

Sherry K Cox

List of Publications by Year in descending order

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107
papers

1,609
citations

331670

21
h-index

414414

32
g-index

109
all docs

109
docs citations

109
times ranked

981
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of intravenous lidocaine, ketamine, and the combination on the minimum alveolar concentration of sevoflurane in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2008, 35, 289-296.	0.6	80
2	Effect of intravenous lidocaine and ketamine on the minimum alveolar concentration of isoflurane in goats. <i>Veterinary Anaesthesia and Analgesia</i> , 2007, 34, 125-131.	0.6	57
3	Pharmacokinetics of orally administered tramadol in domestic rabbits (<i>Oryctolagus cuniculus</i>). <i>American Journal of Veterinary Research</i> , 2008, 69, 979-982.	0.6	52
4	Pharmacokinetics of Intravenous and Oral Tramadol in the Bald Eagle (<i>Haliaeetus leucocephalus</i>). , 2009, 23, 247-252.		51
5	Antinociceptive effects after oral administration of tramadol hydrochloride in Hispaniolan Amazon parrots (<i>Amazona ventralis</i>). <i>American Journal of Veterinary Research</i> , 2012, 73, 1148-1152.	0.6	47
6	Evaluation of Oral Itraconazole Administration in Captive Humboldt Penguins (<i>Spheniscus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td	0.6	45
7	Allometric analysis of ciprofloxacin and enrofloxacin pharmacokinetics across species. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2004, 27, 139-146.	1.3	42
8	Effects of tramadol on the minimum alveolar concentration of sevoflurane in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2009, 36, 334-340.	0.6	41
9	Pharmacokinetics of Tramadol Hydrochloride and its Metabolite O-Desmethyltramadol in Peafowl (<i>Pavo cristatus</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2010, 41, 671-676.	0.6	41
10	The effect of midazolam on the end-tidal concentration of isoflurane necessary to prevent movement in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2011, 38, 195-202.	0.6	41
11	Disposition of firocoxib in equine plasma after an oral loading dose and a multiple dose regimen. <i>Veterinary Journal</i> , 2013, 198, 382-385.	1.7	39
12	CLINICAL INFECTION OF CAPTIVE ASIAN ELEPHANTS (<i>ELEPHAS MAXIMUS</i>) WITH ELEPHANT ENDOTHELIOTROPIC HERPESVIRUS 4. <i>Journal of Zoo and Wildlife Medicine</i> , 2016, 47, 311-318.	0.6	38
13	Effect of intravenous administration of tramadol hydrochloride on the minimum alveolar concentration of isoflurane in rabbits. <i>American Journal of Veterinary Research</i> , 2009, 70, 945-949.	0.6	32
14	Antinociceptive effects of tramadol hydrochloride after intravenous administration to Hispaniolan Amazon parrots (<i>Amazona ventralis</i>). <i>American Journal of Veterinary Research</i> , 2013, 74, 201-206.	0.6	31
15	Pharmacokinetics after oral and intravenous administration of a single dose of tramadol hydrochloride to Hispaniolan Amazon parrots (<i>Amazona ventralis</i>). <i>American Journal of Veterinary Research</i> , 2012, 73, 1142-1147.	0.6	30
16	Pharmacokinetic Disposition of Itraconazole in Red-Tailed Hawks (<i>Buteo jamaicensis</i>). , 2000, 14, 15-22.		28
17	Tramadol Use in Zoologic Medicine. <i>Veterinary Clinics of North America - Exotic Animal Practice</i> , 2011, 14, 117-130.	0.7	28
18	PHARMACOKINETICS OF TRAMADOL AND O-DESMETHYLTRAMADOL IN LOGGERHEAD SEA TURTLES (<i>CARETTA CARETTA</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2015, 46, 262-265.	0.6	27

