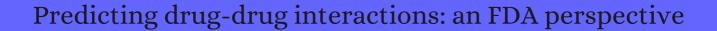
CITATION REPORT List of articles citing



DOI: 10.1208/s12248-009-9106-3 AAPS Journal, 2009, 11, 300-6.

Source: https://exaly.com/paper-pdf/46563112/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| # | Paper | IF | Citations |
|-----|---|----|-----------|
| 201 | Scientific and regulatory perspectives on metabolizing enzyme-transporter interplay and its role in drug interactions: challenges in predicting drug interactions. 2009 , 6, 1766-74 | | 55 |
| 200 | Transporter-mediated drug-drug interaction in renal and hepatic elimination processes. 2010 , 135, 34- | 7 | |
| 199 | Quantitative clinical pharmacology is transforming drug regulation. 2010 , 37, 617-28 | | 19 |
| 198 | Drug interactions evaluation: an integrated part of risk assessment of therapeutics. 2010 , 243, 134-45 | | 98 |
| 197 | Therapeutic protein-drug interactions and implications for drug development. 2010 , 87, 497-503 | | 124 |
| 196 | Combining targeted therapies: practical issues to consider at the bench and bedside. 2010 , 15, 37-50 | | 38 |
| 195 | In vivo and In vitro Drug Interactions Study of Glimepride with Atorvastatin and Rosuvastatin. 2010 , 2, 196-200 | | 14 |
| 194 | Current Strategies and Future Trends. 2010 , 353-429 | | |
| 193 | Human Biotransformation. 2010 , 1-77 | | 7 |
| 192 | The use of herbal preparations as complementary and alternative medicine (CAM) in a sample of patients with cancer in Jordan. 2010 , 16, 208-12 | | 57 |
| 191 | CYP-mediated therapeutic protein-drug interactions: clinical findings, proposed mechanisms and regulatory implications. 2010 , 49, 295-310 | | 87 |
| 190 | Doxycycline for malaria chemoprophylaxis and treatment: report from the CDC expert meeting on malaria chemoprophylaxis. 2011 , 84, 517-31 | | 133 |
| 189 | Herbal preparation use by patients suffering from cancer in Palestine. 2011 , 17, 235-40 | | 54 |
| 188 | Regulatory Considerations in Metabolism- and Transporter-Based Drug Interactions. 2011 , 413-429 | | |
| 187 | Metabolic-based drug-drug interactions prediction, recent approaches for risk assessment along drug development. 2011 , 26, 147-68 | | 11 |
| 186 | Drug transporters of platinum-based anticancer agents and their clinical significance. 2011 , 14, 22-34 | | 154 |
| 185 | Physiologically-based pharmacokinetics in drug development and regulatory science. 2011 , 51, 45-73 | | 472 |

Principles of Pharmacokinetics: Predicting Human Pharmacokinetics in Drug Discovery. 2011, 197-228 184 The neuroprotective agent DP-b99 does not interact with s-warfarin in vivo despite significant 183 CYP2C9 inhibition in vitro. 2011, 108, 289-92 Drugs in porphyria: From observation to a modern algorithm-based system for the prediction of 182 36 porphyrogenicity. **2011**, 132, 158-69 The use of 13C-erythromycin as an in vivo probe to evaluate CYP3A-mediated drug interactions in 181 6 rats. 2011, 100, 3995-4005 Automated applications of sandwich-cultured hepatocytes in the evaluation of hepatic drug 180 6 transport. 2011, 16, 427-35 Luciferin IPA-based higher throughput human hepatocyte screening assays for CYP3A4 inhibition 179 24 and induction. 2011, 16, 903-9 ABC multidrug transporters: target for modulation of drug pharmacokinetics and drug-drug 178 123 interactions. 2011, 12, 600-20 Quinidine as an ABCB1 probe for testing drug interactions at the blood-brain barrier: an in vitro in 25 vivo correlation study. **2011**, 16, 886-94 Evaluation of organic anion-transporting polypeptide 1B1 and CYP3A4 activities in primary human hepatocytes and HepaRG cells cultured in a dynamic three-dimensional bioreactor system. 2012, 176 17 343, 145-56 Predicting drug interaction potential with a physiologically based pharmacokinetic model: a case 175 34 study of telithromycin, a time-dependent CYP3A inhibitor. 2012, 91, 700-8 Analytical Method Development and Validation in Accordance to the Regulatory Guidelines. 2012, 1 174 The Challenges Involved in Modeling Toxicity Data In Silico: A Review. 2012, 18, 1266-1291 173 Drug-drug interaction through molecular structure similarity analysis. 2012, 19, 1066-74 172 121 Predicting the drug interaction potential of AMG 853, a dual antagonist of the D-prostanoid and chemoattractant receptor-homologous molecule expressed on T helper 2 cells receptors. Drug 171 4 Metabolism and Disposition, 2012, 40, 2239-49 Breast cancer resistance protein (ABCG2) determines distribution of genistein phase II metabolites: reevaluation of the roles of ABCG2 in the disposition of genistein. Drug Metabolism and Disposition, 170 4 49 2012, 40, 1883-93 169 The challenges involved in modeling toxicity data in silico: a review. 2012, 18, 1266-91 67 Physiologically based pharmacokinetic models: integration of in silico approaches with micro cell 168 10 culture analogues. 2012, 13, 863-80 INDI: a computational framework for inferring drug interactions and their associated 167 131 recommendations. 2012, 8, 592

