# Tsuyoshi Yokoi

List of Publications by Year
in descending order



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|---|---|---|---|
| 240 papers | 13,001 citations | 16411 64 h-index | 33814 99 g-index |

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|---|---|---|---|
| 244 all docs | 244 docs citations | 244 times ranked | 11610 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Near Completely Humanized Liver in Mice Shows Human-Type Metabolic Responses to Drugs. American Journal of Pathology, 2004, 165, 901-912. | 1.9 | 524 |
| 2 | Cytochrome P450-mediated metabolism of estrogens and its regulation in human. Cancer Letters, 2005, 227, 115-124. | 3.2 | 488 |
| 3 | MicroRNA Regulates the Expression of Human Cytochrome P450 1B1. Cancer Research, 2006, 66, 9090-9098. | 0.4 | 375 |
| 4 | Post-transcriptional Regulation of Human Pregnane X Receptor by Micro-RNA Affects the Expression of Cytochrome P450 3A4. Journal of Biological Chemistry, 2008, 283, 9674-9680. | 1.6 | 248 |
| 5 | Expression of UGT1A and UGT2B mRNA in Human Normal Tissues and Various Cell Lines. Drug Metabolism and Disposition, 2008, 36, 1461-1464. | 1.7 | 242 |
| 6 | Human CYP1B1 Is Regulated by Estradiol via Estrogen Receptor. Cancer Research, 2004, 64, 3119-3125. | 0.4 | 226 |
| 7 | Roles of NADPH-P450 Reductase and Apo- and Holo-Cytochrome b5 on Xenobiotic Oxidations Catalyzed by 12 Recombinant Human Cytochrome P450s Expressed in Membranes of Escherichia coli. Protein Expression and Purification, 2002, 24, 329-337. | 0.6 | 224 |
| 8 | Quantitative Analysis of UDP-Glucuronosyltransferase (UGT) 1A and UGT2B Expression Levels in Human Livers. Drug Metabolism and Disposition, 2009, 37, 1759-1768. | 1.7 | 204 |
| 9 | Comprehensive evaluation of variability in nicotine metabolism and CYP2A6 polymorphic alleles in four ethnic populations. Clinical Pharmacology and Therapeutics, 2006, 80, 282-297. | 2.3 | 201 |
| 10 | MicroRNA regulates human vitamin D receptor. International Journal of Cancer, 2009, 125, 1328-1333. | 2.3 | 187 |
| 11 | A comprehensive review of UDP-glucuronosyltransferase andÂesterasesÂforÂdrugÂdevelopment. Drug Metabolism and Pharmacokinetics, 2015, 30, 30-51. | 1.1 | 186 |
| 12 | The Emerging Role of Human Esterases. Drug Metabolism and Pharmacokinetics, 2012, 27, 466-477. | 1.1 | 175 |
| 13 | Tissue-specific mRNA Expression Profiles of Human Nuclear Receptor Subfamilies. Drug Metabolism and Pharmacokinetics, 2004, 19, 135-149. | 1.1 | 157 |
| 14 | Human CYP2E1 is regulated by miR-378. Biochemical Pharmacology, 2010, 79, 1045-1052. | 2.0 | 154 |
| 15 | Induction of CYP1A1, CYP1A2, and CYP1B1 mRNAs by nitropolycyclic aromatic hydrocarbons in various human tissue-derived cells: chemical-, cytochrome P450 isoform-, and cell-specific differences. Archives of Toxicology, 2002, 76, 287-298. | 1.9 | 152 |
| 16 | Recommended nomenclature for five mammalian carboxylesterase gene families: human, mouse, and rat genes and proteins. Mammalian Genome, 2010, 21, 427-441. | 1.0 | 147 |
| 17 | Relationship between interindividual differences in nicotine metabolism and CYP2A6 genetic polymorphism in humans. Clinical Pharmacology and Therapeutics, 2001, 69, 72-78. | 2.3 | 140 |
