Pierre-Louis Toutain

List of Publications by Year
in descending order

277	9,084	47006 47	62596 80
papers	citations	h-index	g-index

286	286	286	6787
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The pharmacokineticâ€“pharmacodynamic approach to a rational dosage regimen for antibiotics. Research in Veterinary Science, 2002, 73, 105-114.	1.9	336
2	Plasma terminal half-life. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 427-439.	1.3	253
3	Plasma clearance. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 415-425.	1.3	249
4	Similarity of Bisphenol A Pharmacokinetics in Rhesus Monkeys and Mice: Relevance for Human Exposure. Environmental Health Perspectives, 2011, 119, 422-430.	6.0	242
5	Bioavailability and its assessment. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 455-466.	1.3	239
6	Pharmacodynamics and pharmacokinetics of nonsteroidal anti-inflammatory drugs in species of veterinary interest. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 479-490.	1.3	238
7	Volumes of distribution. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 441-453.	1.3	187
8	Species Differences in Pharmacokinetics and Pharmacodynamics. Handbook of Experimental Pharmacology, 2010, , 19-48.	1.8	182
9	Integration and modelling of pharmacokinetic and pharmacodynamic data to optimize dosage regimens in veterinary medicine. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 467-477.	1.3	172
10	Holding Thermal Receipt Paper and Eating Food after Using Hand Sanitizer Results in High Serum Bioactive and Urine Total Levels of Bisphenol A (BPA). PLoS ONE, 2014, 9, e110509.	2.5	163
11	The pharmacokinetics of xylazine hydrochloride: an interspecific study. Journal of Veterinary Pharmacology and Therapeutics, 1981, 4, 87-92.	1.3	148
12	En Route towards European Clinical Breakpoints for Veterinary Antimicrobial Susceptibility Testing: A Position Paper Explaining the VetCAST Approach. Frontiers in Microbiology, 2017, 8, 2344.	3.5	122
13	Free drug fraction vs. free drug concentration: a matter of frequent confusion. Journal of Veterinary Pharmacology and Therapeutics, 2002, 25, 460-463.	1.3	118
14	Should oral gavage be abandoned in toxicity testing of endocrine disruptors?. Environmental Health, 2014, 13, 46.	4.0	114
15	Intestinal Secretion Is a Major Route for Parent Ivermectin Elimination in the Rat. Drug Metabolism and Disposition, 2002, 30, 626-630.	3.3	102
16	Comparative pharmacokinetics of doramectin and ivermectin in cattle. Veterinary Parasitology, 1997, 72, 3-8.	1.8	101
17	Pharmacokinetic-pharmacodynamic relationships and dose response to meloxicam in horses with induced arthritis in the right carpal joint. American Journal of Veterinary Research, 2004, 65, 1533-1541.	0.6	95
18	Plasma concentrations and therapeutic efficacy of phenylbutazone and flunixin meglumine in the horse: pharmacokinetic/pharmacodynamic modelling. Journal of Veterinary Pharmacology and Therapeutics, 1994, 17, 459-469.	1.3	93

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19	Fipronil-induced disruption of thyroid function in rats is mediated by increased total and free thyroxine clearances concomitantly to increased activity of hepatic enzymes. Toxicology, 2009, 255, 38-44.	4.2	91
20	PK-PD integration and PK-PD modelling of nonsteroidal anti-inflammatory drugs: principles and applications in veterinary pharmacology. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 491-502.	1.3	89
21	Comparison of pharmacokinetic profiles of doramectin and ivermectin pour-on formulations in cattle. Veterinary Parasitology, 1999, 81, 47-55.	1.8	84
