

# Ichiro Ieiri

## List of Publications by Citations

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97  
papers

4,892  
citations

35  
h-index

69  
g-index

106  
ext. papers

5,265  
ext. citations

3.7  
avg, IF

5.14  
L-index

#	Paper	IF	Citations
97	Polymorphisms of OATP-C (SLC21A6) and OAT3 (SLC22A8) genes: consequences for pravastatin pharmacokinetics. <i>Clinical Pharmacology and Therapeutics</i> , <b>2003</b> , 73, 554-65	6.1	393
96	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. <i>Pharmacogenetics and Genomics</i> , <b>2006</b> , 16, 101-10	1.9	285
95	Role of human MDR1 gene polymorphism in bioavailability and interaction of digoxin, a substrate of P-glycoprotein. <i>Clinical Pharmacology and Therapeutics</i> , <b>2002</b> , 72, 209-19	6.1	264
94	Functional assessment of ABCG2 (BCRP) gene polymorphisms to protein expression in human placenta. <i>Drug Metabolism and Disposition</i> , <b>2005</b> , 33, 94-101	4	241
93	Polymorphism of the ABC transporter genes, MDR1, MRP1 and MRP2/cMOAT, in healthy Japanese subjects. <i>Pharmacogenetics and Genomics</i> , <b>2001</b> , 11, 175-84		223
92	Functional analysis of SNPs variants of BCRP/ABCG2. <i>Pharmaceutical Research</i> , <b>2004</b> , 21, 1895-903	4.5	215
91	Genetic polymorphism of cytochrome P450s, CYP2C19, and CYP2C9 in a Japanese population. <i>Therapeutic Drug Monitoring</i> , <b>1998</b> , 20, 243-7	3.2	169
90	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. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2009</b> , 5, 703-29	5.5	167
89	Effects of organic anion transporting polypeptide 1B1 haplotype on pharmacokinetics of pravastatin, valsartan, and temocapril. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 79, 427-39	6.1	156
88	Human organic cation transporter (OCT1 and OCT2) gene polymorphisms and therapeutic effects of metformin. <i>Journal of Human Genetics</i> , <b>2007</b> , 52, 117-122	4.3	153
87	The effects of genetic polymorphisms of CYP2C9 and CYP2C19 on phenytoin metabolism in Japanese adult patients with epilepsy: studies in stereoselective hydroxylation and population pharmacokinetics. <i>Epilepsia</i> , <b>1998</b> , 39, 1317-23	6.4	144
86	Neurotoxicity induced by tacrolimus after liver transplantation: relation to genetic polymorphisms of the ABCB1 (MDR1) gene. <i>Transplantation</i> , <b>2002</b> , 74, 571-2	1.8	141
85	Association of pharmacokinetic (CYP2C9) and pharmacodynamic (factors II, VII, IX, and X; proteins S and C; and gamma-glutamyl carboxylase) gene variants with warfarin sensitivity. <i>Blood</i> , <b>2004</b> , 103, 2630-5 <sup>2</sup>	2.2	137
84	Functional analysis of single nucleotide polymorphisms of hepatic organic anion transporter OATP1B1 (OATP-C). <i>Pharmacogenetics and Genomics</i> , <b>2004</b> , 14, 749-57		130
83	Polymorphism of the cytochrome P450 (CYP) 2C9 gene in Japanese epileptic patients: genetic analysis of the CYP2C9 locus. <i>Pharmacogenetics and Genomics</i> , <b>2000</b> , 10, 85-9		125
82	Functional significance of genetic polymorphisms in P-glycoprotein (MDR1, ABCB1) and breast cancer resistance protein (BCRP, ABCG2). <i>Drug Metabolism and Pharmacokinetics</i> , <b>2012</b> , 27, 85-105	2.2	113
81	The MDR1 (ABCB1) gene polymorphism and its clinical implications. <i>Clinical Pharmacokinetics</i> , <b>2004</b> , 43, 553-76	6.2	113