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19	Pharmacokinetics of a Long-Acting Ceftiofur Formulation (Ceftiofur Crystalline Free Acid) in the Ball Python (<i>Python regius</i>). Journal of Zoo and Wildlife Medicine, 2011, 42, 444-450.	0.6	26
20	Pharmacokinetics of long-acting ceftiofur crystalline-free acid in helmeted guineafowl (<i>Numida</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 1514-1518.	0.6	26
21	The effect of ketamine on the MACBAR of sevoflurane in dogs. Veterinary Anaesthesia and Analgesia, 2011, 38, 292-300.	0.6	25
22	Microassay for determination of itraconazole and hydroxyitraconazole in plasma and tissue biopsies. Biomedical Applications, 1997, 702, 175-180.	1.7	23
23	Determination of oral tramadol pharmacokinetics in horses. Research in Veterinary Science, 2010, 89, 236-241.	1.9	22
24	Determination of Propofol Using High Performance Liquid Chromatography in Whole Blood with Fluorescence Detection. Journal of Chromatographic Science, 2012, 50, 162-166.	1.4	21
25	Pharmacokinetics of Nebulized Terbinafine in Hispaniolan Amazon Parrots (<i>Amazona ventralis</i>), 2012, 26, 161-166.		21
26	Pharmacokinetics of terbinafine after oral administration of a single dose to Hispaniolan Amazon parrots (<i>Amazona ventralis</i>). American Journal of Veterinary Research, 2013, 74, 835-838.	0.6	20
27	Influence of acidifying or alkalinizing diets on bone mineral density and urine relative supersaturation with calcium oxalate and struvite in healthy cats. American Journal of Veterinary Research, 2013, 74, 1347-1352.	0.6	20
28	Pharmacokinetics of topically applied ciprofloxacin in equine tears. Veterinary Ophthalmology, 2007, 10, 344-347.	1.0	19
29	High-Performance Liquid Chromatography Determination of Meloxicam and Piroxicam with Ultraviolet Detection. Chromatography Research International, 2014, 2014, 1-7.	0.4	19
30	PHARMACOKINETICS OF TRAMADOL AND ITS PRIMARY METABOLITE O-DESMETHYLTRAMADOL IN AFRICAN PENGUINS (<i>SPHENISCUS DEMERSUS</i>). Journal of Zoo and Wildlife Medicine, 2014, 45, 93-99.	0.6	19
31	Pharmacokinetics of repeated oral administration of tramadol hydrochloride in Hispaniolan Amazon parrots (<i>Amazona ventralis</i>). American Journal of Veterinary Research, 2013, 74, 957-962.	0.6	18
32	Pharmacokinetics of Compounded Intravenous and Oral Gabapentin in Hispaniolan Amazon Parrots (<i>Amazona ventralis</i>). Journal of Avian Medicine and Surgery, 2015, 29, 165-173.	0.5	18
33	Pharmacokinetics of subcutaneous versus intramuscular administration of ceftiofur crystalline-free acid to bearded dragons (<i>Pogona vitticeps</i>). American Journal of Veterinary Research, 2014, 75, 453-459.	0.6	17
34	PHARMACOKINETICS OF CEFOVECIN (CONVENIA®) IN WHITE BAMBOO SHARKS (<i>CHILOSCYLLIUM</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Wildlife Medicine, 2014, 45, 389-392.	0.6	17
35	Determination of adriamycin in plasma and tissue biopsies. Biomedical Applications, 1991, 564, 322-329.	1.7	16
36	Determination of carboplatin in canine plasma by high-performance liquid chromatography. Biomedical Chromatography, 2010, 24, 908-913.	1.7	16