166 Drug**D**rug Interactions 1: Inhibition. **2012**, 1

| 165 | Introduction to Drug Metabolism. 2012 , 285-300 | 3 |
|-----|---|-----|
| 164 | Mechanisms and Genetics of Drug Transport. 2012 , 217-237 | |
| 163 | In Silico Models of Drug Metabolism and Drug Interactions. 2012 , 1 | 1 |
| 162 | Potential P-glycoprotein-mediated drug-drug interactions of antimalarial agents in Caco-2 cells. 2012 , 87, 64-9 | 10 |
| 161 | Inhibition of CYP2D6-mediated tramadol O-demethylation in methadone but not buprenorphine maintenance patients. 2012 , 74, 835-41 | 18 |
| 160 | Fingerprint-based in silico models for the prediction of P-glycoprotein substrates and inhibitors. 2012 , 20, 5388-95 | 55 |
| 159 | Intestinal Transporters. 2012 , 430-451 | |
| 158 | Optimal ADME Properties for Clinical Candidate and Investigational New Drug (IND) Package. 2012 , 15-28 | 2 |
| 157 | Physiologically-Based Pharmacokinetic Modeling of Populations. 2012 , 383-399 | |
| 156 | Overview of Drug Metabolism and Pharmacokinetics with Applications in Drug Discovery and Development in China. 2012 , 109-127 | |
| 155 | Organotypic liver culture models: meeting current challenges in toxicity testing. 2012 , 42, 501-48 | 252 |
| 154 | Computational prediction of metabolism: sites, products, SAR, P450 enzyme dynamics, and mechanisms. 2012 , 52, 617-48 | 212 |
| 153 | Pharmacokinetic drug interaction between gemfibrozil and sitagliptin in healthy Indian male volunteers. 2012 , 68, 709-14 | 16 |
| 152 | Impact of genetic polymorphism on drug-drug interactions mediated by cytochromes: a general approach. <i>AAPS Journal</i> , 2013 , 15, 1242-52 | 34 |
| 151 | Drug transporters in drug discovery and development. 2013 , 633-674 | 2 |
| 150 | In vitro approach to predict post-translational phosphorylation response to mixtures. 2013 , 313, 113-21 | 9 |
| 149 | Induction of cytochrome P450 enzymes in primary equine hepatocyte culture. 2013 , 27, 2023-30 | 9 |

