

Johann Coetzee

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

3,680
citations

145106

33
h-index

190340

53
g-index

185
all docs

185
docs citations

185
times ranked

2599
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of bupivacaine liposome suspension administered as a cornual nerve block on indicators of pain and distress during and after cauterly dehorning in dairy calves. <i>Journal of Dairy Science</i> , 2022, 105, 1603-1617.	1.4	10
2	Marijuana toxicosis in 2 donkeys. <i>Journal of Veterinary Diagnostic Investigation</i> , 2022, , 104063872110642.	0.5	0
3	The effect of breed, sex, and oral meloxicam administration on pain biomarkers following hot-iron branding in Hereford and Angus calves. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	5
4	Comparisons of plasma and fecal pharmacokinetics of danofloxacin and enrofloxacin in healthy and <i>Mannheimia haemolytica</i> infected calves. <i>Scientific Reports</i> , 2022, 12, 5107.	1.6	8
5	Comparison of lidocaine alone or in combination with a local nerve block of ethanol, bupivacaine liposome suspension, or oral meloxicam to extend analgesia after scoop dehorning in Holstein calves. <i>JDS Communications</i> , 2022, 3, 189-194.	0.5	1
6	Short term feeding of industrial hemp with a high cannabidiolic acid (CBDA) content increases lying behavior and reduces biomarkers of stress and inflammation in Holstein steers. <i>Scientific Reports</i> , 2022, 12, 3683.	1.6	11
7	Assessment of pain associated with bovine respiratory disease and its mitigation with flunixin meglumine in cattle with induced bacterial pneumonia. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	5
8	Assessment of diagnostic accuracy of biomarkers to assess lung consolidation in calves with induced bacterial pneumonia using receiver operating characteristic curves. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	5
9	Effect of bupivacaine liposome suspension administered as a local anesthetic block on indicators of pain and distress during and after surgical castration in dairy calves. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	2
10	Targeted mutagenesis in <i>Anaplasma marginale</i> to define virulence and vaccine development against bovine anaplasmosis. <i>PLoS Pathogens</i> , 2022, 18, e1010540.	2.1	4
11	Efficacy of oral meloxicam as primary pain mitigation following caustic paste disbudding of three day old Holstein calves. <i>Translational Animal Science</i> , 2021, 5, txz151.	0.4	10
12	Randomized controlled trial comparison of analgesic drugs for control of pain associated with induced lameness in lactating dairy cattle. <i>Journal of Dairy Science</i> , 2021, 104, 2040-2055.	1.4	10
13	Non-Steroidal Anti-Inflammatory Drugs: Pharmacokinetics and Mitigation of Procedural-Pain in Cattle. <i>Animals</i> , 2021, 11, 282.	1.0	8
14	Producer and Veterinarian Perspectives towards Pain Management Practices in the US Cattle Industry. <i>Animals</i> , 2021, 11, 209.	1.0	17
15	Current attitudes of veterinarians and producers regarding the use of local and systemic analgesia in beef and dairy cattle in the United States. <i>Journal of the American Veterinary Medical Association</i> , 2021, 258, 197-209.	0.2	18
16	Analgesic Comparison of Flunixin Meglumine or Meloxicam for Soft-Tissue Surgery in Sheep: A Pilot Study. <i>Animals</i> , 2021, 11, 423.	1.0	10
17	Invited Review: On-farm pain management of food production animals. <i>Applied Animal Science</i> , 2021, 37, 77-87.	0.4	17
18	A field trial comparing four oral nonsteroidal anti-inflammatory drugs on controlling cauterly dehorning pain and stress in calves. <i>Translational Animal Science</i> , 2021, 5, txab041.	0.4	3

