

# Johann Coetzee

## List of Publications by Year in descending order

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173  
papers

3,680  
citations

126907

33  
h-index

168389

53  
g-index

185  
all docs

185  
docs citations

185  
times ranked

2482  
citing authors

#	ARTICLE	IF	CITATIONS
1	The natural history of <i>Anaplasma marginale</i> . <i>Veterinary Parasitology</i> , 2010, 167, 95-107.	1.8	387
2	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.	1.9	120
3	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.	0.6	100
4	Bovine Dehorning. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 103-133.	1.2	89
5	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.	1.8	78
6	Pharmacokinetics and effect of intravenous meloxicam in weaned Holstein calves following scoop dehorning without local anesthesia. <i>BMC Veterinary Research</i> , 2012, 8, 153.	1.9	77
7	The effect of timing of oral meloxicam administration on physiological responses in calves after cauterly dehorning with local anesthesia. <i>Journal of Dairy Science</i> , 2013, 96, 5194-5205.	3.4	75
8	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.	1.9	74
9	Assessment and Management of Pain Associated with Castration in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 75-101.	1.2	74
10	The physiological and behavioral response of pigs castrated with and without anesthesia or analgesia. <i>Journal of Animal Science</i> , 2012, 90, 2211-2221.	0.5	70
11	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.	1.9	67
12	Effect of <i>Mannheimia haemolytica</i> pneumonia on behavior and physiologic responses of calves during high ambient environmental temperatures. <i>Journal of Animal Science</i> , 2013, 91, 3917-3929.	0.5	66
13	Impact of oral meloxicam on circulating physiological biomarkers of stress and inflammation in beef steers after long-distance transportation. <i>Journal of Animal Science</i> , 2014, 92, 498-510.	0.5	63
14	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.	3.4	63
15	Pharmacokinetics of oral gabapentin alone or co-administered with meloxicam in ruminant beef calves. <i>Veterinary Journal</i> , 2011, 190, 98-102.	1.7	59
16	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.	1.2	57
17	Assessment and Management of Pain Associated with Lameness in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013, 29, 135-156.	1.2	56
18	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.	1.8	55

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19	The pharmacokinetics of transdermal flunixin meglumine in Holstein calves. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016, 39, 612-615.	1.3	54
20	Evaluation of two-dimensional accelerometers to monitor behavior of beef calves after castration. <i>American Journal of Veterinary Research</i> , 2008, 69, 1005-1012.	0.6	53
21	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.	0.6	48
22	Pharmacokinetics of flunixin meglumine in mature swine after intravenous, intramuscular and oral administration. <i>BMC Veterinary Research</i> , 2013, 9, 165.	1.9	46
23	A mixed treatment meta-analysis of antibiotic treatment options for bovine respiratory disease – An update. <i>Preventive Veterinary Medicine</i> , 2016, 132, 130-139.	1.9	46
24	Effects of transportation on cattle health and production: a review. <i>Animal Health Research Reviews</i> , 2018, 19, 142-154.	3.1	46
25	Beef cattle welfare in the USA: identification of priorities for future research. <i>Animal Health Research Reviews</i> , 2015, 16, 107-124.	3.1	43
26	Nutrient concentrations, digestibility, and cannabinoid concentrations of industrial hemp plant components. <i>Applied Animal Science</i> , 2020, 36, 489-494.	1.2	43
27	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.	0.6	42
28	Effect of sub-anesthetic xylazine and ketamine (â€™ketamine stunâ€™) administered to calves immediately prior to castration. <i>Veterinary Anaesthesia and Analgesia</i> , 2010, 37, 566-578.	0.6	41
29	A mixed treatment comparison meta-analysis of antibiotic treatments for bovine respiratory disease. <i>Preventive Veterinary Medicine</i> , 2013, 110, 77-87.	1.9	41
30	002 Pharmacological approaches to pain management in cattle. <i>Journal of Animal Science</i> , 2017, 95, 1-2.	0.5	40
31	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.	0.6	38
32	The effects of firocoxib on cautery disbudding pain and stress responses in preweaned dairy calves. <i>Journal of Dairy Science</i> , 2015, 98, 6058-6069.	3.4	36
33	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
34	Bioavailability and pharmacokinetics of oral meloxicam in llamas. <i>BMC Veterinary Research</i> , 2012, 8, 85.	1.9	34
35	Pharmacokinetics of intravenously and orally administered meloxicam in sheep. <i>American Journal of Veterinary Research</i> , 2013, 74, 779-783.	0.6	34
36	Clinical Pharmacology of Analgesic Drugs in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2015, 31, 113-138.	1.2	34

