

# J L Davis

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

1,741  
citations

293460

24  
h-index

340414

39  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacokinetics and clinical efficacy of acetaminophen (paracetamol) in adult horses with mechanically induced lameness. <i>Equine Veterinary Journal</i> , 2023, 55, 524-533.	0.9	9
2	Update on withdrawal intervals following extralabel use of procaine penicillin G in cattle and swine. <i>Journal of the American Veterinary Medical Association</i> , 2022, 260, 50-55.	0.2	1
3	Mechanisms of toxicity and residue considerations of rodenticide exposure in food Animalsâ€™a FARAD perspective. <i>Journal of the American Veterinary Medical Association</i> , 2022, 260, 514-523.	0.2	3
4	Pharmacokinetic Parameters and Estimating Extra-Label Tissue Withdrawal Intervals Using Three Approaches and Various Matrices for Domestic Laying Chickens Following Meloxicam Administration. <i>Frontiers in Veterinary Science</i> , 2022, 9, 826367.	0.9	5
5	An Interactive Generic Physiologically Based Pharmacokinetic (igPBPK) Modeling Platform to Predict Drug Withdrawal Intervals in Cattle and Swine: A Case Study on Flunixin, Florfenicol, and Penicillin G. <i>Toxicological Sciences</i> , 2022, 188, 180-197.	1.4	5
6	Ex vivo COXâ€™1 and COXâ€™2 inhibition in equine blood by phenylbutazone, flunixin meglumine, meloxicam and firocoxib: Informing clinical NSAID selection. <i>Equine Veterinary Education</i> , 2021, 33, 198-207.	0.3	11
7	Cannabinoids in veterinary medicine: Is there evidence to support the trend?. <i>Equine Veterinary Education</i> , 2021, 33, 177-179.	0.3	2
8	Pharmacokinetics and pulmonary distribution of Draxxin Å® (tulathromycin) in healthy adult horses. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021, 44, 714-723.	0.6	2
9	Pharmacokinetics of dipyrone in horses: A multiâ€™dose, dose escalation study. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021, 44, 919-926.	0.6	2
10	Development and Application of an Interactive Physiologically Based Pharmacokinetic (iPBPK) Model to Predict Oxytetracycline Tissue Distribution and Withdrawal Intervals in Market-Age Sheep and Goats. <i>Toxicological Sciences</i> , 2021, 183, 253-268.	1.4	8
11	Physiological parameter values for physiologically based pharmacokinetic models in foodâ€™producing animals. Part III: Sheep and goat. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021, 44, 456-477.	0.6	13
12	Pharmacokinetics and safety of repeated oral dosing of acetaminophen in adult horses. <i>Equine Veterinary Journal</i> , 2020, 52, 120-125.	0.9	17
13	Study design synopsis: Designing and performing pharmacokinetic studies for systemically administered drugs in horses. <i>Equine Veterinary Journal</i> , 2020, 52, 643-650.	0.9	5
14	Physiological parameter values for physiologically based pharmacokinetic models in foodâ€™producing animals. Part II: Chicken and turkey. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 44, 423.	0.6	11
15	Physiological parameter values for physiologically based pharmacokinetic models in foodâ€™producing animals. Part I: Cattle and swine. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 43, 385-420.	0.6	22
16	Pharmacodynamic Effects of Pioglitazone on High Molecular Weight Adiponectin Concentrations and Insulin Response After Oral Sugar in Equids. <i>Journal of Equine Veterinary Science</i> , 2019, 82, 102797.	0.4	6
17	Clinical insights: Antimicrobials in an age of resistance. <i>Equine Veterinary Journal</i> , 2019, 51, 711-713.	0.9	4
18	Impact of bovine respiratory disease on the pharmacokinetics of danofloxacin and tulathromycin in different ages of calves. <i>PLoS ONE</i> , 2019, 14, e0218864.	1.1	13

