Ichiro Ieiri

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Polymorphisms of OATP-C (SLC21A6) and OAT3 (SLC22A8) genes: Consequences for pravastatin pharmacokinetics. Clinical Pharmacology and Therapeutics, 2003, 73, 554-565.	2.3	466
2	Different contributions of polymorphisms in VKORC1 and CYP2C9 to intra- and inter-population differences in maintenance dose of warfarin in Japanese, Caucasians and African-Americans. Pharmacogenetics and Genomics, 2006, 16, 101-110.	0.7	326
3	Role of human MDR1 gene polymorphism in bioavailability and interaction of digoxin, a substrate of P-glycoprotein*. Clinical Pharmacology and Therapeutics, 2002, 72, 209-219.	2.3	275
4	FUNCTIONAL ASSESSMENT OFABCG2(BCRP) GENE POLYMORPHISMS TO PROTEIN EXPRESSION IN HUMAN PLACENTA. Drug Metabolism and Disposition, 2005, 33, 94-101.	1.7	269
5	Polymorphism of the ABC transporter genes, MDR1, MRP1 and MRP2/cMOAT, in healthy Japanese subjects. Pharmacogenetics and Genomics, 2001, 11, 175-184.	5.7	242
6	Functional Analysis of SNPs Variants of BCRP/ABCG2. Pharmaceutical Research, 2004, 21, 1895-1903.	1.7	231
7	Genetic polymorphisms of uptake (OATP1B1, 1B3) and efflux (MRP2, BCRP) transporters: implications for inter-individual differences in the pharmacokinetics and pharmacodynamics of statins and other clinically relevant drugs. Expert Opinion on Drug Metabolism and Toxicology, 2009, 5, 703-729.	1.5	194
8	Genetic Polymorphism of Cytochrome P450s, CYP2C19, and CYP2C9 in a Japanese Population. Therapeutic Drug Monitoring, 1998, 20, 243-247.	1.0	188
9	Human organic cation transporter (OCT1 and OCT2) gene polymorphisms and therapeutic effects of metformin. Journal of Human Genetics, 2007, 52, 117-122.	1.1	182
10	Effects of organic anion transporting polypeptide 1B1 haplotype on pharmacokinetics of pravastatin, valsartan, and temocapril. Clinical Pharmacology and Therapeutics, 2006, 79, 427-439.	2.3	173
11	The Effects of Genetic Polymorphisms of CYP2C9 and CYP2C 19 on Phenytoin Metabolism in Japanese Adult Patients with Epilepsy: Studies in Stereoselective Hydroxylation and Population Pharmacokinetics. Epilepsia, 1998, 39, 1317-1323.	2.6	171
12	Neurotoxicity induced by tacrolimus after liver transplantation: relation to genetic polymorphisms of the ABCB1 (MDR1) gene. Transplantation, 2002, 74, 571-572.	0.5	164
13	Association of pharmacokinetic (CYP2C9) and pharmacodynamic (factors II, VII, IX, and X; proteins S and) Tj ET	Qq1_1_0.78	34314 rgBT /(150
14	Functional analysis of single nucleotide polymorphisms of hepatic organic anion transporter OATP1B1 (OATP-C). Pharmacogenetics and Genomics, 2004, 14, 749-757.	5.7	140
15	The MDR1 (ABCB1) Gene Polymorphism and its Clinical Implications. Clinical Pharmacokinetics, 2004, 43, 553-576.	1.6	138
16	Polymorphism of the cytochrome P450 (CYP) 2C9 gene in Japanese epileptic patients: genetic analysis of the CYP2C9 locus. Pharmacogenetics and Genomics, 2000, 10, 85-89.	5.7	135
17	Functional Significance of Genetic Polymorphisms in P-glycoprotein (MDR1, ABCB1) and Breast Cancer Resistance Protein (BCRP, ABCG2). Drug Metabolism and Pharmacokinetics, 2012, 27, 85-105.	1.1	134
18	Pharmacokinetics of omeprazole (a substrate of CYP2C19) and comparison with two mutant alleles, CYP2C19m1 in exon 5 and CYP2C19m2 in exon 4, in Japanese subjects*. Clinical Pharmacology and Therapeutics, 1996, 59, 647-653.	2.3	123

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19	Polymorphism in human organic cation transporters and metformin action. Pharmacogenomics, 2008, 9, 415-422.	0.6	119
20	Pharmacokinetic interaction study of sulphasalazine in healthy subjects and the impact of curcumin as an <i>in vivo</i> inhibitor of BCRP. British Journal of Pharmacology, 2012, 166, 1793-1803.	2.7	118
21	Genetic Polymorphism of the CYP2C Subfamily and Excessive Serum Phenytoin Concentration With Central Nervous System Intoxication. Therapeutic Drug Monitoring, 2000, 22, 230-232.	1.0	118