22	Impact of Three Ampicillin Dosage Regimens on Selection of Ampicillin Resistance in Enterobacteriaceae and Excretion of bla TEM Genes in Swine Feces. Applied and Environmental Microbiology, 2007, 73, 4785-4790.	3.1	84
23	Pharmacokinetic/pharmacodynamic integration in drug development and dosage-regimen optimization for veterinary medicine. AAPS PharmSci, 2002, 4, 160-188.	1.3	83
24	Comparison of Serum Bisphenol A Concentrations in Mice Exposed to Bisphenol A through the Diet versus Oral Bolus Exposure. Environmental Health Perspectives, 2011, 119, 1260-1265.	6.0	83
25	High Bioavailability of Bisphenol A from Sublingual Exposure. Environmental Health Perspectives, 2013, 121, 951-956.	6.0	83
26	Creatine kinase in the dog: A review. Veterinary Research Communications, 1993, 17, 353-369.	1.6	82
27	Licking behaviour and environmental contamination arising from pour-on ivermectin for cattle. International Journal for Parasitology, 2001, 31, 1687-1692.	3.1	82
28	Pharmacokinetic/pharmacodynamic modelling of NSAIDs in a model of reversible inflammation in the cat. British Journal of Pharmacology, 2005, 146, 642-653.	5.4	79
29	AUC/MIC: a PK/PD index for antibiotics with a time dimension or simply a dimensionless scoring factor?. Journal of Antimicrobial Chemotherapy, 2007, 60, 1185-1188.	3.0	70
30	Mathematical modeling and simulation in animal health. Part <scp>III</scp>: Using nonlinear mixedâ€effects to characterize and quantify variability in drug pharmacokinetics. Journal of Veterinary Pharmacology and Therapeutics, 2018, 41, 171-183.	1.3	67
31	Interspecies variations of corticosteroid-binding globulin parameters. Domestic Animal Endocrinology, 1996, 13, 35-45.	1.6	64
32	Pharmacokinetics of meloxicam in plasma and urine of horses. American Journal of Veterinary Research, 2004, 65, 1542-1547.	0.6	63
33	Pharmacokinetic/pharmacodynamic approach to assess irrelevant plasma or urine drug concentrations in postcompetition samples for drug control in the horse. Equine Veterinary Journal, 2010, 34, 242-249.	1.7	60
34	Oral Systemic Bioavailability of Bisphenol A and Bisphenol S in Pigs. Environmental Health Perspectives, 2019, 127, 77005.	6.0	60
35	Preclinical pharmacology of robenacoxib: a novel selective inhibitor of cyclooxygenaseâ€2. Journal of Veterinary Pharmacology and Therapeutics, 2009, 32, 1-17.	1.3	59
36	Veterinary Medicine Needs New Green Antimicrobial Drugs. Frontiers in Microbiology, 2016, 7, 1196.	3.5	56

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37	Angiotensin-Converting Enzyme Inhibitors in Veterinary Medicine. Current Pharmaceutical Design, 2007, 13, 1347-1361.	1.9	54
38	Bidirectional placental transfer of Bisphenol A and its main metabolite, Bisphenol A-Glucuronide, in the isolated perfused human placenta. Reproductive Toxicology, 2014, 47, 51-58.	2.9	54
39	A Comprehensive Model for Enrofloxacin to Ciprofloxacin Transformation and Disposition in Dog. Journal of Pharmaceutical Sciences, 1997, 86, 1148-1155.	3.3	53
40	A pharmacokinetic/pharmacodynamic approach vs. a dose titration for the determination of a dosage regimen: the case of nimesulide, a Cox-2 selective nonsteroidal anti-inflammatory drug in the dog. Journal of Veterinary Pharmacology and Therapeutics, 2001, 24, 43-55.	1.3	53
41	Simultaneous quantification of bisphenol A and its glucuronide metabolite (BPA-G) in plasma and urine: Applicability to toxicokinetic investigations. Talanta, 2011, 85, 2053-2059.	5.5	53
42	Bisphenol A (BPA) pharmacokinetics with daily oral bolus or continuous exposure via silastic capsules in pregnant rhesus monkeys: Relevance for human exposures. Reproductive Toxicology, 2014, 45, 105-116.	2.9	53
