

Balram Chowbay

List of Publications by Citations

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

83

papers

4,123

citations

34

h-index

63

g-index

87

ext. papers

4,587

ext. citations

6.5

avg, IF

4.98

L-index

#	Paper	IF	Citations
83	Polymorphism of human cytochrome P450 enzymes and its clinical impact. <i>Drug Metabolism Reviews</i> , 2009 , 41, 89-295	7	579
82	A common BIM deletion polymorphism mediates intrinsic resistance and inferior responses to tyrosine kinase inhibitors in cancer. <i>Nature Medicine</i> , 2012 , 18, 521-8	50.5	433
81	Herbal modulation of P-glycoprotein. <i>Drug Metabolism Reviews</i> , 2004 , 36, 57-104	7	316
80	Genetic polymorphisms in MDR1 and CYP3A4 genes in Asians and the influence of MDR1 haplotypes on cyclosporin disposition in heart transplant recipients. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 89-95		225
79	Long noncoding RNA EGFR-AS1 mediates epidermal growth factor receptor addiction and modulates treatment response in squamous cell carcinoma. <i>Nature Medicine</i> , 2017 , 23, 1167-1175	50.5	109
78	Role of UGT1A1*6, UGT1A1*28 and ABCG2 c.421C>A polymorphisms in irinotecan-induced neutropenia in Asian cancer patients. <i>Cancer Science</i> , 2007 , 98, 1461-7	6.9	108
77	Meta-analysis of the influence of MDR1 C3435T polymorphism on digoxin pharmacokinetics and MDR1 gene expression. <i>British Journal of Clinical Pharmacology</i> , 2005 , 60, 159-71	3.8	105
76	Influence of ABCB1 and ABCG2 polymorphisms on doxorubicin disposition in Asian breast cancer patients. <i>Cancer Science</i> , 2008 , 99, 816-23	6.9	104
75	Phase I pharmacokinetic study of a weekly liposomal paclitaxel formulation (Genexol-PM) in patients with solid tumors. <i>Annals of Oncology</i> , 2010 , 21, 382-388	10.3	99
74	Impact of CYP2D6, CYP3A5, CYP2C9 and CYP2C19 polymorphisms on tamoxifen pharmacokinetics in Asian breast cancer patients. <i>British Journal of Clinical Pharmacology</i> , 2011 , 71, 737-50	3.8	94
73	Pharmacogenetics of target genes across doxorubicin disposition pathway: a review. <i>Current Drug Metabolism</i> , 2010 , 11, 115-28	3.5	91
72	Pharmacogenetic profiling across the irinotecan pathway in Asian patients with cancer. <i>British Journal of Clinical Pharmacology</i> , 2005 , 59, 415-24	3.8	86
71	An interethnic comparison of polymorphisms of the genes encoding drug-metabolizing enzymes and drug transporters: experience in Singapore. <i>Drug Metabolism Reviews</i> , 2005 , 37, 327-78	7	86
70	Pharmacogenetics of SLCO1B1 gene and the impact of *1b and *15 haplotypes on irinotecan disposition in Asian cancer patients. <i>Pharmacogenetics and Genomics</i> , 2006 , 16, 683-91	1.9	78
69	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. <i>Nature Genetics</i> , 2017 , 49, 993-1004	36.3	72
68	Novel SLC22A16 polymorphisms and influence on doxorubicin pharmacokinetics in Asian breast cancer patients. <i>Pharmacogenomics</i> , 2007 , 8, 567-75	2.6	72
67	Transport of cryptotanshinone, a major active triterpenoid in <i>Salvia miltiorrhiza</i> Bunge widely used in the treatment of stroke and Alzheimer's disease, across the blood-brain barrier. <i>Current Drug Metabolism</i> , 2007 , 8, 365-78	3.5	71

