SÃ©bastien Buczinski

List of Publications by Year
in descending order

64 papers	1,279 citations	411340 20 h-index	466096 32 g-index
64 all docs	64 docs citations	64 times ranked	759 citing authors

#	Article	IF	Citations
1	Use of ATP luminometry to assess the cleanliness of equipment used to collect and feed colostrum on dairy farms. Journal of Dairy Science, 2022, 105, 1638-1648.	1.4	6
2	Development of a multivariable prediction model to identify dairy calves too young to be transported to auction markets in Canada using simple physical examination and body weight. Journal of Dairy Science, 2022, 105, 6144-6154.	1.4	4
3	Randomized controlled trial assessing the impact of a combined treatment of insulin glargine and propylene glycol on the resolution of hyperketonemia and milk production in postpartum dairy cows. JDS Communications, 2022, 3, 348-352.	0.5	2
4	Short communication: Efficacy of a second intrauterine cephapirin infusion for the treatment of purulent vaginal discharge and endometritis in postpartum dairy cows. Journal of Dairy Science, 2021, 104, 3559-3563.	1.4	3
5	Factors affecting dairy calf price in auction markets in Québec, Canada: 2008–2019. Journal of Dairy Science, 2021, 104, 4635-4649.	1.4	12
6	A herd-level study on colostrum management factors associated with the prevalence of adequate transfer of passive immunity in Québec dairy herds. Journal of Dairy Science, 2021, 104, 4914-4922.	1.4	11
7	Accuracy of direct and indirect methods for assessing bovine colostrum quality using a latent class model fit within a Bayesian framework. Journal of Dairy Science, 2021, 104, 4703-4714.	1.4	4
8	Systematic review and meta-analysis of refractometry for diagnosis of inadequate transfer of passive immunity in dairy calves: Quantifying how accuracy varies with threshold using a Bayesian approach. Preventive Veterinary Medicine, 2021, 189, 105306.	0.7	9
9	A calf-level study on colostrum management practices associated with adequate transfer of passive immunity in Québec dairy herds. Journal of Dairy Science, 2021, 104, 4904-4913.	1.4	7
10	Short communication: Diagnostic accuracy of focused lung ultrasonography as a rapid method for the diagnosis of respiratory disease in dairy calves. Journal of Dairy Science, 2021, 104, 4929-4935.	1.4	8
11	Short communication: Diagnostic accuracy of the Petrifilm culture system for identifying colostrum with excessive bacterial contamination in Quebec dairy herds. Journal of Dairy Science, 2021, 104, 4923-4928.	1.4	6
12	Comparison of thoracic ultrasonography and thoracic radiography to detect active infectious bronchopneumonia in hospitalized dairy calves. Journal of Veterinary Internal Medicine, 2021, 35, 2058-2068.	0.6	5
13	Scoping review on clinical definition of bovine respiratory disease complex and related clinical signs in dairy cows. Journal of Dairy Science, 2021, 104, 7095-7108.	1.4	10
14	Effects of calfhood respiratory disease on health and performance of dairy cattle: A systematic review and meta-analysis. Journal of Dairy Science, 2021, 104, 8214-8227.	1.4	25
15	Randomized controlled trial of pegbovigrastim as an adjunct therapy for naturally occurring severe clinical mastitis cases in dairy cows. JDS Communications, 2021, 2, 398-402.	0.5	2
16	A survey of dairy goat kid-rearing practices on Canadian farms and their associations with self-reported farm performance. Journal of Dairy Science, 2021, 104, 9999-10009.	1.4	9
17	Randomized controlled trial of reinsemination strategies in dairy cows diagnosed nonpregnant using color flow Doppler ultrasonography on d 21 after insemination. JDS Communications, 2021, 2, 381-386.	0.5	1
18	Evaluation of inter-rater agreement of the clinical signs used to diagnose bovine respiratory disease in individually housed veal calves. Journal of Dairy Science, 2021, 104, 12053-12065.	1.4	15