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19	Assessment of within-herd seroprevalence of <i>Anaplasma marginale</i> antibodies and associated decreased milk production in an Iowa dairy herd. <i>Applied Animal Science</i> , 2021, 37, 126-131.	0.4	2
20	179 A Comparison of Local Anesthetic Effectiveness in Reducing Pain Associated with Dehorning in Dairy Calves. <i>Journal of Animal Science</i> , 2021, 99, 2-3.	0.2	0
21	180 Comparative Pharmacokinetics of Flunixin Meglumine and Meloxicam in Tilapia (<i>Oreochromis Spp.</i>). <i>Journal of Animal Science</i> , 2021, 99, 3-3.	0.2	0
22	Unmitigated Surgical Castration in Calves of Different Ages: Electroencephalographic and Neurohormonal Findings. <i>Animals</i> , 2021, 11, 1791.	1.0	5
23	Evaluation of a carbon dioxide laser scalpel for disbudding Holstein calves: A pilot study. <i>JDS Communications</i> , 2021, 2, 223-226.	0.5	4
24	Unmitigated Surgical Castration in Calves of Different Ages: Cortisol Concentrations, Heart Rate Variability, and Infrared Thermography Findings. <i>Animals</i> , 2021, 11, 2719.	1.0	8
25	Technical contribution: use of continuous recording video monitoring of maintenance and pain behaviors in piglets after surgical castration to validate six continuous time sampling periods for behavior scoring. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	1
26	Recent Advances on the Development of Chemosensors for the Detection of Mercury Toxicity: A Review. <i>Separations</i> , 2021, 8, 192.	1.1	14
27	Comparative Pharmacokinetics and Tissue Concentrations of Flunixin Meglumine and Meloxicam in Tilapia (<i>Oreochromis spp.</i>). <i>Fishes</i> , 2021, 6, 68.	0.7	5
28	Failure to Eliminate Persistent <i>Anaplasma marginale</i> Infection from Cattle Using Labeled Doses of Chlortetracycline and Oxytetracycline Antimicrobials. <i>Veterinary Sciences</i> , 2021, 8, 283.	0.6	4
29	Proposed multidimensional pain outcome methodology to demonstrate analgesic drug efficacy and facilitate future drug approval for piglet castration. <i>Animal Health Research Reviews</i> , 2021, 22, 163-176.	1.4	11
30	Effect of Protracted Free-Choice Chlortetracycline-Medicated Mineral for Anaplasmosis Control on <i>Escherichia coli</i> Chlortetracycline Resistance Profile from Pastured Beef Cattle. <i>Microorganisms</i> , 2021, 9, 2495.	1.6	2
31	Assessment of statewide and within-herd seroprevalence of <i>Anaplasma marginale</i> antibodies in 12 <i>Bos taurus</i> and <i>Bos indicus</i> cow herds and the association with sporadic outbreaks of bovine anaplasmosis in Florida. <i>Applied Animal Science</i> , 2021, 37, 689-696.	0.4	2
32	Implications for dosing regimen of enrofloxacin administered concurrently with dexamethasone in febrile buffalo calves. <i>Tropical Animal Health and Production</i> , 2020, 52, 1093-1102.	0.5	0
33	Analgesic efficacy of an intravenous constant rate infusion of a morphine-lidocaine-ketamine combination in Holstein calves undergoing umbilical herniorrhaphy. <i>American Journal of Veterinary Research</i> , 2020, 81, 25-32.	0.3	5
34	Development of a subcutaneous ear implant to deliver an anaplasmosis vaccine to dairy steers. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	3
35	Effect of oral meloxicam administration on growth performance and behavior of pre-weaning age calves following band castration. <i>Translational Animal Science</i> , 2020, 4, 1082-1090.	0.4	2
36	A comparison of behavioural methodologies utilised to quantify deviations in piglet behaviour associated with castration. <i>Animal Welfare</i> , 2020, 29, 285-292.	0.3	9

