in gram-negative bovine mastitis pathogens on Canadian dairy farms. <i>Journal of Dairy Science</i> , 2013, 96, 4965-4976.	3.4	35
8	Motivation of naïve feedlot cattle to obtain grain and individual responses to novelty. <i>Applied Animal Behaviour Science</i> , 2017, 197, 68-74.	1.9	33
9	Bacterial concentrations in bedding and their association with dairy cow hygiene and milk quality. <i>Animal</i> , 2020, 14, 1052-1066.	3.3	32
10	Associations of herd- and cow-level factors, cow lying behavior, and risk of elevated somatic cell count in free-stall housed lactating dairy cows. <i>Preventive Veterinary Medicine</i> , 2013, 111, 245-255.	1.9	30
11	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.	1.9	29
12	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.	3.4	26
13	Effect of feeding amount on the feeding and sorting behaviour of lactating dairy cattle. <i>Canadian Journal of Animal Science</i> , 2011, 91, 47-54.	1.5	23
14	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.	3.4	22
15	Domestic cattle (<i>Bos taurus taurus</i>) are motivated to obtain forage and demonstrate contrafreeloading. <i>PLoS ONE</i> , 2018, 13, e0193109.	2.5	20
16	Feeding Behavior, Feed Space, and Bunk Design and Management for Adult Dairy Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2019, 35, 61-76.	1.2	20
17	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.	3.4	20
18	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.	3.4	18

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19	The daytime feeding frequency affects appetite-regulating hormones, amino acids, physical activity, and respiratory quotient, but not energy expenditure, in adult cats fed regimens for 21 days. <i>PLoS ONE</i> , 2020, 15, e0238522.	2.5	15
20	Associations between maternal characteristics and health, survival, and performance of dairy heifers from birth through first lactation. <i>Journal of Dairy Science</i> , 2020, 103, 823-839.	3.4	14
21	Evaluation of the Johne's disease risk assessment and management plan on dairy farms in Ontario, Canada. <i>Journal of Dairy Science</i> , 2015, 98, 6792-6800.	3.4	13
22	Producer perceptions of manual and automated milk feeding systems for dairy calves in Canada. <i>Canadian Journal of Animal Science</i> , 2018, 98, 250-259.	1.5	13
23	Variability in Risk Assessment and Management Plan (RAMP) scores completed as part of the Ontario Johne's Education and Management Assistance Program(2010-2013). <i>Journal of Dairy Science</i> , 2015, 98, 2419-2426.	3.4	12
24	Effect of age of introduction to an automated milk feeder on calf learning and performance and labor requirements. <i>Journal of Dairy Science</i> , 2018, 101, 9371-9384.	3.4	12
25	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.	3.4	12
26	Canine Food Preference Assessment of Animal and Vegetable Ingredient-Based Diets Using Single-Pan Tests and Behavioral Observation. <i>Frontiers in Veterinary Science</i> , 2017, 4, 154.	2.2	11
27	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.	3.4	11
28	Putting an On-Farm Welfare Assessment Tool into Practice in the Canadian Equine Industry—A Pilot Study. <i>Journal of Equine Veterinary Science</i> , 2018, 63, 35-40.	0.9	10
29	Behavioural and physiological responses to pest flies in pastured dairy cows treated with a natural repellent. <i>Applied Animal Behaviour Science</i> , 2018, 207, 1-7.	1.9	10
30	Effect of diet-induced negative energy balance on the feeding behavior of dairy cows. <i>Journal of Dairy Science</i> , 2020, 103, 7288-7301.	3.4	10
31	Comparing ELISA test-positive prevalence, risk factors and management recommendations for Johne's disease prevention between organic and conventional dairy farms in Ontario, Canada. <i>Preventive Veterinary Medicine</i> , 2015, 122, 83-91.	1.9	9
32	Nutrient content changes from steaming or soaking timothy-alfalfa hay: effects on feed preferences and acute glycemic response in Standardbred racehorses. <i>Journal of Animal Science</i> , 2019, 97, 4199-4207.	0.5	9
33	Investigation of weaning strategy and solid feed location for dairy calves individually fed with an automated milk feeding system. <i>Journal of Dairy Science</i> , 2020, 103, 6533-6556.	3.4	9
34	Ration composition affects short-term diurnal feeding patterns of dairy heifers. <i>Applied Animal Behaviour Science</i> , 2012, 140, 16-24.	1.9	8
35	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.	3.4	8
36	Body condition loss during the dry period: Insights from feeding behavior studies. <i>Journal of Dairy Science</i> , 2021, 104, 4682-4691.	3.4	8