80	Pharmacokinetic interaction study of sulphasalazine in healthy subjects and the impact of curcumin as an in vivo inhibitor of BCRP. <i>British Journal of Pharmacology</i> , <b>2012</b> , 166, 1793-803	8.6	104
79	Polymorphism in human organic cation transporters and metformin action. <i>Pharmacogenomics</i> , <b>2008</b> , 9, 415-22	2.6	104
78	Pharmacokinetics of omeprazole (a substrate of CYP2C19) and comparison with two mutant alleles, C gamma P2C19m1 in exon 5 and C gamma P2C19m2 in exon 4, in Japanese subjects. <i>Clinical Pharmacology and Therapeutics</i> , <b>1996</b> , 59, 647-53	6.1	101
77	Genetic polymorphism of the CYP2C subfamily and excessive serum phenytoin concentration with central nervous system intoxication. <i>Therapeutic Drug Monitoring</i> , <b>2000</b> , 22, 230-2	3.2	100
76	Microdosing clinical study: pharmacokinetic, pharmacogenomic (SLCO2B1), and interaction (grapefruit juice) profiles of celiprolol following the oral microdose and therapeutic dose. <i>Journal of Clinical Pharmacology</i> , <b>2012</b> , 52, 1078-89	2.9	79
75	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. <i>Therapeutic Drug Monitoring</i> , <b>2000</b> , 22, 237-44	3.2	73
74	Evaluation of in vivo P-glycoprotein function at the blood-brain barrier among MDR1 gene polymorphisms by using 11C-verapamil. <i>Journal of Nuclear Medicine</i> , <b>2006</b> , 47, 1427-33	8.9	69
73	Genetic polymorphisms and functional characterization of the 5Pflanking region of the human CYP2C9 gene: in vitro and in vivo studies. <i>Clinical Pharmacology and Therapeutics</i> , <b>2001</b> , 70, 175-82	6.1	61
72	Pharmacogenetic determinants of variability in lipid-lowering response to pravastatin therapy. <i>Journal of Human Genetics</i> , <b>2006</b> , 51, 822-826	4.3	57
71	Drug-drug interactions that interfere with statin metabolism. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2015</b> , 11, 1435-47	5.5	48
70	Apple juice greatly reduces systemic exposure to atenolol. <i>British Journal of Clinical Pharmacology</i> , <b>2013</b> , 75, 172-9	3.8	45
69	Allelic expression imbalance of the human CYP3A4 gene and individual phenotypic status. <i>Human Molecular Genetics</i> , <b>2004</b> , 13, 2959-69	5.6	44
68	Life-threatening toxicities in a patient with UGT1A1*6/*28 and SLCO1B1*15/*15 genotypes after irinotecan-based chemotherapy. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2009</b> , 63, 1165-9	3.5	42
67	Genetic polymorphisms of drug transporters: pharmacokinetic and pharmacodynamic consequences in pharmacotherapy. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2006</b> , 2, 651-74	5.5	42
66	Pharmacokinetic and pharmacogenomic profiles of telmisartan after the oral microdose and therapeutic dose. <i>Pharmacogenetics and Genomics</i> , <b>2011</b> , 21, 495-505	1.9	41
65	Influence of common variants in the pharmacokinetic genes (OATP-C, UGT1A1, and MRP2) on serum bilirubin levels in healthy subjects. <i>Hepatology Research</i> , <b>2004</b> , 30, 91-95	5.1	41
64	5Pflanking region polymorphisms of CYP2C9 and their relationship to S-warfarin metabolism in white and Japanese patients. <i>Blood</i> , <b>2004</b> , 103, 3055-7	2.2	40
63	Reliability of the omeprazole hydroxylation index for CYP2C19 phenotyping: possible effect of age, liver disease and length of therapy. <i>British Journal of Clinical Pharmacology</i> , <b>1999</b> , 47, 115-9	3.8	37

