

Lauren A Trepanier

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,414
citations

279701

23
h-index

345118

36
g-index

63
all docs

63
docs citations

63
times ranked

1186
citing authors

#	ARTICLE	IF	CITATIONS
1	Idiosyncratic toxicity associated with potentiated sulfonamides in the dog. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2004, 27, 129-138.	0.6	109
2	Cytosolic arylamine n-acetyltransferase (NAT) deficiency in the dog and other canids due to an absence of NAT genes. <i>Biochemical Pharmacology</i> , 1997, 54, 73-80.	2.0	91
3	Clinical Findings in 40 Dogs with Hypersensitivity Associated with Administration of Potentiated Sulfonamides. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 647-652.	0.6	86
4	Bacterial Culture Results from Liver, Gallbladder, or Bile in 248 Dogs and Cats Evaluated for Hepatobiliary Disease: 1998-2003. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 417-424.	0.6	84
5	NADH Cytochrome b5 Reductase and Cytochrome b5 Catalyze the Microsomal Reduction of Xenobiotic Hydroxylamines and Amidoximes in Humans. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 1171-1178.	1.3	79
6	Adverse reactions to sulphonamide and sulphonamide-trimethoprim antimicrobials: clinical syndromes and pathogenesis. <i>Toxicological Reviews</i> , 1996, 15, 9-50.	0.5	78
7	Report from the National Institute of Allergy and Infectious Diseases workshop on drug allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 262-271.e2.	1.5	51
8	Idiopathic Inflammatory Bowel Disease in Cats: Rational Treatment Selection. <i>Journal of Feline Medicine and Surgery</i> , 2009, 11, 32-38.	0.6	42
9	Pharmacologic Management of Feline Hyperthyroidism. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2007, 37, 775-788.	0.5	36
10	Serum Biomarkers of Clinical and Cytologic Response in Dogs with Idiopathic Immune-Mediated Polyarthropathy. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 905-911.	0.6	35
11	Deficiency of cytosolic arylamine N-acetylation in the domestic cat and wild felids caused by the presence of a single NAT1-like gene. <i>Pharmacogenetics and Genomics</i> , 1998, 8, 169-180.	5.7	34
12	Medical Management of Hyperthyroidism. <i>Topics in Companion Animal Medicine</i> , 2006, 21, 22-28.	0.6	34
13	Cytochrome b5 and NADH cytochrome b5 reductase: genotype-phenotype correlations for hydroxylamine reduction. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 26-37.	0.7	34
14	Plasma Ascorbate Deficiency Is Associated With Impaired Reduction of Sulfamethoxazole-Nitroso in HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004, 36, 1041-1050.	0.9	31
15	Association of drug-serum protein adducts and anti-drug antibodies in dogs with sulphonamide hypersensitivity: A naturally occurring model of idiosyncratic drug toxicity. <i>Clinical and Experimental Allergy</i> , 2006, 36, 907-915.	1.4	31
16	Serum and Urine <i>Blastomyces</i> Antigen Concentrations as Markers of Clinical Remission in Dogs Treated for Systemic Blastomycosis. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 305-310.	0.6	31
17	Cytochrome P450 and Its Role in Veterinary Drug Interactions. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2006, 36, 975-985.	0.5	30
18	Retrospective Comparison of the Efficacy of Fluconazole or Itraconazole for the Treatment of Systemic Blastomycosis in Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 440-445.	0.6	30