43	Endectocide exchanges between grazing cattle after pour-on administration of doramectin, ivermectin and moxidectin. International Journal for Parasitology, 2004, 34, 1299-1307.	3.1	52
44	Kinetic and insecticidal properties of ivermectin residues in the milk of dairy cows. Journal of Veterinary Pharmacology and Therapeutics, 1988, 11, 288-291.	1.3	51
45	Pharmacokinetics, pharmacodynamics, metabolism, toxicology and residues of phenylbutazone in humans and horses. Veterinary Journal, 2013, 196, 294-303.	1.7	51
46	Measurement of glomerular filtration rate and effective renal plasma flow in the conscious beagle dog by single intravenous bolus of iohexol and p-aminohippuric acid. Journal of Pharmacological and Toxicological Methods, 1999, 41, 17-25.	0.7	50
47	Bisphenol A glucuronide deconjugation is a determining factor of fetal exposure to bisphenol A. Environment International, 2016, 86, 52-59.	10.0	49
48	Synovial fluid and plasma kinetics of methylprednisolone and methylprednisolone acetate in horses following intraâ€articular administration of methylprednisolone acetate. Equine Veterinary Journal, 1986, 18, 193-198.	1.7	47
49	Use of a pharmacokinetic/pharmacodynamic approach in the cat to determine a dosage regimen for the COXâ€2 selective drug robenacoxib. Journal of Veterinary Pharmacology and Therapeutics, 2009, 32, 18-30.	1.3	47
50	Differential inhibition of cyclooxygenase isoenzymes in the cat by the NSAID robenacoxib. Journal of Veterinary Pharmacology and Therapeutics, 2009, 32, 31-40.	1.3	47
51	Pharmacokinetics of marbofloxacin in horses. Equine Veterinary Journal, 2010, 34, 366-372.	1.7	47
52	Standard <scp>PK</scp>/<scp>PD</scp> concepts can be applied to determine a dosage regimen for a macrolide: the case of tulathromycin in the calf. Journal of Veterinary Pharmacology and Therapeutics, 2017, 40, 16-27.	1.3	47
53	Pharmacokinetics of oxytetracycline in young cattle: comparison of conventional vs long-acting formulations. American Journal of Veterinary Research, 1983, 44, 1203-9.	0.6	47
54	A pharmacokinetic model to document the actual disposition of topical ivermectin in cattle. Veterinary Research, 2003, 34, 445-460.	3.0	46

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55	Pharmacokinetic profile and in vitro selective cyclooxygenase-2 inhibition by nimesulide in the dog. Journal of Veterinary Pharmacology and Therapeutics, 2001, 24, 35-42.	1.3	45
56	Development of in vitro assays for the evaluation of cyclooxygenase inhibitors and predicting selectivity of nonsteroidal anti-inflammatory drugs in cats. American Journal of Veterinary Research, 2005, 66, 700-709.	0.6	45
57	Persistence and prevalence of pathogenic and extended-spectrum beta-lactamase-producing Escherichia coli in municipal wastewater treatment plant receiving slaughterhouse wastewater. Water Research, 2013, 47, 4719-4729.	11.3	45
58	Impact of early versus later fluoroquinolone treatment on the clinical; microbiological and resistance outcomes in a mouse-lung model of Pasteurella multocida infection. Veterinary Microbiology, 2011, 148, 292-297.	1.9	44
59	Optimizing ciprofloxacin dosing in intensive care unit patients through the use of population pharmacokinetic-pharmacodynamic analysis and Monte Carlo simulations. Journal of Antimicrobial Chemotherapy, 2011, 66, 1798-1809.	3.0	44
60	Conjugation and Deconjugation Reactions within the Fetoplacental Compartment in a Sheep Model: A Key Factor Determining Bisphenol A Fetal Exposure. Drug Metabolism and Disposition, 2015, 43, 467-476.	3.3	44
61	Toxicokinetics of bisphenol-S and its glucuronide in plasma and urine following oral and dermal exposure in volunteers for the interpretation of biomonitoring data. Environment International, 2020, 138, 105644.	10.0	44
