Michael H Court

List of Publications by Year
in descending order

52	2,165	304743	233421
papers	citations	22 h-index	45 g-index

53	53	53	2130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EVALUATION OF 3â€²-AZIDO-3â€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. Drug Metabolism and Disposition, 2003, 31, 1125-1133.	3.3	237
2	Isoformâ€Selective Probe Substrates for In Vitro Studies of Human UDPâ€Glucuronosyltransferases. Methods in Enzymology, 2005, 400, 104-116.	1.0	196
3	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, 209-224.	3.6	173
4	Quantitative distribution of mRNAs encoding the 19 human UDP-glucuronosyltransferase enzymes in 26 adult and 3 fetal tissues. Xenobiotica, 2012, 42, 266-277.	1.1	170
5	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, 1257-1265.	3.3	155
6	Biotransformation of Chlorzoxazone by Heptatic Microsomes from Humans and Ten Other Mammalian Species. , 1997, 18, 213-226.		105
7	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, 656-665.	2.5	105
8	Validation of Serotonin (5-Hydroxtryptamine) as an in Vitro Substrate Probe for Human UDP-Glucuronosyltransferase (UGT) 1A6. Drug Metabolism and Disposition, 2003, 31, 133-139.	3.3	104
9	Feline Drug Metabolism and Disposition. Veterinary Clinics of North America - Small Animal Practice, 2013, 43, 1039-1054.	1.5	94
10	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.	2.5	75
11	Canine Cytochrome P-450 Pharmacogenetics. Veterinary Clinics of North America - Small Animal Practice, 2013, 43, 1027-1038.	1.5	69
12	Candidate Gene Polymorphisms in Patients with Acetaminophen-Induced Acute Liver Failure. Drug Metabolism and Disposition, 2014, 42, 28-32.	3.3	53
13	Challenges in exploring the cytochrome P450 system as a source of variation in canine drug pharmacokinetics. Drug Metabolism Reviews, 2013, 45, 218-230.	3.6	51
14	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, 362, 431-440.	2.5	49
15	Tramadol Metabolism toO-Desmethyl Tramadol (M1) andN-Desmethyl Tramadol (M2) by Dog Liver Microsomes: Species Comparison and Identification of Responsible Canine Cytochrome P450s. Drug Metabolism and Disposition, 2016, 44, 1963-1972.	3.3	45
16	Biochemical Basis for Deficient Paracetamol Glucuronidation in Cats: an Interspecies Comparison of Enzyme Constraint in Liver Microsomes. Journal of Pharmacy and Pharmacology, 2011, 49, 446-449.	2.4	42
17	A Pharmacogenomics Primer. Journal of Clinical Pharmacology, 2007, 47, 1087-1103.	2.0	33
18	Identification and validation of microRNAs directly regulating the UDP-glucuronosyltransferase 1A subfamily enzymes by a functional genomics approach. Biochemical Pharmacology, 2017, 137, 93-106.	4.4	29