| 18 | Human CYP24 Catalyzing the Inactivation of Calcitriol Is Post-Transcriptionally Regulated by miR-125b. Molecular Pharmacology, 2009, 76, 702-709. | 1.0 | 140 |

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| 19 | MicroRNAs Regulate Human Hepatocyte Nuclear Factor 4Î±, Modulating the Expression of Metabolic Enzymes and Cell Cycle. Journal of Biological Chemistry, 2010, 285, 4415-4422. | 1.6 | 139 |
| 20 | Human CYP2A6 Is Induced by Estrogen via Estrogen Receptor. Drug Metabolism and Disposition, 2007, 35, 1935-1941. | 1.7 | 125 |
| 21 | PPARÎ± Is Regulated by miR-21 and miR-27b in Human Liver. Pharmaceutical Research, 2011, 28, 2467-2476. | 1.7 | 122 |
| 22 | Establishment and Characterization of the Transformants Stably-Expressing MDR1 Derived from Various Animal Species in LLC-PK1. Pharmaceutical Research, 2006, 23, 1460-1472. | 1.7 | 118 |
| 23 | Genetic polymorphisms of CYP2B6 affect the pharmacokinetics/pharmacodynamics of cyclophosphamide in Japanese cancer patients. Pharmacogenetics and Genomics, 2007, 17, 431-445. | 0.7 | 117 |
| 24 | INVOLVEMENT OF ORGANIC ANION TRANSPORTING POLYPEPTIDES IN THE TRANSPORT OF TROGLITAZONE SULFATE: IMPLICATIONS FOR UNDERSTANDING TROGLITAZONE HEPATOTOXICITY. Drug Metabolism and Disposition, 2004, 32, 291-294. | 1.7 | 115 |
| 25 | Effects of polymorphism in promoter region of human CYP2A6 gene (CYP2A6*9) on expression level of messenger ribonucleic acid and enzymatic activity in vivo and in vitro. Clinical Pharmacology and Therapeutics, 2003, 74, 69-76. | 2.3 | 114 |
| 26 | Nobiletin, a citrus flavonoid, improves cognitive impairment and reduces soluble AÎ² levels in a triple transgenic mouse model of Alzheimer's disease (3XTg-AD). Behavioural Brain Research, 2015, 289, 69-77. | 1.2 | 111 |
| 27 | Cigarette smoking substantially alters plasma microRNA profiles in healthy subjects. Toxicology and Applied Pharmacology, 2013, 272, 154-160. | 1.3 | 110 |
| 28 | EXPRESSION OF HUMAN CYTOCHROMES P450 IN CHIMERIC MICE WITH HUMANIZED LIVER. Drug Metabolism and Disposition, 2004, 32, 1402-1410. | 1.7 | 109 |
| 29 | microRNAs as Mediators of Drug Toxicity. Annual Review of Pharmacology and Toxicology, 2013, 53, 377-400. | 4.2 | 104 |
| 30 | Human arylacetamide deacetylase is responsible for deacetylation of rifamycins: Rifampicin, rifabutin, and rifapentine. Biochemical Pharmacology, 2011, 82, 1747-1756. | 2.0 | 103 |
| 31 | Deficient cotinine formation from nicotine is attributed to the whole deletion of the CYP2A6 gene in humans. Clinical Pharmacology and Therapeutics, 2000, 67, 57-69. | 2.3 | 101 |
| 32 | EXPRESSION OF HUMAN PHASE II ENZYMES IN CHIMERIC MICE WITH HUMANIZED LIVER. Drug Metabolism and Disposition, 2005, 33, 1333-1340. | 1.7 | 98 |
| 33 | Kinetic Analyses for Species Differences in P-glycoprotein-Mediated Drug Transport. Journal of Pharmaceutical Sciences, 2006, 95, 2673-2683. | 1.6 | 96 |
| 34 | Glucuronidation of Etoposide in Human Liver Microsomes Is Specifically Catalyzed by UDP-Glucuronosyltransferase 1A1. Drug Metabolism and Disposition, 2003, 31, 589-595. | 1.7 | 95 |