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19	Integration of Food Animal Residue Avoidance Databank (FARAD) empirical methods for drug withdrawal interval determination with a mechanistic population-based interactive physiologically based pharmacokinetic (iPBPK) modeling platform: example for flunixin meglumine administration. <i>Archives of Toxicology</i> , 2019, 93, 1865-1880.	1.9	19
20	Multicentre, blinded, randomised clinical trial comparing the use of flunixin meglumine with firocoxib in horses with small intestinal strangulating obstruction. <i>Equine Veterinary Journal</i> , 2019, 51, 329-335.	0.9	35
21	Oral reserpine administration in horses results in low plasma concentrations that alter platelet biology. <i>Equine Veterinary Journal</i> , 2019, 51, 537-543.	0.9	8
22	Pharmacokinetics and ex vivo anti-inflammatory effects of oral misoprostol in horses. <i>Equine Veterinary Journal</i> , 2019, 51, 415-421.	0.9	6
23	Pharmacokinetics of Intrarectal Altrenogest in Horses. <i>Journal of Equine Veterinary Science</i> , 2019, 72, 41-46.	0.4	5
24	Pharmacokinetics and physiologic/behavioral effects of buprenorphine administered sublingually and intravenously to neonatal foals. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 26-36.	0.6	3
25	Catheter-associated venous air embolism in hospitalized horses: 32 cases. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 805-814.	0.6	18
26	Pharmacokinetics, pharmacodynamics and clinical use of trazodone and its active metabolite chlorophenylpiperazine in the horse. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 393-401.	0.6	13
27	Bioavailability and tolerability of nebulised dexamethasone sodium phosphate in adult horses. <i>Equine Veterinary Journal</i> , 2018, 50, 85-90.	0.9	15
28	Pharmacokinetics of the anticonvulsant levetiracetam in neonatal foals. <i>Equine Veterinary Journal</i> , 2018, 50, 532-536.	0.9	7
29	Extralabel drug use in small ruminants. <i>Journal of the American Veterinary Medical Association</i> , 2018, 253, 1001-1009.	0.2	12
30	Effect of age on plasma protein binding of several veterinary drugs in dairy calves 2. <i>Research in Veterinary Science</i> , 2018, 121, 59-64.	0.9	9
31	Consequences of fipronil exposure in egg-laying hens. <i>Journal of the American Veterinary Medical Association</i> , 2018, 253, 57-60.	0.2	26
32	Rectal administration of metronidazole with and without rectal evacuation prior to use in horses. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 838-842.	0.6	3
33	Photo-triggered release of 5-fluorouracil from a MOF drug delivery vehicle. <i>Chemical Communications</i> , 2018, 54, 7617-7620.	2.2	92
34	Treatment of carprofen overdose with therapeutic plasma exchange in a dog. <i>Journal of Veterinary Emergency and Critical Care</i> , 2018, 28, 356-360.	0.4	14
35	Feasibility and safety of lumbosacral epiduroscopy in the standing horse. <i>Equine Veterinary Journal</i> , 2017, 49, 322-328.	0.9	1
36	Treatment of meloxicam overdose in a dog via therapeutic plasma exchange. <i>Journal of Veterinary Emergency and Critical Care</i> , 2017, 27, 444-450.	0.4	19

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37	Treatment of ibuprofen intoxication in a dog via therapeutic plasma exchange. <i>Journal of Veterinary Emergency and Critical Care</i> , 2017, 27, 451-457.	0.4	18
38	Haemoperitoneum in a pregnant mare with an ovarian haematoma. <i>Equine Veterinary Education</i> , 2016, 28, 359-363.	0.3	3
39	Health concerns and management of select veterinary drug residues. <i>Food and Chemical Toxicology</i> , 2016, 88, 112-122.	1.8	209
40	Pharmacokinetics of Ceftiofur Crystalline-Free Acid in Clinically Healthy Dogs ( <i>Canis lupus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <sub>50</sub> 622 Td	0.6	5
41	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
42	Pharmacokinetics and pharmacodynamics of three formulations of firocoxib in healthy horses. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 249-256.	0.6	24
43	Effects of quinapril on angiotensin converting enzyme and plasma renin activity as well as pharmacokinetic parameters of quinapril and its active metabolite, quinaprilat, after intravenous and oral administration to mature horses. <i>Equine Veterinary Journal</i> , 2014, 46, 729-733.	0.9	10
44	Pharmacokinetics and safety of firocoxib after oral administration of repeated consecutive doses to neonatal foals. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2014, 37, 243-251.	0.6	26
45	Pressure and volume controlled mechanical ventilation in anaesthetized pregnant sheep. <i>Laboratory Animals</i> , 2014, 48, 321-327.	0.5	12
46	Plasma and pulmonary pharmacokinetics of desfuroylceftiofur acetamide after weekly administration of ceftiofur crystalline free acid to adult horses. <i>Equine Veterinary Journal</i> , 2014, 46, 252-255.	0.9	11
47	Management and complications associated with treatment of cervical oesophageal perforations in horses. <i>Equine Veterinary Education</i> , 2013, 25, 247-255.	0.3	10
48	Pharmacokinetics of intravenous and intramuscular buprenorphine in the horse. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012, 35, 52-58.	0.6	28
49	Motility of the equine gastrointestinal tract: Physiology and pharmacotherapy. <i>Equine Veterinary Education</i> , 2011, 23, 88-100.	0.3	15
50	Intravenous and sublingual buprenorphine in horses: pharmacokinetics and influence of sampling site. <i>Veterinary Anaesthesia and Analgesia</i> , 2011, 38, 374-384.	0.3	37
51	Update on drugs prohibited from extralabel use in food animals. <i>Journal of the American Veterinary Medical Association</i> , 2009, 235, 528-534.	0.2	75
52	Effects of compounding and storage conditions on stability of pergolide mesylate. <i>Journal of the American Veterinary Medical Association</i> , 2009, 234, 385-389.	0.2	24
53	Effects of the cyclooxygenase inhibitor meloxicam on recovery of ischemia-injured equine jejunum. <i>American Journal of Veterinary Research</i> , 2007, 68, 614-624.	0.3	71
54	Gabapentin for the treatment of neuropathic pain in a pregnant horse. <i>Journal of the American Veterinary Medical Association</i> , 2007, 231, 755-758.	0.2	55