62	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. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 1622-32	4	35
61	Effect of OATP1B1 genotypes on plasma concentrations of endogenous OATP1B1 substrates and drugs, and their association in healthy volunteers. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2019</b> , 34, 78-86 <sup>2,2</sup>		35
60	Small-Dosing Clinical Study: Pharmacokinetic, Pharmacogenomic (SLCO2B1 and ABCG2), and Interaction (Atorvastatin and Grapefruit Juice) Profiles of 5 Probes for OATP2B1 and BCRP. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 2688-2694	3.9	34
59	Pharmacokinetic interaction between pravastatin and olmesartan in relation to SLCO1B1 polymorphism. <i>Journal of Human Genetics</i> , <b>2008</b> , 53, 899-904	4.3	32
58	Severe toxicities after irinotecan-based chemotherapy in a patient with lung cancer: a homozygote for the SLCO1B1*15 allele. <i>Therapeutic Drug Monitoring</i> , <b>2007</b> , 29, 666-8	3.2	32
57	Identification of drug transporters contributing to oxaliplatin-induced peripheral neuropathy. <i>Journal of Neurochemistry</i> , <b>2019</b> , 148, 373-385	6	31
56	Epigenetic regulation of genes encoding drug-metabolizing enzymes and transporters; DNA methylation and other mechanisms. <i>Current Drug Metabolism</i> , <b>2008</b> , 9, 34-8	3.5	27
55	Interaction magnitude, pharmacokinetics and pharmacodynamics of ticlopidine in relation to CYP2C19 genotypic status. <i>Pharmacogenetics and Genomics</i> , <b>2005</b> , 15, 851-9	1.9	23
54	The change of pharmacokinetics of fexofenadine enantiomers through the single and simultaneous grapefruit juice ingestion. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2015</b> , 30, 352-7	2.2	22
53	An updated review of pharmacokinetic drug interactions and pharmacogenetics of statins. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2020</b> , 16, 809-822	5.5	21
52	Interindividual differences in placental expression of the SLC22A2 (OCT2) gene: relationship to epigenetic variations in the 5Pupstream regulatory region. <i>Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 100, 3875-83	3.9	20
51	Clinical Pharmacokinetics of Anaplastic Lymphoma Kinase Inhibitors in Non-Small-Cell Lung Cancer. <i>Clinical Pharmacokinetics</i> , <b>2019</b> , 58, 403-420	6.2	18
50	Pharmacokinetics of levodopa/benserazide versus levodopa/carbidopa in healthy subjects and patients with Parkinson's disease. <i>Neurology and Clinical Neuroscience</i> , <b>2015</b> , 3, 68-73	0.3	18
49	Quantitative population pharmacokinetic analysis of pravastatin using an enterohepatic circulation model combined with pharmacogenomic Information on SLCO1B1 and ABCC2 polymorphisms. <i>Journal of Clinical Pharmacology</i> , <b>2009</b> , 49, 1309-17	2.9	18
48	Sulfasalazine disposition in a subject with 376C>T (nonsense mutation) and 421C>A variants in the ABCG2 gene. <i>British Journal of Clinical Pharmacology</i> , <b>2015</b> , 80, 1236-7	3.8	17
47	Circulating intestine-derived exosomal miR-328 in plasma, a possible biomarker for estimating BCRP function in the human intestines. <i>Scientific Reports</i> , <b>2016</b> , 6, 32299	4.9	16
46	Association between DNA methylation in the miR-328 5Pflanking region and inter-individual differences in miR-328 and BCRP expression in human placenta. <i>PLoS ONE</i> , <b>2013</b> , 8, e72906	3.7	16
45	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. <i>Drug Metabolism and Disposition</i> , <b>2018</b> , 46, 628-635	4	15

