

# Jae-Gook Shin

## List of Publications by Year in descending order

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149  
papers

4,948  
citations

101543

36  
h-index

110387

64  
g-index

151  
all docs

151  
docs citations

151  
times ranked

5779  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Clinical Significance of the Cytochrome P450 2C19 Genetic Polymorphism. <i>Clinical Pharmacokinetics</i> , 2002, 41, 913-958.  | 3.5 | 771       |
| 2  | Clinical Implementation of Pharmacogenomics for Personalized Precision Medicine: Barriers and Solutions. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2368-2379.   | 3.3 | 157       |
| 3  | High-throughput screening of inhibitory potential of nine cytochrome P450 enzymes in vitro using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2651-2658.   | 1.5 | 148       |
| 4  | Development of the "Inje Cocktail" for High-throughput Evaluation of Five Human Cytochrome P450 Isoforms in vivo. <i>Clinical Pharmacology and Therapeutics</i> , 2007, 82, 531-540.   | 4.7 | 121       |
| 5  | Hexachlorophene Inhibits Wnt/ $\beta$ -Catenin Pathway by Promoting Siah-Mediated $\beta$ -Catenin Degradation. <i>Molecular Pharmacology</i> , 2006, 70, 960-966.   | 2.3 | 112       |
| 6  | Frequency of cytochrome P450 2C9 mutant alleles in a Korean population. <i>British Journal of Clinical Pharmacology</i> , 2001, 51, 277-280.   | 2.4 | 107       |
| 7  | Effect of the CYP3A5 genotype on the pharmacokinetics of intravenous midazolam during inhibited and induced metabolic states*1. <i>Clinical Pharmacology and Therapeutics</i> , 2004, 76, 104-112.   | 4.7 | 98        |
| 8  | Protein-kinase-C-mediated $\beta$ -catenin phosphorylation negatively regulates the Wnt/ $\beta$ -catenin pathway. <i>Journal of Cell Science</i> , 2006, 119, 4702-4709.  | 2.0 | 95        |
| 9  | Identification and Functional Characterization of Genetic Variants of Human Organic Cation Transporters in a Korean Population. <i>Drug Metabolism and Disposition</i> , 2007, 35, 667-675.  | 3.3 | 93        |
| 10 | Genetic polymorphisms in Na <sup>+</sup> -taurocholate co-transporting polypeptide (NTCP) and ileal apical sodium-dependent bile acid transporter (ASBT) and ethnic comparisons of functional variants of NTCP among Asian populations. <i>Xenobiotica</i> , 2011, 41, 501-510.                      | 1.1 | 89        |
| 11 | Effects of CYP2C19 and CYP2C9 genetic polymorphisms on the disposition of and blood glucose lowering response to tolbutamide in humans. <i>Pharmacogenetics and Genomics</i> , 2002, 12, 111-119.  | 5.7 | 86        |
| 12 | Simple and accurate quantitative analysis of 20 anti-tuberculosis drugs in human plasma using liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 9-16.  | 2.8 | 85        |
| 13 | Effect of Rifampin on the Pharmacokinetics of Rosiglitazone in Healthy Subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2004, 75, 157-162.  | 4.7 | 82        |
| 14 | LC-MS/MS for the simultaneous analysis of arachidonic acid and 32 related metabolites in human plasma: Basal plasma concentrations and aspirin-induced changes of eicosanoids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 113-121. | 2.3 | 77        |
| 15 | Characterization of Ebastine, Hydroxyebastine, and Carebastine Metabolism by Human Liver Microsomes and Expressed Cytochrome P450 Enzymes: Major Roles for CYP2J2 and CYP3A. <i>Drug Metabolism and Disposition</i> , 2006, 34, 1793-1797.   | 3.3 | 75        |
| 16 | Differential effect of genetic variants of Na <sup>+</sup> -taurocholate co-transporting polypeptide (NTCP) and organic anion-transporting polypeptide 1B1 (OATP1B1) on the uptake of HMG-CoA reductase inhibitors. <i>Xenobiotica</i> , 2011, 41, 24-34.  | 1.1 | 74        |
| 17 | Simple and accurate quantitative analysis of ten antiepileptic drugs in human plasma by liquid chromatography/tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 771-777.  | 2.8 | 70        |
| 18 | Enantioselective disposition of lansoprazole in extensive and poor metabolizers of CYP2C19*. <i>Clinical Pharmacology and Therapeutics</i> , 2002, 72, 90-99.  | 4.7 | 68        |