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19	Clinical Scores in Veterinary Medicine: What Are the Pitfalls of Score Construction, Reliability, and Validation? A General Methodological Approach Applied in Cattle. Animals, 2021, 11, 3244.	1.0	5
20	Short communication: Accuracy of corpus luteum color flow Doppler ultrasonography to diagnose nonpregnancy in dairy cows on day 21 after insemination. Journal of Dairy Science, 2020, 103, 2019-2023.	1.4	9
21	Agreement of 2 electrolyte analyzers for identifying electrolyte and acid€base disorders in sick horses. Journal of Veterinary Internal Medicine, 2020, 34, 2758-2766.	0.6	2
22	Comparison between thoracic ultrasonography and thoracic radiography for the detection of thoracic lesions in dairy calves using a two-stage Bayesian method. Preventive Veterinary Medicine, 2020, 184, 105153.	0.7	8
23	Evaluation of the Freestyle Optium Neo H point€of€care device for measuring blood glucose concentrations in sick calves. Journal of Veterinary Internal Medicine, 2020, 34, 1650-1656.	0.6	7
24	Bayesian assessment of diagnostic accuracy of a commercial borescope and of trimming chute exams for diagnosing digital dermatitis in dairy cows. Journal of Dairy Science, 2020, 103, 3381-3391.	1.4	9
25	Accuracy of transcranial magnetic stimulation and a Bayesian latent class model for diagnosis of spinal cord dysfunction in horses. Journal of Veterinary Internal Medicine, 2020, 34, 964-971.	0.6	6
26	Validation of serum gamma-glutamyl transferase activity and body weight information for identifying dairy calves that are too young to be transported to auction markets in Canada. Journal of Dairy Science, 2020, 103, 2567-2577.	1.4	5
27	Bovine Respiratory Disease Diagnosis. Veterinary Clinics of North America - Food Animal Practice, 2020, 36, 399-423.	0.5	49
28	Bovine Respiratory Disease Diagnosis. Veterinary Clinics of North America - Food Animal Practice, 2020, 36, 425-444.	0.5	36
29	Health parameters and their association with price in young calves sold at auction for veal operations in Québec, Canada. Journal of Dairy Science, 2019, 102, 6454-6465.	1.4	25
30	Association of lung lesions measured by thoracic ultrasonography at first diagnosis of bronchopneumonia with relapse rate and growth performance in feedlot cattle. Journal of Veterinary Internal Medicine, 2019, 33, 1540-1546.	0.6	14
31	Accuracy and inter€rater reliability of lung auscultation by bovine practitioners when compared with ultrasonographic findings. Veterinary Record, 2019, 185, 109-109.	0.2	23
32	Accuracy of paratuberculosis diagnostic tests in small ruminants: protocol for a systematic review and meta-analysis. Animal Health Research Reviews, 2019, 20, 98-102.	1.4	6
33	Bayesian estimation of sensitivity and specificity of systematic thoracic ultrasound exam for diagnosis of bovine respiratory disease in pre-weaned calves. Preventive Veterinary Medicine, 2019, 162, 38-45.	0.7	25
34	Molecular characterization of subspecies C-type and S-type isolated from sheep and goats by using a combination of MIRU-VNTR loci. Canadian Journal of Veterinary Research, 2019, 83, 160-167.	0.2	2
35	Determination of the dynamics of respiratory diseases using thoracic ultrasonographic examination in preweaned dairy calves. Canadian Veterinary Journal, 2019, 60, 859-863.	0.0	1
36	Prognostic Value of Cardiac Troponin I and L€Lactate in Blood of Dairy Cows Affected by Downer Cow Syndrome. Journal of Veterinary Internal Medicine, 2018, 32, 484-490.	0.6	16