| 148 | Informatics confronts drug-drug interactions. 2013 , 34, 178-84 | | 101 |
|-----|--|-----|-----|
| 147 | A physiologically based pharmacokinetic modeling approach to predict disease-drug interactions: suppression of CYP3A by IL-6. 2013 , 94, 260-8 | | 62 |
| 146 | How is a metabolic intermediate formed in the mechanism-based inactivation of cytochrome P450 by using 1,1-dimethylhydrazine: hydrogen abstraction or nitrogen oxidation?. 2013 , 19, 7361-9 | | 30 |
| 145 | A network inference method for large-scale unsupervised identification of novel drug-drug interactions. 2013 , 9, e1003374 | | 36 |
| 144 | Text Mining Driven Drug-Drug Interaction Detection. 2013 , 349-355 | | 17 |
| 143 | P-glycoprotein increases portal bioavailability of loperamide in mouse by reducing first-pass intestinal metabolism. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 642-50 | 4 | 15 |
| 142 | Application of a higher throughput approach to derive apparent Michaelis-Menten constants of isoform-selective p450-mediated biotransformation reactions in human hepatocytes. 2014 , 8, 2-11 | | 6 |
| 141 | Effect of botanical immunomodulators on human CYP3A4 inhibition: implications for concurrent use as adjuvants in cancer therapy. 2014 , 13, 167-75 | | 17 |
| 140 | Evaluation of drug interaction potential of Labisia pumila (Kacip Fatimah) and its constituents. 2014 , 5, 178 | | 18 |
| 139 | Pharmacokinetic non-interaction analysis in a fixed-dose formulation in combination of atorvastatin and ezetimibe. 2014 , 5, 261 | | 8 |
| 138 | A numerical method for analysis of in vitro time-dependent inhibition data. Part 1. Theoretical considerations. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 1575-86 | 4 | 19 |
| 137 | Polyamines and membrane transporters. 2014 , 46, 655-60 | | 69 |
| 136 | Domperidone interacts with pioglitazone but not with ondansetron via common CYP metabolism in vitro. 2014 , 44, 792-803 | | 4 |
| 135 | In pursuit of the ideal antifungal agent for Candida infections: high-throughput screening of small molecules. 2014 , 19, 1721-1730 | | 40 |
| 134 | In Vitro Approaches to Study Drug D rug Interactions. 2014 , 441-484 | | 1 |
| 133 | MDR1 and OAT1/OAT3 mediate the drug-drug interaction between puerarin and methotrexate. 2014 , 31, 1120-32 | | 23 |
| 132 | Use of different parameters and equations for calculation of ICIValues in efflux assays: potential sources of variability in ICIV etermination. AAPS Journal, 2014, 16, 172-80 | 3.7 | 35 |
| 131 | A case study of in silico modelling of ciprofloxacin hydrochloride/metallic compound interactions. 2014 , 15, 270-8 | | 6 |

| 130 | Mining clinical text for signals of adverse drug-drug interactions. 2014 , 21, 353-62 | | 104 |
|--------------------------|---|---|---|
| 129 | QSAR analysis of the effects of OATP1B1 transporter by structurally diverse natural products using a particle swarm optimization-combined multiple linear regression approach. 2014 , 130, 84-90 | | 16 |
| 128 | ADME Profiling. 2015 , 353-377 | | 1 |
| 127 | Biotransformation of Xenobiotics. 2015 , 172-211 | | |
| 126 | Combining Targeted Therapies. 2015 , 14-26 | | |
| 125 | Obatoclax as a perpetrator in drug-drug interactions and its efficacy in multidrug resistance cell lines. 2015 , 67, 1575-84 | | 5 |
| 124 | In Vitro Evaluation of Reversible and Time-Dependent Inhibitory Effects of Kalanchoe crenata on CYP2C19 and CYP3A4 Activities. 2015 , 9, 48-62 | | 8 |
| 123 | Hepatocyte-Based Metabolism, Drug D rug Interaction, and Toxicity Assays in Drug Discovery and Drug Development to Minimize Attrition. 2015 , 1-15 | | |
| 122 | . 2015, | | 5 |
| | | | |
| 121 | Large-scale exploration and analysis of drug combinations. 2015 , 31, 2007-16 | | 79 |
| 121 | Large-scale exploration and analysis of drug combinations. 2015 , 31, 2007-16 Effects of Ayurvedic Rasayana botanicals on CYP3A4 isoenzyme system. 2015 , 13, 165-72 | | 79 4 |
| | | | |
| 120 | Effects of Ayurvedic Rasayana botanicals on CYP3A4 isoenzyme system. 2015 , 13, 165-72 | | 4 |
| 120 119 | Effects of Ayurvedic Rasayana botanicals on CYP3A4 isoenzyme system. 2015 , 13, 165-72 Diclofenac- and Pantoprazole-Induced Rhabdomyolysis: A Potential Drug Interaction. 2015 , 2, 10 | | 3 |
| 120 119 118 | Effects of Ayurvedic Rasayana botanicals on CYP3A4 isoenzyme system. 2015 , 13, 165-72 Diclofenac- and Pantoprazole-Induced Rhabdomyolysis: A Potential Drug Interaction. 2015 , 2, 10 Membrane Assays to Characterize Interaction of Drugs with ABCB1. 2015 , 248, 967-77 In silico methods for predicting drug-drug interactions with cytochrome P-450s, transporters and | 4 | 436 |
| 120 119 118 | Effects of Ayurvedic Rasayana botanicals on CYP3A4 isoenzyme system. 2015, 13, 165-72 Diclofenac- and Pantoprazole-Induced Rhabdomyolysis: A Potential Drug Interaction. 2015, 2, 10 Membrane Assays to Characterize Interaction of Drugs with ABCB1. 2015, 248, 967-77 In silico methods for predicting drug-drug interactions with cytochrome P-450s, transporters and beyond. 2015, 86, 46-60 In Vivo Imaging of Human MDR1 Transcription in the Brain and Spine of MDR1-Luciferase Reporter | 4 | 4 3 6 24 |
| 120 119 118 117 | Effects of Ayurvedic Rasayana botanicals on CYP3A4 isoenzyme system. 2015, 13, 165-72 Diclofenac- and Pantoprazole-Induced Rhabdomyolysis: A Potential Drug Interaction. 2015, 2, 10 Membrane Assays to Characterize Interaction of Drugs with ABCB1. 2015, 248, 967-77 In silico methods for predicting drug-drug interactions with cytochrome P-450s, transporters and beyond. 2015, 86, 46-60 In Vivo Imaging of Human MDR1 Transcription in the Brain and Spine of MDR1-Luciferase Reporter Mice. Drug Metabolism and Disposition, 2015, 43, 1646-54 Inhibition of P-glycoprotein Gene Expression and Function Enhances Triptolide-induced | 4 | 4 3 6 24 9 |