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|----|--|-----|-----------|
| 19 | Effect of itraconazole on the pharmacokinetics and pharmacodynamics of fexofenadine in relation to the genetic polymorphism. <i>Clinical Pharmacology and Therapeutics</i> , 2005, 78, 191-201.  | 4.7 | 68        |
| 20 | Inhibitory Effects of Tricyclic Antidepressants (TCAs) on Human Cytochrome P450 Enzymes in Vitro: Mechanism of Drug Interaction between TCAs and Phenytoin. <i>Drug Metabolism and Disposition</i> , 2002, 30, 1102-1107.  | 3.3 | 67        |
| 21 | STEREOSELECTIVE METABOLISM OF LANSOPRAZOLE BY HUMAN LIVER CYTOCHROME P450 ENZYMES. <i>Drug Metabolism and Disposition</i> , 2003, 31, 1227-1234.   | 3.3 | 64        |
| 22 | Discovery of Novel Functional Variants and Extensive Evaluation of CYP2D6 Genetic Polymorphisms in Koreans. <i>Drug Metabolism and Disposition</i> , 2009, 37, 1464-1470.  | 3.3 | 64        |
| 23 | Effect of Silymarin Supplement on the Pharmacokinetics of Rosuvastatin. <i>Pharmaceutical Research</i> , 2008, 25, 1807-1814.  | 3.5 | 57        |
| 24 | Diclofenac attenuates Wnt/ $\beta$ -catenin signaling in colon cancer cells by activation of NF- $\kappa$ B. <i>FEBS Letters</i> , 2005, 579, 4213-4218.   | 2.8 | 55        |
| 25 | Identification and Functional Assessment of BCRP Polymorphisms in a Korean Population. <i>Drug Metabolism and Disposition</i> , 2007, 35, 623-632.   | 3.3 | 55        |
| 26 | The Contributions of Cytochromes P450 3A4 and 3A5 to the Metabolism of the Phosphodiesterase Type 5 Inhibitors Sildenafil, Udenafil, and Vardenafil. <i>Drug Metabolism and Disposition</i> , 2008, 36, 986-990.   | 3.3 | 53        |
| 27 | Effect of CYP3A5*3 genotype on the pharmacokinetics and pharmacodynamics of alprazolam in healthy subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 79, 590-599.   | 4.7 | 52        |
| 28 | The effect of ABCG2 $\Delta$ V12M, Q141K and Q126X, known functional variants in vitro, on the disposition of lamivudine. <i>British Journal of Clinical Pharmacology</i> , 2007, 64, 645-654.   | 2.4 | 51        |
| 29 | Identification and functional characterization of novel CYP2J2 variants: G312R variant causes loss of enzyme catalytic activity. <i>Pharmacogenetics and Genomics</i> , 2005, 15, 105-113.   | 1.5 | 50        |
| 30 | Determination of acetylsalicylic acid and its major metabolite, salicylic acid, in human plasma using liquid chromatography-tandem mass spectrometry: application to pharmacokinetic study of Astrix <sup>®</sup> in Korean healthy volunteers. <i>Biomedical Chromatography</i> , 2008, 22, 590-595.          | 1.7 | 49        |
| 31 | Effect of CYP2C9 and VKORC1 genotypes on early-phase and steady-state warfarin dosing in Korean patients with mechanical heart valve replacement. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 103-112.  | 1.5 | 48        |
| 32 | Effect of ketoconazole on the pharmacokinetics of rosiglitazone in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , 2004, 58, 397-402.  | 2.4 | 42        |
| 33 | Cytochrome P450 2B6 Catalyzes the Formation of Pharmacologically Active Sibutramine (N-[1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutyl]-N,N-dimethylamine) Metabolites in Human Liver Microsomes. <i>Drug Metabolism and Disposition</i> , 2008, 36, 1679-1688.  | 3.3 | 40        |
| 34 | High-sensitivity liquid chromatography-tandem mass spectrometry for the simultaneous determination of five drugs and their cytochrome P450-specific probe metabolites in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 895-896, 56-64. | 2.3 | 39        |
| 35 | CYP2C19 Poor Metabolizer Is Associated With Clinical Outcome of Clopidogrel Therapy in Acute Myocardial Infarction But Not Stable Angina. <i>Circulation: Cardiovascular Genetics</i> , 2013, 6, 514-521.  | 5.1 | 39        |
| 36 | In Vitro Assay of Six UDP-Glucuronosyltransferase Isoforms in Human Liver Microsomes, Using Cocktails of Probe Substrates and Liquid Chromatography-Tandem Mass Spectrometry. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1803-1810.  | 3.3 | 39        |