22	Microdosing Clinical Study: Pharmacokinetic, Pharmacogenomic (<i>SLCO2B1</i>), and Interaction (Grapefruit Juice) Profiles of Celiprolol Following the Oral Microdose and Therapeutic Dose. Journal of Clinical Pharmacology, 2012, 52, 1078-1089.	1.0	91
23	An updated review of pharmacokinetic drug interactions and pharmacogenetics of statins. Expert Opinion on Drug Metabolism and Toxicology, 2020, 16, 809-822.	1.5	78
24	Genetic polymorphisms and functional characterization of the 5′-flanking region of the human CYP2C9 gene: In vitro and in vivo studies. Clinical Pharmacology and Therapeutics, 2001, 70, 175-182.	2.3	76
25	Catalytic Activity of Three Variants (Ile, Leu, and Thr) at Amino Acid Residue 359 in Human CYP2C9 Gene and Simultaneous Detection Using Single-Strand Conformation Polymorphism Analysis. Therapeutic Drug Monitoring, 2000, 22, 237-244.	1.0	76
26	Evaluation of in vivo P-glycoprotein function at the blood-brain barrier among MDR1 gene polymorphisms by using 11C-verapamil. Journal of Nuclear Medicine, 2006, 47, 1427-33.	2.8	73
27	Pharmacogenetic determinants of variability in lipid-lowering response to pravastatin therapy. Journal of Human Genetics, 2006, 51, 822-826.	1.1	64
28	Drug–drug interactions that interfere with statin metabolism. Expert Opinion on Drug Metabolism and Toxicology, 2015, 11, 1435-1447.	1.5	63
29	Apple juice greatly reduces systemic exposure to atenolol. British Journal of Clinical Pharmacology, 2013, 75, 172-179.	1.1	60
30	Genetic polymorphisms of drug transporters: pharmacokinetic and pharmacodynamic consequences in pharmacotherapy. Expert Opinion on Drug Metabolism and Toxicology, 2006, 2, 651-674.	1.5	52
31	Effect of OATP1B1 genotypes on plasma concentrations of endogenous OATP1B1 substrates and drugs, and their association in healthy volunteers. Drug Metabolism and Pharmacokinetics, 2019, 34, 78-86.	1.1	51
32	Allelic expression imbalance of the human CYP3A4 gene and individual phenotypic status. Human Molecular Genetics, 2004, 13, 2959-2969.	1.4	49
33	Life-threatening toxicities in a patient with UGT1A1*6/*28 and SLCO1B1*15/*15 genotypes after irinotecan-based chemotherapy. Cancer Chemotherapy and Pharmacology, 2009, 63, 1165-1169.	1.1	49
34	Pharmacokinetic and pharmacogenomic profiles of telmisartan after the oral microdose and therapeutic dose. Pharmacogenetics and Genomics, 2011, 21, 495-505.	0.7	44
35	Influence of common variants in the pharmacokinetic genes (OATP-C, UGT1A1, and MRP2) on serum bilirubin levels in healthy subjects. Hepatology Research, 2004, 30, 91-95.	1.8	43
36	5′-Flanking region polymorphisms of CYP2C9 and their relationship to S-warfarin metabolism in white and Japanese patients. Blood, 2004, 103, 3055-3057.	0.6	43

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37	Small-Dosing Clinical Study: Pharmacokinetic, Pharmacogenomic (SLCO2B1 and ABCG2), and Interaction (Atorvastatin and Grapefruit Juice) Profiles of 5 Probes for OATP2B1 and BCRP. Journal of Pharmaceutical Sciences, 2017, 106, 2688-2694.	1.6	43
38	Reliability of the omeprazole hydroxylation index for CYP2C19 phenotyping: possible effect of age, liver disease and length of therapy. British Journal of Clinical Pharmacology, 1999, 47, 115-119.	1.1	41
39	Clarification of the Mechanism of Clopidogrel-Mediated Drug-Drug Interaction in a Clinical Cassette Small-dose Study and Its Prediction Based on In Vitro Information. Drug Metabolism and Disposition, 2016, 44, 1622-1632.	1.7	41
40	ldentification of drug transporters contributing to oxaliplatinâ€induced peripheral neuropathy. Journal of Neurochemistry, 2019, 148, 373-385.	2.1	40
41	Severe Toxicities After Irinotecan-Based Chemotherapy in a Patient With Lung Cancer: A Homozygote for the SLCO1B1*15 Allele. Therapeutic Drug Monitoring, 2007, 29, 666-668.	1.0	36