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37	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.	2.5	34
38	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.	3.9	32
39	Effect of collection material and sample processing on pig oral fluid testing results. <i>Veterinary Journal</i> , 2013, 198, 158-163.	1.7	32
40	Impact of carprofen administration on stress and nociception responses of calves to cauterly dehorning1. <i>Journal of Animal Science</i> , 2016, 94, 542-555.	0.5	32
41	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.	1.1	32
42	Plasma concentrations of eleven cannabinoids in cattle following oral administration of industrial hemp ( <i>Cannabis sativa</i> ). <i>Scientific Reports</i> , 2020, 10, 12753.	3.3	32
43	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.	1.2	31
44	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.	2.2	26
45	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
46	Pharmacokinetics of meloxicam in mature swine after intravenous and oral administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 265-270.	1.3	25
47	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.	0.6	25
48	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.	2.5	25
49	Comparative pharmacokinetics of oxytetracycline in tilapia ( <i>Oreochromis spp.</i> ) maintained at three different salinities. <i>Aquaculture</i> , 2018, 495, 675-681.	3.5	23
50	The efficacy of three chlortetracycline regimens in the treatment of persistent <i>Anaplasma marginale</i> infection. <i>Veterinary Microbiology</i> , 2010, 145, 69-75.	1.9	22
51	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.	2.5	22
52	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.	0.6	21
53	Pharmacokinetics of transdermal flunixin in sows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 492-495.	1.3	21
54	Pharmacokinetics and pharmacodynamics of intravenous and transdermal flunixin meglumine in meat goats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 309-317.	1.3	21

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55	Pharmacokinetics of oral and subcutaneous meloxicam: Effect on indicators of pain and inflammation after knife castration in weaned beef calves. PLoS ONE, 2019, 14, e0217518.	2.5	19
56	Effect of transportation during periods of high ambient temperature on physiologic and behavioral indices of beef heifers. American Journal of Veterinary Research, 2013, 74, 481-490.	0.6	18
57	Current attitudes of veterinarians and producers regarding the use of local and systemic analgesia in beef and dairy cattle in the United States. Journal of the American Veterinary Medical Association, 2021, 258, 197-209.	0.5	18
58	Comparison of the complement fixation test and competitive ELISA for serodiagnosis of Anaplasma marginale infection in experimentally infected steers. American Journal of Veterinary Research, 2007, 68, 872-878.	0.6	17
59	Effects of sample handling methods on substance P concentrations and immunoreactivity in bovine blood samples. American Journal of Veterinary Research, 2014, 75, 109-116.	0.6	17
60	Impact of an experimental PRRSV and S. treptococcus suis coinfection on the pharmacokinetics of ceftiofur hydrochloride after intramuscular injection in pigs. Journal of Veterinary Pharmacology and Therapeutics, 2015, 38, 475-481.	1.3	17
61	Altered plasma pharmacokinetics of ceftiofur hydrochloride in cows affected with severe clinical mastitis. Journal of Dairy Science, 2016, 99, 505-514.	3.4	17
62	Shifts in the nasal microbiota of swine in response to different dosing regimens of oxytetracycline administration. Veterinary Microbiology, 2019, 237, 108386.	1.9	17
63	Producer and Veterinarian Perspectives towards Pain Management Practices in the US Cattle Industry. Animals, 2021, 11, 209.	2.3	17
64	Invited Review: On-farm pain management of food production animals. Applied Animal Science, 2021, 37, 77-87.	1.2	17
65	PHARMACOKINETIC PROPERTIES OF A SINGLE ADMINISTRATION OF ORAL GABAPENTIN IN THE GREAT HORNED OWL (BUBO VIRGINIANUS). Journal of Zoo and Wildlife Medicine, 2015, 46, 547-552.	0.6	16
66	Pharmacokinetics of fentanyl citrate and norfentanyl in Holstein calves and effect of analytical performances on fentanyl parameter estimation. Journal of Veterinary Pharmacology and Therapeutics, 2018, 41, 555-561.	1.3	16
67	Fecal microbiota changes associated with dehorning and castration stress primarily affects light-weight dairy calves. PLoS ONE, 2019, 14, e0210203.	2.5	16
68	Effects of transdermal flunixin meglumine on experimentally induced lameness in adult dairy cattle. Journal of Dairy Science, 2019, 102, 6418-6430.	3.4	15
69	Pharmacokinetics and tissue disposition of meloxicam in beef calves after repeated oral administration. Journal of Veterinary Pharmacology and Therapeutics, 2015, 38, 556-562.	1.3	14
70	A systematic review and meta-analysis of the antibiotic treatment for infectious bovine keratoconjunctivitis: an update. Animal Health Research Reviews, 2016, 17, 60-75.	3.1	14
71	Recent Advances on the Development of Chemosensors for the Detection of Mercury Toxicity: A Review. Separations, 2021, 8, 192.	2.4	14
72	Synovial fluid pharmacokinetics of tulathromycin, gamithromycin and florfenicol after a single subcutaneous dose in cattle. BMC Veterinary Research, 2015, 11, 26.	1.9	13

