

Lauren A Trepanier

List of Publications by Year in Descending Order

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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	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
60	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
59	Serum 25-hydroxyvitamin D concentrations and mortality in dogs with blastomycosis. <i>Veterinary Journal</i> , 2021 , 274, 105707	2.5	1
58	Genetic and environmental risk for lymphoma in boxer dogs. <i>Journal of Veterinary Internal Medicine</i> , 2020 , 34, 2068-2077	3.1	2
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	Hepatic expression profiles in retroviral infection: relevance to drug hypersensitivity risk. <i>Pharmacology Research and Perspectives</i> , 2017 , 5, e00312	3.1	3
46	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
45	Immunogenicity of trimethoprim/sulfamethoxazole in a macaque model of HIV infection. <i>Toxicology</i> , 2016 , 368-369, 10-18	4.4	2

44	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
43	Genome-Wide Association Study in Immunocompetent Patients with Delayed Hypersensitivity to Sulfonamide Antimicrobials. <i>PLoS ONE</i> , 2016 , 11, e0156000	3.7	10
42	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
41	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
40	Transient cold agglutinins associated with <i>Mycoplasma cynos pneumonia</i> in a dog. <i>Veterinary Clinical Pathology</i> , 2015 , 44, 498-502	1	2
39	Incidence, timing, and risk factors of azathioprine hepatotoxicosis in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2015 , 29, 513-8	3.1	15
38	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
37	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
36	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
35	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
34	Applying pharmacokinetics to veterinary clinical practice. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2013 , 43, 1013-26	2.4	9
33	Immunogenicity of trimethoprim-sulfamethoxazole in SIV-infected rhesus macaques. <i>FASEB Journal</i> , 2013 , 27, lb631	0.9	
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	Evaluation of polymorphisms in the sulfonamide detoxification genes <i>CYB5A</i> and <i>CYB5R3</i> in dogs with sulfonamide hypersensitivity. <i>Journal of Veterinary Internal Medicine</i> , 2012 , 26, 1126-33	3.1	7
30	Dapsone-associated methemoglobinemia in a patient with slow <i>NAT2*5B</i> haplotype and impaired cytochrome b5 reductase activity. <i>Journal of Clinical Pharmacology</i> , 2012 , 52, 272-8	2.9	6
29	Evaluation of polymorphisms in the sulfonamide detoxification genes <i>NAT2</i> , <i>CYB5A</i> , and <i>CYB5R3</i> in patients with sulfonamide hypersensitivity. <i>Pharmacogenetics and Genomics</i> , 2012 , 22, 733-40	1.9	18
28	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
27	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

26	Acute vomiting in cats: rational treatment selection. <i>Journal of Feline Medicine and Surgery</i> , 2010 , 12, 225-30	2.3	19
25	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
24	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
23	Idiopathic inflammatory bowel disease in cats. Rational treatment selection. <i>Journal of Feline Medicine and Surgery</i> , 2009 , 11, 32-8	2.3	33
22	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	
21	Genetic variability of cytochrome b5 and NADH cytochrome b5 reductase: SNP discovery and characterization. <i>FASEB Journal</i> , 2009 , 23, 751.3	0.9	
20	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
19	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	
18	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
17	Pharmacologic management of feline hyperthyroidism. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2007 , 37, 775-88, vii	2.4	31
16	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
15	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
14	Medical management of hyperthyroidism. <i>Topics in Companion Animal Medicine</i> , 2006 , 21, 22-8		31
13	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
12	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
11	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
10	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
9	Idiosyncratic toxicity associated with potentiated sulfonamides in the dog. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2004 , 27, 129-38	1.4	83

8	Thiopurine Methyltransferase Activity in Red Blood Cells of Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2004 , 18, 214-218	3.1	19
7	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
6	Clinical Findings in 40 Dogs with Hypersensitivity Associated with Administration of Potentiated Sulfonamides 2003 , 17, 647		3
5	NADH-dependent reduction of sulphamethoxazole hydroxylamine in dog and human liver microsomes. <i>Xenobiotica</i> , 2000 , 30, 1111-21	2	24
4	Delayed hypersensitivity reactions to sulphonamides: syndromes, pathogenesis and management. <i>Veterinary Dermatology</i> , 1999 , 10, 241-248	1.8	20
3	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
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	6	84
1	Adverse reactions to sulphonamide and sulphonamide-trimethoprim antimicrobials: clinical syndromes and pathogenesis. <i>Toxicological Reviews</i> , 1996 , 15, 9-50		71