

Michael H Court

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.

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	A genetic polymorphism in P2RY impacts response to clopidogrel in cats with hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2021 , 11, 12522	4.9	1
50	Canine orosomucoid (alpha-1 acid glycoprotein) variants and their influence on drug plasma protein binding. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021 , 44, 116-125	1.4	1
49	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	4.9	7
48	Genomes of Three Closely Related Caribbean Amazons Provide Insight for Species History and Conservation. <i>Genes</i> , 2019 , 10,	4.2	4
47	Personalized medicine: going to the dogs?. <i>Human Genetics</i> , 2019 , 138, 467-481	6.3	12
46	Effect of First-Line Antituberculosis Therapy on Nevirapine Pharmacokinetics in Children Younger than Three Years Old. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	2
45	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	4	10
44	Canine Albumin Polymorphisms and Their Impact on Drug Plasma Protein Binding. <i>Drug Metabolism and Disposition</i> , 2019 , 47, 1024-1031	4	2
43	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,	5.9	5
42	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	2.3	1
41	Oral Coadministration of Fluconazole with Tramadol Markedly Increases Plasma and Urine Concentrations of Tramadol and the Desmethyltramadol Metabolite in Healthy Dogs. <i>Drug Metabolism and Disposition</i> , 2019 , 47, 15-25	4	11
40	Investigation into the causes of aspirin resistance in healthy dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019 , 42, 160-170	1.4	
39	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	1.4	4
38	Effect of Genetic Variation of on Isoniazid and on Rifampin Pharmacokinetics in Ghanaian Children with Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	12
37	Population variability in animal health: Influence on dose-exposure-response relationships: Part I: Drug metabolism and transporter systems. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018 , 41, E57-E67	1.4	17
36	Identification of canine cytochrome P-450s (CYPs) metabolizing the tramadol (+)-M1 and (+)-M2 metabolites to the tramadol (+)-M5 metabolite in dog liver microsomes. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2018 , 41, 815-824	1.4	9
35	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	2	19

34	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	1.3	1
33	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
32	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	6	24
31	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	1.9	7
30	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	6	20
29	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 , 319, 131-140	4.7	35
28	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	6	16
27	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). <i>Drug Metabolism and Disposition</i> , 2016 , 44, 1963-1972	4	30
26	Soy isoflavone metabolism in cats compared with other species: urinary metabolite concentrations and glucuronidation by liver microsomes. <i>Xenobiotica</i> , 2016 , 46, 406-15	2	10
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	3.5	10
24	Favipiravir inhibits acetaminophen sulfate formation but minimally affects systemic pharmacokinetics of acetaminophen. <i>British Journal of Clinical Pharmacology</i> , 2015 , 80, 1076-85	3.8	18
23	Identification of MicroRNAs Involved in the Regulation of Human UGT1A, UGT2B7 and UGT2B15 Gene Expression. <i>FASEB Journal</i> , 2015 , 29, 622.2	0.9	
22	Candidate gene polymorphisms in patients with acetaminophen-induced acute liver failure. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 28-32	4	45
21	Isoniazid mediates the CYP2B6*6 genotype-dependent interaction between efavirenz and antituberculosis drug therapy through mechanism-based inactivation of CYP2A6. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4145-52	5.9	15
20	Feline drug metabolism and disposition: pharmacokinetic evidence for species differences and molecular mechanisms. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2013 , 43, 1039-54	2.4	72
19	Canine cytochrome P-450 pharmacogenetics. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2013 , 43, 1027-38	2.4	45
18	Challenges in exploring the cytochrome P450 system as a source of variation in canine drug pharmacokinetics. <i>Drug Metabolism Reviews</i> , 2013 , 45, 218-30	7	38
17	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, 287-297	4.7	60

16	Evidence for epigenetic regulation of UGT1A1 protein expression and activity in healthy human livers. <i>FASEB Journal</i> , 2013 , 27, 270.5	0.9	
15	Quantitative distribution of mRNAs encoding the 19 human UDP-glucuronosyltransferase enzymes in 26 adult and 3 fetal tissues. <i>Xenobiotica</i> , 2012 , 42, 266-77	2	151
14	Response to Helsby and Tingle. <i>American Journal of Hematology</i> , 2011 , 86, 384-384	7.1	1
13	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, 209-24	7	154
12	Comparative and veterinary pharmacogenomics. <i>Handbook of Experimental Pharmacology</i> , 2010 , 49-77	3.2	14
11	Markedly Reduced Overall Survival of CYP2C19 *2/*2 Homozygotes After Myeloablative Hematopoietic Stem Cell Transplantation. <i>Blood</i> , 2010 , 116, 520-520	2.2	
10	Inhibition of UDP-glucuronosyltransferase (UGT) enzymes by protein kinase C inhibitors. <i>FASEB Journal</i> , 2008 , 22, 921.15	0.9	
9	A pharmacogenomics primer. <i>Journal of Clinical Pharmacology</i> , 2007 , 47, 1087-103	2.9	27
8	Isoform-selective probe substrates for in vitro studies of human UDP-glucuronosyltransferases. <i>Methods in Enzymology</i> , 2005 , 400, 104-16	1.7	183
7	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, 656-65	4.7	94
6	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, 133-9	4	100
5	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. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 1125-33	4	220
4	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, 1257-65	4	148
3	Anesthesia of the sighthound. <i>Topics in Companion Animal Medicine</i> , 1999 , 14, 38-43		17
2	Biochemical basis for deficient paracetamol glucuronidation in cats: an interspecies comparison of enzyme constraint in liver microsomes. <i>Journal of Pharmacy and Pharmacology</i> , 1997 , 49, 446-9	4.8	39
1	Biotransformation of chlorzoxazone by hepatic microsomes from humans and ten other mammalian species. <i>Biopharmaceutics and Drug Disposition</i> , 1997 , 18, 213-26	1.7	89