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37	Pharmacokinetics of a Single Dose of Oral and Intramuscular Meloxicam in African Penguins (<i>Spheniscus demersus</i>). <i>Journal of Avian Medicine and Surgery</i> , 2018, 32, 102-108.	0.5	16
38	Effects of ketamine and magnesium on the minimum alveolar concentration of isoflurane in goats. <i>American Journal of Veterinary Research</i> , 2006, 67, 1962-1966.	0.6	15
39	Pharmacokinetics of intravenous and intramuscular tramadol in llamas. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2011, 34, 259-264.	1.3	15
40	Pharmacokinetics and Egg Residues of Meloxicam After Multiple Day Oral Dosing in Domestic Chickens. <i>Journal of Avian Medicine and Surgery</i> , 2018, 32, 8-12.	0.5	15
41	Allometric scaling of marbofloxacin, moxifloxacin, danofloxacin and difloxacin pharmacokinetics: a retrospective analysis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2007, 30, 381-386.	1.3	14
42	PHARMACOKINETICS OF CEFTIOFUR CRYSTALLINE FREE ACID, A LONG-ACTING CEPHALOSPORIN, IN AMERICAN FLAMINGOS (<i>PHOENICOPTERUS RUBER</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2016, 47, 457-462.	0.6	14
43	Evaluation of plasma diazepam and nordiazepam concentrations following administration of diazepam intravenously or via suppository per rectum in dogs. <i>American Journal of Veterinary Research</i> , 2013, 74, 611-615.	0.6	13
44	Determining Terbinafine in Plasma and Saline Using HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 607-612.	1.0	13
45	Pharmacokinetics and safety of ceftiofur crystalline free acid in New Zealand White rabbits (<i>Oryctolagus cuniculus</i>). <i>American Journal of Veterinary Research</i> , 2017, 78, 796-803.	0.6	13
46	Determination of deracoxib in feline plasma samples using high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 819, 181-184.	2.3	12
47	LC Determination of Tramadol, M1, M2, M4, and M5 in Plasma. <i>Chromatographia</i> , 2010, 71, 523-527.	1.3	12
48	Effect of fentanyl and lidocaine on the end-tidal sevoflurane concentration preventing motor movement in dogs. <i>American Journal of Veterinary Research</i> , 2017, 78, 12-16.	0.6	12
49	Effect of dexmedetomidine on the minimum infusion rate of propofol preventing movement in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2017, 44, 1287-1295.	0.6	12
50	Pharmacokinetics of subcutaneously administered hydromorphone in bearded dragons (<i>Pogona</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 20 Analgesia, 2019, 46, 352-359.	0.6	12
51	Breed differences in the pharmacokinetics of orally administered meloxicam in domestic chickens (<i>Gallus domesticus</i>). <i>Journal of the American Veterinary Medical Association</i> , 2021, 259, 84-87.	0.5	12
52	Disposition of Deracoxib in Cats After Oral Administration. <i>Journal of the American Animal Hospital Association</i> , 2006, 42, 212-217.	1.1	11
53	Pharmacokinetics of topically applied ciprofloxacin in tears of mesocephalic and brachycephalic dogs. <i>Veterinary Ophthalmology</i> , 2008, 11, 7-10.	1.0	11
54	Bioencapsulation of Metronidazole in Adult Brine Shrimp (<i>Artemia</i> sp.). <i>Journal of Zoo and Wildlife Medicine</i> , 2011, 42, 241-246.	0.6	11

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55	Effect of fentanyl on the induction dose and minimum infusion rate of propofol preventing movement in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2017, 44, 727-737.	0.6	11
56	Tear, cornea, and aqueous humor concentrations of ciprofloxacin and moxifloxacin after topical ocular application in ophthalmologically normal horses. <i>American Journal of Veterinary Research</i> , 2011, 72, 398-403.	0.6	10
57	Pharmacokinetics of firocoxib and its interaction with enrofloxacin in horses. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012, 35, 615-617.	1.3	10
58	Effect of ketamine on the minimum infusion rate of propofol needed to prevent motor movement in dogs. <i>American Journal of Veterinary Research</i> , 2015, 76, 1022-1030.	0.6	10
59	Pharmacokinetics of moxidectin in alpacas following administration of an oral or subcutaneous formulation. <i>Research in Veterinary Science</i> , 2016, 105, 160-164.	1.9	10
60	Determination of ceftazidime in plasma by RP-HPLC and ultraviolet detection. <i>Biomedical Chromatography</i> , 2021, 35, e5104.	1.7	10
61	PHARMACOKINETICS OF A SUSTAINED-RELEASE FORMULATION OF MELOXICAM AFTER SUBCUTANEOUS ADMINISTRATION TO AMERICAN FLAMINGOS (<i>PHOENICOPTERUS RUBER</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2018, 49, 839.	0.6	10
62	Pharmacokinetics of lidocaine after intravenous administration to cows. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012, 35, 305-308.	1.3	9
63	Pharmacokinetics of Metronidazole in the Green Iguana, <i>Iguana iguana</i> . <i>Bulletin of the Association of Reptilian and Amphibian Veterinarians</i> , 1998, 8, 4-7.	0.1	9
64	Determination of firocoxib in equine plasma using high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 205-208.	2.3	8
65	Development of a method for the determination of cefovecin in plasma by HPLC. <i>Biomedical Chromatography</i> , 2014, 28, 1126-1130.	1.7	8
66	Pharmacokinetics of intravenous and subcutaneous cefovecin in alpacas. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 344-349.	1.3	8
67	Evaluation of an osmotic pump for fentanyl administration in cats as a model for nondomestic felids. <i>American Journal of Veterinary Research</i> , 2009, 70, 950-955.	0.6	7
68	Bioencapsulation of Fenbendazole in Adult Artemia. <i>Journal of Exotic Pet Medicine</i> , 2012, 21, 207-212.	0.4	7
69	Plasma Concentrations of Itraconazole, Voriconazole, and Terbinafine When Delivered by an Impregnated, Subcutaneous Implant in Japanese Quail (<i>Coturnix japonica</i>). <i>Journal of Avian Medicine and Surgery</i> , 2017, 31, 117-122.	0.5	7
70	Pharmacokinetics of a Single Intramuscular Injection of Long-Acting Ceftiofur Crystalline-Free Acid in Cattle Egrets (<i>Bubulcus ibis</i>). <i>Journal of Avian Medicine and Surgery</i> , 2017, 31, 314-318.	0.5	7
71	Determination of grapiprant plasma and urine concentrations in horses. <i>Veterinary Anaesthesia and Analgesia</i> , 2020, 47, 705-709.	0.6	7
72	Pharmacokinetics of Pantoprazole and Pantoprazole Sulfone in Goats After Intravenous Administration: A Preliminary Report. <i>Frontiers in Veterinary Science</i> , 2021, 8, 744813.	2.2	7

