

Michael H Court

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,165
citations

304743

22
h-index

233421

45
g-index

53
all docs

53
docs citations

53
times ranked

2130
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacokinetics of Nebulized Terbinafine in Plasma and Keratin of Northwestern Pond Turtles (<i>Actinemys marmorata</i>) Associated with Emydomycosis. <i>Journal of Herpetological Medicine and Surgery</i> , 2022, 32, .	0.4	3
2	Canine orosomucoid (alpha α 1 acid glycoprotein) variants and their influence on drug plasma protein binding. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021, 44, 116-125.	1.3	1
3	A genetic polymorphism in P2RY1 impacts response to clopidogrel in cats with hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2021, 11, 12522.	3.3	7
4	Pharmacogenomics of poor drug metabolism in Greyhounds: Cytochrome P450 (CYP) 2B11 genetic variation, breed distribution, and functional characterization. <i>Scientific Reports</i> , 2020, 10, 69.	3.3	16
5	Effect of First-Line Antituberculosis Therapy on Nevirapine Pharmacokinetics in Children Younger than Three Years Old. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	2
6	Absolute Quantitation of Drug-Metabolizing Cytochrome P450 Enzymes and Accessory Proteins in Dog Liver Microsomes Using Label-Free Standard-Free Analysis Reveals Interbreed Variability. <i>Drug Metabolism and Disposition</i> , 2019, 47, 1314-1324.	3.3	24
7	Genomes of Three Closely Related Caribbean Amazons Provide Insight for Species History and Conservation. <i>Genes</i> , 2019, 10, 54.	2.4	8
8	Personalized medicine: going to the dogs?. <i>Human Genetics</i> , 2019, 138, 467-481.	3.8	23
9	Canine Albumin Polymorphisms and Their Impact on Drug Plasma Protein Binding. <i>Drug Metabolism and Disposition</i> , 2019, 47, 1024-1031.	3.3	2
10	Effect of Rifampin-Isoniazid-Containing Antituberculosis Therapy on Efavirenz Pharmacokinetics in HIV-Infected Children 3 to 14 Years Old. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	6
11	Comparison of metabolomics and platelet aggregometry between Plavix and generic clopidogrel in cats: a pilot study. <i>Journal of Feline Medicine and Surgery</i> , 2019, 21, 951-958.	1.6	3
12	Oral Coadministration of Fluconazole with Tramadol Markedly Increases Plasma and Urine Concentrations of Tramadol and the <i>O</i> -Desmethyltramadol Metabolite in Healthy Dogs. <i>Drug Metabolism and Disposition</i> , 2019, 47, 15-25.	3.3	15
13	Investigation into the causes of aspirin resistance in healthy dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 160-170.	1.3	3
14	High interindividual variability in plasma clopidogrel active metabolite concentrations in healthy cats is associated with sex and cytochrome P450 2C genetic polymorphism. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 16-25.	1.3	9
15	Effect of Genetic Variation of NAT2 on Isoniazid and SLCO1B1 and CES2 on Rifampin Pharmacokinetics in Ghanaian Children with Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	26
16	Population variability in animal health: Influence on dose α exposure α response relationships: Part I: Drug metabolism and transporter systems. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, E57-E67.	1.3	20
17	Identification of canine cytochrome P α 450s (<i>CYP</i>) metabolizing the tramadol (+) α M1 and (+) α M2 metabolites to the tramadol (+) α M5 metabolite in dog liver microsomes. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018, 41, 815-824.	1.3	14
18	Bisphenol-A glucuronidation in human liver and breast: identification of UDP-glucuronosyltransferases (UGTs) and influence of genetic polymorphisms. <i>Xenobiotica</i> , 2017, 47, 1-10.	1.1	25