42	Pharmacokinetic interaction between pravastatin and olmesartan in relation to SLCO1B1 polymorphism. Journal of Human Genetics, 2008, 53, 899-904.	1.1	36
43	The change of pharmacokinetics of fexofenadine enantiomers through the single and simultaneous grapefruit juice ingestion. Drug Metabolism and Pharmacokinetics, 2015, 30, 352-357.	1.1	31
44	Clinical Pharmacokinetics of Anaplastic Lymphoma Kinase Inhibitors in Non-Small-Cell Lung Cancer. Clinical Pharmacokinetics, 2019, 58, 403-420.	1.6	31
45	Interaction magnitude, pharmacokinetics and pharmacodynamics of ticlopidine in relation to CYP2C19 genotypic status. Pharmacogenetics and Genomics, 2005, 15, 851-859.	0.7	29
46	Epigenetic Regulation of Genes Encoding Drug-Metabolizing Enzymes and Transporters; DNA Methylation and Other Mechanisms. Current Drug Metabolism, 2008, 9, 34-38.	0.7	29
47	Pharmacokinetics of levodopa/benserazide versus levodopa/carbidopa in healthy subjects and patients with <scp>P</scp> arkinson's disease. Neurology and Clinical Neuroscience, 2015, 3, 68-73.	0.2	27
48	Circulating intestine-derived exosomal miR-328 in plasma, a possible biomarker for estimating BCRP function in the human intestines. Scientific Reports, 2016, 6, 32299.	1.6	24
49	Epigenetic regulation of drug transporter expression in human tissues. Expert Opinion on Drug Metabolism and Toxicology, 2017, 13, 19-30.	1.5	23
50	Interindividual Differences in Placental Expression of the SLC22A2 (OCT2) Gene: Relationship to Epigenetic variations in the 5′-Upstream Regulatory Region. Journal of Pharmaceutical Sciences, 2011, 100, 3875-3883.	1.6	21
51	The relationship between fine particulate matter (PM2.5) and schizophrenia severity. International Archives of Occupational and Environmental Health, 2018, 91, 613-622.	1.1	21
52	Quantitative Population Pharmacokinetic Analysis of Pravastatin Using an Enterohepatic Circulation Model Combined With Pharmacogenomic Information on <i>SLCO1B1</i> and <i>ABCC2</i> Polymorphisms. Journal of Clinical Pharmacology, 2009, 49, 1309-1317.	1.0	20
53	Efficacy of DPPâ€4 inhibitors, GLPâ€1 analogues, and SGLT2 inhibitors as addâ€ons to metformin monotherapy in T2DM patients: a modelâ€based metaâ€analysis. British Journal of Clinical Pharmacology, 2019, 85, 393-402.	1.1	19
54	Association between DNA Methylation in the miR-328 5'-Flanking Region and Inter-individual Differences in miR-328 and BCRP Expression in Human Placenta. PLoS ONE, 2013, 8, e72906.	1.1	19

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55	Clinical impact of genetic variants of drug transporters in different ethnic groups within and across regions. Pharmacogenomics, 2013, 14, 1745-1764.	0.6	17
56	Sulfasalazine disposition in a subject with 376C>T (nonsense mutation) and 421C>A variants in the <i>ABCG2</i> gene. British Journal of Clinical Pharmacology, 2015, 80, 1236-1237.	1.1	17
57	Population pharmacokinetic–pharmacodynamic modeling and model-based prediction of docetaxel-induced neutropenia in Japanese patients with non-small cell lung cancer. Cancer Chemotherapy and Pharmacology, 2016, 78, 1013-1023.	1.1	17
58	Interindividual Differences in the Expression of ATP-Binding Cassette and Solute Carrier Family Transporters in Human Skin: DNA Methylation Regulates Transcriptional Activity of the Human ABCC3 Gene. Drug Metabolism and Disposition, 2018, 46, 628-635.	1.7	17
59	Prognostic significance of pre-treatment ALBI grade in advanced non-small cell lung cancer receiving immune checkpoint therapy. Scientific Reports, 2021, 11, 15057.	1.6	17
60	Systematic Screening of Human ABCC3 Polymorphisms and Their Effects on MRP3 Expression and Function. Drug Metabolism and Pharmacokinetics, 2011, 26, 374-386.	1.1	16
61	Population pharmacodynamic analysis of <scp>LDL</scp> â€cholesterol lowering effects by statins and coâ€medications based on electronic medical records. British Journal of Clinical Pharmacology, 2014, 78, 824-835.	1.1	15