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|----|--|-----|-----------|
| 37 | Comparisons of CYP2C19 Genetic Polymorphisms Between Korean and Vietnamese Populations. <i>Therapeutic Drug Monitoring</i> , 2007, 29, 455-459.  | 2.0 | 38        |
| 38 | Identification of New CYP2C19 Variants Exhibiting Decreased Enzyme Activity in the Metabolism of S-Mephenytoin and Omeprazole. <i>Drug Metabolism and Disposition</i> , 2009, 37, 2262-2269.   | 3.3 | 38        |
| 39 | Association of ABCG2 polymorphism with clinical efficacy of imatinib in patients with gastrointestinal stromal tumor. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 75, 173-182.   | 2.3 | 37        |
| 40 | MDR1 Genetic Polymorphisms and Comparison of MDR1 Haplotype Profiles in Korean and Vietnamese Populations. <i>Therapeutic Drug Monitoring</i> , 2005, 27, 531-535.   | 2.0 | 36        |
| 41 | Murrayafoline A attenuates the Wnt/ $\beta$ -catenin pathway by promoting the degradation of intracellular $\beta$ -catenin proteins. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 915-920.                                       | 2.1 | 35        |
| 42 | Stimulation of protein kinase C $\delta$ suppresses colon cancer cell proliferation by down-regulation of $\beta$ -catenin. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2171-2180.   | 3.6 | 33        |
| 43 | Effect of CYP2C19 Genetic Polymorphism on Pharmacokinetics and Pharmacodynamics and Pharmacodynamics of a New Proton Pump Inhibitor, Ilaprazole. <i>Journal of Clinical Pharmacology</i> , 2012, 52, 976-984.  | 2.0 | 33        |
| 44 | Genetic Polymorphism of CYP2C9 in a Vietnamese Kinh Population. <i>Therapeutic Drug Monitoring</i> , 2005, 27, 208-210.  | 2.0 | 32        |
| 45 | Simultaneous determination of ebastine and its three metabolites in plasma using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 813, 75-80.         | 2.3 | 31        |
| 46 | Determination of two HMG-CoA reductase inhibitors, pravastatin and pitavastatin, in plasma samples using liquid chromatography-tandem mass spectrometry for pharmaceutical study. <i>Biomedical Chromatography</i> , 2008, 22, 131-135.                      | 1.7 | 31        |
| 47 | The monoterpenoids citral and geraniol are moderate inhibitors of CYP2B6 hydroxylase activity. <i>Chemico-Biological Interactions</i> , 2008, 174, 141-146.  | 4.0 | 31        |
| 48 | Characterization of Benidipine and Its Enantiomers' Metabolism by Human Liver Cytochrome P450 Enzymes. <i>Drug Metabolism and Disposition</i> , 2007, 35, 1518-1524.   | 3.3 | 30        |
| 49 | Identification and Characterization of Potent CYP2B6 Inhibitors in Woohwangcheongsimwon Suspension, an Herbal Preparation Used in the Treatment and Prevention of Apoplexy in Korea and China. <i>Drug Metabolism and Disposition</i> , 2008, 36, 1010-1015. | 3.3 | 30        |
| 50 | What Does it Take to Make Model-Informed Precision Dosing Common Practice? Report from the 1st Asian Symposium on Precision Dosing. <i>AAPS Journal</i> , 2019, 21, 17.  | 4.4 | 29        |
| 51 | Ilaprazole, a new proton pump inhibitor, is primarily metabolized to ilaprazole sulfone by CYP3A4 and 3A5. <i>Xenobiotica</i> , 2012, 42, 278-284.   | 1.1 | 27        |
| 52 | Role of 14-3-3 sigma in over-expression of P-gp by rifampin and paclitaxel stimulation through interaction with PXR. <i>Cellular Signalling</i> , 2017, 31, 124-134.   | 3.6 | 27        |
| 53 | The CYP3A4*18 Allele, the Most Frequent Coding Variant in Asian Populations, Does Not Significantly Affect the Midazolam Disposition in Heterozygous Individuals. <i>Drug Metabolism and Disposition</i> , 2007, 35, 2095-2101.                              | 3.3 | 26        |
| 54 | Glucuronidation of fimasartan, a new angiotensin receptor antagonist, is mainly mediated by UGT1A3. <i>Xenobiotica</i> , 2015, 45, 10-18.  | 1.1 | 26        |

