Michael H Court

List of Publications by Citations

51 papers	1,805 citations	19 h-index	42 g-index
53 ext. papers	1,983 ext. citations	3.4 avg, IF	5.18 L-index

#	Paper	IF	Citations
51	Evaluation of 3Razido-3Rdeoxythymidine, morphine, and codeine as probe substrates for UDP-glucuronosyltransferase 2B7 (UGT2B7) in human liver microsomes: specificity and influence of the UGT2B7*2 polymorphism. *Drug Metabolism and Disposition*, **2003**, 31, 1125-33	4	220
50	Isoform-selective probe substrates for in vitro studies of human UDP-glucuronosyltransferases. *Methods in Enzymology*, **2005**, 400, 104-16	1.7	183
49	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. *Drug Metabolism Reviews*, **2010**, 42, 209-24	7	154
48	Quantitative distribution of mRNAs encoding the 19 human UDP-glucuronosyltransferase enzymes in 26 adult and 3 fetal tissues. *Xenobiotica*, **2012**, 42, 266-77	2	151
47	Stereoselective conjugation of oxazepam by human UDP-glucuronosyltransferases (UGTs): S-oxazepam is glucuronidated by UGT2B15, while R-oxazepam is glucuronidated by UGT2B7 and UGT1A9. *Drug Metabolism and Disposition*, **2002**, 30, 1257-65	4	148
46	Validation of serotonin (5-hydroxtryptamine) as an in vitro substrate probe for human UDP-glucuronosyltransferase (UGT) 1A6. *Drug Metabolism and Disposition*, **2003**, 31, 133-9	4	100
45	UDP-glucuronosyltransferase (UGT) 2B15 pharmacogenetics: UGT2B15 D85Y genotype and gender are major determinants of oxazepam glucuronidation by human liver. *Journal of Pharmacology and Experimental Therapeutics*, **2004**, 310, 656-65	4.7	94
44	Biotransformation of chlorzoxazone by hepatic microsomes from humans and ten other mammalian species. *Biopharmaceutics and Drug Disposition*, **1997**, 18, 213-26	1.7	89
43	Feline drug metabolism and disposition: pharmacokinetic evidence for species differences and molecular mechanisms. *Veterinary Clinics of North America - Small Animal Practice*, **2013**, 43, 1039-54	2.4	72
42	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. *Journal of Pharmacology and Experimental Therapeutics*, **2013**, 345, 297-307	4.7	60
41	Candidate gene polymorphisms in patients with acetaminophen-induced acute liver failure. *Drug Metabolism and Disposition*, **2014**, 42, 28-32	4	45
40	Canine cytochrome P-450 pharmacogenetics. *Veterinary Clinics of North America - Small Animal Practice*, **2013**, 43, 1027-38	2.4	45
39	Biochemical basis for deficient paracetamol glucuronidation in cats: an interspecies comparison of enzyme constraint in liver microsomes. *Journal of Pharmacy and Pharmacology*, **1997**, 49, 446-9	4.8	39
38	Challenges in exploring the cytochrome P450 system as a source of variation in canine drug pharmacokinetics. *Drug Metabolism Reviews*, **2013**, 45, 218-30	7	38
37	Race, Gender, and Genetic Polymorphism Contribute to Variability in Acetaminophen Pharmacokinetics, Metabolism, and Protein-Adduct Concentrations in Healthy African-American and European-American Volunteers. *Journal of Pharmacology and Experimental Therapeutics*, **2017**,	4.7	35
36	Tramadol metabolism to O-desmethyl tramadol (M1) and N-desmethyl tramadol (M2) by dog liver microsomes: Species comparison and identification of responsible canine cytochrome P-450s (CYPs). *Drug Metabolism and Disposition*, **2016**, 44, 1963-1972	4	30
35	A pharmacogenomics primer. *Journal of Clinical Pharmacology*, **2007**, 47, 1087-103	2.9	27