Pharmacokinetic interactions between drugs and dietary supplements: herbal supplements. **2015**, 47-68

| 111 | Discovery of AZD6642, an inhibitor of 5-lipoxygenase activating protein (FLAP) for the treatment of inflammatory diseases. 2015 , 58, 897-911 | 33 |
|-----|--|-----|
| 110 | Inhibition of CYP2B6 by Medicinal Plant Extracts: Implication for Use of Efavirenz and Nevirapine-Based Highly Active Anti-Retroviral Therapy (HAART) in Resource-Limited Settings. 2016 , 21, | 25 |
| 109 | In Vitro Reversible and Time-Dependent CYP450 Inhibition Profiles of Medicinal Herbal Plant Extracts Newbouldia laevis and Cassia abbreviata: Implications for Herb-Drug Interactions. 2016 , 21, | 19 |
| 108 | Generalized enrichment analysis improves the detection of adverse drug events from the biomedical literature. 2016 , 17, 250 | 9 |
| 107 | P-gp, MRP2 and OAT1/OAT3 mediate the drug-drug interaction between resveratrol and methotrexate. 2016 , 306, 27-35 | 38 |
| 106 | A probabilistic approach for collective similarity-based drug-drug interaction prediction. 2016 , 32, 3175-3182 | 61 |
| 105 | The Role of Interaction Model in Simulation of Drug Interactions and QT Prolongation. 2016 , 2, 339-344 | 10 |
| 104 | Downregulation of Organic Anion Transporting Polypeptide (OATP) 1B1 Transport Function by Lysosomotropic Drug Chloroquine: Implication in OATP-Mediated Drug-Drug Interactions. 2016 , 13, 839-51 | 22 |
| 103 | Evaluating the Disposition of a Mixed Aldehyde Oxidase/Cytochrome P450 Substrate in Rats with Attenuated P450 Activity. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 1296-303 | 15 |
| 102 | Complementary and alternative medicine use among cancer patients in Palestine with special reference to safety-related concerns. 2016 , 187, 104-22 | 30 |
| 101 | Modulation of CYPs, P-gp, and PXR by Eschscholzia californica (California Poppy) and Its Alkaloids. 2016 , 82, 551-8 | 8 |
| 100 | TargetNet: a web service for predicting potential drug-target interaction profiling via multi-target SAR models. 2016 , 30, 413-24 | 118 |
| 99 | Introduction to Organ Fabrication. 2016 , 1-30 | |
| 98 | Tissue Engineering for the Heart. 2016 , | |
| 97 | The regulation of human hepatic drug transporter expression by activation of xenobiotic-sensing nuclear receptors. 2016 , 12, 1463-1477 | 14 |
| 96 | Modeling Organic Anion-Transporting Polypeptide 1B1 Inhibition to Elucidate Interaction Risks in Early Drug Design. 2016 , 105, 3214-3220 | 2 |
| 95 | African Lettuce (Launaea taraxacifolia) Displays Possible Anticancer Effects and Herb-Drug Interaction Potential by CYP1A2, CYP2C9, and CYP2C19 Inhibition. 2016 , 20, 528-37 | 11 |