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|----|---|-----|-----------|
| 55 | Casein Kinase 2 (CK2)-mediated Phosphorylation of Hsp90 $\alpha$ as a Novel Mechanism of Rifampin-induced MDR1 Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 17029-17040.   | 3.4 | 26        |
| 56 | Inhibitory Interaction Potential of 22 Antituberculosis Drugs on Organic Anion and Cation Transporters of the SLC22A Family. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6558-6567.  | 3.2 | 26        |
| 57 | Genetic polymorphism of hepatocyte nuclear factor-4 $\alpha$ influences human cytochrome P450 2D6 activity. <i>Hepatology</i> , 2008, 48, 635-645.  | 7.3 | 25        |
| 58 | Contribution of GABRG2 Polymorphisms to Risk of Epilepsy and Febrile Seizure: a Multicenter Cohort Study and Meta-analysis. <i>Molecular Neurobiology</i> , 2016, 53, 5457-5467.  | 4.0 | 25        |
| 59 | Stereoselective inhibition of cytochrome P450 forms by lansoprazole and omeprazole in vitro. <i>Xenobiotica</i> , 2005, 35, 27-38.  | 1.1 | 24        |
| 60 | Duplex pyrosequencing assay of the 388A $\rightarrow$ G and 521T $\rightarrow$ C SLC1B1 polymorphisms in three Asian populations. <i>Clinica Chimica Acta</i> , 2008, 388, 68-72.   | 1.1 | 23        |
| 61 | Effects of clopidogrel and itraconazole on the disposition of efavirenz and its hydroxyl metabolites: exploration of a novel CYP2B6 phenotyping index. <i>British Journal of Clinical Pharmacology</i> , 2013, 75, 244-253.   | 2.4 | 23        |
| 62 | Pharmacogenetic Study of Deferasirox, an Iron Chelating Agent. <i>PLoS ONE</i> , 2013, 8, e64114.   | 2.5 | 23        |
| 63 | Isoreserpine promotes $\beta$ -catenin degradation via Shiah-1 up-regulation in HCT116 colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 444-449.   | 2.1 | 22        |
| 64 | Discovery of a Novel Allelic Variant of CYP2C8, CYP2C8*11, in Asian Populations and Its Clinical Effect on the Rosiglitazone Disposition In Vivo. <i>Drug Metabolism and Disposition</i> , 2011, 39, 711-716.   | 3.3 | 21        |
| 65 | The pharmacokinetic and pharmacodynamic interaction of clopidogrel and cilostazol in relation to CYP2C19 and CYP3A5 genotypes. <i>British Journal of Clinical Pharmacology</i> , 2016, 81, 301-312.   | 2.4 | 21        |
| 66 | Characterization of 22 Antituberculosis Drugs for Inhibitory Interaction Potential on Organic Anionic Transporter Polypeptide (OATP)-Mediated Uptake. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3096-3105.   | 3.2 | 21        |
| 67 | Determination of benidipine in human plasma using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 805, 311-314.   | 2.3 | 20        |
| 68 | Identification of novel CYP4F2 genetic variants exhibiting decreased catalytic activity in the conversion of arachidonic acid to 20-hydroxyeicosatetraenoic acid (20-HETE). <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 131, 6-13.                                   | 2.2 | 20        |
| 69 | Analysis of benidipine enantiomers in human plasma by liquid chromatography-mass spectrometry using a macrocyclic antibiotic (Vancomycin) chiral stationary phase column. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 814, 75-81. | 2.3 | 19        |
| 70 | Duplex pyrosequencing of the TPMT $\Delta$ 3C and TPMT $\Delta$ 6 alleles in Korean and Vietnamese populations. <i>Clinica Chimica Acta</i> , 2008, 398, 82-85.   | 1.1 | 19        |
| 71 | Identification of CYP19A1 single-nucleotide polymorphisms and their haplotype distributions in a Korean population. <i>Journal of Human Genetics</i> , 2010, 55, 189-193.   | 2.3 | 19        |
| 72 | Low Serum Concentrations of Moxifloxacin, Prothionamide, and Cycloserine on Sputum Conversion in Multi-Drug Resistant TB. <i>Yonsei Medical Journal</i> , 2015, 56, 961.  | 2.2 | 19        |