| 35 | IDENTIFICATION OF THE CYTOSOLIC CARBOXYLESTERASE CATALYZING THE 5â€²-DEOXY-5-FLUOROCYTIDINE FORMATION FROM CAPECITABINE IN HUMAN LIVER. Drug Metabolism and Disposition, 2004, 32, 1103-1110. | 1.7 | 93 |
| 36 | Genetic polymorphisms in human CYP2A6 gene causing impaired nicotine metabolism. British Journal of Clinical Pharmacology, 2002, 54, 511-517. | 1.1 | 92 |

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| 37 | Nicotine metabolism and CYP2A6 allele frequencies in Koreans. Pharmacogenetics and Genomics, 2001, 11, 317-323. | 5.7 | 88 |
| 38 | Cytotoxicity and apoptosis produced by troglitazone in human hepatoma cells. Life Sciences, 2001, 70, 471-482. | 2.0 | 87 |
| 39 | Formation of a Novel Quinone Epoxide Metabolite of Troglitazone with Cytotoxic to HepG2 Cells. Drug Metabolism and Disposition, 2002, 30, 155-160. | 1.7 | 84 |
| 40 | Chimeric mice with humanized liver. Toxicology, 2008, 246, 9-17. | 2.0 | 83 |
| 41 | Screening of Specific Inhibitors for Human Carboxylesterases or Arylacetamide Deacetylase. Drug Metabolism and Disposition, 2014, 42, 1103-1109. | 1.7 | 82 |
| 42 | Interindividual Variability in Nicotine Metabolism: C-Oxidation and Glucuronidation. Drug Metabolism and Pharmacokinetics, 2005, 20, 227-235. | 1.1 | 81 |
| 43 | Induction of Human CYP2A6 Is Mediated by the Pregnane X Receptor with Peroxisome Proliferator-Activated Receptor-Î³ Coactivator 1Î±. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 693-702. | 1.3 | 79 |
| 44 | Inhibitory potencies of 1,4-dihydropyridine calcium antagonists to P-glycoprotein-mediated transport: comparison with the effects on CYP3A4. Pharmaceutical Research, 2000, 17, 1189-1197. | 1.7 | 78 |
| 45 | Troglitazone Glucuronidation in Human Liver and Intestine Microsomes: High Catalytic Activity of UGT1A8 and UGT1A10. Drug Metabolism and Disposition, 2002, 30, 1462-1469. | 1.7 | 78 |
| 46 | Metabolic profile of nicotine in subjects whose CYP2A6 gene is deleted. European Journal of Pharmaceutical Sciences, 2004, 22, 419-425. | 1.9 | 78 |
| 47 | Species Differences in UDP-Glucuronosyltransferase Activities in Mice and Rats. Drug Metabolism and Disposition, 2008, 36, 1745-1752. | 1.7 | 78 |
| 48 | In Vitro Evaluation of Inhibitory Effects of Antidiabetic and Antihyperlipidemic Drugs on Human Carboxylesterase Activities. Drug Metabolism and Disposition, 2010, 38, 2173-2178. | 1.7 | 78 |
| 49 | Plasma MicroRNA Profiles in Rat Models of Hepatocellular Injury, Cholestasis, and Steatosis. PLoS ONE, 2012, 7, e30250. | 1.1 | 78 |
| 50 | Inchinkoto, a herbal medicine, and its ingredients dually exert Mrp2/MRP2-mediated choleresis and Nrf2-mediated antioxidative action in rat livers. American Journal of Physiology - Renal Physiology, 2007, 292, G1450-G1463. | 1.6 | 76 |
| 51 | Species Differences in Tissue Distribution and Enzyme Activities of Arylacetamide Deacetylase in Human, Rat, and Mouse. Drug Metabolism and Disposition, 2012, 40, 671-679. | 1.7 | 76 |
| 52 | A novel polymorphism of human gene has an amino acid substitution (V365M) that decreases enzymatic activity in vitro and in vivo. Clinical Pharmacology and Therapeutics, 2004, 76, 519-527. | 2.3 | 75 |
| 53 | Relationship between Hepatic Gene Expression Profiles and Hepatotoxicity in Five Typical Hepatotoxicant-Administered Rats. Toxicological Sciences, 2005, 87, 296-305. | 1.4 | 75 |