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37	Effects of concentrate location on the behavior and production of dairy cows milked in a free-traffic automated milking system. <i>Journal of Dairy Science</i> , 2019, 102, 9827-9841.	3.4	7
38	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.	3.4	7
39	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.	3.4	7
40	Effect of plane of nutrition and analgesic drug treatment on wound healing and pain following cautery disbudding in preweaning dairy calves. <i>Journal of Dairy Science</i> , 2022, 105, 6220-6239.	3.4	6
41	Synchronization of Dairy Cows Does Not Limit the Behavioral Response to Treatment in Mixed Treatment Experimental Designs. <i>Frontiers in Veterinary Science</i> , 2016, 3, 98.	2.2	5
42	Incomplete Milking in Early Lactation Does Not Affect Dairy Cows Resting Behaviors: Results from a Randomized Controlled Trial. <i>Frontiers in Veterinary Science</i> , 2017, 4, 66.	2.2	4
43	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.	3.4	4
44	Graduate Student Literature Review: Role of pain mitigation on the welfare of dairy calves undergoing disbudding. <i>Journal of Dairy Science</i> , 2022, 105, 6809-6819.	3.4	4
45	Algometer Precision for Quantifying Mechanical Nociceptive Threshold When Applied to the Udder of Lactating Dairy Cows. <i>Frontiers in Veterinary Science</i> , 2018, 5, 215.	2.2	3
46	Behavior, health, and productivity of early-lactation dairy cows supplemented with molasses in automated milking systems. <i>Journal of Dairy Science</i> , 2020, 103, 10506-10518.	3.4	3
47	Short communication: Development and evaluation of equations to predict growth of Holstein dairy heifers in a tropical climate. <i>Journal of Dairy Science</i> , 2021, 104, 525-531.	3.4	3
48	Validation of a point-of-care handheld blood total calcium analyzer in postpartum dairy cows. <i>JDS Communications</i> , 2021, 2, 41-45.	1.5	3
49	Management Practices and Their Potential Influence on Johne's Disease Transmission on Canadian Organic Dairy Farms—A Conceptual Analysis. <i>Sustainability</i> , 2014, 6, 8237-8261.	3.2	2
50	Effect of stall design on dairy calf transition to voluntary feeding on an automatic milk feeder after introduction to group housing. <i>Journal of Dairy Science</i> , 2018, 101, 5307-5316.	3.4	2
51	Cattle priorities. , 2018, , 93-122.		2
52	Risk factors for morbidity in 1- to 9-day-old dairy calves following caustic paste disbudding. <i>JDS Communications</i> , 2021, 2, 376-380.	1.5	2
53	Complete replacement of corn grain with crude glycerin for dairy cows. <i>Livestock Science</i> , 2022, 258, 104893.	1.6	2
54	Erratum to "Risk factors for morbidity in 1- to 9-day-old dairy calves following caustic paste disbudding" (<i>JDS Commun.</i> 2:376-380). <i>JDS Communications</i> , 2022, 3, 167.	1.5	0

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55	Title is missing!. , 2020, 15, e0238522.		0
56	Title is missing!. , 2020, 15, e0238522.		0
57	Title is missing!. , 2020, 15, e0238522.		0
58	Title is missing!. , 2020, 15, e0238522.		0
59	Male dairy calf welfare: A Canadian perspective on challenges and potential solutions.. Canadian Veterinary Journal, 2022, 63, 187-193.	0.0	0