62	Simultaneous Determination of Corticosterone, Hydrocortisone, and Dexamethasone in Dog Plasma Using High Performance Liquid Chromatography. Journal of Pharmaceutical Sciences, 1982, 71, 816-818.	3.3	43
63	Pharmacokinetics and pharmacokinetic/pharmacodynamic relationships for angiotensin-converting enzyme inhibitors. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 515-525.	1.3	42
64	Pharmacokinetic/Pharmacodynamic Analysis of the Influence of Inoculum Size on the Selection of Resistance in Escherichia coli by a Quinolone in a Mouse Thigh Bacterial Infection Model. Antimicrobial Agents and Chemotherapy, 2009, 53, 3384-3390.	3.2	42
65	Quantification of fipronil and its metabolite fipronil sulfone in rat plasma over a wide range of concentrations by LC/UV/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 1934-1938.	2.3	42
66	Optimization of Antimicrobial Treatment to Minimize Resistance Selection. Microbiology Spectrum, 2018, 6, .	3.0	42
67	The pharmacokinetic/pharmacodynamic paradigm for antimicrobial drugs in veterinary medicine: Recent advances and critical appraisal. Journal of Veterinary Pharmacology and Therapeutics, 2021, 44, 172-200.	1.3	42
68	Plasma Exogenous Creatinine Clearance Test in Dogs: Comparison with Other Methods and Proposed Limited Sampling Strategy. Journal of Veterinary Internal Medicine, 2002, 16, 22.	1.6	42
69	Influence of Inoculum Size and Marbofloxacin Plasma Exposure on the Amplification of Resistant Subpopulations of Klebsiella pneumoniae in a Rat Lung Infection Model. Antimicrobial Agents and Chemotherapy, 2009, 53, 4740-4748.	3.2	41
70	Small bowel motility and colonic transit are altered in dogs with moderate renal failure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R230-R238.	1.8	40
71	Bisphenol A Disposition in the Sheep Maternal-Placental-Fetal Unit: Mechanisms Determining Fetal Internal Exposure1. Biology of Reproduction, 2013, 89, 11.	2.7	40
72	Disposition of creatine kinase activity in dog plasma following intravenous and intramuscular injection of skeletal muscle homogenates. Journal of Veterinary Pharmacology and Therapeutics, 1995, 18, 1-6.	1.3	39

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73	Effect of experimental renal impairment on disposition of marbofloxacin and its metabolites in the dog. Journal of Veterinary Pharmacology and Therapeutics, 1998, 21, 453-461.	1.3	39
74	Generation and processing of urinary and plasmatic metabolomic fingerprints to reveal an illegal administration of recombinant equine growth hormone from LC-HRMS measurements. Metabolomics, 2011, 7, 84-93.	3.0	39
75	A history of antimicrobial drugs in animals: Evolution and revolution. Journal of Veterinary Pharmacology and Therapeutics, 2021, 44, 137-171.	1.3	39
76	Sleep and activity, age and fatness, and the energy expenditure of confined sheep. British Journal of Nutrition, 1977, 38, 445-454.	2.3	38
77	Ketoprofen in piglets: enantioselective pharmacokinetics, pharmacodynamics and PK/PD modelling. Journal of Veterinary Pharmacology and Therapeutics, 2011, 34, 338-349.	1.3	38
78	A nonâ€invasive and quantitative method for the study of tissue injury caused by intramuscular injection of drugs in horses. Journal of Veterinary Pharmacology and Therapeutics, 1995, 18, 226-235.	1.3	37
79	The withdrawal time estimation of veterinary drugs revisited. Journal of Veterinary Pharmacology and Therapeutics, 1997, 20, 380-386.	1.3	37
80	Low or High Doses of Cefquinome Targeting Low or High Bacterial Inocula Cure Klebsiella pneumoniae Lung Infections but Differentially Impact the Levels of Antibiotic Resistance in Fecal Flora. Antimicrobial Agents and Chemotherapy, 2014, 58, 1744-1748.	3.2	37