| 54 | Toxicological Implications of Modulation of Gene Expression by MicroRNAs. Toxicological Sciences, 2011, 123, 1-14. | 1.4 | 74 |

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| 55 | Human Arylacetamide Deacetylase Is a Principal Enzyme in Flutamide Hydrolysis. Drug Metabolism and Disposition, 2009, 37, 1513-1520. | 1.7 | 73 |
| 56 | In vivo drug metabolism model for human cytochrome P450 enzyme using chimeric mice with humanized liver. Journal of Pharmaceutical Sciences, 2007, 96, 428-437. | 1.6 | 71 |
| 57 | Structure and characterization of human carboxylesterase 1A1, 1A2, and 1A3 genes. Pharmacogenetics and Genomics, 2008, 18, 911-920. | 0.7 | 69 |
| 58 | Critical Enhancer Region to Which AhR/ARNT and Sp1 Bind in the Human CYP1B1 Gene. Journal of Biochemistry, 2003, 133, 583-592. | 0.9 | 68 |
| 59 | GENETIC POLYMORPHISMS OF CYP2C8 IN JAPANESE POPULATION. Drug Metabolism and Disposition, 2003, 31, 687-690. | 1.7 | 67 |
| 60 | Effects of Coexpression of UGT1A9 on Enzymatic Activities of Human UGT1A Isoforms. Drug Metabolism and Disposition, 2007, 35, 747-757. | 1.7 | 67 |
| 61 | Halothane-Induced Liver Injury is Mediated by Interleukin-17 in Mice. Toxicological Sciences, 2009, 111, 302-310. | 1.4 | 67 |
| 62 | INTERINDIVIDUAL DIFFERENCES IN NICOTINE METABOLISM AND GENETIC POLYMORPHISMS OF HUMAN CYP2A6. Drug Metabolism Reviews, 2002, 34, 865-877. | 1.5 | 66 |
| 63 | Human Cytochrome P450 2A13 Efficiently Metabolizes Chemicals in Air Pollutants: Naphthalene, Styrene, and Toluene. Chemical Research in Toxicology, 2008, 21, 720-725. | 1.7 | 66 |
| 64 | ImipramineN-Glucuronidation in Human Liver Microsomes: Biphasic Kinetics and Characterization of UDP-Glucuronosyltransferase Isoforms. Drug Metabolism and Disposition, 2002, 30, 636-642. | 1.7 | 65 |
| 65 | Humanization of Excretory Pathway in Chimeric Mice with Humanized Liver. Toxicological Sciences, 2007, 97, 533-538. | 1.4 | 64 |
| 66 | Interactions between Human UGT1A1, UGT1A4, and UGT1A6 Affect Their Enzymatic Activities. Drug Metabolism and Disposition, 2007, 35, 1781-1787. | 1.7 | 63 |
| 67 | Improved highly sensitive method for determination of nicotine and cotinine in human plasma by high-performance liquid chromatography. Biomedical Applications, 2000, 742, 211-215. | 1.7 | 62 |
| 68 | Pharmacokinetics of Paclitaxel in Ovarian Cancer Patients and Genetic Polymorphisms of CYP2C8, CYP3A4, and MDR1. Journal of Clinical Pharmacology, 2005, 45, 674-682. | 1.0 | 62 |
| 69 | Glucuronidation of Thyroxine in Human Liver, Jejunum, and Kidney Microsomes. Drug Metabolism and Disposition, 2007, 35, 1642-1648. | 1.7 | 62 |
| 70 | MicroRNAs from biology to future pharmacotherapy: Regulation of cytochrome P450s and nuclear receptors. , 2011, 131, 330-337. | | 62 |
| 71 | CYP2A13 expressed in human bladder metabolically activates 4-aminobiphenyl. International Journal of Cancer, 2006, 119, 2520-2526. | 2.3 | 61 |
| 72 | Species Differences of Inhibitory Effects on Pâ€glycoproteinâ€mediateD Drug Transport. Journal of Pharmaceutical Sciences, 2007, 96, 1609-1618. | 1.6 | 61 |