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|----|---|-----|-----------|
| 73 | Analysis of genetic polymorphism and biochemical characterization of a functionally decreased variant in prostacyclin synthase gene (CYP8A1) in humans. Archives of Biochemistry and Biophysics, 2015, 569, 10-18.  | 3.0 | 19        |
| 74 | Comprehensive Substrate Characterization of 22 Antituberculosis Drugs for Multiple Solute Carrier (SLC) Uptake Transporters <i>In Vitro</i>. Antimicrobial Agents and Chemotherapy, 2018, 62, .   | 3.2 | 19        |
| 75 | Potential of pranlukast and zafirlukast in the inhibition of human liver cytochrome P450 enzymes. Xenobiotica, 2004, 34, 429-438.   | 1.1 | 18        |
| 76 | A haplotype of <i>CYP2C9</i> associated with warfarin sensitivity in mechanical heart valve replacement patients. British Journal of Clinical Pharmacology, 2010, 70, 213-221.  | 2.4 | 18        |
| 77 | Robust CYP2D6 genotype assay including copy number variation using multiplex single-base extension for Asian populations. Clinica Chimica Acta, 2010, 411, 2043-2048.   | 1.1 | 18        |
| 78 | Evaluation of <i>para</i>-Aminosalicylic Acid as a Substrate of Multiple Solute Carrier Uptake Transporters and Possible Drug Interactions with Nonsteroidal Anti-inflammatory Drugs <i>In Vitro</i>. Antimicrobial Agents and Chemotherapy, 2017, 61, .                                | 3.2 | 18        |
| 79 | The effect of <i>Ginkgo biloba</i> extracts on the pharmacokinetics and pharmacodynamics of cilostazol and its active metabolites in healthy <sc>K</sc>orean subjects. British Journal of Clinical Pharmacology, 2014, 77, 821-830.   | 2.4 | 17        |
| 80 | Cost Effectiveness of Genotype-Guided Warfarin Dosing in Patients with Mechanical Heart Valve Replacement Under the Fee-for-Service System. Applied Health Economics and Health Policy, 2017, 15, 657-667.  | 2.1 | 17        |
| 81 | Increased serum bile acid concentration following low-dose chronic administration of thioacetamide in rats, as evidenced by metabolomic analysis. Toxicology and Applied Pharmacology, 2015, 288, 213-222.  | 2.8 | 16        |
| 82 | Absolute bioavailability and pharmacokinetics of the angiotensin II receptor antagonist fimasartan in healthy subjects. Journal of Clinical Pharmacology, 2016, 56, 576-580.  | 2.0 | 16        |
| 83 | Expression of CYP4V2 in human THP1 macrophages and its transcriptional regulation by peroxisome proliferator-activated receptor gamma. Toxicology and Applied Pharmacology, 2017, 330, 100-106.   | 2.8 | 16        |
| 84 | Genetic Variations in UDP-glucuronosyltransferase 2B7 Gene (UGT2B7) in a Korean Population. Drug Metabolism and Pharmacokinetics, 2010, 25, 398-402.  | 2.2 | 15        |
| 85 | The disposition of three phosphodiesterase type 5 inhibitors, vardenafil, sildenafil, and udenafil, is differently influenced by the CYP3A5 genotype. Pharmacogenetics and Genomics, 2011, 21, 820-828.   | 1.5 | 15        |
| 86 | Multiple Cytochrome P450 Isoforms Are Involved in the Generation of a Pharmacologically Active Thiol Metabolite, whereas Paraoxonase 1 and Carboxylesterase 1 Catalyze the Formation of a Thiol Metabolite Isomer from Ticlopidine. Drug Metabolism and Disposition, 2014, 42, 141-152. | 3.3 | 15        |
| 87 | NAT2 slow acetylator is associated with anti-tuberculosis drug-induced liver injury severity in Indonesian population. Pharmacogenomics, 2019, 20, 1303-1311.   | 1.3 | 15        |
| 88 | Chlorpropamide 2-hydroxylation is catalysed by CYP2C9 and CYP2C19 in vitro: chlorpropamide disposition is influenced by CYP2C9, but not by CYP2C19 genetic polymorphism. British Journal of Clinical Pharmacology, 2005, 59, 552-563.   | 2.4 | 14        |
| 89 | Pomegranate juice does not affect the disposition of simvastatin in healthy subjects. European Journal of Drug Metabolism and Pharmacokinetics, 2016, 41, 339-344.  | 1.6 | 14        |
| 90 | Rifampin enhances cytochrome P450 (CYP) 2B6-mediated efavirenz 8-hydroxylation in healthy volunteers. Drug Metabolism and Pharmacokinetics, 2016, 31, 107-116.  | 2.2 | 14        |