81	Bisphenol S instead of Bisphenol A: Toxicokinetic investigations in the ovine materno-feto-placental unit. Environment International, 2018, 120, 584-592.	10.0	37
82	Angiotensin-converting enzyme inhibitors in the therapy of renal diseases. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 265-281.	1.3	36
83	Diurnal and episodic variations of plasma hydrocortisone concentrations in horses. Domestic Animal Endocrinology, 1988, 5, 55-59.	1.6	34
84	A possible pharmacological explanation for quinacrine failure to treat prion diseases: pharmacokinetic investigations in a ovine model of scrapie. British Journal of Pharmacology, 2005, 144, 386-393.	5.4	34
85	Influence of Inoculum Size on the Selection of Resistant Mutants of Escherichia coli in Relation to Mutant Prevention Concentrations of Marbofloxacin. Antimicrobial Agents and Chemotherapy, 2007, 51, 4163-4166.	3.2	34
86	LevothyroxÂ® New and Old Formulations: Are they Switchable for Millions of Patients?. Clinical Pharmacokinetics, 2019, 58, 827-833.	3.5	34
87	Circadian profile and production rate of melatonin in the cow. Domestic Animal Endocrinology, 1990, 7, 315-322.	1.6	33
88	Contribution of lymphatic transport to the systemic exposure of orally administered moxidectin in conscious lymph duct-cannulated dogs. European Journal of Pharmaceutical Sciences, 2006, 27, 37-43.	4.0	33
89	Development and validation of a new model of inflammation in the cat and selection of surrogate endpoints for testing anti-inflammatory drugs. Journal of Veterinary Pharmacology and Therapeutics, 2005, 28, 275-285.	1.3	32
90	Longitudinal Analysis of Gene Expression in Porcine Skeletal Muscle After Post-Injection Local Injury. Pharmaceutical Research, 2007, 24, 1480-1489.	3.5	32

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91	Relatedness of Escherichia coli Strains with Different Susceptibility Phenotypes Isolated from Swine Feces during Ampicillin Treatment. Applied and Environmental Microbiology, 2009, 75, 2999-3006.	3.1	32
92	Pharmacokinetic/pharmacodynamic integration and modelling of amoxicillin for the calf pathogens Mannheimia haemolytica and Pasteurella multocida. Journal of Veterinary Pharmacology and Therapeutics, 2015, 38, 457-470.	1.3	32
93	Should licking behavior be considered in the bioavailability evaluation of transdermal products?. Journal of Veterinary Pharmacology and Therapeutics, 2012, 35, 39-43.	1.3	31
94	Maternal and Fetal Exposure to Bisphenol A Is Associated with Alterations of Thyroid Function in Pregnant Ewes and Their Newborn Lambs. Endocrinology, 2013, 154, 521-528.	2.8	31
95	The withdrawal time estimation of veterinary drugs: a nonâ€parametric approach. Journal of Veterinary Pharmacology and Therapeutics, 1997, 20, 374-379.	1.3	30
96	Pharmacokinetic and pharmacodynamic modelling of marbofloxacin administered alone and in combination with tolfenamic acid in calves. Journal of Veterinary Pharmacology and Therapeutics, 2011, 34, 376-387.	1.3	30
97	Is bisphenol S a safer alternative to bisphenol A in terms of potential fetal exposure ? Placental transfer across the perfused human placenta. Chemosphere, 2019, 221, 471-478.	8.2	30
98	Licking behaviour induces partial anthelmintic efficacy of ivermectin pour-on formulation in untreated cattle. International Journal for Parasitology, 2011, 41, 563-569.	3.1	29
99	Creatine kinase in dog plasma: preanalytical factors of variation, reference values and diagnostic significance. Research in Veterinary Science, 1994, 56, 30-36.	1.9	28