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| 73 | Arylacetamide Deacetylase Is a Determinant Enzyme for the Difference in Hydrolase Activities of Phenacetin and Acetaminophen. Drug Metabolism and Disposition, 2010, 38, 1532-1537. | 1.7 | 60 |
| 74 | Involvement of immune-related factors in diclofenac-induced acute liver injury in mice. Toxicology, 2012, 293, 107-114. | 2.0 | 60 |
| 75 | Homologous Unequal Cross-Over within the Human CYP2A Gene Cluster as a Mechanism for the Deletion of the Entire CYP2A6 Gene Associated with the Poor Metabolizer Phenotype. Journal of Biochemistry, 1999, 126, 402-407. | 0.9 | 58 |
| 76 | CYP2A6 and CYP2B6 are involved in nornicotine formation from nicotine in humans: Interindividual differences in these contributions. Drug Metabolism and Disposition, 2005, 33, 1811-8. | 1.7 | 58 |
| 77 | Metabolic Activation and Inflammation Reactions Involved in Carbamazepine-Induced Liver Injury. Toxicological Sciences, 2012, 130, 4-16. | 1.4 | 58 |
| 78 | Bioactivation of diesel exhaust particle extracts and their major nitrated polycyclic aromatic hydrocarbon components, 1-nitropyrene and dinitropyrenes, by human cytochromes P450 1A1, 1A2, and 1B1. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 472, 129-138. | 0.9 | 56 |
| 79 | TRANS-3â€²-HYDROXYCOTININE O- AND N-GLUCURONIDATIONS IN HUMAN LIVER MICROSOMES. Drug Metabolism and Disposition, 2005, 33, 23-30. | 1.7 | 56 |
| 80 | BIOACTIVATION OF CAPECITABINE IN HUMAN LIVER: INVOLVEMENT OF THE CYTOSOLIC ENZYME ON 5â€²-DEOXY-5-FLUOROCYTIDINE FORMATION. Drug Metabolism and Disposition, 2004, 32, 762-767. | 1.7 | 55 |
| 81 | IN VIVO INDUCTION OF HUMAN CYTOCHROME P450 ENZYMES EXPRESSED IN CHIMERIC MICE WITH HUMANIZED LIVER. Drug Metabolism and Disposition, 2005, 33, 754-763. | 1.7 | 55 |
| 82 | Effects of silver nanoparticles on rat hepatic cytochrome P450 enzyme activity. Xenobiotica, 2012, 42, 854-862. | 0.5 | 54 |
| 83 | Application of Chimeric Mice with Humanized Liver for Predictive ADME. Drug Metabolism Reviews, 2007, 39, 145-157. | 1.5 | 51 |
| 84 | CHARACTERIZATION OF NOVEL CYP2A6 POLYMORPHIC ALLELES (CYP2A6*18 AND CYP2A6*19) THAT AFFECT ENZYMATIC ACTIVITY. Drug Metabolism and Disposition, 2005, 33, 1202-1210. | 1.7 | 49 |
| 85 | A novel CYP2A6*20 allele found in African-American population produces a truncated protein lacking enzymatic activity. Biochemical Pharmacology, 2005, 70, 801-808. | 2.0 | 48 |
| 86 | Development of a Highly Sensitive Cytotoxicity Assay System for CYP3A4-Mediated Metabolic Activation. Drug Metabolism and Disposition, 2011, 39, 1388-1395. | 1.7 | 47 |
| 87 | Human UDP-Glucuronosyltransferase (UGT) 2B10 in DrugN-Glucuronidation: Substrate Screening and Comparison with UGT1A3 and UGT1A4. Drug Metabolism and Disposition, 2013, 41, 1389-1397. | 1.7 | 47 |
| 88 | Evaluation of Approach to Predict the Contribution of Multiple Cytochrome P450s in Drug Metabolism Using Relative Activity Factor: Effects of the Differences in Expression Levels of NADPHâ€“Cytochrome P450 Reductase and Cytochrome b5 in the Expression System and the Differences in the Marker Activities. Journal of Pharmaceutical Sciences, 2002, 91, 952-963. | 1.6 | 46 |