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|-----|---|-----|-----------|
| 91  | A Randomized, Double-Blind Trial Comparing the Pharmacokinetics of CT-P16, a Candidate Bevacizumab Biosimilar, with its Reference Product in Healthy Adult Males. <i>BioDrugs</i> , 2019, 33, 173-181.  | 4.6 | 14        |
| 92  | Isoniazid Population Pharmacokinetics and Dose Recommendation for Korean Patients With Tuberculosis Based on Target Attainment Analysis. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 1567-1578.   | 2.0 | 14        |
| 93  | Survey of physicians' views on the clinical implementation of pharmacogenomics-based personalized therapy. <i>Translational and Clinical Pharmacology</i> , 2020, 28, 34.   | 0.9 | 14        |
| 94  | Simultaneous determination of udenafil and its active metabolite, DA-164, in human plasma and urine using ultra-performance liquid chromatography-tandem mass spectrometry: application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2008, 22, 939-946. | 1.7 | 13        |
| 95  | Itraconazole and Rifampin Alter Significantly the Disposition and Antihistamine Effect of Ebastine and Its Metabolites in Healthy Participants. <i>Journal of Clinical Pharmacology</i> , 2010, 50, 195-204.  | 2.0 | 13        |
| 96  | Simple and Sensitive Assay of Torasemide in Human Plasma by High-Performance Liquid Chromatography Using a Monolithic Silica Column. <i>Chromatographia</i> , 2004, 60, 639-643.  | 1.3 | 12        |
| 97  | Characterization of urinary metabolites as biomarkers of colistin-induced nephrotoxicity in rats by a liquid chromatography/mass spectrometry-based metabolomics approach. <i>Toxicology Letters</i> , 2016, 248, 52-60.  | 0.8 | 12        |
| 98  | Functional characterization of a common CYP4F11 genetic variant and identification of functionally defective CYP4F11 variants in erythromycin metabolism and 20-HETE synthesis. <i>Archives of Biochemistry and Biophysics</i> , 2017, 620, 43-51.                        | 3.0 | 12        |
| 99  | Development of population pharmacokinetics model of isoniazid in Indonesian patients with tuberculosis. <i>International Journal of Infectious Diseases</i> , 2022, 117, 8-14.  | 3.3 | 12        |
| 100 | Identification of a null allele of cytochrome P450 3A7: CYP3A7 polymorphism in a Korean population. <i>Molecular Biology Reports</i> , 2010, 37, 213-217.   | 2.3 | 11        |
| 101 | Effects of woohwangcheongsimwon suspension on the pharmacokinetics of bupropion and its active metabolite, 4-hydroxybupropion, in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , 2010, 70, 126-131.  | 2.4 | 11        |
| 102 | Resolution of a clinical AmpliChip CYP450 Test, no call: discovery and characterization of novel CYP2D6*1 haplotypes. <i>Pharmacogenomics</i> , 2014, 15, 1175-1184.  | 1.3 | 11        |
| 103 | Characterization of the cytochrome P450 enzymes involved in the metabolism of a new cardioprotective agent KR-33028. <i>Toxicology Letters</i> , 2006, 166, 105-114.  | 0.8 | 10        |
| 104 | The Tyrosine Kinase Inhibitor Nilotinib Selectively Inhibits CYP2C8 Activities in Human Liver Microsomes. <i>Drug Metabolism and Pharmacokinetics</i> , 2013, 28, 462-467.  | 2.2 | 10        |
| 105 | Pharmacokinetics and Pharmacodynamics of Tegoprazan Coadministered With Amoxicillin and Clarithromycin in Healthy Subjects. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 913-922.  | 2.0 | 10        |
| 106 | A 10-gene biosignature of tuberculosis treatment monitoring and treatment outcome prediction. <i>Tuberculosis</i> , 2021, 131, 102138.  | 1.9 | 10        |
| 107 | The effect of CYP2C19 genotype on the time course of platelet aggregation inhibition after clopidogrel administration. <i>Journal of Clinical Pharmacology</i> , 2014, 54, 850-857.   | 2.0 | 9         |
| 108 | Genetic polymorphisms of CYP2C9, CYP2C19, CYP2D6, CYP3A4, and CYP3A5 in Vietnamese-Koreans. <i>Translational and Clinical Pharmacology</i> , 2014, 22, 70.  | 0.9 | 8         |

