

Lauren A Trepanier

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

1,124
citations

20
h-index

32
g-index

63
ext. papers

1,253
ext. citations

2.6
avg, IF

4.52
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 61 | 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 | 6 | 84 |
| 60 | Idiosyncratic toxicity associated with potentiated sulfonamides in the dog. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2004 , 27, 129-38 | 1.4 | 83 |
| 59 | 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, 1171-8 | 4.7 | 75 |
| 58 | Adverse reactions to sulphonamide and sulphonamide-trimethoprim antimicrobials: clinical syndromes and pathogenesis. <i>Toxicological Reviews</i> , 1996 , 15, 9-50 | | 71 |
| 57 | Clinical findings in 40 dogs with hypersensitivity associated with administration of potentiated sulfonamides. <i>Journal of Veterinary Internal Medicine</i> , 2003 , 17, 647-52 | 3.1 | 65 |
| 56 | 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 | 3.1 | 53 |
| 55 | Report from the National Institute of Allergy and Infectious Diseases workshop on drug allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 262-71.e2 | 11.5 | 37 |
| 54 | Idiopathic inflammatory bowel disease in cats. Rational treatment selection. <i>Journal of Feline Medicine and Surgery</i> , 2009 , 11, 32-8 | 2.3 | 33 |
| 53 | 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, 169-79 | | 33 |
| 52 | Pharmacologic management of feline hyperthyroidism. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2007 , 37, 775-88, vii | 2.4 | 31 |
| 51 | Medical management of hyperthyroidism. <i>Topics in Companion Animal Medicine</i> , 2006 , 21, 22-8 | | 31 |
| 50 | Serum biomarkers of clinical and cytologic response in dogs with idiopathic immune-mediated polyarthropathy. <i>Journal of Veterinary Internal Medicine</i> , 2014 , 28, 905-11 | 3.1 | 28 |
| 49 | Cytochrome b5 and NADH cytochrome b5 reductase: genotype-phenotype correlations for hydroxylamine reduction. <i>Pharmacogenetics and Genomics</i> , 2010 , 20, 26-37 | 1.9 | 28 |
| 48 | Roles of endogenous ascorbate and glutathione in the cellular reduction and cytotoxicity of sulfamethoxazole-nitroso. <i>Toxicology</i> , 2006 , 222, 25-36 | 4.4 | 28 |
| 47 | 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, 1041-50 | 3.1 | 28 |
| 46 | Cytochrome P450 and its role in veterinary drug interactions. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2006 , 36, 975-85, v | 2.4 | 27 |
| 45 | 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, 907-15 | 4.1 | 26 |

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| 44 | 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, 305-10 | 3.1 | 25 |
| 43 | 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, 440-5 | 3.1 | 25 |
| 42 | NADH-dependent reduction of sulphamethoxazole hydroxylamine in dog and human liver microsomes. <i>Xenobiotica</i> , 2000 , 30, 1111-21 | 2 | 24 |
| 41 | Delayed hypersensitivity reactions to sulphonamides: syndromes, pathogenesis and management. <i>Veterinary Dermatology</i> , 1999 , 10, 241-248 | 1.8 | 20 |
| 40 | Acute vomiting in cats: rational treatment selection. <i>Journal of Feline Medicine and Surgery</i> , 2010 , 12, 225-30 | 2.3 | 19 |
| 39 | Thiopurine Methyltransferase Activity in Red Blood Cells of Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2004 , 18, 214-218 | 3.1 | 19 |
| 38 | Evaluation of polymorphisms in the sulfonamide detoxification genes NAT2, CYB5A, and CYB5R3 in patients with sulfonamide hypersensitivity. <i>Pharmacogenetics and Genomics</i> , 2012 , 22, 733-40 | 1.9 | 18 |
| 37 | Discovery and characterization of a cytochrome b5 variant in humans with impaired hydroxylamine reduction capacity. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 597-603 | 1.9 | 17 |
| 36 | Therapeutic serum phenobarbital concentrations obtained using chronic transdermal administration of phenobarbital in healthy cats. <i>Journal of Feline Medicine and Surgery</i> , 2015 , 17, 359-63 | 2.3 | 15 |
| 35 | Incidence, timing, and risk factors of azathioprine hepatotoxicosis in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2015 , 29, 513-8 | 3.1 | 15 |
| 34 | Research Directions in Genetic Predispositions to Stevens-Johnson Syndrome / Toxic Epidermal Necrolysis. <i>Clinical Pharmacology and Therapeutics</i> , 2018 , 103, 390-394 | 6.1 | 12 |
| 33 | 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 | 3.1 | 11 |
| 32 | Antioxidant status in hyperthyroid cats before and after radioiodine treatment. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 582-8 | 3.1 | 11 |
| 31 | Positive association between a glutathione-S-transferase polymorphism and lymphoma in dogs. <i>Veterinary and Comparative Oncology</i> , 2014 , 12, 227-36 | 2.5 | 11 |
| 30 | Urinary F-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 | 3.1 | 10 |
| 29 | Opportunistic fungal infections in dogs treated with ciclosporin and glucocorticoids: eight cases. <i>Journal of Small Animal Practice</i> , 2016 , 57, 105-109 | 1.6 | 10 |
| 28 | Risk of hemolytic anemia with intravenous administration of famotidine to hospitalized cats. <i>Journal of Veterinary Internal Medicine</i> , 2008 , 22, 325-9 | 3.1 | 10 |
| 27 | Genome-Wide Association Study in Immunocompetent Patients with Delayed Hypersensitivity to Sulfonamide Antimicrobials. <i>PLoS ONE</i> , 2016 , 11, e0156000 | 3.7 | 10 |