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73	Effects of tail docking and tail biting on performance and welfare of growingâ€“finishing pigs in a confinement housing system. <i>Journal of Animal Science</i> , 2017, 95, 4835-4845.	0.5	13
74	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
75	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
76	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.	1.3	12
77	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
78	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
79	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.	1.3	11
80	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
81	Pharmacokinetics of Intravenous, Intramuscular, Oral, and Transdermal Administration of Flunixin Meglumine in Pre-wean Piglets. <i>Frontiers in Veterinary Science</i> , 2020, 7, 586.	2.2	11
82	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.	3.1	11
83	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.	3.3	11
84	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.	1.2	10
85	Pharmacokinetics and bioavailability of oral firocoxib in adult, mixedâ€“breed goats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 640-646.	1.3	10
86	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.	1.1	10
87	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.	1.1	10
88	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.	3.4	10
89	Analgesic Comparison of Flunixin Meglumine or Meloxicam for Soft-Tissue Surgery in Sheep: A Pilot Study. <i>Animals</i> , 2021, 11, 423.	2.3	10
90	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.	3.4	10

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91	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.	3.4	10
92	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
93	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
94	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
95	A comparison of behavioural methodologies utilised to quantify deviations in piglet behaviour associated with castration. <i>Animal Welfare</i> , 2020, 29, 285-292.	0.7	9
96	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.	0.6	8
97	Factors associated with seroprevalence of bovine anaplasmosis in Texas. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018, 14, 32-40.	0.5	8
98	Non-Steroidal Anti-Inflammatory Drugs: Pharmacokinetics and Mitigation of Procedural-Pain in Cattle. <i>Animals</i> , 2021, 11, 282.	2.3	8
99	Unmitigated Surgical Castration in Calves of Different Ages: Cortisol Concentrations, Heart Rate Variability, and Infrared Thermography Findings. <i>Animals</i> , 2021, 11, 2719.	2.3	8
100	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.	3.3	8
101	Detection of ceftiofur and oxytetracycline in oral fluids of swine with a pen-side competitive ELISA test after intramuscular injection. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2011, 34, 515-517.	1.3	7
102	Pharmacokinetics of tulathromycin in nonpregnant adult ewes. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 414-416.	1.3	7
103	Pharmacokinetics and pharmacodynamics of intravenous and transdermal flunixin meglumine in alpacas. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 572-579.	1.3	7
104	Factors associated with seroprevalence of bovine anaplasmosis in Mississippi, USA. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2019, 17, 100301.	0.5	7
105	Seroprevalence of bovine Anaplasmosis in Georgia. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2019, 15, 100258.	0.5	7
106	Comparative Pharmacokinetics of Meloxicam Between Healthy Post-partum vs. Mid-lactation Dairy Cattle. <i>Frontiers in Veterinary Science</i> , 2020, 7, 548.	2.2	7
107	Factors associated with Seroprevalence of <i>Anaplasma marginale</i> in Kentucky cattle. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018, 13, 212-219.	0.5	6
108	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, .	0.5	6