62	Association of multidrug resistance-associated protein 2 single nucleotide polymorphism rs12762549 with the basal plasma levels of phase II metabolites of isoflavonoids in healthy Japanese individuals. Pharmacogenetics and Genomics, 2012, 22, 344-354.	0.7	15
63	Association of lenvatinib plasma concentration with clinical efficacy and adverse events in patients with hepatocellular carcinoma. Cancer Chemotherapy and Pharmacology, 2020, 86, 803-813.	1.1	14
64	Nucleosome Positioning and Gene Regulation of the <i>SGLT2</i> Gene in the Renal Proximal Tubular Epithelial Cells. Molecular Pharmacology, 2018, 94, 953-962.	1.0	13
65	Detection of overdose and underdose prescriptions—An unsupervised machine learning approach. PLoS ONE, 2021, 16, e0260315.	1.1	12
66	Effects of magnesium oxide on pharmacokinetics of L-dopa/carbidopa and assessment of pharmacodynamic changes by a model-based simulation. European Journal of Clinical Pharmacology, 2019, 75, 351-361.	0.8	9
67	Regulation of Organic Anion Transporting Polypeptide 2B1 Expression by MicroRNA in the Human Liver. Molecular Pharmaceutics, 2020, 17, 2821-2830.	2.3	9
68	Identification and Functional Characterization of Novel Nonsynonymous Variants in the Human Multidrug and Toxin Extrusion 2-K. Drug Metabolism and Disposition, 2014, 42, 1432-1437.	1.7	8
69	Relationship between DNA Methylation in the 5′ CpG Island of the <i>SLC47A1</i> (Multidrug and Toxin) Tj E Molecular Pharmacology, 2018, 93, 1-7.	TQq1 1 0 1.0	.784314 rg8 8
70	Clinical Pharmacokinetics and Pharmacodynamics of Fostamatinib and Its Active Moiety R406. Clinical Pharmacokinetics, 2022, 61, 955-972.	1.6	7
71	The mTOR inhibitor everolimus attenuates tacrolimus-induced renal interstitial fibrosis in rats. Life Sciences, 2022, 288, 120150.	2.0	6
72	ANALYSIS OF THE FACTORS INFLUENCING ANTI-EPILEPTIC DRUG CONCENTRATIONS-VALPROIC ACID. Journal of Clinical Pharmacy and Therapeutics, 1990, 15, 351-363.	0.7	5

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73	Hydroxylation of Phenytoin (PHT) and the Cytochrome P450(CYP) 2C Subfamily. Epilepsia, 1998, 39, 82-83.	2.6	4
74	Multiple gene polymorphisms and warfarin sensitivity. European Journal of Clinical Pharmacology, 2006, 62, 881-883.	0.8	4
75	Influence of dosing schedules on toxicity and antitumour effects of combined cisplatin and docetaxel treatment in mice. Journal of Pharmacy and Pharmacology, 2010, 61, 615-621.	1.2	4
76	Population Pharmacodynamic Analysis of Uric Acid–Lowering Effects of Febuxostat Based on Electronic Medical Records in Two Hospitals. Journal of Clinical Pharmacology, 2018, 58, 304-313.	1.0	4
77	Establishment of an experimental rat model of tacrolimus-induced kidney injury accompanied by interstitial fibrosis. Toxicology Letters, 2021, 341, 43-50.	0.4	4
78	Development and Validation of A Liquid Chromatography–Tandem Mass Spectrometry Method to Simultaneously Measure Tacrolimus and Everolimus Concentrations in Kidney Allograft Biopsies After Kidney Transplantation. Therapeutic Drug Monitoring, 2022, 44, 275-281.	1.0	3
79	Differences in Theophylline Clearance Between Patients With Chronic Hepatitis and Those With Liver Cirrhosis. Therapeutic Drug Monitoring, 2020, 42, 829-834.	1.0	3
80	Effects of Letermovir and/or Methylprednisolone Coadministration on Voriconazole Pharmacokinetics in Hematopoietic Stem Cell Transplantation: A Population Pharmacokinetic Study. Drugs in R and D, 2021, 21, 419-429.	1.1	3
81	Optimal Teicoplanin Dosing Regimen in Neonates and Children Developed by Leveraging Real-World Clinical Information. Therapeutic Drug Monitoring, 2022, 44, 404-413.	1.0	3
82	Population pharmacodynamic analysis of hemoglobin A1c-lowering effects by adding treatment of DPP-4 inhibitors (sitagliptin) in type 2 diabetes mellitus patients based on electronic medical records. Journal of Diabetes and Its Complications, 2016, 30, 1282-1286.	1.2	2