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37	Nutrient concentrations, digestibility, and cannabinoid concentrations of industrial hemp plant components. <i>Applied Animal Science</i> , 2020, 36, 489-494.	0.4	43
38	Plasma concentrations of eleven cannabinoids in cattle following oral administration of industrial hemp (<i>Cannabis sativa</i>). <i>Scientific Reports</i> , 2020, 10, 12753.	1.6	32
39	Determination of plasma-chlortetracycline (CTC) concentrations in grazing beef cattle fed one of four FDA approved free-choice CTC-medicated minerals. <i>Translational Animal Science</i> , 2020, 4, 1128-1133.	0.4	1
40	Comparative Pharmacokinetics of Meloxicam Between Healthy Post-partum vs. Mid-lactation Dairy Cattle. <i>Frontiers in Veterinary Science</i> , 2020, 7, 548.	0.9	7
41	Pharmacokinetics of Intravenous, Intramuscular, Oral, and Transdermal Administration of Flunixin Meglumine in Pre-wean Piglets. <i>Frontiers in Veterinary Science</i> , 2020, 7, 586.	0.9	11
42	Evaluating the utility of a CO2 surgical laser for piglet castration to reduce pain and improve wound healing: a pilot study. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	4
43	Blood plasma concentrations of chlortetracycline achieved by administration of a mineral formulation to adult beef cows. <i>Applied Animal Science</i> , 2020, 36, 8-18.	0.4	1
44	A study to assess the correlation between plasma, oral fluid and urine concentrations of flunixin meglumine with the tissue residue depletion profile in finishing-age swine. <i>BMC Veterinary Research</i> , 2020, 16, 211.	0.7	5
45	Pharmacokinetics of an intravenous constant rate infusion of a morphine-lidocaine-ketamine combination in Holstein calves undergoing umbilical herniorrhaphy. <i>American Journal of Veterinary Research</i> , 2020, 81, 17-24.	0.3	5
46	Comparison of the effect of tildipirosin administered alone or in combination with transdermal flunixin on the performance, health, activity, and well-being of transported feedlot calves on arrival at the feedlot. <i>Translational Animal Science</i> , 2020, 4, 452-459.	0.4	10
47	Pharmacokinetics and tissue concentrations of firocoxib in sows following oral administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 43, 491-498.	0.6	2
48	Toward Antibiotic Stewardship: Route of Antibiotic Administration Impacts the Microbiota and Resistance Gene Diversity in Swine Feces. <i>Frontiers in Veterinary Science</i> , 2020, 7, 255.	0.9	26
49	Association between antimicrobial drug class selection for treatment and retreatment of bovine respiratory disease and health, performance, and carcass quality outcomes in feedlot cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	6
50	PSV-1 A Subcutaneous Ear Implant to Deliver an Anaplasmosis Vaccine to Dairy Steers. <i>Journal of Animal Science</i> , 2020, 98, 156-157.	0.2	2
51	Development and evaluation of two different lameness models in meat goats, a pilot study. <i>Translational Animal Science</i> , 2020, 4, txa193.	0.4	5
52	Administration of acetylsalicylic acid after parturition in lactating dairy cows under certified organic management: Part II. Biomarkers of nociception, inflammation, and stress. <i>Journal of Dairy Science</i> , 2020, 103, 11713-11722.	1.4	10
53	83 Evaluation of transmammary-delivered firocoxib and an ethyl chloride spray to mitigate pain associated with processing procedures in piglets. <i>Journal of Animal Science</i> , 2020, 98, 4-4.	0.2	0
54	215 Assessment of the Diagnostic Sensitivity and Specificity of Pain Biomarkers in Cattle Using Receiver Operating Characteristic Curves. <i>Journal of Animal Science</i> , 2020, 98, 7-8.	0.2	0