| 89 | Different Inhibitory Effects in Rat and Human Carboxylesterases. Drug Metabolism and Disposition, 2009, 37, 956-961. | 1.7 | 46 |
| 90 | Prilocaine- and Lidocaine-Induced Methemoglobinemia Is Caused by Human Carboxylesterase-, CYP2E1-, and CYP3A4-Mediated Metabolic Activation. Drug Metabolism and Disposition, 2013, 41, 1220-1230. | 1.7 | 46 |

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| 91 | Structure and Proteinâ€“Protein Interactions of Human UDP-Glucuronosyltransferases. Frontiers in Pharmacology, 2016, 7, 388. | 1.6 | 45 |
| 92 | Characterization of Nicotine and CotinineN-Glucuronidations in Human Liver Microsomes. Drug Metabolism and Disposition, 2002, 30, 1484-1490. | 1.7 | 44 |
| 93 | Novel humanCYP2A6alleles confound gene deletion analysis. FEBS Letters, 2004, 569, 75-81. | 1.3 | 44 |
| 94 | Toxicological potential of acyl glucuronides and its assessment. Drug Metabolism and Pharmacokinetics, 2017, 32, 2-11. | 1.1 | 44 |
| 95 | A Novel Duplication Type of CYP2A6 Gene in African-American Population. Drug Metabolism and Disposition, 2007, 35, 515-520. | 1.7 | 42 |
| 96 | Chimeric mice with a humanized liver as an animal model of troglitazone-induced liver injury. Toxicology Letters, 2012, 214, 9-18. | 0.4 | 42 |
| 97 | Toxicological Evaluation of Acyl Glucuronides of Nonsteroidal Anti-Inflammatory Drugs Using Human Embryonic Kidney 293 Cells Stably Expressing Human UDP-Glucuronosyltransferase and Human Hepatocytes. Drug Metabolism and Disposition, 2011, 39, 54-60. | 1.7 | 41 |
| 98 | Retinoid X receptor Î± in human liver is regulated by miR-34a. Biochemical Pharmacology, 2014, 90, 179-187. | 2.0 | 41 |
| 99 | CYP2A13 Metabolizes the Substrates of Human CYP1A2, Phenacetin, and Theophylline. Drug Metabolism and Disposition, 2007, 35, 335-339. | 1.7 | 40 |
| 100 | Essentials for starting a pediatric clinical study (1): Pharmacokinetics in children. Journal of Toxicological Sciences, 2009, 34, SP307-SP312. | 0.7 | 40 |
| 101 | Troglitazone. Handbook of Experimental Pharmacology, 2010, , 419-435. | 0.9 | 40 |
| 102 | Knock Down of Î³-Glutamylcysteine Synthetase in Rat Causes Acetaminophen-induced Hepatotoxicity. Journal of Biological Chemistry, 2007, 282, 23996-24003. | 1.6 | 39 |
| 103 | Interleukin-17 is involved in Î±-naphthylisothiocyanate-induced liver injury in mice. Toxicology, 2010, 275, 50-57. | 2.0 | 39 |
| 104 | Aryl hydrocarbon receptor nuclear translocator in human liver is regulated by miR-24. Toxicology and Applied Pharmacology, 2012, 260, 222-231. | 1.3 | 39 |
| 105 | CYP2A7 Pseudogene Transcript Affects CYP2A6 Expression in Human Liver by Acting as a Decoy for miR-126*. Drug Metabolism and Disposition, 2015, 43, 703-712. | 1.7 | 39 |
| 106 | Induction of Human CYP1A2 and CYP3A4 in Primary Culture of Hepatocytes from Chimeric Mice with Humanized Liver. Drug Metabolism and Pharmacokinetics, 2005, 20, 121-126. | 1.1 | 38 |
| 107 | Metabolic Activation of Benzodiazepines by CYP3A4. Drug Metabolism and Disposition, 2009, 37, 345-351. | 1.7 | 38 |
| 108 | N-Glycosylation plays a role in protein folding of human UGT1A9. Biochemical Pharmacology, 2010, 79, 1165-1172. | 2.0 | 38 |