| 94 | Factors that Impact the Developability of Drug Candidates. 2016 , 1-18 | | 2 |
|----|--|---|----|
| 93 | Discovery and Optimization of 1-Phenoxy-2-aminoindanes as Potent, Selective, and Orally Bioavailable Inhibitors of the Na/H Exchanger Type 3 (NHE3). 2016 , 59, 8812-8829 | | 6 |
| 92 | Leveraging syntactic and semantic graph kernels to extract pharmacokinetic drug drug interactions from biomedical literature. 2016 , 10 Suppl 3, 67 | | 11 |
| 91 | Assessment of cytochrome P450 inhibition and induction potential of lupeol and betulin in rat liver microsomes. 2016 , 31, 115-22 | | 7 |
| 90 | Pharmacokinetic herb-drug interactions with traditional Chinese medicine: progress, causes of conflicting results and suggestions for future research. 2016 , 48, 1-26 | | 39 |
| 89 | Feasibility of Prioritizing Drug-Drug-Event Associations Found in Electronic Health Records. 2016 , 39, 45-57 | | 29 |
| 88 | Predicting the Effect of CYP3A Inducers on the Pharmacokinetics of Substrate Drugs Using Physiologically Based Pharmacokinetic (PBPK) Modeling: An Analysis of PBPK Submissions to the US FDA. 2016 , 55, 475-83 | | 66 |
| 87 | Emtricitabine is a substrate of MATE1 but not of OCT1, OCT2, P-gp, BCRP or MRP2 transporters. 2017 , 47, 77-85 | | 23 |
| 86 | Preincubation-dependent and long-lasting inhibition of organic anion transporting polypeptide (OATP) and its impact on drug-drug interactions. 2017 , 177, 67-80 | | 41 |
| 85 | Monitoring drug-serum protein interactions for early ADME prediction through Surface Plasmon Resonance technology. 2017 , 144, 188-194 | | 29 |
| 84 | Gold nanoparticles based sensor for in vitro analysis of drug-drug interactions using imipramine and isoniazid drugs: A proof of concept approach. 2017 , 252, 1055-1062 | | 8 |
| 83 | Application of Static Modelingin the Prediction of In Vivo Drug-Drug Interactions between Rivaroxaban and Antiarrhythmic Agents Based on In Vitro Inhibition Studies. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 260-268 | 4 | 16 |
| 82 | Prediction of drug-drug interaction potential using physiologically based pharmacokinetic modeling. 2017 , 40, 1356-1379 | | 36 |
| 81 | Integration of Genome Scale Metabolic Networks and Gene Regulation of Metabolic Enzymes With Physiologically Based Pharmacokinetics. 2017 , 6, 732-746 | | 10 |
| 80 | MDR1 and BCRP Transporter-Mediated Drug-Drug Interaction between Rilpivirine and Abacavir and Effect on Intestinal Absorption. 2017 , 61, | | 18 |
| 79 | ChemSAR: an online pipelining platform for molecular SAR modeling. 2017 , 9, 27 | | 29 |
| 78 | Metabolite profiling and enzyme reaction phenotyping of luseogliflozin, a sodium-glucose cotransporter 2 inhibitor, in humans. 2017 , 47, 332-345 | | 11 |
| 77 | Drug-Drug Interactions (DDIs) Detection from On-Line Health Forums: Bi-Submodular Optimization (BSMO). 2017 , | | |