100	Use of Monte Carlo simulation to determine pharmacodynamic cutoffs of amoxicillin to establish a breakpoint for antimicrobial susceptibility testing in pigs. American Journal of Veterinary Research, 2014, 75, 124-131.	0.6	28
101	Exposure variability of fosfomycin administered to pigs in food or water: Impact of social rank. Research in Veterinary Science, 2014, 96, 153-159.	1.9	28
102	Diagnostic microbiology in veterinary dermatology: present and future. Veterinary Dermatology, 2017, 28, 146.	1.2	28
103	VetCAST Method for Determination of the Pharmacokinetic-Pharmacodynamic Cut-Off Values of a Long-Acting Formulation of Florfenicol to Support Clinical Breakpoints for Florfenicol Antimicrobial Susceptibility Testing in Cattle. Frontiers in Microbiology, 2019, 10, 1310.	3.5	28
104	Is the mechanisms of fipronil-induced thyroid disruption specific of the rat: Re-evaluation of fipronil thyroid toxicity in sheep?. Toxicology Letters, 2010, 194, 51-57.	0.8	27
105	Veterinary Medicines and Competition Animals: The Question of Medication Versus Doping Control. Handbook of Experimental Pharmacology, 2010, , 315-339.	1.8	27
106	Paw Inflammation Model in Dogs for Preclinical Pharmacokinetic/Pharmacodynamic Investigations of Nonsteroidal Anti-Inflammatory Drugs. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 548-558.	2.5	27
107	Pharmacokinetic/pharmacodynamic modelling of robenacoxib in a feline tissue cage model of inflammation. Journal of Veterinary Pharmacology and Therapeutics, 2012, 35, 19-32.	1.3	27
108	A nonlabeled method to evaluate cortisol production rate by modeling plasma CBG-free cortisol disposition. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E946-E956.	3.5	26

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109	Veterinary drug bioequivalence determination. Journal of Veterinary Pharmacology and Therapeutics, 1997, 20, 79-90.	1.3	25
110	In vitro Degradation of Antimicrobials during Use of Broth Microdilution Method Can Increase the Measured Minimal Inhibitory and Minimal Bactericidal Concentrations. Frontiers in Microbiology, 2016, 7, 2051.	3.5	25
111	Population pharmacokinetics of marbofloxacin in aqueous humor after intravenous administration in dogs. American Journal of Veterinary Research, 2003, 64, 889-893.	0.6	24
112	How to extrapolate a withdrawal time from an EHSLC published detection time: A Monte Carlo simulation appraisal. Equine Veterinary Journal, 2010, 42, 248-254.	1.7	24
113	Pharmacokinetic/pharmacodynamic assessment of the effects of parenteral administration of a fluoroquinolone on the intestinal microbiota: Comparison of bactericidal activity at the gut versus the systemic level in a pig model. International Journal of Antimicrobial Agents, 2013, 42, 429-435.	2.5	24
114	In vivo quantification of muscle damage in dogs after intramuscular administration of drugs. British Veterinary Journal, 1995, 151, 189-196.	0.5	23
115	Estrogenicity of Bisphenol A: A Concentration-Effect Relationship on Luteinizing Hormone Secretion in a Sensitive Model of Prepubertal Lamb. Toxicological Sciences, 2010, 117, 54-62.	3.1	23
116	Development of an on-line solid phase extraction ultra-high-performance liquid chromatography technique coupled to tandem mass spectrometry for quantification of bisphenol S and bisphenol S glucuronide: Applicability to toxicokinetic investigations. Journal of Chromatography A, 2017, 1526, 39-46.	3.7	23
117	Spontaneous motility of the cervix in cyclic and ovariectomized ewes and changes induced by exogenous hormones. Reproduction, 1982, 66, 317-326.	2.6	22
118	In Vivo Pharmacological Characterization of Alpha Adrenergic Receptors in Sheep Myometrium and their Physiological Meaning1. Biology of Reproduction, 1987, 37, 241-248.	2.7	22