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| 109 | IL-4 mediates dicloxacillin-induced liver injury in mice. Toxicology Letters, 2011, 200, 139-145. | 0.4 | 38 |
| 110 | Human CYP2A6 is regulated by nuclear factor-erythroid 2 related factor 2. Biochemical Pharmacology, 2011, 81, 289-294. | 2.0 | 38 |
| 111 | Contributions of Arylacetamide Deacetylase and Carboxylesterase 2 to Flutamide Hydrolysis in Human Liver. Drug Metabolism and Disposition, 2012, 40, 1080-1084. | 1.7 | 38 |
| 112 | Th2 cytokineâ€mediated methimazoleâ€induced acute liver injury in mice. Journal of Applied Toxicology, 2012, 32, 823-833. | 1.4 | 38 |
| 113 | Multiparametric assay using HepaRG cells for predicting drug-induced liver injury. Toxicology Letters, 2015, 236, 16-24. | 0.4 | 38 |
| 114 | Interactions between human UDP-glucuronosyltransferase (UGT) 2B7 and UGT1A enzymes. Journal of Pharmaceutical Sciences, 2010, 99, 442-454. | 1.6 | 37 |
| 115 | Product Inhibition of UDP-Glucuronosyltransferase (UGT) Enzymes by UDP Obfuscates the Inhibitory Effects of UGT Substrates. Drug Metabolism and Disposition, 2008, 36, 361-367. | 1.7 | 36 |
| 116 | CYP2C9-Mediated Metabolic Activation of Losartan Detected by a Highly Sensitive Cell-Based Screening Assay. Drug Metabolism and Disposition, 2011, 39, 838-846. | 1.7 | 36 |
| 117 | Estradiol and progesterone modulate halothane-induced liver injury in mice. Toxicology Letters, 2011, 204, 17-24. | 0.4 | 35 |
| 118 | Human UDP-Glucuronosyltransferase Isoforms Involved in Haloperidol Glucuronidation and Quantitative Estimation of Their Contribution. Drug Metabolism and Disposition, 2012, 40, 240-248. | 1.7 | 35 |
| 119 | Morphine Glucuronosyltransferase Activity in Human Liver Microsomes is Inhibited by a Variety of Drugs that are Co-administered with Morphine. Drug Metabolism and Pharmacokinetics, 2007, 22, 103-112. | 1.1 | 34 |
| 120 | An in vitro drug-induced hepatotoxicity screening system using CYP3A4-expressing and Î³-glutamylcysteine synthetase knockdown cells. Toxicology in Vitro, 2010, 24, 1032-1038. | 1.1 | 34 |
| 121 | A Novel Polymorphic Allele of Human Arylacetamide Deacetylase Leads to Decreased Enzyme Activity. Drug Metabolism and Disposition, 2012, 40, 1183-1190. | 1.7 | 34 |
| 122 | Inhibitory Effects of Nicardipine to Cytochrome P450 (CYP) in Human Liver Microsomes. Biological and Pharmaceutical Bulletin, 2005, 28, 882-885. | 0.6 | 33 |
| 123 | A novel cell-based assay for the evaluation of immune- and inflammatory-related gene expression as biomarkers for the risk assessment of drug-induced liver injury. Toxicology Letters, 2016, 241, 60-70. | 0.4 | 33 |
| 124 | Stereoselective Glucuronidation of 5-(4â€²-Hydroxyphenyl)-5-phenylhydantoin by Human UDP-Glucuronosyltransferase (UGT) 1A1, UGT1A9, and UGT2B15: Effects of UGT-UGT Interactions. Drug Metabolism and Disposition, 2007, 35, 1679-1686. | 1.7 | 32 |
| 125 | Evaluation and Mechanistic Analysis of the Cytotoxicity of the Acyl Glucuronide of Nonsteroidal Anti-Inflammatory Drugs. Drug Metabolism and Disposition, 2014, 42, 1-8. | 1.7 | 32 |
| 126 | Carbamazepine-Induced Liver Injury Requires CYP3A-Mediated Metabolism and Glutathione Depletion in Rats. Drug Metabolism and Disposition, 2015, 43, 958-968. | 1.7 | 32 |