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109	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
110	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.	3.3	5
111	Adverse reactions to fentanyl transdermal patches in calves: a preliminary clinical and pharmacokinetic study. <i>Veterinary Anaesthesia and Analgesia</i> , 2018, 45, 575-580.	0.6	5
112	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.	0.6	5
113	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.	1.1	5
114	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.	0.6	5
115	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.	1.9	5
116	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.	0.6	5
117	Unmitigated Surgical Castration in Calves of Different Ages: Electroencephalographic and Neurohormonal Findings. <i>Animals</i> , 2021, 11, 1791.	2.3	5
118	Development and evaluation of two different lameness models in meat goats, a pilot study. <i>Translational Animal Science</i> , 2020, 4, txa193.	1.1	5
119	Comparative Pharmacokinetics and Tissue Concentrations of Flunixin Meglumine and Meloxicam in Tilapia ( <i>Oreochromis spp.</i> ). <i>Fishes</i> , 2021, 6, 68.	1.7	5
120	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, .	0.5	5
121	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, .	0.5	5
122	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, .	0.5	5
123	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
124	Vaccination mitigates the impact of PRRSv infection on the pharmacokinetics of ceftiofur crystalline-free acid in pigs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2017, 40, 363-369.	1.3	4
125	Pharmacokinetics and pharmacodynamics after oral administration of tapentadol hydrochloride in dogs. <i>American Journal of Veterinary Research</i> , 2018, 79, 367-375.	0.6	4
126	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, .	0.5	4



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127	Evaluation of a carbon dioxide laser scalpel for disbudding Holstein calves: A pilot study. <i>JDS Communications</i> , 2021, 2, 223-226.	1.5	4
128	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.	1.7	4
129	Targeted mutagenesis in <i>Anaplasma marginale</i> to define virulence and vaccine development against bovine anaplasmosis. <i>PLoS Pathogens</i> , 2022, 18, e1010540.	4.7	4
130	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.	0.6	3
131	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.	1.3	3
132	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.	3.4	3
133	Concentrations of tylvalosin and 3-O-acetyltylosin attained in the synovial fluid of swine after administration by oral gavage at 50 and 5Åmg/kg. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016, 39, 621-624.	1.3	3
134	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.	0.6	3
135	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.	1.3	3
136	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.	0.5	3
137	Transmammary delivery of firocoxib to piglets reduces stress and improves average daily gain after castration, tail docking, and teeth clipping <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 2750-2768.	0.5	3
138	Development of a subcutaneous ear implant to deliver an anaplasmosis vaccine to dairy steers. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	3
139	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.	1.1	3
140	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.	1.9	2
141	What Is the Evidence?. <i>Journal of the American Veterinary Medical Association</i> , 2011, 239, 314-316.	0.5	2
142	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.	0.6	2
143	Variation in water disappearance, daily dose, and synovial fluid concentrations of tylvalosin and 3-O-acetyltylosin in commerial pigs during five day water medication with tylvalosin under field conditions. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 632-636.	1.3	2
144	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.	1.1	2

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145	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
146	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.	1.1	2
147	Pharmacokinetics and tissue concentrations of firocoxib in sows following oral administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 43, 491-498.	1.3	2
148	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.	1.2	2
149	PSV-1 A Subcutaneous Ear Implant to Deliver an Anaplasmosis Vaccine to Dairy Steers. <i>Journal of Animal Science</i> , 2020, 98, 156-157.	0.5	2
150	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.	3.6	2
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157	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.	1.2	1
158	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, .	0.5	1
159	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
160	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.	1.5	1
161	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.	3.9	0
162	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.	0.5	0

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163	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.	0.5	0
164	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.	0.5	0
165	317 Survey of veterinary student attitudes toward animal welfare and pain. <i>Journal of Animal Science</i> , 2019, 97, 7-7.	0.5	0
166	302 Current pain mitigation practices in beef and dairy cattle in the United States. <i>Journal of Animal Science</i> , 2019, 97, 2-2.	0.5	0
167	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.	1.4	0
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171	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.	0.5	0
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