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55	Pharmacokinetics and pharmacodynamics of intravenous and transdermal flunixin meglumine in alpacas. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 572-579.	0.6	7
56	Tissue residue depletion and estimation of extralabel meat withdrawal intervals for tulathromycin in calves after pneumatic dart administration. <i>Journal of Animal Science</i> , 2019, 97, 3714-3726.	0.2	3
57	Pharmacokinetics of transdermal flunixin in sows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 492-495.	0.6	21
58	Shifts in the nasal microbiota of swine in response to different dosing regimens of oxytetracycline administration. <i>Veterinary Microbiology</i> , 2019, 237, 108386.	0.8	17
59	PSI-4 Comparison of analgesics for control of lameness-associated pain in lactating dairy cattle. <i>Journal of Animal Science</i> , 2019, 97, 162-163.	0.2	0
60	10 A field study to investigate the effect of Zuprevo administered alone or in combination with banamine transdermal on the health and well-being of transported feedlot calves on arrival at the feedlot. <i>Journal of Animal Science</i> , 2019, 97, 6-6.	0.2	0
61	Pharmacokinetics and bioavailability of oral firocoxib in adult, mixed-breed goats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 640-646.	0.6	10
62	11 Use of pressure mat gait analysis in measuring pain following normal parturition in dairy cows. <i>Journal of Animal Science</i> , 2019, 97, 5-5.	0.2	0
63	Pharmacokinetics of oral and subcutaneous meloxicam: Effect on indicators of pain and inflammation after knife castration in weaned beef calves. <i>PLoS ONE</i> , 2019, 14, e0217518.	1.1	19
64	Transmammary delivery of firocoxib to piglets reduces stress and improves average daily gain after castration, tail docking, and teeth clipping1. <i>Journal of Animal Science</i> , 2019, 97, 2750-2768.	0.2	3
65	The effects of pretransportation or arrival meloxicam administration to calves entering the feedlot on morbidity, biomarkers, performance, and carcass characteristics. <i>Translational Animal Science</i> , 2019, 3, 620-632.	0.4	2
66	Factors associated with seroprevalence of bovine anaplasmosis in Mississippi, USA. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2019, 17, 100301.	0.3	7
67	Effects of transdermal flunixin meglumine on experimentally induced lameness in adult dairy cattle. <i>Journal of Dairy Science</i> , 2019, 102, 6418-6430.	1.4	15
68	An integrated experimental and physiologically based pharmacokinetic modeling study of penicillin G in heavy sows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 461-475.	0.6	12
69	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.	0.2	9
70	Pharmacokinetics and pharmacodynamics of intravenous and transdermal flunixin meglumine in meat goats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 309-317.	0.6	21
71	Fecal microbiota changes associated with dehorning and castration stress primarily affects light-weight dairy calves. <i>PLoS ONE</i> , 2019, 14, e0210203.	1.1	16
72	317 Survey of veterinary student attitudes toward animal welfare and pain. <i>Journal of Animal Science</i> , 2019, 97, 7-7.	0.2	0

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73	302 Current pain mitigation practices in beef and dairy cattle in the United States. <i>Journal of Animal Science</i> , 2019, 97, 2-2.	0.2	0
74	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.	1.4	2
75	Association between antimicrobial drug class for treatment and retreatment of bovine respiratory disease (BRD) and frequency of resistant BRD pathogen isolation from veterinary diagnostic laboratory samples. <i>PLoS ONE</i> , 2019, 14, e0219104.	1.1	22
76	Relative Oral Bioavailability of Two Amoxicillin-Clavulanic Acid Formulations in Healthy Dogs: A Pilot Study. <i>Journal of the American Animal Hospital Association</i> , 2019, 55, 14-22.	0.5	5
77	Seroprevalence of bovine Anaplasmosis in Georgia. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2019, 15, 100258.	0.3	7
78	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.	0.6	11
79	Pharmacokinetics and pharmacodynamics after oral administration of tapentadol hydrochloride in dogs. <i>American Journal of Veterinary Research</i> , 2018, 79, 367-375.	0.3	4
80	Pharmacokinetics of fentanyl citrate and norfentanyl in Holstein calves and effect of analytical performances on fentanyl parameter estimation. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 555-561.	0.6	16
81	Variation in water disappearance, daily dose, and synovial fluid concentrations of tylvalosin and 3-O-acetyltylosin in commercial pigs during five day water medication with tylvalosin under field conditions. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 632-636.	0.6	2
82	Adverse reactions to fentanyl transdermal patches in calves: a preliminary clinical and pharmacokinetic study. <i>Veterinary Anaesthesia and Analgesia</i> , 2018, 45, 575-580.	0.3	5
83	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.	0.6	12
84	Effects of stacked wedge pads and chains applied to the forefeet of Tennessee Walking Horses for a five-day period on behavioral and biochemical indicators of pain, stress, and inflammation. <i>American Journal of Veterinary Research</i> , 2018, 79, 21-32.	0.3	8
85	Effects of short-term anti-inflammatory glucocorticoid treatment on clinicopathologic, echocardiographic, and hemodynamic variables in systemically healthy dogs. <i>American Journal of Veterinary Research</i> , 2018, 79, 411-423.	0.3	25
86	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.	0.6	9
87	Treatment history and antimicrobial susceptibility results for <i>Mannheimia haemolytica</i> , <i>Pasteurella multocida</i> , and <i>Histophilus somni</i> isolates from bovine respiratory disease cases submitted to the Iowa State University Veterinary Diagnostic Laboratory from 2013 to 2015. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018, 30, 99-104.	0.5	32
88	Pharmacokinetics of chlortetracycline in maternal plasma and in fetal tissues following oral administration to pregnant ewes. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 218-223.	0.6	3
89	Effects of transportation on cattle health and production: a review. <i>Animal Health Research Reviews</i> , 2018, 19, 142-154.	1.4	46
90	Effect of meloxicam and lidocaine administered alone or in combination on indicators of pain and distress during and after knife castration in weaned beef calves. <i>PLoS ONE</i> , 2018, 13, e0207289.	1.1	25

