

Patrick Gorden

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,161
citations

471509

17
h-index

414414

32
g-index

56
all docs

56
docs citations

56
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome analysis of <i>Klebsiella pneumoniae</i> from bovine mastitis milk in the U.S.. Environmental Microbiology, 2022, 24, 1183-1199.	3.8	13
2	Plasma Pharmacokinetics of Cannabidiol Following Oral Administration of Cannabidiol Oil to Dairy Calves. Frontiers in Veterinary Science, 2022, 9, 789495.	2.2	4
3	<i>Salmonella enterica</i> serovar Brandenburg abortions in dairy cattle. Journal of Veterinary Diagnostic Investigation, 2022, 34, 864-869.	1.1	2
4	Randomized controlled trial comparison of analgesic drugs for control of pain associated with induced lameness in lactating dairy cattle. Journal of Dairy Science, 2021, 104, 2040-2055.	3.4	10
5	The effects of zinc amino acid complex on biomarkers of gut integrity, inflammation, and metabolism in heat-stressed ruminants. Journal of Dairy Science, 2021, 104, 2410-2421.	3.4	20
6	Partial budget analysis of culture- and algorithm-guided selective dry cow therapy. Journal of Dairy Science, 2021, 104, 5652-5664.	3.4	17
7	Embedded microcomputer-based force plate system validation when evaluating lameness severity differentiation under an induced synovitis model in lactating dairy cattle. Animal, 2021, 15, 100415.	3.3	1
8	Evaluating effects of zinc hydroxychloride on biomarkers of inflammation and intestinal integrity during feed restriction. Journal of Dairy Science, 2020, 103, 11911-11929.	3.4	18
9	Comparative Pharmacokinetics of Meloxicam Between Healthy Post-partum vs. Mid-lactation Dairy Cattle. Frontiers in Veterinary Science, 2020, 7, 548.	2.2	7
10	Lactation stage impacts the glycolytic function of bovine CD4+ T cells during ex vivo activation. Scientific Reports, 2020, 10, 4045.	3.3	8
11	Randomized controlled non-inferiority trial investigating the effect of 2 selective dry-cow therapy protocols on antibiotic use at dry-off and dry period intramammary infection dynamics. Journal of Dairy Science, 2020, 103, 6473-6492.	3.4	41
12	Randomized controlled trial investigating the effect of 2 selective dry-cow therapy protocols on udder health and performance in the subsequent lactation. Journal of Dairy Science, 2020, 103, 6493-6503.	3.4	31
13	Evaluation of rapid culture, a predictive algorithm, esterase somatic cell count and lactate dehydrogenase to detect intramammary infection in quarters of dairy cows at dry-off. Preventive Veterinary Medicine, 2020, 179, 104982.	1.9	14
14	PSXI-20 Milking collar activity data is associated with health events and feed intake in lactating Holstein cattle. Journal of Animal Science, 2020, 98, 392-393.	0.5	1
15	PSXI-16 Inclusion of automated sensor data as a predictor of feed intake increases the variance explained by a random forest model. Journal of Animal Science, 2020, 98, 394-395.	0.5	0
16	Tissue residue depletion and estimation of extralabel meat withdrawal intervals for tulathromycin in calves after pneumatic dart administration. Journal of Animal Science, 2019, 97, 3714-3726.	0.5	3
17	PSI-4 Comparison of analgesics for control of lameness-associated pain in lactating dairy cattle. Journal of Animal Science, 2019, 97, 162-163.	0.5	0
18	11 Use of pressure mat gait analysis in measuring pain following normal parturition in dairy cows. Journal of Animal Science, 2019, 97, 5-5.	0.5	0

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19	Effects of transdermal flunixin meglumine on experimentally induced lameness in adult dairy cattle. <i>Journal of Dairy Science</i> , 2019, 102, 6418-6430.	3.4	15
20	Rapid Communication: Use of pressure mat gait analysis in measuring pain following normal parturition in dairy cows. <i>Journal of Animal Science</i> , 2019, 97, 846-850.	0.5	9
21	Short communication: Determination of the milk pharmacokinetics and depletion of milk residues of flunixin following transdermal administration to lactating Holstein cows. <i>Journal of Dairy Science</i> , 2019, 102, 11465-11469.	3.4	2
22	Molecular epidemiology of coagulase-negative <i>Staphylococcus</i> species isolated at different lactation stages from dairy cattle in the United States. <i>PeerJ</i> , 2019, 7, e6749.	2.0	32
23	Pharmacokinetics of multiple doses of transdermal flunixin meglumine in adult Holstein dairy cows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 490-493.	1.3	11
24	21 Evaluation of Transdermal Flunixin Meglumine on Experimentally Induced Lameness in Adult Dairy Cattle.. <i>Journal of Animal Science</i> , 2018, 96, 11-11.	0.5	2
25	Comparison of milk and plasma pharmacokinetics of meloxicam in postpartum versus mid-lactation Holstein cows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 463-468.	1.3	12
26	Comparative plasma and interstitial fluid pharmacokinetics of flunixin meglumine and ceftiofur hydrochloride following individual and co-administration in dairy cows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 76-82.	1.3	9
27	Efficacy of vaccination with a <i>Klebsiella pneumoniae</i> siderophore receptor protein vaccine for reduction of <i>Klebsiella</i> mastitis in lactating cattle. <i>Journal of Dairy Science</i> , 2018, 101, 10398-10408.	3.4	28
28	17 The Impact of Transdermal Flunixin Meglumine on Biomarkers of Pain in Calves When Administered at the Time of Surgical Castration without Local Anesthesia.. <i>Journal of Animal Science</i> , 2018, 96, 9-9.	0.5	0
29	The impact of transdermal flunixin meglumine on biomarkers of pain in calves when administered at the time of surgical castration without local anesthesia. <i>Livestock Science</i> , 2018, 212, 1-6.	1.6	35
30	Effect of age on the pharmacokinetics and pharmacodynamics of flunixin meglumine following intravenous and transdermal administration to Holstein calves. <i>American Journal of Veterinary Research</i> , 2018, 79, 568-575.	0.6	11
31	Comparative plasma and interstitial fluid pharmacokinetics and tissue residues of ceftiofur crystalline-free acid in cattle with induced coliform mastitis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 848-860.	1.3	11
32	Pneumatic dart delivery of tulathromycin in calves results in lower antimicrobial concentrations and increased biomarkers of stress and injection site inflammation compared with subcutaneous injection. <i>Journal of Animal Science</i> , 2018, 96, 3089-3101.	0.5	11
33	The impact of pain on the pharmacokinetics of transdermal flunixin meglumine administered at the time of cautery dehorning in Holstein calves. <i>Veterinary Anaesthesia and Analgesia</i> , 2018, 45, 849-857.	0.6	5
34	Intentionally induced intestinal barrier dysfunction causes inflammation, affects metabolism, and reduces productivity in lactating Holstein cows. <i>Journal of Dairy Science</i> , 2017, 100, 4113-4127.	3.4	73
35	Characterizing effects of feed restriction and glucagon-like peptide 2 administration on biomarkers of inflammation and intestinal morphology. <i>Journal of Dairy Science</i> , 2017, 100, 9402-9417.	3.4	58
36	Effects of transdermal flunixin meglumine on pain biomarkers at dehorning in calves1. <i>Journal of Animal Science</i> , 2017, 95, 1993-2000.	0.5	21