119	Instantaneous Secretion Rate of Growth Hormone in Lambs: Relationships with Sleep, Food Intake, and Posture*. Endocrinology, 1989, 125, 642-651.	2.8	22
120	Cortisol disposition and production rate in horses during rest and exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1996, 271, R25-R33.	1.8	22
121	The Adrenocorticotropin Stimulation Test: Contribution of a Physiologically Based Model Developed in Horse for Its Interpretation in Different Pathophysiological Situations Encountered in Man. Endocrinology, 2006, 147, 4281-4291.	2.8	22
122	Differential Activity of the Combination of Vancomycin and Amikacin on Planktonic vs. Biofilm-Growing Staphylococcus aureus Bacteria in a Hollow Fiber Infection Model. Frontiers in Microbiology, 2018, 9, 572.	3.5	22
123	Cortisol concentrations in post competition horse urine: A French and British survey. Equine Veterinary Journal, 1997, 29, 226-229.	1.7	21
124	THE EFFECT OF EXPERIMENTAL RENAL FAILURE ON TOLFENAMIC ACID DISPOSITION IN THE DOG. , 1997, 18, 79-91.		21
125	Estimation of absolute oral bioavailability of moxidectin in dogs using a semiâ€simultaneous method: influence of lipid coâ€administration. Journal of Veterinary Pharmacology and Therapeutics, 2007, 30, 375-380.	1.3	21
126	Emergence of Resistant Klebsiella pneumoniae in the Intestinal Tract during Successful Treatment of Klebsiella pneumoniae Lung Infection in Rats. Antimicrobial Agents and Chemotherapy, 2010, 54, 2960-2964.	3.2	21

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127	Drug Selection and Optimization of Dosage Schedules To Minimize Antimicrobial Resistance. , 0, , 49-71.		21
128	Effect of water deprivation on absorption (oral, intramuscular) and disposition of ampicillin in sheep. Journal of Veterinary Pharmacology and Therapeutics, 1992, 15, 421-432.	1.3	20
129	Pharmacokinetic/pharmacodynamic modelling of the disposition and effect of benazepril and benazeprilat in cats. Journal of Veterinary Pharmacology and Therapeutics, 2003, 26, 213-224.	1.3	20
130	Interindividual variability in plasma concentrations after systemic exposure of swine to dietary doxycycline supplied with and without paracetamol: A population pharmacokinetic approach1. Journal of Animal Science, 2006, 84, 3155-3166.	0.5	20
131	Pharmacokineticâ€“pharmacodynamic integration and modelling of oxytetracycline for the calf pathogens Mannheimia haemolytica and Pasteurella multocida. Journal of Veterinary Pharmacology and Therapeutics, 2018, 41, 28-38.	1.3	20
132	Pharmacokinetics of Methylprednisolone, Methylprednisolone Sodium Succinate, and Methylprednisolone Acetate in Dogs. Journal of Pharmaceutical Sciences, 1986, 75, 251-255.	3.3	19
133	Quantitative evaluation of an experimental inflammation induced with Freund's Complete Adjuvant in dogs. Journal of Pharmacological and Toxicological Methods, 1994, 32, 63-71.	0.7	19
134	Differential pharmacokinetics and pharmacokinetic/pharmacodynamic modelling of robenacoxib and ketoprofen in a feline model of inflammation. Journal of Veterinary Pharmacology and Therapeutics, 2014, 37, 354-366.	1.3	19
135	Allometric scaling for predicting human clearance of bisphenol A. Toxicology and Applied Pharmacology, 2015, 284, 323-329.	2.8	19
136	Pharmacokinetics, pharmacodynamics, toxicology and therapeutics of mavacoxib in the dog: a review. Journal of Veterinary Pharmacology and Therapeutics, 2015, 38, 1-14.	1.3	19
137	Determination of methylprednisolone and methylprednisolone acetate in synovial fluid using high-performance liquid chromatography. Biomedical Applications, 1984, 309, 385-390.	1.7	18