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91	Perspectives on the emerging role of US veterinarians in education, policy, politics, and research. , 2018, , 145-165.		1
92	Factors associated with seroprevalence of bovine anaplasmosis in Texas. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018, 14, 32-40.	0.3	8
93	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.	0.6	35
94	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.	0.3	11
95	Comparative plasma and interstitial fluid pharmacokinetics and tissue residues of ceftiofur crystallineâ€free acid in cattle with induced coliform mastitis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 848-860.	0.6	11
96	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.	0.2	11
97	Comparative pharmacokinetics of oxytetracycline in tilapia (<i>Oreochromis spp.</i>) maintained at three different salinities. <i>Aquaculture</i> , 2018, 495, 675-681.	1.7	23
98	The impact of pain on the pharmacokinetics of transdermal flunixin meglumine administered at the time of cauterly dehorning in Holstein calves. <i>Veterinary Anaesthesia and Analgesia</i> , 2018, 45, 849-857.	0.3	5
99	Factors associated with Seroprevalence of <i>Anaplasma marginale</i> in Kentucky cattle. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018, 13, 212-219.	0.3	6
100	An Update on the Assessment and Management of Pain Associated with Lameness in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2017, 33, 389-411.	0.5	31
101	Effect of oral administration of meloxicam prior to transport on inflammatory mediators and leukocyte function of cattle at feedlot arrival. <i>American Journal of Veterinary Research</i> , 2017, 78, 1426-1436.	0.3	3
102	Vaccination mitigates the impact of <sc>PRRS</sc>v infection on the pharmacokinetics of ceftiofur crystallineâ€free acid in pigs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2017, 40, 363-369.	0.6	4
103	Effect of meloxicam administration on movement, feeding, and drinking behaviors of transported and nontransported cattle. <i>American Journal of Veterinary Research</i> , 2017, 78, 1437-1443.	0.3	2
104	Effects of tail docking and tail biting on performance and welfare of growingâ€finishing pigs in a confinement housing system1. <i>Journal of Animal Science</i> , 2017, 95, 4835-4845.	0.2	13
105	002 Pharmacological approaches to pain management in cattle. <i>Journal of Animal Science</i> , 2017, 95, 1-2.	0.2	40
106	Impact of carprofen administration on stress and nociception responses of calves to cauterly dehorning1. <i>Journal of Animal Science</i> , 2016, 94, 542-555.	0.2	32
107	The pharmacokinetics of transdermal flunixin meglumine in Holstein calves. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016, 39, 612-615.	0.6	54
108	Review: Assessment of completeness of reporting in intervention studies using livestock: an example from pain mitigation interventions in neonatal piglets. <i>Animal</i> , 2016, 10, 660-670.	1.3	5

