

# JÃ©rÃ©me R E Del Castillo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/22416/publications.pdf>

Version: 2024-02-01

57  
papers

1,306  
citations

394421

19  
h-index

361022

35  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1390  
citing authors

#	ARTICLE	IF	CITATIONS
1	The pharmacokineticâ€“pharmacodynamic approach to a rational dosage regimen for antibiotics. <i>Research in Veterinary Science</i> , 2002, 73, 105-114.	1.9	336
2	Development and Use of a Multiplex Real-Time Quantitative Polymerase Chain Reaction Assay for Detection and Differentiation of <i>Porcine Circovirus</i> -2 Genotypes 2a and 2b in an Epidemiological Survey. <i>Journal of Veterinary Diagnostic Investigation</i> , 2008, 20, 545-558.	1.1	95
3	Tiludronate treatment improves structural changes and symptoms of osteoarthritis in the canine anterior cruciate ligament model. <i>Arthritis Research and Therapy</i> , 2011, 13, R98.	3.5	86
4	Sorption Kinetics of Chlortetracycline and Tylosin on Sandy Loam and Heavy Clay Soils. <i>Journal of Environmental Quality</i> , 2006, 35, 969-972.	2.0	49
5	Validation of Orthopedic Postoperative Pain Assessment Methods for Dogs: A Prospective, Blinded, Randomized, Placebo-Controlled Study. <i>PLoS ONE</i> , 2012, 7, e49480.	2.5	44
6	Effects of feeding a high omega-3 fatty acids diet in dogs with naturally occurring osteoarthritis. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013, 97, 830-837.	2.2	39
7	Identification of a new cell line permissive to porcine reproductive and respiratory syndrome virus infection and replication which is phenotypically distinct from MARC-145 cell line. <i>Virology Journal</i> , 2012, 9, 267.	3.4	36
8	Analgesic efficacy of tramadol in cats with naturally occurring osteoarthritis. <i>PLoS ONE</i> , 2017, 12, e0175565.	2.5	35
9	Analgesic efficacy of an oral transmucosal spray formulation of meloxicam alone or in combination with tramadol in cats with naturally occurring osteoarthritis. <i>Veterinary Anaesthesia and Analgesia</i> , 2016, 43, 643-651.	0.6	34
10	Pain Induced by a Minor Medical Procedure (Bone Marrow Aspiration) in Dogs: Comparison of Pain Scales in a Pilot Study. <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 1050-1056.	1.6	32
11	A Posteriori Comparison of Natural and Surgical Destabilization Models of Canine Osteoarthritis. <i>BioMed Research International</i> , 2013, 2013, 1-12.	1.9	30
12	CAN SONOGRAPHIC FINDINGS PREDICT THE RESULTS OF LIVER ASPIRATES IN DOGS WITH SUSPECTED LIVER DISEASE?. <i>Veterinary Radiology and Ultrasound</i> , 2009, 50, 513-518.	0.9	27
13	Anticoagulant activity of oral rivaroxaban in healthy dogs. <i>Veterinary Journal</i> , 2017, 223, 5-11.	1.7	27
14	Evidence for Non-Linear Pharmacokinetics of Oxytocin in Anesthetized Rat. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2008, 11, 12.	2.1	26
15	Plasma concentration and cardiovascular effects of intramuscular medetomidine combined with three doses of the peripheral alpha2-antagonist MK-467 in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2017, 44, 417-426.	0.6	23
16	Epidemiological, clinical and control investigations on field porcine coccidiosis: clinical, epidemiological and parasitological paradigms?. <i>Parasitology Research</i> , 2000, 86, 834-837.	1.6	21
17	CLINICAL APPLICATION OF PATLAK PLOT CT-GFR IN ANIMALS WITH UPPER URINARY TRACT DISEASE. <i>Veterinary Radiology and Ultrasound</i> , 2010, 51, 421-427.	0.9	21
18	Interindividual variability in plasma concentrations after systemic exposure of swine to dietary doxycycline supplied with and without paracetamol: A population pharmacokinetic approach. <i>Journal of Animal Science</i> , 2006, 84, 3155-3166.	0.5	20