44	Systematic screening of human ABCC3 polymorphisms and their effects on MRP3 expression and function. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2011</b> , 26, 374-86	2.2	15
43	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. <i>Pharmacogenetics and Genomics</i> , <b>2012</b> , 22, 344-54	1.9	15
42	Population pharmacokinetic-pharmacodynamic modeling and model-based prediction of docetaxel-induced neutropenia in Japanese patients with non-small cell lung cancer. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2016</b> , 78, 1013-1023	3.5	15
41	Epigenetic regulation of drug transporter expression in human tissues. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2017</b> , 13, 19-30	5.5	14
40	Clinical impact of genetic variants of drug transporters in different ethnic groups within and across regions. <i>Pharmacogenomics</i> , <b>2013</b> , 14, 1745-64	2.6	14
39	Population pharmacodynamic analysis of LDL-cholesterol lowering effects by statins and co-medications based on electronic medical records. <i>British Journal of Clinical Pharmacology</i> , <b>2014</b> , 78, 824-35	3.8	11
38	Efficacy of DPP-4 inhibitors, GLP-1 analogues, and SGLT2 inhibitors as add-ons to metformin monotherapy in T2DM patients: a model-based meta-analysis. <i>British Journal of Clinical Pharmacology</i> , <b>2019</b> , 85, 393-402	3.8	10
37	The relationship between fine particulate matter (PM) and schizophrenia severity. <i>International Archives of Occupational and Environmental Health</i> , <b>2018</b> , 91, 613-622	3.2	9
36	Association of lenvatinib plasma concentration with clinical efficacy and adverse events in patients with hepatocellular carcinoma. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2020</b> , 86, 803-813	3.5	8
35	Identification and functional characterization of novel nonsynonymous variants in the human multidrug and toxin extrusion 2-K. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 1432-7	4	7
34	Analysis of the factors influencing anti-epileptic drug concentrations--valproic acid. <i>Journal of Clinical Pharmacy and Therapeutics</i> , <b>1990</b> , 15, 351-63	2.2	5
33	Relationship between DNA Methylation in the 5PCpG Island of the (Multidrug and Toxin Extrusion Protein MATE1) Gene and Interindividual Variability in MATE1 Expression in the Human Liver. <i>Molecular Pharmacology</i> , <b>2018</b> , 93, 1-7	4.3	5
32	Hydroxylation of Phenytoin (PHT) and the Cytochrome P450 (CYP) 2C Subfamily. <i>Epilepsia</i> , <b>1998</b> , 39, 82-83	6.4	4
31	Multiple gene polymorphisms and warfarin sensitivity. <i>European Journal of Clinical Pharmacology</i> , <b>2006</b> , 62, 881-3	2.8	4
30	Nucleosome Positioning and Gene Regulation of the Gene in the Renal Proximal Tubular Epithelial Cells. <i>Molecular Pharmacology</i> , <b>2018</b> , 94, 953-962	4.3	4
29	Regulation of Organic Anion Transporting Polypeptide 2B1 Expression by MicroRNA in the Human Liver. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 2821-2830	5.6	3
28	Influence of dosing schedules on toxicity and antitumour effects of combined cisplatin and docetaxel treatment in mice. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 61, 615-621	4.8	3
27	The mTOR inhibitor everolimus attenuates tacrolimus-induced renal interstitial fibrosis in rats. <i>Life Sciences</i> , <b>2021</b> , 288, 120150	6.8	2