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| 127 | Identification of Specific MicroRNA Biomarkers in Early Stages of Hepatocellular Injury, Cholestasis, and Steatosis in Rats. Toxicological Sciences, 2018, 166, 228-239. | 1.4 | 32 |
| 128 | Involvement of Multiple UDP-glucuronosyltransferase 1A Isoforms in Glucuronidation of 5-(4â€²-hydroxyphenyl)-5-phenylhydantoin in Human Liver Microsomes. Drug Metabolism and Disposition, 2002, 30, 1250-1256. | 1.7 | 31 |
| 129 | Transcriptional regulation of human carboxylesterase 1A1 by nuclear factor-erythroid 2 related factor 2 (Nrf2). Biochemical Pharmacology, 2010, 79, 288-295. | 2.0 | 31 |
| 130 | Progesterone Receptor Membrane Component 1 Modulates Human Cytochrome P450 Activities in an Isoform-Dependent Manner. Drug Metabolism and Disposition, 2011, 39, 2057-2065. | 1.7 | 31 |
| 131 | Human Î±/Î² Hydrolase Domain Containing 10 (ABHD10) Is Responsible Enzyme for Deglucuronidation of Mycophenolic Acid Acyl-glucuronide in Liver. Journal of Biological Chemistry, 2012, 287, 9240-9249. | 1.6 | 31 |
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| 133 | Human Paraoxonase 1 Is the Enzyme Responsible for Pilocarpine Hydrolysis. Drug Metabolism and Disposition, 2011, 39, 1345-1352. | 1.7 | 30 |
| 134 | A Novel Mouse Model for Phenytoin-Induced Liver Injury: Involvement of Immune-Related Factors and P450-Mediated Metabolism. Toxicological Sciences, 2013, 136, 250-263. | 1.4 | 30 |
| 135 | Detection of autoantibody to aldolase B in sera from patients with troglitazone-induced liver dysfunction. Toxicology, 2005, 216, 15-23. | 2.0 | 29 |
| 136 | Genetic polymorphisms in the 5â€²-flanking region of human UDP-glucuronosyltransferase 2B7 affect the Nrf2-dependent transcriptional regulation. Pharmacogenetics and Genomics, 2008, 18, 709-720. | 0.7 | 29 |
| 137 | Preparation of a Specific Monoclonal Antibody against Human UDP-Glucuronosyltransferase (UGT) 1A9 and Evaluation of UGT1A9 Protein Levels in Human Tissues. Drug Metabolism and Disposition, 2012, 40, 1620-1627. | 1.7 | 29 |
| 138 | Epigenetic Regulation Is a Crucial Factor in the Repression of UGT1A1 Expression in the Human Kidney. Drug Metabolism and Disposition, 2013, 41, 1738-1743. | 1.7 | 29 |
| 139 | P-Glycoprotein, CYP3A, and Plasma Carboxylesterase Determine Brain and Blood Disposition of the mTOR Inhibitor Everolimus (Afinitor) in Mice. Clinical Cancer Research, 2014, 20, 3133-3145. | 3.2 | 29 |
| 140 | Isoflavones Inhibit NicotineC-Oxidation Catalyzed by Human CYP2A6. Journal of Clinical Pharmacology, 2006, 46, 337-344. | 1.0 | 28 |
| 141 | Glucuronidation of Antiallergic Drug, Tranilast: Identification of Human UDP-Glucuronosyltransferase Isoforms and Effect of Its Phase I Metabolite. Drug Metabolism and Disposition, 2007, 35, 583-589. | 1.7 | 28 |
| 142 | Inhibitory Effects of Neurotransmitters and Steroids on Human CYP2A6. Drug Metabolism and Disposition, 2007, 35, 508-514. | 1.7 | 28 |
| 143 | In silico and in vitro Approaches to Elucidate the Thermal Stability of Human UDP-glucuronosyltransferase (UGT) 1A9. Drug Metabolism and Pharmacokinetics, 2009, 24, 235-244. | 1.1 | 28 |
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