(2018-2018)

| 76 | Ribociclib shows potential for pharmacokinetic drug-drug interactions being a substrate of ABCB1 and potent inhibitor of ABCB1, ABCG2 and CYP450 isoforms in vitro. 2018 , 154, 10-17 | 29 |
|----|---|----------|
| 75 | Human and mouse artificial chromosome technologies for studies of pharmacokinetics and toxicokinetics. 2018 , 33, 17-30 | 15 |
| 74 | Relationships of Changes in Pharmacokinetic Parameters of Substrate Drugs in Drug-Drug Interactions on Metabolizing Enzymes and Transporters. 2018 , 58, 1053-1060 | 2 |
| 73 | New insights in the in vitro characterisation and molecular modelling of the P-glycoprotein inhibitory promiscuity. 2018 , 121, 85-94 | 10 |
| 72 | Detection of drug-drug interactions through data mining studies using clinical sources, scientific literature and social media. 2018 , 19, 863-877 | 62 |
| 71 | Translational High-Dimensional Drug Interaction Discovery and Validation Using Health Record Databases and Pharmacokinetics Models. 2018 , 103, 287-295 | 14 |
| 70 | Bush mint (Hyptis suaveolens) and spreading hogweed (Boerhavia diffusa) medicinal plant extracts differentially affect activities of CYP1A2, CYP2D6 and CYP3A4 enzymes. 2018 , 211, 58-69 | 15 |
| 69 | Identification of ⊡or (⊡1)-Hydroxylated Medium-Chain Acylcarnitines as Novel Urinary Biomarkers for CYP3A Activity. 2018 , 103, 879-887 | 8 |
| 68 | Pharmacological, Physiochemical, and Drug-Relevant Biological Properties of Short Chain Fatty Acid Hexosamine Analogues Used in Metabolic Glycoengineering. 2018 , 15, 705-720 | 8 |
| 67 | GA-ADE: a novel approach based on graph algorithm to improves the detection of adverse drug events. 2018 , 77, 3493-3507 | 1 |
| 66 | Predicting adverse drug reactions of combined medication from heterogeneous pharmacologic databases. 2018 , 19, 517 | 10 |
| 65 | Dose adjustment in orphan disease populations: the quest to fulfill the requirements of physiologically based pharmacokinetics. 2018 , 14, 1315-1330 | 7 |
| 64 | A Novel PBPK Modeling Approach to Assess Cytochrome P450 Mediated Drug-Drug Interaction Potential of the Cytotoxic Prodrug Evofosfamide. 2018 , 7, 829-837 | 2 |
| 63 | Application of in vitro CYP and transporter assays to predict clinical drug-drug interactions. 2018 , 10, 619-623 | 8 |
| 62 | HPLC-high-resolution mass spectrometry with polarity switching for increasing throughput of human in vitro cocktail drug-drug interaction assay. 2018 , 10, 659-671 | 1 |
| 61 | A fully automated and validated human plasma LC-MS/MS assay for endogenous OATP biomarkers coproporphyrin-I and coproporphyrin-III. 2018 , 10, 691-701 | 9 |
| 60 | Considerations from the Innovation and Quality Induction Working Group in Response to Drug-Drug Interaction Guidances from Regulatory Agencies: Focus on CYP3A4 mRNA In Vitro 4 Response Thresholds, Variability, and Clinical Relevance. <i>Drug Metabolism and Disposition</i> , 2018 , 46, 1285-130 | 25)3 |
| 59 | Drug D rug Interaction Studies. 2018 , 1-20 | |
| | | |