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109	Impact of oral meloxicam and long-distance transport on cell-mediated and humoral immune responses in feedlot steers receiving modified live BVDV booster vaccination on arrival. <i>Veterinary Immunology and Immunopathology</i> , 2016, 175, 42-50.	0.5	10
110	A mixed treatment meta-analysis of antibiotic treatment options for bovine respiratory disease – An update. <i>Preventive Veterinary Medicine</i> , 2016, 132, 130-139.	0.7	46
111	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.	1.4	12
112	Flooring preference and behavior in sound and lame sows. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2016, 66, 115-118.	0.2	1
113	A systematic review and meta-analysis of the antibiotic treatment for infectious bovine keratoconjunctivitis: an update. <i>Animal Health Research Reviews</i> , 2016, 17, 60-75.	1.4	14
114	Concentrations of tylvalosin and 3-O-acetyltylosin attained in the synovial fluid of swine after administration by oral gavage at 50 and 5 Åmg/kg. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016, 39, 621-624.	0.6	3
115	Altered plasma pharmacokinetics of ceftiofur hydrochloride in cows affected with severe clinical mastitis. <i>Journal of Dairy Science</i> , 2016, 99, 505-514.	1.4	17
116	Hot topic: Early postpartum treatment of commercial dairy cows with nonsteroidal antiinflammatory drugs increases whole-lactation milk yield. <i>Journal of Dairy Science</i> , 2016, 99, 672-679.	1.4	63
117	Beef cattle welfare in the USA: identification of priorities for future research. <i>Animal Health Research Reviews</i> , 2015, 16, 107-124.	1.4	43
118	Pharmacokinetics of meloxicam in mature swine after intravenous and oral administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 265-270.	0.6	25
119	Impact of an experimental <i>PRRSV</i> and <i>S. treptococcus suis</i> coinfection on the pharmacokinetics of ceftiofur hydrochloride after intramuscular injection in pigs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 475-481.	0.6	17
120	Sow behavioral responses to transient, chemically induced synovitis lameness. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2015, 65, 122-125.	0.2	4
121	Clinical Pharmacology of Analgesic Drugs in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2015, 31, 113-138.	0.5	34
122	Pharmacokinetics and tissue disposition of meloxicam in beef calves after repeated oral administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 556-562.	0.6	14
123	Synovial fluid pharmacokinetics of tulathromycin, gamithromycin and florfenicol after a single subcutaneous dose in cattle. <i>BMC Veterinary Research</i> , 2015, 11, 26.	0.7	13
124	Pharmacokinetics and physiologic effects of alprazolam after a single oral dose in healthy mares. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 301-304.	0.6	3
125	Short communication: Use of the BetaStar Plus assay for detection of ceftiofur antimicrobial residues in milk from individual cows following intramammary treatment for mastitis. <i>Journal of Dairy Science</i> , 2015, 98, 6270-6277.	1.4	3
126	The effects of firocoxib on cauterly disbudding pain and stress responses in preweaned dairy calves. <i>Journal of Dairy Science</i> , 2015, 98, 6058-6069.	1.4	36