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37	Effects of transdermal flunixin meglumine on pain biomarkers at dehorning in calves. <i>Journal of Animal Science</i> , 2017, 95, 1993.	0.5	13
38	022 Effects of transdermal flunixin meglumine on pain biomarkers at dehorning. <i>Journal of Animal Science</i> , 2016, 94, 10-11.	0.5	0
39	065 A study to examine the relationship between uterine pathology and depletion of oxytetracycline in plasma and milk after intrauterine infusion. <i>Journal of Animal Science</i> , 2016, 94, 30-30.	0.5	0
40	1175 The effects of zinc amino acid complex on biomarkers of gut integrity and metabolism in heat-stressed steers. <i>Journal of Animal Science</i> , 2016, 94, 564-564.	0.5	3
41	The pharmacokinetics of transdermal flunixin meglumine in Holstein calves. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016, 39, 612-615.	1.3	54
42	A study to examine the relationship between metritis severity and depletion of oxytetracycline in plasma and milk after intrauterine infusion. <i>Journal of Dairy Science</i> , 2016, 99, 8314-8322.	3.4	12
43	Management and design of hospital pens relative to behavior of the compromised dairy cow: A questionnaire survey of Iowa dairy farms. <i>Applied Animal Behaviour Science</i> , 2016, 175, 50-55.	1.9	7
44	Digital dermatitis: Natural lesion progression and regression in Holstein dairy cattle over 3 years. <i>Journal of Dairy Science</i> , 2016, 99, 3718-3731.	3.4	43
45	Altered plasma pharmacokinetics of ceftiofur hydrochloride in cows affected with severe clinical mastitis. <i>Journal of Dairy Science</i> , 2016, 99, 505-514.	3.4	17
46	A Highly Effective Protocol for the Rapid and Consistent Induction of Digital Dermatitis in Holstein Calves. <i>PLoS ONE</i> , 2016, 11, e0154481.	2.5	36
47	An Observational Study of the Effects of Therapeutic Hoof Blocks on the Locomotion, Behavior, and Production of Healthy Dairy Cattle. <i>Journal of Applied Animal Welfare Science</i> , 2015, 18, 363-374.	1.0	4
48	Deep Sequencing Analysis Reveals Temporal Microbiota Changes Associated with Development of Bovine Digital Dermatitis. <i>Infection and Immunity</i> , 2014, 82, 3359-3373.	2.2	92
49	Effect of the ratio of zinc amino acid complex to zinc sulfate on the performance of Holstein cows. <i>Journal of Dairy Science</i> , 2014, 97, 4392-4404.	3.4	34
50	Randomized noninferiority clinical trial evaluating 3 commercial dry cow mastitis preparations: I. Quarter-level outcomes. <i>Journal of Dairy Science</i> , 2013, 96, 4419-4435.	3.4	43
51	Randomized noninferiority clinical trial evaluating 3 commercial dry cow mastitis preparations: II. Cow health and performance in early lactation. <i>Journal of Dairy Science</i> , 2013, 96, 6390-6399.	3.4	5
52	Elimination kinetics of cephapirin sodium in milk after an 8-day extended therapy program of daily intramammary infusion in healthy lactating Holstein-Friesian cows. <i>Journal of Dairy Science</i> , 2013, 96, 4455-4464.	3.4	8
53	Bacterial Community Profiling of Milk Samples as a Means to Understand Culture-Negative Bovine Clinical Mastitis. <i>PLoS ONE</i> , 2013, 8, e61959.	2.5	132
54	Control, Management, and Prevention of Bovine Respiratory Disease in Dairy Calves and Cows. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2010, 26, 243-259.	1.2	107

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55	The role of thecal androgen production in the regulation of estradiol biosynthesis by dominant bovine follicles during the first follicular wave ^{1,2} . <i>Journal of Animal Science</i> , 2005, 83, 597-603.	0.5	16