58 Early Drug Development. **2018**, 549-580

| 57 | Cloning and Transcriptional Activity Analysis of the Porcine Abcb1 Gene Promoter: Transcription Factor Sp1 Regulates the Expression of Porcine Abcb1. 2018 , 9, 373 | 3 |
|----|---|----|
| 56 | Regulation of Organic Anion Transporting Polypeptides (OATP) 1B1- and OATP1B3-Mediated Transport: An Updated Review in the Context of OATP-Mediated Drug-Drug Interactions. 2018 , 19, | 42 |
| 55 | Organic Anion-Transporting Polypeptide Genes Are Not Induced by the Pregnane X Receptor Activator Rifampin: Studies in Hepatocytes In Vitro and in Monkeys In Vivo. <i>Drug Metabolism and ADisposition</i> , 2019 , 47, 1433-1442 | 9 |
| 54 | Evaluation of potential herbal-drug interactions of a standardized propolis extract (EPP-AFII) using an in vivo cocktail approach. 2019 , 245, 112174 | 19 |
| 53 | Ultra-High-Precision, Pharmacokinetic Measurements Highlight the Need for and a Route Toward More Highly Personalized Medicine. 2019 , 6, 69 | 14 |
| 52 | Quantitative prediction of hepatic CYP3A activity using endogenous markers in healthy subjects after administration of CYP3A inhibitors or inducers. 2019 , 34, 247-252 | 8 |
| 51 | Transcriptomic profiling identifies novel mechanisms of transcriptional regulation of the cytochrome P450 (Cyp)3a11 gene. 2019 , 9, 6663 | 7 |
| 50 | Safe and Appropriate Use of Methadone in Hospice and Palliative Care: Expert Consensus White Paper. 2019 , 57, 635-645.e4 | 24 |
| 49 | Simultaneous determination of donepezil, 6-O-desmethyl donepezil and spinosin in beagle dog plasma using liquid chromatography-tandem mass spectrometry and its application to a drug-drug interaction study. 2020 , 178, 112919 | 3 |
| 48 | Design, Synthesis, and Pharmacological Evaluation of Potent Positive Allosteric Modulators of the Glucagon-like Peptide-1 Receptor (GLP-1R). 2020 , 63, 2292-2307 | 9 |
| 47 | Deep learning for drug-drug interaction extraction from the literature: a review. 2020 , 21, 1609-1627 | 20 |
| 46 | Adverse pharmacokinetic interactions between illicit substances and clinical drugs. 2020 , 52, 44-65 | 9 |
| 45 | Drug D rug Interaction Studies. 2020 , 827-846 | |
| 44 | Antagonistic interaction between TTA-A2 and paclitaxel for anti-cancer effects by complex formation with T-type calcium channel. 2020 , 1-12 | 12 |
| 43 | Considerations for interactions of drugs used for the treatment of COVID-19 with anti-cancer treatments. 2020 , 151, 102982 | 15 |
| 42 | Ser100-Phosphorylated ROR Orchestrates CAR and HNF4 to Form Active Chromatin Complex in Response to Phenobarbital to Regulate Induction of CYP2B6. 2020 , 97, 191-201 | 3 |
| 41 | Fundamentals of physiologically based pharmacokinetic modeling. 2020 , 57-80 | 1 |

| 40 | Natural Products as Modulators of CES1 Activity. <i>Drug Metabolism and Disposition</i> , 2020 , 48, 993-1007 | 4 | 5 |
|----|--|---|----|
| 39 | Biological network analysis with deep learning. 2021 , 22, 1515-1530 | | 21 |
| 38 | Physiologically-based pharmacokinetic modeling after drug inhalation. 2021 , 319-358 | | 1 |
| 37 | Clinical Investigation of Metabolic and Renal Clearance Pathways Contributing to the Elimination of Fevipiprant Using Probenecid as Perpetrator. <i>Drug Metabolism and Disposition</i> , 2021 , 49, 389-394 | 4 | 1 |
| 36 | Influence of vitamin D treatment on functional expression of drug disposition pathways in human kidney proximal tubule cells during simulated uremia. 2021 , 51, 657-667 | | |
| 35 | Messenger RNA Expression of Albumin, Transferrin, Transthyretin, Asialoglycoprotein Receptor, Cytochrome P450 Isoform, Uptake Transporter, and Efflux Transporter Genes as a Function of Culture Duration in Prolonged Cultured Cryopreserved Human Hepatocytes as Collagen-Matrigel | 4 | Ο |
| 34 | Drug-Metabolizing Enzymes and Drug Toxicity. 2021 , 79-137 | | |
| 33 | A prospective whole-mixture approach to assess risk of the food and chemical exposome. | | 4 |
| 32 | Review of unsupervised pretraining strategies for molecules representation. 2021 , 20, 323-332 | | 6 |
| 31 | Effect of Water Extract of Mangosteen Pericarp on Donepezil Pharmacokinetics in Mice. 2021 , 26, | | 1 |
| 30 | Non-competitive interactions between hydroxychloroquine and azithromycin: Systematic density functional, molecular dynamics, and docking calculations. 2021 , 777, 138745 | | 2 |
| 29 | Application of Deep Neural Network Models in Drug Discovery Programs. 2021, | | O |
| 28 | Scientific Perspectives on Therapeutic Protein Drug D rug Interaction Assessments. 1 | | 1 |
| 27 | Pharmacokinetics and Bioavailability Enhancement of Natural Products. 2020 , 109-141 | | 2 |
| 26 | Provenance-Centered Dataset of Drug-Drug Interactions. 2015 , 293-300 | | 7 |
| 25 | Introduction to Drug-Drug Interactions. 2018 , 1-13 | | 1 |
| 24 | Piceatannol exhibits potential food-drug interactions through the inhibition of human UDP-glucuronosyltransferase (UGT) in Vitro. 2020 , 67, 104890 | | 3 |
| 23 | Network neighbors of drug targets contribute to drug side-effect similarity. 2011 , 6, e22187 | | 75 |