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19	Roles of endogenous ascorbate and glutathione in the cellular reduction and cytotoxicity of sulfamethoxazole-nitroso. <i>Toxicology</i> , 2006, 222, 25-36.	2.0	28
20	NADH-dependent reduction of sulphamethoxazole hydroxylamine in dog and human liver microsomes. <i>Xenobiotica</i> , 2000, 30, 1111-1121.	0.5	26
21	Acute Vomiting in Cats. <i>Journal of Feline Medicine and Surgery</i> , 2010, 12, 225-230.	0.6	26
22	Incidence, Timing, and Risk Factors of Azathioprine Hepatotoxicosis in Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2015, 29, 513-518.	0.6	26
23	Delayed hypersensitivity reactions to sulphonamides: syndromes, pathogenesis and management. <i>Veterinary Dermatology</i> , 1999, 10, 241-248.	0.4	25
24	Thiopurine Methyltransferase Activity in Red Blood Cells of Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 214-218.	0.6	21
25	Evaluation of polymorphisms in the sulfonamide detoxification genes NAT2, CYB5A, and CYB5R3 in patients with sulfonamide hypersensitivity. <i>Pharmacogenetics and Genomics</i> , 2012, 22, 733-740.	0.7	20
26	Discovery and characterization of a cytochrome b 5 variant in humans with impaired hydroxylamine reduction capacity. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 597-603.	0.7	18
27	Applying Pharmacokinetics to Veterinary Clinical Practice. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2013, 43, 1013-1026.	0.5	17
28	Therapeutic serum phenobarbital concentrations obtained using chronic transdermal administration of phenobarbital in healthy cats. <i>Journal of Feline Medicine and Surgery</i> , 2015, 17, 359-363.	0.6	17
29	Urinary F2-Isoprostanes in Cats with International Renal Interest Society Stage 1-4 Chronic Kidney Disease. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 449-456.	0.6	16
30	Antioxidant Status in Hyperthyroid Cats before and after Radioiodine Treatment. <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 582-588.	0.6	15
31	Opportunistic fungal infections in dogs treated with ciclosporin and glucocorticoids: eight cases. <i>Journal of Small Animal Practice</i> , 2016, 57, 105-109.	0.5	15
32	Evaluation of potential serum biomarkers of hepatic fibrosis and necroinflammatory activity in dogs with liver disease. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 1009-1018.	0.6	15
33	Research Directions in Genetic Predispositions to Stevens-Johnson Syndrome / Toxic Epidermal Necrolysis. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 103, 390-394.	2.3	15
34	Glutathione S-transferase theta genotypes and environmental exposures in the risk of canine transitional cell carcinoma. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 1414-1422.	0.6	14
35	Genome-Wide Association Study in Immunocompetent Patients with Delayed Hypersensitivity to Sulfonamide Antimicrobials. <i>PLoS ONE</i> , 2016, 11, e0156000.	1.1	14
36	Idiosyncratic Drug Toxicity Affecting the Liver, Skin, and Bone Marrow in Dogs and Cats. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2013, 43, 1055-1066.	0.5	13