66	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. <i>Nature Genetics</i> , 2015 , 47, 387-92	36.3	70
65	A Phase II study of pazopanib in Asian patients with recurrent/metastatic nasopharyngeal carcinoma. <i>Clinical Cancer Research</i> , 2011 , 17, 5481-9	12.9	69
64	Role of P-glycoprotein in the intestinal absorption of tanshinone IIA, a major active ingredient in the root of <i>Salvia miltiorrhiza</i> Bunge. <i>Current Drug Metabolism</i> , 2007 , 8, 325-40	3.5	69
63	PXR pharmacogenetics: association of haplotypes with hepatic CYP3A4 and ABCB1 messenger RNA expression and doxorubicin clearance in Asian breast cancer patients. <i>Clinical Cancer Research</i> , 2008 , 14, 7116-26	12.9	61
62	The effects of CYP3A4, CYP3A5, ABCB1, ABCC2, ABCG2 and SLCO1B3 single nucleotide polymorphisms on the pharmacokinetics and pharmacodynamics of docetaxel in nasopharyngeal carcinoma patients. <i>Cancer Chemotherapy and Pharmacology</i> , 2011 , 67, 1471-8	3.5	60
61	Determination of doxorubicin and its metabolites in rat serum and bile by LC: application to preclinical pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 30, 1063-74	2.5	59
60	Genetic risk of extranodal natural killer T-cell lymphoma: a genome-wide association study. <i>Lancet Oncology</i> , 2016 , 17, 1240-7	21.7	58
59	Enhancing the therapeutic responsiveness of photodynamic therapy with the antiangiogenic agents SU5416 and SU6668 in murine nasopharyngeal carcinoma models. <i>Cancer Chemotherapy and Pharmacology</i> , 2005 , 56, 569-77	3.5	47
58	Phase II study of irinotecan (CPT-11) as salvage therapy for advanced nasopharyngeal carcinoma. <i>Cancer</i> , 2005 , 103, 576-81	6.4	42
57	Influence of APOE genotypes and VKORC1 haplotypes on warfarin dose requirements in Asian patients. <i>British Journal of Clinical Pharmacology</i> , 2008 , 65, 260-4	3.8	40
56	SLC22A1-ABCB1 haplotype profiles predict imatinib pharmacokinetics in Asian patients with chronic myeloid leukemia. <i>PLoS ONE</i> , 2012 , 7, e51771	3.7	39
55	Tanshinone IIB, a primary active constituent from <i>Salvia miltiorrhiza</i> , exhibits neuro-protective activity in experimentally stroked rats. <i>Neuroscience Letters</i> , 2007 , 417, 261-5	3.3	38
54	Improved Prediction of Endoxifen Metabolism by CYP2D6 Genotype in Breast Cancer Patients Treated with Tamoxifen. <i>Frontiers in Pharmacology</i> , 2017 , 8, 582	5.6	37
53	Rapid and simultaneous determination of nifedipine and dehydronifedipine in human plasma by liquid chromatography-tandem mass spectrometry: Application to a clinical herb-drug interaction study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 852, 534-44	3.2	37
52	EGFR Mutation Subtypes Influence Survival Outcomes following First-Line Gefitinib Therapy in Advanced Asian NSCLC Patients. <i>Journal of Thoracic Oncology</i> , 2017 , 12, 529-538	8.9	36
51	Pharmacogenetics of SLCO1B1: haplotypes, htSNPs and hepatic expression in three distinct Asian populations. <i>European Journal of Clinical Pharmacology</i> , 2007 , 63, 555-63	2.8	36
50	An Interethnic Comparison of Polymorphisms of the Genes Encoding Drug-Metabolizing Enzymes and Drug Transporters: Experience in Singapore. <i>Drug Metabolism Reviews</i> , 2005 , 37, 327-378	7	36
49	CBR1 and CBR3 pharmacogenetics and their influence on doxorubicin disposition in Asian breast cancer patients. <i>Cancer Science</i> , 2008 , 99, 2045-54	6.9	32