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37	Herd-level prevalence of the ultrasonographic lung lesions associated with bovine respiratory disease and related environmental risk factors. Journal of Dairy Science, 2018, 101, 2423-2432.	1.4	31
38	Systematic Review and Meta‐Analysis of Diagnostic Accuracy of Serum Refractometry and Brix Refractometry for the Diagnosis of Inadequate Transfer of Passive Immunity in Calves. Journal of Veterinary Internal Medicine, 2018, 32, 474-483.	0.6	57
39	Estimating diagnostic accuracy of fecal culture in liquid media for the detection of Mycobacterium avium subsp. paratuberculosis infections in Québec dairy cows: A latent class model. Preventive Veterinary Medicine, 2018, 160, 26-34.	0.7	8
40	Inter‐rater agreement and reliability of thoracic ultrasonographic findings in feedlot calves, with or without naturally occurring bronchopneumonia. Journal of Veterinary Internal Medicine, 2018, 32, 1787-1792.	0.6	28
41	Likelihood ratios: an intuitive tool for incorporating diagnostic test results into decision-making. Journal of the American Veterinary Medical Association, 2018, 252, 1362-1366.	0.2	12
42	Validation of a clinical scoring system for bovine respiratory disease complex diagnosis in preweaned dairy calves using a Bayesian framework. Preventive Veterinary Medicine, 2018, 156, 102-112.	0.7	21
43	Evaluation of a PCR assay on overgrown individual fecal samples cultured for <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i>. Journal of Veterinary Diagnostic Investigation, 2017, 29, 912-915.	0.5	4
44	A randomised clinical trial of a metaphylactic treatment with tildipirosin for bovine respiratory disease in veal calves. BMC Veterinary Research, 2017, 13, 176.	0.7	12
45	Diagnostic accuracy of refractometry for assessing bovine colostrum quality: A systematic review and meta-analysis. Journal of Dairy Science, 2016, 99, 7381-7394.	1.4	64
46	Diagnostic accuracy of refractometer and Brix refractometer to assess failure of passive transfer in calves: protocol for a systematic review and meta-analysis. Animal Health Research Reviews, 2016, 17, 3-8.	1.4	9
47	Diagnostic accuracy of clinical illness for bovine respiratory disease (BRD) diagnosis in beef cattle placed in feedlots: A systematic literature review and hierarchical Bayesian latent-class meta-analysis. Preventive Veterinary Medicine, 2016, 135, 67-73.	0.7	73
48	Incremental Value (Bayesian Framework) of Thoracic Ultrasonography over Thoracic Auscultation for Diagnosis of Bronchopneumonia in Preweaned Dairy Calves. Journal of Veterinary Internal Medicine, 2016, 30, 1396-1401.	0.6	19
49	Short communication: Ultrasonographic assessment of lung consolidation postweaning and survival to the first lactation in dairy heifers. Journal of Dairy Science, 2016, 99, 1465-1470.	1.4	37
50	Evaluation of inter-observer agreement when using a clinical respiratory scoring system in pre-weaned dairy calves. New Zealand Veterinary Journal, 2016, 64, 243-247.	0.4	27
51	On-Farm Use of Ultrasonography for Bovine Respiratory Disease. Veterinary Clinics of North America - Food Animal Practice, 2016, 32, 19-35.	0.5	93
52	Specific Challenges in Conducting and Reporting Studies on the Diagnostic Accuracy of Ultrasonography in Bovine Medicine. Veterinary Clinics of North America - Food Animal Practice, 2016, 32, 1-18.	0.5	9
53	Detection of Mycobacterium avium subspecies paratuberculosis in tie-stall dairy herds using a standardized environmental sampling technique and targeted pooled samples. Canadian Journal of Veterinary Research, 2016, 80, 175-82.	0.2	20
54	Evaluation of a Computer‐aided Lung Auscultation System for Diagnosis of Bovine Respiratory Disease in Feedlot Cattle. Journal of Veterinary Internal Medicine, 2015, 29, 1112-1116.	0.6	26

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55	Bayesian estimation of the accuracy of the calf respiratory scoring chart and ultrasonography for the diagnosis of bovine respiratory disease in pre-weaned dairy calves. Preventive Veterinary Medicine, 2015, 119, 227-231.	0.7	86
56	Measurement of cardiac troponin I in healthy lactating dairy cows using a point of care analyzer (i-STAT-1). Journal of Veterinary Cardiology, 2015, 17, 129-133.	0.3	8
57	A systematic review of risk factors associated with the introduction of Mycobacterium avium spp. paratuberculosis (MAP) into dairy herds. Canadian Veterinary Journal, 2015, 56, 169-77.	0.0	16
58	Influence of racing on the serum concentrations of acute-phase proteins and bone metabolism biomarkers in racing greyhounds. Veterinary Journal, 2014, 202, 372-377.	0.6	15
59	Comparison of Thoracic Auscultation, Clinical Score, and Ultrasonography as Indicators of Bovine Respiratory Disease in Preweaned Dairy Calves. Journal of Veterinary Internal Medicine, 2014, 28, 234-242.	0.6	112
60	Preoperative cow-side lactatemia measurement predicts negative outcome in Holstein dairy cattle with right abomasal disorders. Journal of Dairy Science, 2014, 97, 212-221.	1.4	33
61	Validation of the handheld Lactateâ€Pro analyzer for measurement of blood Lâ€lactate concentration in cattle. Veterinary Clinical Pathology, 2014, 43, 567-572.	0.3	15
62	Short communication: Ultrasonographic assessment of the thorax as a fast technique to assess pulmonary lesions in dairy calves with bovine respiratory disease. Journal of Dairy Science, 2013, 96, 4523-4528.	1.4	41
63	How Can Veterinarians Base Their Medical Decisions on the Best Available Scientific Evidence?. Veterinary Clinics of North America - Food Animal Practice, 2012, 28, 1-11.	0.5	10
64	Evidence-Based Practice? An Evolution Is Necessary for Bovine Practitioners, Teachers, and Researchers. Veterinary Clinics of North America - Food Animal Practice, 2012, 28, 133-139.	0.5	6