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|-----|---|-----|-----------|
| 109 | Population Pharmacokineticâ€“Pharmacodynamic Analysis to Compare the Effect of Moxifloxacin on QT Interval Prolongation Between Healthy Korean and Japanese Subjects. <i>Clinical Therapeutics</i> , 2016, 38, 2610-2621.                               | 2.5 | 8         |
| 110 | Influences of cytochrome b5 expression and its genetic variant on the activity of CYP2C9, CYP2C19 and CYP3A4. <i>Drug Metabolism and Pharmacokinetics</i> , 2019, 34, 201-208.  | 2.2 | 8         |
| 111 | Semi-Automated Therapeutic Drug Monitoring as a Pillar toward Personalized Medicine for Tuberculosis Management. <i>Pharmaceutics</i> , 2022, 14, 990.  | 4.5 | 8         |
| 112 | In vitro metabolism of a new cardioprotective agent, KR-32570, in human liver microsomes. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 837-843.   | 1.5 | 7         |
| 113 | <i>In vitro</i> metabolism and transport of the new dipeptidyl peptidase 4 inhibitors, KR66222 and KR66223. <i>Xenobiotica</i> , 2011, 41, 445-455.   | 1.1 | 7         |
| 114 | Comparative pharmacokinetics of a fixed-dose combination vs concomitant administration of telmisartan and S-amlodipine in healthy adult volunteers. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 3543-3550.                           | 4.3 | 7         |
| 115 | Physiologically Based Pharmacokinetic Modeling Approach to Predict Drugâ€“Drug Interactions With Ethionamide Involving Impact of Genetic Polymorphism on FMO3. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 880-889.                             | 2.0 | 7         |
| 116 | In vitro metabolism of a new cardioprotective agent, KR-33028 in the human liver microsomes and cryopreserved human hepatocytes. <i>Archives of Pharmacal Research</i> , 2005, 28, 1287-1292.   | 6.3 | 6         |
| 117 | Effect of HNF4 $\alpha$ genetic polymorphism G60D on the pharmacokinetics of CYP2D6 substrate tolterodine in healthy Korean individuals. <i>Pharmacogenetics and Genomics</i> , 2013, 23, 175-179.  | 1.5 | 6         |
| 118 | Development of a Physiologically Based Pharmacokinetic Model of Ethionamide in the Pediatric Population by Integrating Flavinâ€“Containing Monooxygenase 3 Maturation Changes Over Time. <i>Journal of Clinical Pharmacology</i> , 2018, 58, 1347-1360. | 2.0 | 6         |
| 119 | Effects of clopidogrel and clarithromycin on the disposition of sibutramine and its active metabolites M1 and M2 in relation to CYP2B6*6 polymorphism. <i>Xenobiotica</i> , 2013, 43, 211-218.  | 1.1 | 5         |
| 120 | Development of a Multiplex and Cost-Effective Genotype Test toward More Personalized Medicine for the Antiplatelet Drug Clopidogrel. <i>International Journal of Molecular Sciences</i> , 2014, 15, 7699-7710.  | 4.1 | 5         |
| 121 | Antiepileptic drug-induced severe cutaneous adverse reactions and <i>HLA</i> alleles: A report of five cases with lymphocyte activation test. <i>Translational and Clinical Pharmacology</i> , 2019, 27, 64.  | 0.9 | 5         |
| 122 | Pharmacokinetics of Single Doses of BI 425809 in Healthy Chinese and Japanese Subjects: A Randomized Study. <i>Clinical Therapeutics</i> , 2019, 41, 961-971.   | 2.5 | 5         |
| 123 | Effect of Cilostazol on the Pharmacokinetics of Simvastatin in Healthy Subjects. <i>BioMed Research International</i> , 2019, 2019, 1-6.  | 1.9 | 5         |
| 124 | Single Nucleotide Polymorphisms in SULT1A1 and SULT1A2 in a Korean Population. <i>Drug Metabolism and Pharmacokinetics</i> , 2013, 28, 372-377.   | 2.2 | 4         |
| 125 | Enantioselective N-Demethylation and Hydroxylation of Sibutramine in Human Liver Microsomes and Recombinant Cytochrome P-450 Isoforms. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 1419-1430.            | 2.3 | 4         |
| 126 | Rifampin Induces Expression of P-glycoprotein on the THP1 Cellâ€“Derived Macrophages, Causing Decrease Intramacrophage Concentration of Prothionamide. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3106-3111.                                | 3.3 | 4         |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Identification and functional characterization of CYP4V2 genetic variants exhibiting decreased activity of lauric acid metabolism. <i>Annals of Human Genetics</i> , 2020, 84, 400-411.   | 0.8 | 4         |