48	Role of P-glycoprotein in limiting the brain penetration of glabridin, an active isoflavan from the root of <i>Glycyrrhiza glabra</i> . <i>Pharmaceutical Research</i> , 2007 , 24, 1668-90	4.5	31
47	Influence of SLCO1B3 haplotype-tag SNPs on docetaxel disposition in Chinese nasopharyngeal cancer patients. <i>British Journal of Clinical Pharmacology</i> , 2012 , 73, 606-18	3.8	26
46	Predictive role of NUDT15 variants on thiopurine-induced myelotoxicity in Asian inflammatory bowel disease patients. <i>Pharmacogenomics</i> , 2018 , 19, 31-43	2.6	25
45	Pharmacogenetics of target genes across the warfarin pharmacological pathway. <i>Clinical Pharmacokinetics</i> , 2006 , 45, 1189-200	6.2	24
44	Pharmacogenetic effects of regulatory nuclear receptors (PXR, CAR, RXR and HNF4) on docetaxel disposition in Chinese nasopharyngeal cancer patients. <i>European Journal of Clinical Pharmacology</i> , 2014 , 70, 155-66	2.8	23
43	Association of ABCB1 and FLT3 Polymorphisms with Toxicities and Survival in Asian Patients Receiving Sunitinib for Renal Cell Carcinoma. <i>PLoS ONE</i> , 2015 , 10, e0134102	3.7	21
42	Impact of Smoking and Brain Metastasis on Outcomes of Advanced EGFR Mutation Lung Adenocarcinoma Patients Treated with First Line Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors. <i>PLoS ONE</i> , 2015 , 10, e0123587	3.7	21
41	Colchicine lack of effectiveness in symptom and inflammation modification in knee osteoarthritis (COLKOA): a randomized controlled trial. <i>Osteoarthritis and Cartilage</i> , 2018 , 26, 631-640	6.2	20
40	Pharmacogenetics of UGT1A4, UGT2B7 and UGT2B15 and Their Influence on Tamoxifen Disposition in Asian Breast Cancer Patients. <i>Clinical Pharmacokinetics</i> , 2016 , 55, 1239-1250	6.2	20
39	Extracellular vesicle drug occupancy enables real-time monitoring of targeted cancer therapy. <i>Nature Nanotechnology</i> , 2021 , 16, 734-742	28.7	19
38	8q24 and 17q prostate cancer susceptibility loci in a multiethnic Asian cohort. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2013 , 31, 1553-60	2.8	18
37	A pharmacogenetic study of pregnane X receptor (NR1I2) in Han Chinese. <i>Current Drug Metabolism</i> , 2007 , 8, 778-86	3.5	18
36	Metabolic profiling of HepG2 cells incubated with S(-) and R(+) enantiomers of anti-coagulating drug warfarin. <i>Metabolomics</i> , 2011 , 7, 353-362	4.7	16
35	VKORC1 pharmacogenetics and pharmacoproteomics in patients on warfarin anticoagulant therapy: transthyretin precursor as a potential biomarker. <i>PLoS ONE</i> , 2010 , 5, e15064	3.7	16
34	Association of CYP2C19*2 and associated haplotypes with lower norendoxifen concentrations in tamoxifen-treated Asian breast cancer patients. <i>British Journal of Clinical Pharmacology</i> , 2016 , 81, 1142-52	3.8	16
33	Metronomic vinorelbine (oral) in combination with sorafenib in advanced non-small cell lung cancer. <i>Lung Cancer</i> , 2015 , 88, 289-96	5.9	15
32	Pharmacogenetics of irinotecan, doxorubicin and docetaxel transporters in Asian and Caucasian cancer patients: a comparative review. <i>Drug Metabolism Reviews</i> , 2016 , 48, 502-540	7	15
31	Colchicine effectiveness in symptom and inflammation modification in knee osteoarthritis (COLKOA): study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 200	2.8	15

30	Phase I Study of Oral Vinorelbine in Combination with Erlotinib in Advanced Non-Small Cell Lung Cancer (NSCLC) Using Two Different Schedules. <i>PLoS ONE</i> , 2016 , 11, e0154316	3.7	15
29	Pan-Cancer Analysis of Ligand-Receptor Cross-talk in the Tumor Microenvironment. <i>Cancer Research</i> , 2021 , 81, 1802-1812	10.1	14
28	EGFR Intron 1 polymorphism in Asian Populations and its correlation with EGFR gene expression and amplification in breast tumor tissues. <i>Cancer Biology and Therapy</i> , 2006 , 5, 1445-9	4.6	13
27	VKORC1 diplotype-derived dosing model to explain variability in warfarin dose requirements in Asian patients. <i>Drug Metabolism and Pharmacokinetics</i> , 2009 , 24, 365-75	2.2	12
26	Single nucleotide polymorphisms of the pregnane x receptor gene in Han Chinese and a comparison with other ethnic populations. <i>Pharmacology</i> , 2008 , 81, 350-4	2.3	11
25	The modulation of irinotecan-induced diarrhoea and pharmacokinetics by three different classes of pharmacologic agents. <i>Oncology Reports</i> , 2003 , 10, 745-51	3.5	11
24	Hydration effects on the efficacy of the Epidermal growth factor receptor kinase inhibitor afatinib. <i>Scientific Reports</i> , 2017 , 7, 1540	4.9	9
23	Obesity Alters Endoxifen Plasma Levels in Young Breast Cancer Patients: A Pharmacometric Simulation Approach. <i>Clinical Pharmacology and Therapeutics</i> , 2020 , 108, 661-670	6.1	9
22	Phase I pharmacokinetic study of chronomodulated dose-intensified combination of capecitabine and oxaliplatin (XELOX) in metastatic colorectal cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2012 , 70, 141-50	3.5	7
21	Capecitabine-induced oromandibular dystonia: a case report and literature review. <i>Acta Oncologica</i> , 2008 , 47, 1161-5	3.2	7
20	Metronomic chemotherapy: A relook at its basis and rationale. <i>Cancer Letters</i> , 2017 , 388, 328-333	9.9	6
19	Nanoprobe-based genetic testing. <i>Nano Today</i> , 2014 , 9, 166-171	17.9	6
18	A comparative proteomic analysis of HepG2 cells incubated by S(-) and R(+) enantiomers of anti-coagulating drug warfarin. <i>Proteomics</i> , 2010 , 10, 1463-73	4.8	5
17	Determination of CH330331, a novel 4-anilinoquinazoline inhibitor of epidermal growth factor receptor tyrosine kinase, in human Caco-2 monolayers by high performance liquid chromatography with ultraviolet detection: application to a trans-epithelial transport study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 854, 320-7	3.2	5
16	An intronic FTO variant rs16952570 confers protection against thiopurine-induced myelotoxicities in multiethnic Asian IBD patients. <i>Pharmacogenomics Journal</i> , 2020 , 20, 505-515	3.5	5
15	Pharmacogenetics of drug transporters in modulating imatinib disposition and treatment outcomes in chronic myeloid leukemia & gastrointestinal stromal tumor patients. <i>Pharmacogenomics</i> , 2016 , 17, 1941-1955	2.6	4
14	Genetic variations of NR2A1 in Asian populations: implications in pharmacogenetics studies. <i>Drug Metabolism and Pharmacokinetics</i> , 2013 , 28, 278-88	2.2	4
13	Phase I/II study of gemcitabine with pegylated liposomal doxorubicin as first-line therapy in Asian women with metastatic breast cancer. <i>Breast</i> , 2008 , 17, 517-22	3.6	4