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127	PHARMACOKINETIC PROPERTIES OF A SINGLE ADMINISTRATION OF ORAL GABAPENTIN IN THE GREAT HORNED OWL (<i>BUBO VIRGINIANUS</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2015, 46, 547-552.	0.3	16
128	Pharmacokinetics of tulathromycin in nonpregnant adult ewes. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 414-416.	0.6	7
129	Impact of oral meloxicam on circulating physiological biomarkers of stress and inflammation in beef steers after long-distance transportation ¹ . <i>Journal of Animal Science</i> , 2014, 92, 498-510.	0.2	63
130	Effects of sample handling methods on substance P concentrations and immunoreactivity in bovine blood samples. <i>American Journal of Veterinary Research</i> , 2014, 75, 109-116.	0.3	17
131	Impact of Transmammary-Delivered Meloxicam on Biomarkers of Pain and Distress in Piglets after Castration and Tail Docking. <i>PLoS ONE</i> , 2014, 9, e113678.	1.1	34
132	The effect of timing of oral meloxicam administration on physiological responses in calves after cautery dehorning with local anesthesia. <i>Journal of Dairy Science</i> , 2013, 96, 5194-5205.	1.4	75
133	Pharmacokinetics of flunixin meglumine in mature swine after intravenous, intramuscular and oral administration. <i>BMC Veterinary Research</i> , 2013, 9, 165.	0.7	46
134	Effect of Mannheimia haemolytica pneumonia on behavior and physiologic responses of calves during high ambient environmental temperatures ¹ . <i>Journal of Animal Science</i> , 2013, 91, 3917-3929.	0.2	66
135	Effect of collection material and sample processing on pig oral fluid testing results. <i>Veterinary Journal</i> , 2013, 198, 158-163.	0.6	32
136	Bovine Dehorning. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 103-133.	0.5	89
137	Assessment and Management of Pain Associated with Castration in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 75-101.	0.5	74
138	Pain Management. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, xi-xii.	0.5	1
139	A Review of Analgesic Compounds Used in Food Animals in the United States. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 11-28.	0.5	57
140	Assessment and Management of Pain Associated with Lameness in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 135-156.	0.5	56
141	Pharmacokinetics of intravenously and orally administered meloxicam in sheep. <i>American Journal of Veterinary Research</i> , 2013, 74, 779-783.	0.3	34
142	A mixed treatment comparison meta-analysis of antibiotic treatments for bovine respiratory disease. <i>Preventive Veterinary Medicine</i> , 2013, 110, 77-87.	0.7	41
143	Effect of transportation during periods of high ambient temperature on physiologic and behavioral indices of beef heifers. <i>American Journal of Veterinary Research</i> , 2013, 74, 481-490.	0.3	18
144	Anti-inflammatory salicylate treatment alters the metabolic adaptations to lactation in dairy cattle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R110-R117.	0.9	78

#	ARTICLE	IF	CITATIONS
145	Reply to "Sensitivity and Specificity of a Competitive Enzyme-Linked Immunosorbent Assay Relative to Quantitative Reverse Transcriptase PCR for Detection of <i>Anaplasma marginale</i> and <i>A. phagocytophilum</i> ". <i>Journal of Clinical Microbiology</i> , 2012, 50, 2839-2840.	1.8	0
146	The physiological and behavioral response of pigs castrated with and without anesthesia or analgesia. <i>Journal of Animal Science</i> , 2012, 90, 2211-2221.	0.2	70
147	Pharmacokinetics and effect of intravenous meloxicam in weaned Holstein calves following scoop dehorning without local anesthesia. <i>BMC Veterinary Research</i> , 2012, 8, 153.	0.7	77
148	Assessment of behavioral changes associated with oral meloxicam administration at time of dehorning in calves using a remote triangulation device and accelerometers. <i>BMC Veterinary Research</i> , 2012, 8, 48.	0.7	67
149	Bioavailability and pharmacokinetics of oral meloxicam in llamas. <i>BMC Veterinary Research</i> , 2012, 8, 85.	0.7	34
150	Detection of ceftiofur and oxytetracycline in oral fluids of swine with a penicillinase competitive ELISA test after intramuscular injection. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2011, 34, 515-517.	0.6	7
151	Pharmacokinetics of oral gabapentin alone or co-administered with meloxicam in ruminant beef calves. <i>Veterinary Journal</i> , 2011, 190, 98-102.	0.6	59
152	A review of pain assessment techniques and pharmacological approaches to pain relief after bovine castration: Practical implications for cattle production within the United States. <i>Applied Animal Behaviour Science</i> , 2011, 135, 192-213.	0.8	120
153	Pharmacokinetics and physiologic effects of intramuscularly administered xylazine hydrochloride-ketamine hydrochloride-butorphanol tartrate alone or in combination with orally administered sodium salicylate on biomarkers of pain in Holstein calves following castration and dehorning. <i>American Journal of Veterinary Research</i> , 2011, 72, 1305-1317.	0.3	48
154	Effects of two simulated oxytetracycline dosing regimens on horizontal transfer of antimicrobial resistance plasmids in an in vitro pharmacodynamic model. <i>American Journal of Veterinary Research</i> , 2011, 72, 877-883.	0.3	3
155	What Is the Evidence?. <i>Journal of the American Veterinary Medical Association</i> , 2011, 239, 314-316.	0.2	2
156	Effect of flunixin meglumine on the amelioration of lameness in dairy steers with amphotericin B-induced transient synovitis-arthritis. <i>American Journal of Veterinary Research</i> , 2011, 72, 1431-1438.	0.3	42
157	A survey of castration methods and associated livestock management practices performed by bovine veterinarians in the United States. <i>BMC Veterinary Research</i> , 2010, 6, 12.	0.7	74
158	The efficacy of three chlortetracycline regimens in the treatment of persistent <i>Anaplasma marginale</i> infection. <i>Veterinary Microbiology</i> , 2010, 145, 69-75.	0.8	22
159	The natural history of <i>Anaplasma marginale</i> . <i>Veterinary Parasitology</i> , 2010, 167, 95-107.	0.7	387
160	Effect of sub-anesthetic xylazine and ketamine (ketamine stun) administered to calves immediately prior to castration. <i>Veterinary Anaesthesia and Analgesia</i> , 2010, 37, 566-578.	0.3	41
161	Detection of <i>Anaplasma marginale</i> and <i>A. phagocytophilum</i> in Bovine Peripheral Blood Samples by Duplex Real-Time Reverse Transcriptase PCR Assay. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2424-2432.	1.8	32
162	Comparison of iatrogenic transmission of <i>Anaplasma marginale</i> in Holstein steers via needle and needle-free injection techniques. <i>American Journal of Veterinary Research</i> , 2010, 71, 1178-1188.	0.3	38