#	ARTICLE	IF	CITATIONS
19	Rivaroxaban demonstrates in vitro anticoagulant effects in canine plasma. <i>Veterinary Journal</i> , 2013, 198, 437-443.	1.7	20
20	Assessing experimental visceral pain in dairy cattle: A pilot, prospective, blinded, randomized, and controlled study focusing on spinal pain proteomics. <i>Journal of Dairy Science</i> , 2014, 97, 2118-2134.	3.4	20
21	Single-slice dynamic computed tomographic determination of glomerular filtration rate by use of Patlak plot analysis in anesthetized pigs. <i>American Journal of Veterinary Research</i> , 2007, 68, 297-304.	0.6	18
22	Haemodynamic interactions of medetomidine and the peripheral alpha-2 antagonist MK-467 during step infusions in isoflurane-anaesthetised dogs. <i>Veterinary Journal</i> , 2014, 202, 353-360.	1.7	18
23	Refinement of the Montreal Instrument for Cat Arthritis Testing, for Use by Veterinarians: detection of naturally occurring osteoarthritis in laboratory cats. <i>Journal of Feline Medicine and Surgery</i> , 2018, 20, 728-740.	1.6	17
24	Effect of a diet enriched with green-lipped mussel on pain behavior and functioning in dogs with clinical osteoarthritis. <i>Canadian Journal of Veterinary Research</i> , 2013, 77, 66-74.	0.2	17
25	Pharmacokinetics of liposomal encapsulated buprenorphine suspension following subcutaneous administration to cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2017, 40, 256-269.	1.3	15
26	Renal effect of meloxicam versus ketoprofen in anaesthetized pseudo-normovolaemic piglets. <i>Canadian Journal of Physiology and Pharmacology</i> , 2008, 86, 55-63.	1.4	14
27	Involvement of the nitric oxide-soluble guanylyl cyclase pathway in the oxytocin-mediated differentiation of porcine bone marrow stem cells into cardiomyocytes. <i>Nitric Oxide - Biology and Chemistry</i> , 2011, 24, 25-33.	2.7	14
28	Development and preliminary validity and reliability of the montreal instrument for cat arthritis testing, for use by caretaker/owner, MI-CAT(C), via a randomised clinical trial. <i>Applied Animal Behaviour Science</i> , 2018, 200, 96-105.	1.9	13
29	Improving the estimation of amino acid requirements to maximize nitrogen retention in precision feeding for growing-finishing pigs. <i>Animal</i> , 2020, 14, 2032-2041.	3.3	13
30	Determination of glomerular filtration rate in anesthetized pigs by use of three-phase whole-kidney computed tomography and Patlak plot analysis. <i>American Journal of Veterinary Research</i> , 2008, 69, 1455-1462.	0.6	11
31	Effect of dalteparin administration on thrombin generation kinetics in healthy dogs. <i>Veterinary Clinical Pathology</i> , 2017, 46, 269-277.	0.7	11
32	Comparison of continuous infusion with intermittent bolus administration of cefotaxime on blood and cavity fluid drug concentrations in neonatal foals. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2013, 36, 68-77.	1.3	10
33	Association between sensitisation and pain-related behaviours in an experimental canine model of osteoarthritis. <i>Pain</i> , 2014, 155, 2071-2079.	4.2	10
34	Quantitative sensory testing in feline osteoarthritic pain – a systematic review and meta-analysis. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 885-896.	1.3	10
35	Determination of chlortetracycline in swine plasma by LC-ESI/MS/MS. <i>Biomedical Chromatography</i> , 2005, 19, 523-528.	1.7	9
36	Patlak plot analysis CT $\rightarrow$ CFR for the determination of renal function: comparison of normal dogs with autologous kidney transplant dogs. <i>Contrast Media and Molecular Imaging</i> , 2010, 5, 133-139.	0.8	9

#	ARTICLE	IF	CITATIONS
37	Assessing pharmacokinetic variability directly induced by drug intake behaviour through development of a feeding behaviourâ€“pharmacokinetic model. <i>Journal of Theoretical Biology</i> , 2008, 251, 468-479.	1.7	8
38	Demonstrating bioequivalence using clinical endpoint studies. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012, 35, 31-37.	1.3	7
39	Inhaled nitric oxide prevents NSAID-induced renal impairment in pseudo-normovolaemic piglets. <i>PLoS ONE</i> , 2017, 12, e0179475.	2.5	7
40	Pharmacokinetics of Lidocaine Hydrochloride Administered with or without Adrenaline for the Paravertebral Brachial Plexus Block in Dogs. <i>PLoS ONE</i> , 2017, 12, e0169745.	2.5	7
41	Excitement in dogs recovering from alfaxalone anaesthesia: is the absent drug blamed in error?. <i>Veterinary Anaesthesia and Analgesia</i> , 2013, 40, 655-656.	0.6	6
42	In vitro effects of dalteparin on thrombin generation in canine plasma. <i>Veterinary Clinical Pathology</i> , 2017, 46, 442-450.	0.7	5
43	Comparison of lidocaine and lidocaineâ€“epinephrine for the paravertebral brachial plexus block in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2017, 44, 317-328.	0.6	5
44	Short-term effects of in-feed supplementation of tetracyclines for disease control on feed intake pattern and growth in weaned pigs. <i>Livestock Science</i> , 2002, 76, 115-124.	1.2	3
45	The 2010 AAVPT/EAVPT/ECVPT bioequivalence workshop. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2011, 34, 105-107.	1.3	3
46	Medical honey for canine nasal intertrigo: A randomized, blinded, placebo-controlled, adaptive clinical trial to support antimicrobial stewardship in veterinary dermatology. <i>PLoS ONE</i> , 2020, 15, e0235689.	2.5	3
47	In growing pigs, chlortetracycline induces a reversible green bone discoloration and a persistent increase of bone mineral density dependent of dosing regimen. <i>Research in Veterinary Science</i> , 2011, 90, 484-490.	1.9	2
48	Dietary chlortetracycline induces differential effects on the accuracy of quantitative computed tomography and dual energy X-ray absorptiometry in assessing vertebral bone mineral density in growing pigs. <i>Veterinary Journal</i> , 2010, 185, 169-173.	1.7	1
49	Effects of water supplementation with tryptophan and vitamin B6 or feeding hydrogenated fat on reducing hunger-induced drinking pre-slaughter in pigs. <i>Canadian Journal of Animal Science</i> , 2012, 92, 319-326.	1.5	1
50	The use of the noninferiority analysis in clinical studies. <i>Equine Veterinary Journal</i> , 2014, 46, 399-401.	1.7	1
51	Round table. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2009, 32, 57-58.	1.3	0
52	Title is missing!. , 2020, 15, e0235689.		0
53	Title is missing!. , 2020, 15, e0235689.		0
54	Title is missing!. , 2020, 15, e0235689.		0

#	ARTICLE	IF	CITATIONS
55	Title is missing!. , 2020, 15, e0235689.		0
56	Title is missing!. , 2020, 15, e0235689.		0
57	Title is missing!. , 2020, 15, e0235689.		0