12	An inflammatory response with worsening of pleural effusion on treatment with erlotinib in non-small cell lung cancer. <i>Acta Oncologica</i> , 2007 , 46, 256-8	3.2	4
11	A Single Dose-Escalation Study to Evaluate the Safety and Pharmacokinetics of Orally Administered Des-Aspartate Angiotensin I in Healthy Subjects. <i>Drugs in R and D</i> , 2016 , 16, 317-326	3.4	4
10	ITRAQ-Coupled 2-D LC-MS/MS Analysis of Differentially Expressed Serum Proteins in Nasopharyngeal Carcinoma Clinical Samples: Potential in Biomarker Discovery. <i>Journal of Medical Imaging and Health Informatics</i> , 2011 , 1, 177-183	1.2	3
9	Effect of coenzyme Q10 on the disposition of doxorubicin in rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2002 , 27, 185-92	2.7	3
8	Genetic variations of NR1I3 and NR2B1 in Asian populations. <i>Drug Metabolism and Pharmacokinetics</i> , 2013 , 28, 169-76	2.2	2
7	Secreted protein profile from HepG2 cells incubated by S(-) and R(+) enantiomers of chiral drug warfarin - An analysis in cell-based system and clinical samples. <i>Proteomics - Clinical Applications</i> , 2010 , 4, 808-15	3.1	2
6	High performance liquid chromatography with ultraviolet detection for the determination of SYUIQ-5, a novel telomerase inhibitor for cancer therapy: application to an enzyme kinetic study in rat liver microsomes. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 854, 332-7	3.2	2
5	Clinical Significance of Thiopurine S-Methyltransferase Gene Polymorphisms. <i>Current Pharmacogenomics and Personalized Medicine: the International Journal for Expert Reviews in Pharmacogenomics</i> , 2007 , 5, 103-115		2
4	The M351T BCR-ABL Kinase Mutation Is Uncommon in Asian Patients with Imatinib-Resistant Chronic Myeloid Leukemia: Possible Relationship with Imatinib Plasma Levels.. <i>Blood</i> , 2008 , 112, 2122-2122	2.2	1
3	Pharmacogenetics of Oxazaphosphorines and its Clinical Implications. <i>Current Pharmacogenomics and Personalized Medicine: the International Journal for Expert Reviews in Pharmacogenomics</i> , 2007 , 5, 143-156		
2	Pharmacogenomics in Developing Asian Countries. <i>Advances in Microbial Ecology</i> , 2012 , 183-214		
1	Docetaxel pharmacogenetics: The influence of RXR α and HNF4 α genetic variations on docetaxel disposition in Asian nasopharyngeal carcinoma patients.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 2598-2598	2.2	2