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163	Seroprevalence of <i>Anaplasma marginale</i> in 2 Iowa feedlots and its association with morbidity, mortality, production parameters, and carcass traits. <i>Canadian Veterinary Journal</i> , 2010, 51, 862-8.	0.0	6
164	Ultrastructural and fluorochromatic changes of <i>Anaplasma marginale</i> exposed to oxytetracycline, imidocarb and enrofloxacin in short-term erythrocyte cultures. <i>Veterinary Microbiology</i> , 2009, 136, 45-53.	0.8	2
165	Pharmacokinetics of intravenous and oral meloxicam in ruminant calves. <i>Veterinary Therapeutics: Research in Applied Veterinary Medicine</i> , 2009, 10, E1-8.	0.3	26
166	Evaluation of two-dimensional accelerometers to monitor behavior of beef calves after castration. <i>American Journal of Veterinary Research</i> , 2008, 69, 1005-1012.	0.3	53
167	Plasma concentrations of substance P and cortisol in beef calves after castration or simulated castration. <i>American Journal of Veterinary Research</i> , 2008, 69, 751-762.	0.3	100
168	Use of computed tomography to evaluate pathologic changes in the lungs of calves with experimentally induced respiratory tract disease. <i>American Journal of Veterinary Research</i> , 2007, 68, 1259-1264.	0.3	21
169	Comparison of the complement fixation test and competitive ELISA for serodiagnosis of <i>Anaplasma marginale</i> infection in experimentally infected steers. <i>American Journal of Veterinary Research</i> , 2007, 68, 872-878.	0.3	17
170	Comparison of the complement fixation test and competitive ELISA for serodiagnosis of <i>Anaplasma marginale</i> infection in experimentally infected steers. <i>Journal of the American Veterinary Medical Association</i> , 2007, 231, 601-601.	0.2	0
171	Efficacy of enrofloxacin against severe experimental <i>Anaplasma marginale</i> infections in splenectomized calves. <i>Veterinary Therapeutics: Research in Applied Veterinary Medicine</i> , 2006, 7, 319-28.	0.3	1
172	Comparison of the efficacy of enrofloxacin, imidocarb, and oxytetracycline for clearance of persistent <i>Anaplasma marginale</i> infections in cattle. <i>Veterinary Therapeutics: Research in Applied Veterinary Medicine</i> , 2006, 7, 347-60.	0.3	10
173	Comparison of three oxytetracycline regimens for the treatment of persistent <i>Anaplasma marginale</i> infections in beef cattle. <i>Veterinary Parasitology</i> , 2005, 127, 61-73.	0.7	55