26	Differences in Theophylline Clearance Between Patients With Chronic Hepatitis and Those With Liver Cirrhosis. <i>Therapeutic Drug Monitoring</i> , <b>2020</b> , 42, 829-834	3.2	2
25	Effects of magnesium oxide on pharmacokinetics of L-dopa/carbidopa and assessment of pharmacodynamic changes by a model-based simulation. <i>European Journal of Clinical Pharmacology</i> , <b>2019</b> , 75, 351-361	2.8	2
24	Prognostic significance of pre-treatment ALBI grade in advanced non-small cell lung cancer receiving immune checkpoint therapy. <i>Scientific Reports</i> , <b>2021</b> , 11, 15057	4.9	2
23	Population Pharmacodynamic Analysis of Uric Acid-Lowering Effects of Febuxostat Based on Electronic Medical Records in Two Hospitals. <i>Journal of Clinical Pharmacology</i> , <b>2018</b> , 58, 304-313	2.9	1
22	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. <i>Journal of Diabetes and Its Complications</i> , <b>2016</b> , 30, 1282-6	3.2	1
21	Analysis of the factors influencing anti-epileptic drug concentrations--carbamazepine. <i>Journal of Clinical Pharmacy and Therapeutics</i> , <b>1990</b> , 15, 337-49	2.2	1
20	Hypoglycemia possibly caused by CYP2C9-mediated drug interaction in combination with bucolome: a case report. <i>Journal of Pharmaceutical Health Care and Sciences</i> , <b>2021</b> , 7, 39	1.8	1
19	Detection of overdose and underdose prescriptions-An unsupervised machine learning approach. <i>PLoS ONE</i> , <b>2021</b> , 16, e0260315	3.7	1
18	Effects of Letermovir and/or Methylprednisolone Coadministration on Voriconazole Pharmacokinetics in Hematopoietic Stem Cell Transplantation: A Population Pharmacokinetic Study. <i>Drugs in R and D</i> , <b>2021</b> , 21, 419-429	3.4	1
17	Establishment of an experimental rat model of tacrolimus-induced kidney injury accompanied by interstitial fibrosis. <i>Toxicology Letters</i> , <b>2021</b> , 341, 43-50	4.4	1
16	Characterization of changes in HbA1c in patients with and without secondary failure after metformin treatments by a population pharmacodynamic analysis using mixture models. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2018</b> , 33, 264-269	2.2	1
15	Reduced theophylline clearance due to hepatic congestion secondary to right heart failure - A population pharmacokinetic study. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2021</b> , 41, 100403	2.2	0
14	Risk Factors for Gemcitabine-Induced Vascular Pain in Patients With Pancreatic Cancer. <i>Annals of Pharmacotherapy</i> , <b>2021</b> , 55, 738-744	2.9	0
13	Effect of Genetic Polymorphisms of Human SLC22A3 in the 5Pflanking Region on OCT3 Expression and Sebum Levels in Human Skin. <i>Journal of Dermatological Science</i> , <b>2021</b> , 101, 4-13	4.3	0
12	Simultaneous determination of carbamate pesticides in human serum and urine by automatic reversed-phase HPLC combined with on-line column enrichment. <i>Bunseki Kagaku</i> , <b>2004</b> , 53, 705-713	0.2	
11	The effect of 5-(p-hydroxyphenyl)-5-phenylhydantoin (p-HPPH) enantiomers, major metabolites of phenytoin, on the occurrence of chronic side effects: in vivo and in vitro studies. <i>Psychiatry and Clinical Neurosciences</i> , <b>1995</b> , 49, S247-51	6.2	
10	Studies on pharmacoepidemiology of antiepileptic adverse reactions (2). <i>Psychiatry and Clinical Neurosciences</i> , <b>1991</b> , 45, 464-7	6.2	
9	Simplified daptomycin dosing regimen for adult patients with methicillin-resistant <i>Staphylococcus aureus</i> infections based on population pharmacokinetic analysis.. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2022</b> , 44, 100444	2.2	

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| 8 | Contribution of Angiotensin Converting Enzyme Gene Polymorphism to the Action of Angiotensin II Receptor Antagonist (CS-866).. <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , <b>2002</b> , 33, 37-46                                | 0   |
| 7 | 1.?????PGx. <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , <b>2008</b> , 39, 233-237   | 0   |
| 6 | Predictive performance of Bayesian method in a simulation work: One-compartment open linear model containing an oral route.. <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , <b>1988</b> , 19, 597-606                                | 0   |
| 5 | The Effect of Phenytoin Withdrawal on Valproic Acid Free Fraction: A Case Report.. <i>Japanese Journal of Hospital Pharmacy</i> , <b>1991</b> , 17, 52-58   |     |
| 4 | Development and Full Validation of a Bioanalytical Method for Quantifying Letemovir in Human Plasma Using Ultra-Performance Liquid Chromatography Coupled with Mass Spectrometry. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2021</b> , 69, 646-651 | 1.9 |
| 3 | Usefulness of Medication Guidance Sheets for Patients With Non-Hodgkin's Lymphoma Receiving ESHAP Therapy.. <i>Anticancer Research</i> , <b>2022</b> , 42, 2053-2060  | 2.3 |
| 2 | Experimental Survey of Anticancer Drug Contamination from Disposal Containers to Prevent Occupational Exposure. <i>Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences)</i> , <b>2021</b> , 47, 200-207                            | 0.1 |
| 1 | Evaluation of Medication Instruction Sheets for Patients Undergoing R-CHOP Therapy in Non-Hodgkin's Lymphoma.. <i>In Vivo</i> , <b>2022</b> , 36, 1461-1467   | 2.3 |