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37	Risk of Hemolytic Anemia with Intravenous Administration of Famotidine to Hospitalized Cats. <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 325-329.	0.6	12
38	Positive association between a glutathione S-transferase polymorphism and lymphoma in dogs. <i>Veterinary and Comparative Oncology</i> , 2014, 12, 227-236.	0.8	12
39	Evaluation of sulfonamide detoxification pathways in haematologic malignancy patients prior to intermittent trimethoprim-sulfamethoxazole prophylaxis. <i>British Journal of Clinical Pharmacology</i> , 2011, 71, 566-574.	1.1	8
40	Dapsone-Associated Methemoglobinemia in a Patient With Slow NAT2*5B Haplotype and Impaired Cytochrome b5 Reductase Activity. <i>Journal of Clinical Pharmacology</i> , 2012, 52, 272-278.	1.0	8
41	Evaluation of Polymorphisms in the Sulfonamide Detoxification Genes <i>CYP5A</i> and <i>CYP5R3</i> in Dogs with Sulfonamide Hypersensitivity. <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 1126-1133.	0.6	8
42	Genetic and environmental risk for lymphoma in boxer dogs. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 2068-2077.	0.6	8
43	Combined ascorbate and glutathione deficiency leads to decreased cytochrome b5 expression and impaired reduction of sulfamethoxazole hydroxylamine. <i>Archives of Toxicology</i> , 2010, 84, 597-607.	1.9	7
44	RNA expression profiling in sulfamethoxazole-treated patients with a range of in vitro lymphocyte cytotoxicity phenotypes. <i>Pharmacology Research and Perspectives</i> , 2018, 6, e00388.	1.1	7
45	Plasma and urinary F ₂ -isoprostane markers of oxidative stress are increased in cats with early (stage 1) chronic kidney disease. <i>Journal of Feline Medicine and Surgery</i> , 2021, 23, 692-699.	0.6	7
46	Environmental chemical exposures in the urine of dogs and people sharing the same households. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e54.	0.3	7
47	A 6bp Deletion Variant in a Novel Canine Glutathione S-transferase Gene (<i>GST5</i>) Leads to Loss of Enzyme Function. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 1833-1840.	0.6	6
48	Characterization of a low expression haplotype in canine glutathione S-transferase (<i>GST1</i>) and its prevalence in golden retrievers. <i>Veterinary and Comparative Oncology</i> , 2018, 16, E61-E67.	0.8	5
49	Risk of bladder cancer and lymphoma in dogs is associated with pollution indices by county of residence. <i>Veterinary and Comparative Oncology</i> , 2022, 20, 246-255.	0.8	5
50	Prospective crossover clinical trial comparing transdermal with oral phenobarbital administration in epileptic cats. <i>Journal of Feline Medicine and Surgery</i> , 2019, 21, 1181-1187.	0.6	4
51	Transient cold agglutinins associated with <i>Mycoplasma cynos</i> pneumonia in a dog. <i>Veterinary Clinical Pathology</i> , 2015, 44, 498-502.	0.3	3
52	Immunogenicity of trimethoprim/sulfamethoxazole in a macaque model of HIV infection. <i>Toxicology</i> , 2016, 368-369, 10-18.	2.0	3
53	Hepatic expression profiles in retroviral infection: relevance to drug hypersensitivity risk. <i>Pharmacology Research and Perspectives</i> , 2017, 5, e00312.	1.1	3
54	A single nucleotide polymorphism in the canine cytochrome b5 reductase (<i>CYP5R3</i>) gene is associated with sulfonamide hypersensitivity and is overrepresented in Doberman Pinschers. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 402-408.	0.6	3

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55	Glutathione S-transferase theta genotypes and the risk of cyclophosphamide toxicity in dogs. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 529-534.	0.8	3
56	Clinical Findings in 40 Dogs with Hypersensitivity Associated with Administration of Potentiated Sulfonamides. , 2003, 17, 647.		3
57	Incidence of hepatopathies in dogs administered zonisamide orally: A retrospective study of 384 cases. <i>Journal of Veterinary Internal Medicine</i> , 2022, 36, 576-579.	0.6	3
58	Serum 25-hydroxyvitamin D concentrations and mortality in dogs with blastomycosis. <i>Veterinary Journal</i> , 2021, 274, 105707.	0.6	2
59	Genotype-phenotype correlations for polymorphisms in cytochrome b5 and NADH cytochrome b5 reductase and hepatic sulfamethoxazole hydroxylamine reduction. <i>FASEB Journal</i> , 2008, 22, 919.2.	0.2	0
60	Genotype-phenotype correlation of polymorphisms in cytochrome b5 and NADH cytochrome b5 reductase and hydroxylamine reduction in human breast. <i>FASEB Journal</i> , 2009, 23, 751.4.	0.2	0
61	Genetic variability of cytochrome b5 and NADH cytochrome b5 reductase: SNP discovery and characterization. <i>FASEB Journal</i> , 2009, 23, 751.3.	0.2	0
62	Immunogenicity of trimethoprim-sulfamethoxazole in SIV-infected rhesus macaques. <i>FASEB Journal</i> , 2013, 27, lb631.	0.2	0
63	Environmental exposures and lymphoma risk: a nested case-control study using the Golden Retriever Lifetime Study cohort. <i>Canine Medicine and Genetics</i> , 2022, 9, .	1.4	0