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55	Pharmacokinetics and tissue distribution of enrofloxacin and its active metabolite ciprofloxacin in calves. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2007, 30, 564-571.	0.6	58
56	Pharmacokinetics and tissue distribution of doxycycline after oral administration of single and multiple doses in horses. <i>American Journal of Veterinary Research</i> , 2006, 67, 310-316.	0.3	93
57	The pharmacokinetics of orbifloxacin in the horse following oral and intravenous administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 191-197.	0.6	31
58	Mucosal permeability of water-soluble drugs in the equine jejunum: a preliminary investigation. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 379-385.	0.6	30
59	Pharmacokinetics of voriconazole after oral and intravenous administration to horses. <i>American Journal of Veterinary Research</i> , 2006, 67, 1070-1075.	0.3	44
60	Pharmacokinetics and tissue fluid distribution of cephalexin in the horse after oral and i.v. administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2005, 28, 425-431.	0.6	27
61	Pharmacokinetics and tissue distribution of itraconazole after oral and intravenous administration to horses. <i>American Journal of Veterinary Research</i> , 2005, 66, 1694-1701.	0.3	46
62	Novel approaches to ocular drug delivery. <i>Current Opinion in Molecular Therapeutics</i> , 2004, 6, 195-205.	2.8	35
63	The effect of topical administration of atropine sulfate on the normal equine pupil: influence of age, breed and gender. <i>Veterinary Ophthalmology</i> , 2003, 6, 329-332.	0.6	31
64	Treatment of peritonitis. <i>Veterinary Clinics of North America Equine Practice</i> , 2003, 19, 765-778.	0.3	29
65	Suppurative Cholangiohepatitis and Enteritis in Adult Horses. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 583-587.	0.6	13
66	A Retrospective Analysis of Hepatic Injury in Horses with Proximal Enteritis (1984-2002). <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 896-901.	0.6	23
67	Suppurative cholangiohepatitis and enteritis in adult horses. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 583-7.	0.6	4
68	Congestive heart failure in horses: 14 cases (1984-2001). <i>Journal of the American Veterinary Medical Association</i> , 2002, 220, 1512-1515.	0.2	56
69	Nasal adenocarcinoma with diffuse metastases involving the orbit, cerebrum, and multiple cranial nerves in a horse. <i>Journal of the American Veterinary Medical Association</i> , 2002, 221, 1460-1463.	0.2	51
70	Pharmacokinetics of azithromycin in foals after i.v. and oral dose and disposition into phagocytes. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2002, 25, 99-104.	0.6	59
71	Acute and chronic mineral oil pneumonitis in two horses. <i>Equine Veterinary Education</i> , 2001, 13, 230-234.	0.3	6
72	Effect of splenectomy on exercise-induced pulmonary and systemic hypertension in ponies. <i>American Journal of Veterinary Research</i> , 1988, 49, 1169-72.	0.3	25