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73	Monoethylglycinexylidide and lidocaine determination in porcine microsomal preparations. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 801-804.	2.8	6
74	DETERMINATION OF METRONIDAZOLE IN ADULT ARTEMIA USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2009, 33, 89-96.	1.0	6
75	Determination of Meloxicam in Egg Whites and Yolks Using Reverse Phase Chromatography. Journal of Chromatographic Science, 2017, 55, 610-616.	1.4	6
76	PHARMACOKINETIC BEHAVIOR OF MELOXICAM IN LOGGERHEAD (CARETTA CARETTA), KEMP'S RIDLEY (LEPIDOCHELYS KEMPII), AND GREEN (CHELONIA MYDAS) SEA TURTLES AFTER SUBCUTANEOUS ADMINISTRATION. Journal of Zoo and Wildlife Medicine, 2021, 52, 295-299.	0.6	6
77	Single-dose pharmacokinetics of orally administered terbinafine in bearded dragons (Pogona) Veterinary Research, 2021, , 1-8.	0.6	6
78	Determination of cefoxitin in serum and tissue. Biomedical Applications, 1998, 705, 145-148.	1.7	5
79	Determination of 6-hydroxychlorzoxazone and chlorzoxazone in porcine microsome samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 784, 111-116.	2.3	5
80	Development of a method for the determination of hydromorphone in plasma by LC-MS. Biomedical Chromatography, 2018, 32, e4357.	1.7	5
81	Validation of a method for pantoprazole and its sulfone metabolite in goat plasma using high performance liquid chromatography. Journal of Chromatography Open, 2022, 2, 100038.	2.2	5
82	The relationship between obesity and markers of oxidative stress in dogs. Journal of Animal Physiology and Animal Nutrition, 2009, 93, 141-142.	2.2	4
83	Evaluation of the sedative effects and pharmacokinetics of detomidine gel administered intravaginally to horses. Veterinary Anaesthesia and Analgesia, 2019, 46, 772-779.	0.6	4
84	Pharmacokinetics of midazolam in sevoflurane-anesthetized cats. Veterinary Anaesthesia and Analgesia, 2020, 47, 200-209.	0.6	4
85	Pharmacokinetics of a Single Intramuscular Injection of Ceftiofur Crystalline Free Acid in Bald Eagles (Haliaeetus leucocephalus). , 2021, 35, 290-294.		4
86	The influence of storage time and temperature on propofol concentrations in canine blood and plasma. PeerJ, 2017, 5, e3476.	2.0	4
87	Multi-Injection Pharmacokinetics of Meloxicam in Kemp's Ridley (Lepidochelys kempii) and Green (Chelonia mydas) Sea Turtles after Subcutaneous Administration. Animals, 2021, 11, 3522.	2.3	4
88	Determination of bromide in canine plasma using ion chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 870, 255-258.	2.3	3
89	PHARMACOKINETICS OF TRAMADOL HYDROCHLORIDE AND ITS METABOLITE O-DESMETHYLTRAMADOL FOLLOWING A SINGLE, ORALLY ADMINISTERED DOSE IN CALIFORNIA SEA LIONS (ZALOPHUS)		
90	Effects of magnesium sulfate and propofol on the minimum alveolar concentration preventing motor movement in sevoflurane-anesthetized dogs. American Journal of Veterinary Research, 2016, 77, 575-581.	0.6	3