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19	Favipiravir inhibits acetaminophen sulfate formation but minimally affects systemic pharmacokinetics of acetaminophen. British Journal of Clinical Pharmacology, 2015, 80, 1076-1085.	2.4	26
20	Identification and validation of the microRNA response elements in the 3â€²-untranslated region of the UDP glucuronosyltransferase (UGT) 2B7 and 2B15 genes by a functional genomics approach. Biochemical Pharmacology, 2017, 146, 199-213.	4.4	26
21	Effect of Genetic Variation of NAT2 on Isoniazid and SLCO1B1 and CES2 on Rifampin Pharmacokinetics in Ghanaian Children with Tuberculosis. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	26
22	Bisphenol-A glucuronidation in human liver and breast: identification of UDP-glucuronosyltransferases (UGTs) and influence of genetic polymorphisms. Xenobiotica, 2017, 47, 1-10.	1.1	25
23	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.	3.3	24
24	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, 4145-4152.	3.2	23
25	Personalized medicine: going to the dogs?. Human Genetics, 2019, 138, 467-481.	3.8	23
26	Anesthesia of the sighthound. Topics in Companion Animal Medicine, 1999, 14, 38-43.	0.6	22
27	Population variability in animal health: Influence on doseâ€“exposureâ€“response relationships: Part I: Drug metabolism and transporter systems. Journal of Veterinary Pharmacology and Therapeutics, 2018, 41, E57-E67.	1.3	20
28	Transcriptome association analysis identifies miR-375 as a major determinant of variable acetaminophen glucuronidation by human liver. Biochemical Pharmacology, 2016, 117, 78-87.	4.4	19
29	Comparative and Veterinary Pharmacogenomics. Handbook of Experimental Pharmacology, 2010, , 49-77.	1.8	18
30	Pharmacogenomics of poor drug metabolism in Greyhounds: Cytochrome P450 (CYP) 2B11 genetic variation, breed distribution, and functional characterization. Scientific Reports, 2020, 10, 69.	3.3	16
31	Oral Coadministration of Fluconazole with Tramadol Markedly Increases Plasma and Urine Concentrations of Tramadol and the O-Desmethyltramadol Metabolite in Healthy Dogs. Drug Metabolism and Disposition, 2019, 47, 15-25.	3.3	15
32	Identification of canine cytochrome Pâ€450s (<scp>CYP</scp>s) metabolizing the tramadol (+)â€M1 and (+)â€M2 metabolites to the tramadol (+)â€M5 metabolite in dog liver microsomes. Journal of Veterinary Pharmacology and Therapeutics, 2018, 41, 815-824.	1.3	14
33	Soy isoflavone metabolism in cats compared with other species: urinary metabolite concentrations and glucuronidation by liver microsomes. Xenobiotica, 2016, 46, 406-415.	1.1	12
34	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.	2.8	11
35	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.	0.9	9
36	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.	1.3	9

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37	Genomes of Three Closely Related Caribbean Amazons Provide Insight for Species History and Conservation. Genes, 2019, 10, 54.	2.4	8
38	A genetic polymorphism in P2RY1 impacts response to clopidogrel in cats with hypertrophic cardiomyopathy. Scientific Reports, 2021, 11, 12522.	3.3	7
39	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, .	3.2	6
40	Simultaneous determination of mycophenolic acid and its glucuronide and glycoside derivatives in canine and feline plasma by UHPLCâ€UV. Biomedical Chromatography, 2017, 31, e3942.	1.7	4
41	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.	1.6	3
42	Investigation into the causes of aspirin resistance in healthy dogs. Journal of Veterinary Pharmacology and Therapeutics, 2019, 42, 160-170.	1.3	3
43	Pharmacokinetics of Nebulized Terbinafine in Plasma and Keratin of Northwestern Pond Turtles (Actinemys marmorata) Associated with Emydomycosis. Journal of Herpetological Medicine and Surgery, 2022, 32, .	0.4	3
44	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.	0.6	2
45	Effect of First-Line Antituberculosis Therapy on Nevirapine Pharmacokinetics in Children Younger than Three Years Old. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	2
46	Canine Albumin Polymorphisms and Their Impact on Drug Plasma Protein Binding. Drug Metabolism and Disposition, 2019, 47, 1024-1031.	3.3	2
47	Response to Helsby and Tingle. American Journal of Hematology, 2011, 86, 384-384.	4.1	1
48	Canine orosomucoid (alphaâ€1 acid glycoprotein) variants and their influence on drug plasma protein binding. Journal of Veterinary Pharmacology and Therapeutics, 2021, 44, 116-125.	1.3	1
49	Inhibition of UDPâ€glucuronosyltransferase (UGT) enzymes by protein kinase C inhibitors. FASEB Journal, 2008, 22, 921.15.	0.5	0
50	Markedly Reduced Overall Survival of CYP2C19 *2/*2 Homozygotes After Myeloablative Hematopoietic Stem Cell Transplantation. Blood, 2010, 116, 520-520.	1.4	0
51	Evidence for epigenetic regulation of UGT1A1 protein expression and activity in healthy human livers. FASEB Journal, 2013, 27, 270.5.	0.5	0
52	Identification of MicroRNAs Involved in the Regulation of Human UGT1A, UGT2B7 and UGT2B15 Gene Expression. FASEB Journal, 2015, 29, 622.2.	0.5	0