| 22 | Detection of drug-drug interactions by modeling interaction profile fingerprints. 2013, 8, e58321 | 61 |
|----|---|----|
| 21 | Cytochrome P450 Enzymes, Drug Transporters and their Role in Pharmacokinetic Drug-Drug Interactions of Xenobiotics: A Comprehensive Review. 001-011 | 3 |
| 20 | Prediction of Drug-Drug Interactions Related to Inhibition or Induction of Drug-Metabolizing Enzymes. 2019 , 19, 319-336 | 12 |
| 19 | Inhibition of major drug metabolizing CYPs by common herbal medicines used by HIV/AIDS patients in Africa implications for herb-drug interactions. 2014 , 7, 83-95 | 32 |
| 18 | Pharmacokinetic drug interactions in liver disease: An update. 2016 , 22, 1260-78 | 43 |
| 17 | Drug-transporter interaction testing in drug discovery and development. 2013 , 2, 35 | 10 |
| 16 | Drug Interactions. 2014 , 351-371 | |
| 15 | Probe Cocktail Studies. 2018 , 259-284 | |
| 14 | Potential Drug-drug Interactions in Post-CCU of a Teaching Hospital. 2013 , 12, 243-8 | 8 |
| 13 | Learning signals of adverse drug-drug interactions from the unstructured text of electronic health records. 2013 , 2013, 83-7 | 3 |
| 12 | Mechanisms and genetics of drug transport. 2022 , 213-239 | O |
| 11 | The Effect of Oral Letermovir Administration on the Pharmacokinetics of a Single Oral Dose of P-Glycoprotein Substrate Digoxin in Healthy Volunteers. 2021 , | O |
| 10 | A Review of Approaches for Predicting Drug-Drug Interactions Based on Machine Learning 2021 , 12, 814858 | 1 |
| 9 | Ceftazidime and cefepime antagonize 5-fluorouracils effect in colon cancer cells 2022, 22, 125 | |
| 8 | Approaches to minimize the effects of P-glycoprotein in drug transport: A review 2022, | 2 |
| 7 | Drug ū rug interactions and their implications on the pharmacokinetics of the drugs. 2022 , 291-322 | |
| 6 | A multi-task graph convolutional network modeling of drug-drug interactions and synergistic efficacy. 2021 , | |
| 5 | Table_1.docx. 2019 , | |

CITATION REPORT

| 4 | A review of bioinformatics tools and web servers in different microarray platforms used in cancer research. <i>Advances in Protein Chemistry and Structural Biology</i> , 2022 , | 5.3 | O |
|---|---|-----|---|
| 3 | Transporters in Regulatory Science: Notable Contributions from Dr. Giacomini in the Past Two Decades. <i>Drug Metabolism and Disposition</i> , DMD-MR-2021-000706 | 4 | 1 |
| 2 | Knowledge Mining of Interactions between Drugs from the Extensive Literature with a Novel Graph-Convolutional-Network-Based Method. 2023 , 12, 311 | | 1 |
| 1 | Development of a Rapid LC-MS/MS Method for Simultaneous Quantification of Donepezil and Tadalafil in Rat Plasma: Its Application in a Pharmacokinetic Interaction Study after Oral Administration in Rats. 2023 , 28, 2352 | | O |