| 128 | Inhibition of 20-hydroxyeicosatetraenoic acid (20-HETE) glucuronidation by non-steroidal anti-inflammatory drugs in human liver microsomes and recombinant UDP-glucuronosyltransferase enzymes. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 153, 102055.   | 2.2 | 4         |
| 129 | Effect of rifampin on enantioselective disposition and anti-hypertensive effect of benidipine. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 737-745.   | 2.4 | 3         |
| 130 | Identification and functional study of genetic polymorphisms in cyclic nucleotide phosphodiesterase 3A (PDE3A). <i>Annals of Human Genetics</i> , 2021, 85, 80-91.  | 0.8 | 3         |
| 131 | Para-aminosalicylic acid significantly reduced tenofovir exposure in human subjects; mismatched findings from in vitro to in vivo translational research. <i>British Journal of Clinical Pharmacology</i> , 2021, , .   | 2.4 | 3         |
| 132 | Physiologically-based pharmacokinetic modeling of nafamostat to support dose selection for treatment of pediatric patients with COVID-19. <i>Translational and Clinical Pharmacology</i> , 2022, 30, 24.  | 0.9 | 3         |
| 133 | Enzyme kinetic study of a new cardioprotective agent, KR-32570 using human liver microsomes and recombinant CYP isoforms. <i>Archives of Pharmacal Research</i> , 2007, 30, 469-474.  | 6.3 | 2         |
| 134 | The virological response in Koreans infected with HCV genotype 1 did not differ between groups treated with a full dose or reduced dose (80% full dose) of peginterferon alfa-2a: a prospective randomized multicenter trial. <i>Hepatology International</i> , 2013, 7, 1000-1009. | 4.2 | 2         |
| 135 | The frequency of the known mitochondrial variants associated with drug-induced toxicity in a Korean population. <i>BMC Medical Genomics</i> , 2022, 15, 3.  | 1.5 | 2         |
| 136 | Characterization of Clofazimine as a Potential Substrate of Drug Transporter. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0215821.  | 3.2 | 2         |
| 137 | Center for Personalized Precision Medicine for Tuberculosis: Smart Research and Development Workstation. <i>Healthcare Informatics Research</i> , 2022, 28, 176-180.  | 1.9 | 2         |
| 138 | Rapid genotyping of the genetic variants of organic anion transporter 1 (OAT1), R50H, R23W, R454Q, and S505C>T, by pyrosequencing method. <i>Journal of Pharmaceutical Investigation</i> , 2012, 42, 71-76.   | 5.3 | 1         |
| 139 | Genetic Variations in UDP-glucuronosyltransferase 2B15 in a Korean Population. <i>Drug Metabolism and Pharmacokinetics</i> , 2014, 29, 105-109.   | 2.2 | 1         |
| 140 | The Effect of Age on the Pharmacokinetics of Udenafil in Healthy Subjects. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 1372-1377.   | 2.0 | 1         |
| 141 | Associations between HLA-A, -B, and -C alleles and iodinated contrast media-induced hypersensitivity in Koreans. <i>Translational and Clinical Pharmacology</i> , 2021, 29, 107.  | 0.9 | 1         |
| 142 | The Pharmacogenomics of Cytochrome P450s: From Molecular to Clinical Application. , 2014, , 345-370.  |     | 1         |
| 143 | Reply to: Letter to the Editor "Impact of the CYP2C19*17 Polymorphism on the Pharmacokinetics and Pharmacodynamics of Proton Pump Inhibitors". <i>Journal of Clinical Pharmacology</i> , 2013, 53, 360-360.   | 2.0 | 0         |
| 144 | Ongoing Initiatives in Bringing the Preemptive Panel-Based Pharmacogenetic Testing to Clinical Decisions in Vietnam. <i>IFMBE Proceedings</i> , 2022, , 553-567.  | 0.3 | 0         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | The Development of Automated Bed-allocation Expert System in Clinical Research Ward. Journal of the Korean Society for Clinical Pharmacology and Therapeutics, 2012, 20, 51.   | 0.1 | 0         |
| 146 | Bioequivalence of Generic Nortriptyline Tablet. Journal of the Korean Society for Clinical Pharmacology and Therapeutics, 1993, 1, 3.  | 0.1 | 0         |
| 147 | Assessment of Efficacy and Safety of Haloxazolam in Psychiatric Patients with Insomnia. Journal of the Korean Society for Clinical Pharmacology and Therapeutics, 1995, 3, 36.   | 0.1 | 0         |
| 148 | THE EFFECTS OF CANDIDATE GENE IN PKPD PATHWAY ON ANTIPSYCHOTICS-INDUCED AMENORRHEA IN FEMALE SCHIZOPHRENIA PATIENTS. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-10-24. | 0.0 | 0         |
| 149 | Effects of cytochrome b5 expression and its genetic variant on the activity of CYP2C9, CYP2C19 and CYP3A4. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-14-15.           | 0.0 | 0         |