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| 26 | Applying pharmacokinetics to veterinary clinical practice. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2013 , 43, 1013-26 | 2.4 | 9 |
| 25 | 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, 1055-66 | 2.4 | 8 |
| 24 | 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 | 3.1 | 7 |
| 23 | Evaluation of polymorphisms in the sulfonamide detoxification genes CYB5A and CYB5R3 in dogs with sulfonamide hypersensitivity. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 1126-33 | 3.1 | 7 |
| 22 | 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, 272-8 | 2.9 | 6 |
| 21 | Characterization of a low expression haplotype in canine glutathione S-transferase (GSTT1) and its prevalence in golden retrievers. <i>Veterinary and Comparative Oncology</i> , 2018 , 16, E61-E67 | 2.5 | 5 |
| 20 | A 6-bp Deletion Variant in a Novel Canine Glutathione-S-Transferase Gene (GSTT5) Leads to Loss of Enzyme Function. <i>Journal of Veterinary Internal Medicine</i> , 2017 , 31, 1833-1840 | 3.1 | 5 |
| 19 | Evaluation of sulfonamide detoxification pathways in haematologic malignancy patients prior to intermittent trimethoprim-sulfamethoxazole prophylaxis. <i>British Journal of Clinical Pharmacology</i> , 2011 , 71, 566-74 | 3.8 | 5 |
| 18 | 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 | 5.8 | 5 |
| 17 | Hepatic expression profiles in retroviral infection: relevance to drug hypersensitivity risk. <i>Pharmacology Research and Perspectives</i> , 2017 , 5, e00312 | 3.1 | 3 |
| 16 | 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 | 3.1 | 3 |
| 15 | Clinical Findings in 40 Dogs with Hypersensitivity Associated with Administration of Potentiated Sulfonamides 2003 , 17, 647 | | 3 |
| 14 | 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 | 2.3 | 2 |
| 13 | Immunogenicity of trimethoprim/sulfamethoxazole in a macaque model of HIV infection. <i>Toxicology</i> , 2016 , 368-369, 10-18 | 4.4 | 2 |
| 12 | Glutathione-S-transferase-theta genotypes and the risk of cyclophosphamide toxicity in dogs. <i>Veterinary and Comparative Oncology</i> , 2018 , 16, 529-534 | 2.5 | 2 |
| 11 | Transient cold agglutinins associated with <i>Mycoplasma cynos pneumonia</i> in a dog. <i>Veterinary Clinical Pathology</i> , 2015 , 44, 498-502 | 1 | 2 |
| 10 | Genetic and environmental risk for lymphoma in boxer dogs. <i>Journal of Veterinary Internal Medicine</i> , 2020 , 34, 2068-2077 | 3.1 | 2 |
| 9 | Environmental chemical exposures in the urine of dogs and people sharing the same households. <i>Journal of Clinical and Translational Science</i> , 2020 , 5, e54 | 0.4 | 2 |

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| 8 | A single-nucleotide polymorphism in the canine cytochrome b reductase (CYB5R3) gene is associated with sulfonamide hypersensitivity and is overrepresented in Doberman Pinschers. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018 , 41, 402-408 | 1.4 | 1 |
| 7 | Serum 25-hydroxyvitamin D concentrations and mortality in dogs with blastomycosis. <i>Veterinary Journal</i> , 2021 , 274, 105707 | 2.5 | 1 |
| 6 | Incidence of hepatopathies in dogs administered zonisamide orally: A retrospective study of 384 cases.. <i>Journal of Veterinary Internal Medicine</i> , 2022 , | 3.1 | 1 |
| 5 | Plasma and urinary F-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 | 2.3 | 0 |
| 4 | 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 | 0.9 | |
| 3 | 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 | 0.9 | |
| 2 | Genetic variability of cytochrome b5 and NADH cytochrome b5 reductase: SNP discovery and characterization. <i>FASEB Journal</i> , 2009 , 23, 751.3 | 0.9 | |
| 1 | Immunogenicity of trimethoprim-sulfamethoxazole in SIV-infected rhesus macaques. <i>FASEB Journal</i> , 2013 , 27, lb631 | 0.9 | |