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19	Relationship between the melanocortin-1 receptor (MC1R) variant R306ter and physiological responses to mechanical or thermal stimuli in Labrador Retriever dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2017, 44, 370-374.	0.6	2
20	Simultaneous determination of mycophenolic acid and its glucuronide and glycoside derivatives in canine and feline plasma by UHPLC-UV. <i>Biomedical Chromatography</i> , 2017, 31, e3942.	1.7	4
21	Identification and validation of microRNAs directly regulating the UDP-glucuronosyltransferase 1A subfamily enzymes by a functional genomics approach. <i>Biochemical Pharmacology</i> , 2017, 137, 93-106.	4.4	29
22	Validation of a method for quantitation of the clopidogrel active metabolite, clopidogrel, clopidogrel carboxylic acid, and 2-oxo-clopidogrel in feline plasma. <i>Journal of Veterinary Cardiology</i> , 2017, 19, 384-395.	0.9	9
23	Identification and validation of the microRNA response elements in the 3'-untranslated region of the UDP glucuronosyltransferase (UGT) 2B7 and 2B15 genes by a functional genomics approach. <i>Biochemical Pharmacology</i> , 2017, 146, 199-213.	4.4	26
24	Race, Gender, and Genetic Polymorphism Contribute to Variability in Acetaminophen Pharmacokinetics, Metabolism, and Protein-Adduct Concentrations in Healthy African-American and European-American Volunteers. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 362, 431-440.	2.5	49
25	Development and validation of an ultrafast chromatographic method for quantification of the immunosuppressant mycophenolic acid in canine, feline and human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 94-102.	2.8	11
26	Transcriptome association analysis identifies miR-375 as a major determinant of variable acetaminophen glucuronidation by human liver. <i>Biochemical Pharmacology</i> , 2016, 117, 78-87.	4.4	19
27	Tramadol Metabolism to <i>O</i> -Desmethyl Tramadol (M1) and <i>N</i> -Desmethyl Tramadol (M2) by Dog Liver Microsomes: Species Comparison and Identification of Responsible Canine Cytochrome P450s. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1963-1972.	3.3	45
28	Soy isoflavone metabolism in cats compared with other species: urinary metabolite concentrations and glucuronidation by liver microsomes. <i>Xenobiotica</i> , 2016, 46, 406-415.	1.1	12
29	Favipiravir inhibits acetaminophen sulfate formation but minimally affects systemic pharmacokinetics of acetaminophen. <i>British Journal of Clinical Pharmacology</i> , 2015, 80, 1076-1085.	2.4	26
30	Identification of MicroRNAs Involved in the Regulation of Human UGT1A, UGT2B7 and UGT2B15 Gene Expression. <i>FASEB Journal</i> , 2015, 29, 622.2.	0.5	0
31	Isoniazid Mediates the <i>CYP2B6</i> Genotype-Dependent Interaction between Efavirenz and Antituberculosis Drug Therapy through Mechanism-Based Inactivation of CYP2A6. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4145-4152.	3.2	23
32	Candidate Gene Polymorphisms in Patients with Acetaminophen-Induced Acute Liver Failure. <i>Drug Metabolism and Disposition</i> , 2014, 42, 28-32.	3.3	53
33	Feline Drug Metabolism and Disposition. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2013, 43, 1039-1054.	1.5	94
34	Canine Cytochrome P-450 Pharmacogenetics. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2013, 43, 1027-1038.	1.5	69
35	Challenges in exploring the cytochrome P450 system as a source of variation in canine drug pharmacokinetics. <i>Drug Metabolism Reviews</i> , 2013, 45, 218-230.	3.6	51
36	The UDP-Glucuronosyltransferase (UGT) 1A Polymorphism c.2042C>G (rs8330) Is Associated with Increased Human Liver Acetaminophen Glucuronidation, Increased UGT1A Exon 5a/5b Splice Variant mRNA Ratio, and Decreased Risk of Unintentional Acetaminophen-Induced Acute Liver Failure. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 345, 297-307.	2.5	75

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37	Evidence for epigenetic regulation of UGT1A1 protein expression and activity in healthy human livers. <i>FASEB Journal</i> , 2013, 27, 270.5.	0.5	0
38	Quantitative distribution of mRNAs encoding the 19 human UDP-glucuronosyltransferase enzymes in 26 adult and 3 fetal tissues. <i>Xenobiotica</i> , 2012, 42, 266-277.	1.1	170
39	Biochemical Basis for Deficient Paracetamol Glucuronidation in Cats: an Interspecies Comparison of Enzyme Constraint in Liver Microsomes. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 49, 446-449.	2.4	42
40	Response to Helsby and Tingle. <i>American Journal of Hematology</i> , 2011, 86, 384-384.	4.1	1
41	Interindividual variability in hepatic drug glucuronidation: studies into the role of age, sex, enzyme inducers, and genetic polymorphism using the human liver bank as a model system. <i>Drug Metabolism Reviews</i> , 2010, 42, 209-224.	3.6	173
42	Comparative and Veterinary Pharmacogenomics. <i>Handbook of Experimental Pharmacology</i> , 2010, , 49-77.	1.8	18
43	Markedly Reduced Overall Survival of CYP2C19 *2/*2 Homozygotes After Myeloablative Hematopoietic Stem Cell Transplantation. <i>Blood</i> , 2010, 116, 520-520.	1.4	0
44	Inhibition of UDP-glucuronosyltransferase (UGT) enzymes by protein kinase C inhibitors. <i>FASEB Journal</i> , 2008, 22, 921.15.	0.5	0
45	A Pharmacogenomics Primer. <i>Journal of Clinical Pharmacology</i> , 2007, 47, 1087-1103.	2.0	33
46	Isoform-selective Probe Substrates for In Vitro Studies of Human UDP-glucuronosyltransferases. <i>Methods in Enzymology</i> , 2005, 400, 104-116.	1.0	196
47	UDP-Glucuronosyltransferase (UGT) 2B15 Pharmacogenetics: UGT2B15 D85Y Genotype and Gender Are Major Determinants of Oxazepam Glucuronidation by Human Liver. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 656-665.	2.5	105
48	Validation of Serotonin (5-Hydroxytryptamine) as an in Vitro Substrate Probe for Human UDP-Glucuronosyltransferase (UGT) 1A6. <i>Drug Metabolism and Disposition</i> , 2003, 31, 133-139.	3.3	104
49	EVALUATION OF 3- ² -AZIDO-3- ² -DEOXYTHYMIDINE, MORPHINE, AND CODEINE AS PROBE SUBSTRATES FOR UDP-GLUCURONOSYLTRANSFERASE 2B7 (UGT2B7) IN HUMAN LIVER MICROSOMES: SPECIFICITY AND INFLUENCE OF THE UGT2B7 ² POLYMORPHISM. <i>Drug Metabolism and Disposition</i> , 2003, 31, 1125-1133.	3.3	237
50	Stereoselective Conjugation of Oxazepam by Human UDP-Glucuronosyltransferases (UGTs): S-Oxazepam Is Glucuronidated by UGT2B15, While R-Oxazepam Is Glucuronidated by UGT2B7 and UGT1A9. <i>Drug Metabolism and Disposition</i> , 2002, 30, 1257-1265.	3.3	155
51	Anesthesia of the sighthound. <i>Topics in Companion Animal Medicine</i> , 1999, 14, 38-43.	0.6	22
52	Biotransformation of Chlorzoxazone by Hepatic Microsomes from Humans and Ten Other Mammalian Species. , 1997, 18, 213-226.		105