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91	Evaluation of three herbal compounds used for the management of lower urinary tract disease in healthy cats: a pilot study. <i>Journal of Feline Medicine and Surgery</i> , 2018, 20, 1094-1099.	1.6	3
92	Determination of Thiafentanil in Plasma Using LC-MS. <i>Journal of Chromatographic Science</i> , 2020, 58, 1-4.	1.4	3
93	Bioanalytical HPLC method for the determination of ponazuril in plasma. <i>Biomedical Chromatography</i> , 2021, 35, e5210.	1.7	3
94	Pharmacokinetics of Nebulized Terbinafine in Plasma and Keratin of Northwestern Pond Turtles (<i>Actinemys marmorata</i>) Associated with Emydomycosis. <i>Journal of Herpetological Medicine and Surgery</i> , 2022, 32, .	0.4	3
95	Prolonged Anesthetic Recovery after Continuous Infusion of Midazolam in 2 Domestic Cats (<i>Felis tigris</i>). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2022, 45, 229-234.	1.0	2
96	Pharmacokinetics of ceftazidime in Northern leopard frogs (<i>Lithobates pipiens</i>) at two different doses and administration routes. <i>American Journal of Veterinary Research</i> , 2021, 82, 560-565.	0.6	2
97	The anesthetic interaction of propofol and sevoflurane on the minimum alveolar concentration preventing motor movement (MACNM) in dogs. <i>Canadian Journal of Veterinary Research</i> , 2015, 79, 95-100.	0.2	2
98	Pharmacokinetics of orally administered single-dose ponazuril in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2022, 45, 229-234.	1.3	2
99	High-performance liquid chromatographic determination of intrathecally administered [d-Ala ² -d-Leu ⁵]-enkephalin concentrations in canine cerebrospinal fluid. <i>Biomedical Applications</i> , 1994, 657, 243-247.	1.7	1
100	Determination of Acetaminophen and Phenacetin in Porcine Microsomal Samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 925-935.	1.0	1
101	DETERMINATION OF BUTORPHANOL USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY IN SMALL VOLUME PLASMA SAMPLES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1270-1277.	1.0	1
102	Tear film concentrations of topically applied 0.5% oxytetracycline ointment in normal canine eyes. <i>Veterinary Ophthalmology</i> , 2020, 23, 707-713.	1.0	1
103	Pharmacokinetics of Single-bolus Subcutaneous Cefovecin in C57BL/6 Mice. <i>Journal of the American Association for Laboratory Animal Science</i> , 2017, 56, 558-561.	1.2	1
104	DETERMINATION OF FENBENDAZOLE IN ADULT <i>ARTEMIA</i> USING REVERSE-PHASE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 1536-1545.	1.0	0
105	EFFICACY OF SUBCUTANEOUS IMPLANTS TO PROVIDE CONTINUOUS PLASMA TERBINAFINE IN HELLBENDERS (<i>CRYPTOBRANCHUS ALLEGANIENSIS</i>) FOR FUTURE PROPHYLACTIC USE AGAINST CHYTRIDIOMYCOSIS. <i>Journal of Zoo and Wildlife Medicine</i> , 2021, 52, 300-305.	0.6	0
106	The influence of storage time on ponazuril concentrations in feline plasma. <i>PeerJ</i> , 2021, 9, e12516.	2.0	0
107	The pharmacokinetics and pharmacodynamics of midazolam after intravenous administration to donkeys .. <i>Canadian Journal of Veterinary Research</i> , 2022, 86, 125-131.	0.2	0