83	Effect of Genetic Polymorphisms of Human SLC22A3 in the 5'-flanking Region on OCT3 Expression and Sebum Levels in Human Skin. Journal of Dermatological Science, 2021, 101, 4-13.	1.0	2
84	Reduced theophylline clearance due to hepatic congestion secondary to right heart failure - A population pharmacokinetic study. Drug Metabolism and Pharmacokinetics, 2021, 41, 100403.	1.1	2
85	Development and Full Validation of a Bioanalytical Method for Quantifying Letermovir in Human Plasma Using Ultra-Performance Liquid Chromatography Coupled with Mass Spectrometry. Chemical and Pharmaceutical Bulletin, 2021, 69, 646-651.	0.6	2
86	Hypoglycemia possibly caused by CYP2C9-mediated drug interaction in combination with bucolome: a case report. Journal of Pharmaceutical Health Care and Sciences, 2021, 7, 39.	0.4	2
87	Simplified daptomycin dosing regimen for adult patients with methicillin-resistant Staphylococcus aureus infections based on population pharmacokinetic analysis. Drug Metabolism and Pharmacokinetics, 2022, 44, 100444.	1.1	2
88	A semimechanistic population pharmacokinetic and pharmacodynamic model incorporating autoinduction for the dose justification of TASâ€114. CPT: Pharmacometrics and Systems Pharmacology, 2022, 11, 604-615.	1.3	2
89	ANALYSIS OF THE FACTORS INFLUENCING ANTI-EPILEPTIC DRUG CONCENTRATIONS-CARBAMAZEPINE. Journal of Clinical Pharmacy and Therapeutics, 1990, 15, 337-349.	0.7	1
90	Characterization of changes in HbA1c in patients with and without secondary failure after metformin treatments by a population pharmacodynamic analysis using mixture models. Drug Metabolism and Pharmacokinetics, 2018, 33, 264-269.	1.1	1

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91	Risk Factors for Gemcitabine-Induced Vascular Pain in Patients With Pancreatic Cancer. Annals of Pharmacotherapy, 2021, 55, 738-744.	0.9	1
92	Predictive performance of Bayesian method in a simulation work: One-compartment open linear model containing an oral route Japanese Journal of Clinical Pharmacology and Therapeutics, 1988, 19, 597-606.	0.1	1
93	Usefulness of Medication Guidance Sheets for Patients With Non-Hodgkin's Lymphoma Receiving ESHAP±R Therapy. Anticancer Research, 2022, 42, 2053-2060.	0.5	1
94	Effects of Genetic Polymorphisms of Cathepsin A on Metabolism of Tenofovir Alafenamide. Genes, 2021, 12, 2026.	1.0	1
95	Evaluation of Medication Instruction Sheets for Patients Undergoing R-CHOP Therapy in Non-Hodgkin's Lymphoma. In Vivo, 2022, 36, 1461-1467.	0.6	1
96	Studies on Pharmacoepidemiology of Antiepileptic Adverse Reactions (2). Psychiatry and Clinical Neurosciences, 1991, 45, 464-467.	1.0	0
97	The effect of 5â€{pâ€hydroxyphenyl)â€5â€phenylhydantoin (pâ€HPPH) enantiomers, major metabolites of phenytoin, on the occurrence of chronic side effects: <i>In vivo</i> and <i>in vitro</i> studies. Psychiatry and Clinical Neurosciences, 1995, 49, S247-51.	1.0	0
98	Simultaneous determination of carbamate pesticides in human serum and urine by automatic reversed-phase HPLC combined with on-line column enrichment. Bunseki Kagaku, 2004, 53, 705-713.	0.1	0
99	Contribution of Angiotensin Converting Enzyme Gene Polymorphism to the Action of Angiotensin II Receptor Antagonist (CS-866) Japanese Journal of Clinical Pharmacology and Therapeutics, 2002, 33, 37-46.	0.1	0
100	ï¼ʿ.抗è«ç~è–¬ã•̈PGx. Japanese Journal of Clinical Pharmacology and Therapeutics, 2008, 39, 233-237.	0.1	0
101	The Effect of Phenytoin Withdrawal on Valproic Acid Free Fraction: A Case Report Japanese Journal of Hospital Pharmacy, 1991, 17, 52-58.	0.0	0
102	Effect of liver cirrhosis on theophylline trough concentrations: A comparative analysis of organ impairment using Child–Pugh and MELD scores. British Journal of Clinical Pharmacology, 2022, , .	1.1	0
103	Experimental Survey of Anticancer Drug Contamination from Disposal Containers to Prevent Occupational Exposure. Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences), 2021, 47, 200-207.	0.0	0