138	Pharmacokinetics and pharmacodynamics of stereoisomeric drugs with particular reference to bioequivalence determination. Journal of Veterinary Pharmacology and Therapeutics, 2012, 35, 17-29.	1.3	18
139	Kinetic studies and production rate of equine (e) FSH in ovariectomized pony mares. Application to the determination of a dosage regimen for eFSH in a superovulation treatment. Journal of Endocrinology, 2004, 182, 43-54.	2.6	17
140	Prion protein in the cerebrospinal fluid of healthy and naturally scrapie-affected sheep. Journal of General Virology, 2006, 87, 3723-3727.	2.9	17
141	The consequences of generic marketing on antibiotic consumption and the spread of microbial resistance: the need for new antibiotics. Journal of Veterinary Pharmacology and Therapeutics, 2013, 36, 420-424.	1.3	17
142	A large potentiation effect of serum on the inÂvitro potency of tulathromycin against Mannheimia haemolytica and Pasteurella multocida. Journal of Veterinary Pharmacology and Therapeutics, 2017, 40, 419-428.	1.3	17
143	Hyaluronan in horses: physiological production rate, plasma and synovial fluid concentrations in control conditions and following sodium hyaluronate administration. Equine Veterinary Journal, 2010, 36, 482-487.	1.7	16
144	Prediction of human prenatal exposure to bisphenol A and bisphenol A glucuronide from an ovine semi-physiological toxicokinetic model. Scientific Reports, 2017, 7, 15330.	3.3	16

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145	Toxicokinetics of bisphenol S in rats for predicting human bisphenol S clearance from allometric scaling. Toxicology and Applied Pharmacology, 2020, 386, 114845.	2.8	16
146	Are Regular Activity Episodes of the Genital Tract Controlled by Pulsatile Releases of Oxytocin?. Biology of Reproduction, 1983, 29, 1183-1188.	2.7	15
147	Activity of the genital tract and plasma levels of oxytocin and cortisol at the time of mating in the ewe. Journal of Endocrinology, 1985, 105, 323-329.	2.6	15
148	Effect of an enduranceâ€like exercise on the disposition and detection time of phenylbutazone and dexamethasone in the horse: Application to medication control. Equine Veterinary Journal, 2010, 42, 240-247.	1.7	15
149	Towards a Better and Harmonized Education in Antimicrobial Stewardship in European Veterinary Curricula. Antibiotics, 2021, 10, 364.	3.7	15
150	Use of plasma creatine kinase pharmacokinetics to estimate the amount of exercise-induced muscle damage in Beagles. American Journal of Veterinary Research, 2001, 62, 1375-1380.	0.6	14
151	Intraocular pharmacokinetics of intravenously administered marbofloxacin in rabbits with experimentally induced acute endophthalmitis. American Journal of Veterinary Research, 2008, 69, 410-415.	0.6	14
152	Pharmacokinetic/pharmacodynamic modeling for the determination of a cimicoxib dosing regimen in the dog. BMC Veterinary Research, 2013, 9, 250.	1.9	14
153	A new LC/MS method for specific determination of human systemic exposure to bisphenol A, F and S through their metabolites: Application to cord blood samples. Environment International, 2021, 151, 106429.	10.0	14
154	Arousal as a cyclic phenomenon during sleep and hibernation in the Hedgehog (Erinaceus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	1.2	13
155	Dexamethasone Concentrations in Bovine Blood Plasma and Milk After Intravenous Injection. Journal of Dairy Science, 1982, 65, 1921-1924.	3.4	13
156	Prednisolone Binding to Plasma Proteins in Domestic Species. Journal of Pharmaceutical Sciences, 1988, 77, 937-938.	3.3	13
157	In vivo quantification of muscle damage in dogs after general anaesthesia with halothane andpropofol. Journal of Small Animal Practice, 1997, 38, 565-569.	1.2	13
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