34	Identification and validation of microRNAs directly regulating the UDP-glucuronosyltransferase 1A subfamily enzymes by a functional genomics approach. *Biochemical Pharmacology*, **2017**, 137, 93-106	6	24
33	Identification and validation of the microRNA response elements in the 3Runtranslated region of the UDP glucuronosyltransferase (UGT) 2B7 and 2B15 genes by a functional genomics approach. *Biochemical Pharmacology*, **2017**, 146, 199-213	6	20
32	Bisphenol-A glucuronidation in human liver and breast: identification of UDP-glucuronosyltransferases (UGTs) and influence of genetic polymorphisms. *Xenobiotica*, **2017**, 47, 1-10	2	19
31	Favipiravir inhibits acetaminophen sulfate formation but minimally affects systemic pharmacokinetics of acetaminophen. *British Journal of Clinical Pharmacology*, **2015**, 80, 1076-85	3.8	18
30	Population variability in animal health: Influence on dose-exposure-response relationships: Part I: Drug metabolism and transporter systems. *Journal of Veterinary Pharmacology and Therapeutics*, **2018**, 41, E57-E67	1.4	17
29	Anesthesia of the sighthound. *Topics in Companion Animal Medicine*, **1999**, 14, 38-43		17
28	Transcriptome association analysis identifies miR-375 as a major determinant of variable acetaminophen glucuronidation by human liver. *Biochemical Pharmacology*, **2016**, 117, 78-87	6	16
27	Isoniazid mediates the CYP2B6*6 genotype-dependent interaction between efavirenz and antituberculosis drug therapy through mechanism-based inactivation of CYP2A6. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 4145-52	5.9	15
26	Comparative and veterinary pharmacogenomics. *Handbook of Experimental Pharmacology*, **2010**, 49-77	3.2	14
25	Personalized medicine: going to the dogs?. *Human Genetics*, **2019**, 138, 467-481	6.3	12
24	Effect of Genetic Variation of on Isoniazid and and on Rifampin Pharmacokinetics in Ghanaian Children with Tuberculosis. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	12
23	Oral Coadministration of Fluconazole with Tramadol Markedly Increases Plasma and Urine Concentrations of Tramadol and the Desmethyltramadol Metabolite in Healthy Dogs. *Drug Metabolism and Disposition*, **2019**, 47, 15-25	4	11
22	Soy isoflavone metabolism in cats compared with other species: urinary metabolite concentrations and glucuronidation by liver microsomes. *Xenobiotica*, **2016**, 46, 406-15	2	10
21	Absolute Quantitation of Drug-Metabolizing Cytochrome P450 Enzymes and Accessory Proteins in Dog Liver Microsomes Using Label-Free Standard-Free Analysis Reveals Interbreed Variability. *Drug Metabolism and Disposition*, **2019**, 47, 1314-1324	4	10
20	Development and validation of an ultrafast chromatographic method for quantification of the immunosuppressant mycophenolic acid in canine, feline and human plasma. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 131, 94-102	3.5	10
19	Identification of canine cytochrome P-450s (CYPs) metabolizing the tramadol (+)-M1 and (+)-M2 metabolites to the tramadol (+)-M5 metabolite in dog liver microsomes. *Journal of Veterinary Pharmacology and Therapeutics*, **2018**, 41, 815-824	1.4	9
18	Validation of a method for quantitation of the clopidogrel active metabolite, clopidogrel, clopidogrel carboxylic acid, and 2-oxo-clopidogrel in feline plasma. *Journal of Veterinary Cardiology*, **2017**, 19, 384-395	1.9	7
17	Pharmacogenomics of poor drug metabolism in Greyhounds: Cytochrome P450 (CYP) 2B11 genetic variation, breed distribution, and functional characterization. *Scientific Reports*, **2020**, 10, 69	4.9	7

16	Effect of Rifampin-Isoniazid-Containing Antituberculosis Therapy on Efavirenz Pharmacokinetics in HIV-Infected Children 3 to 14 Years Old. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	5
15	Simultaneous determination of mycophenolic acid and its glucuronide and glycoside derivatives in canine and feline plasma by UHPLC-UV. *Biomedical Chromatography*, **2017**, 31, e3942	1.7	4
14	Genomes of Three Closely Related Caribbean Amazons Provide Insight for Species History and Conservation. *Genes*, **2019**, 10,	4.2	4
13	High interindividual variability in plasma clopidogrel active metabolite concentrations in healthy cats is associated with sex and cytochrome P450 2C genetic polymorphism. *Journal of Veterinary Pharmacology and Therapeutics*, **2019**, 42, 16-25	1.4	4
12	Effect of First-Line Antituberculosis Therapy on Nevirapine Pharmacokinetics in Children Younger than Three Years Old. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	2
11	Canine Albumin Polymorphisms and Their Impact on Drug Plasma Protein Binding. *Drug Metabolism and Disposition*, **2019**, 47, 1024-1031	4	2
10	Relationship between the melanocortin-1 receptor (MC1R) variant R306ter and physiological responses to mechanical or thermal stimuli in Labrador Retriever dogs. *Veterinary Anaesthesia and Analgesia*, **2017**, 44, 370-374	1.3	1
9	Response to Helsby and Tingle. *American Journal of Hematology*, **2011**, 86, 384-384	7.1	1
8	A genetic polymorphism in P2RY impacts response to clopidogrel in cats with hypertrophic cardiomyopathy. *Scientific Reports*, **2021**, 11, 12522	4.9	1
7	Comparison of metabolomics and platelet aggregometry between Plavix and generic clopidogrel in cats: a pilot study. *Journal of Feline Medicine and Surgery*, **2019**, 21, 951-958	2.3	1
6	Canine orosomucoid (alpha-1 acid glycoprotein) variants and their influence on drug plasma protein binding. *Journal of Veterinary Pharmacology and Therapeutics*, **2021**, 44, 116-125	1.4	1
5	Inhibition of UDP-glucuronosyltransferase (UGT) enzymes by protein kinase C inhibitors. *FASEB Journal*, **2008**, 22, 921.15	0.9	
4	Identification of MicroRNAs Involved in the Regulation of Human UGT1A, UGT2B7 and UGT2B15 Gene Expression. *FASEB Journal*, **2015**, 29, 622.2	0.9	
3	Markedly Reduced Overall Survival of CYP2C19 *2/*2 Homozygotes After Myeloablative Hematopoietic Stem Cell Transplantation. *Blood*, **2010**, 116, 520-520	2.2	
2	Evidence for epigenetic regulation of UGT1A1 protein expression and activity in healthy human livers. *FASEB Journal*, **2013**, 27, 270.5	0.9	
1	Investigation into the causes of aspirin resistance in healthy dogs. *Journal of Veterinary Pharmacology and Therapeutics*, **2019**, 42, 160-170	1.4	