

Zheng Jiao

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100
papers

1,240
citations

21
h-index

30
g-index

128
ext. papers

1,671
ext. citations

3.8
avg. IF

4.41
L-index

#	Paper	IF	Citations
100	Association of MDR1, CYP3A4*18B, and CYP3A5*3 polymorphisms with cyclosporine pharmacokinetics in Chinese renal transplant recipients. <i>European Journal of Clinical Pharmacology</i> , 2008 , 64, 1069-84	2.8	72
99	Simultaneous determination of procaine, lidocaine, ropivacaine, tetracaine and bupivacaine in human plasma by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 1185-9	3.2	54
98	Population pharmacokinetic modelling for enterohepatic circulation of mycophenolic acid in healthy Chinese and the influence of polymorphisms in UGT1A9. <i>British Journal of Clinical Pharmacology</i> , 2008 , 65, 893-907	3.8	53
97	Evidence-based Guideline for Therapeutic Drug Monitoring of Vancomycin: 2020 Update by the Division of Therapeutic Drug Monitoring, Chinese Pharmacological Society. <i>Clinical Infectious Diseases</i> , 2020 , 71, S363-S371	11.6	49
96	External evaluation of published population pharmacokinetic models of tacrolimus in adult renal transplant recipients. <i>British Journal of Clinical Pharmacology</i> , 2016 , 81, 891-907	3.8	44
95	Association of ABCB1, CYP3A4*18B and CYP3A5*3 genotypes with the pharmacokinetics of tacrolimus in healthy Chinese subjects: a population pharmacokinetic analysis. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2011 , 36, 614-24	2.2	41
94	The association of the UGT1A8, SLCO1B3 and ABCC2/ABCG2 genetic polymorphisms with the pharmacokinetics of mycophenolic acid and its phenolic glucuronide metabolite in Chinese individuals. <i>Clinica Chimica Acta</i> , 2012 , 413, 683-90	6.2	36
93	A population pharmacokinetic model of valproic acid in pediatric patients with epilepsy: a non-linear pharmacokinetic model based on protein-binding saturation. <i>Clinical Pharmacokinetics</i> , 2015 , 54, 305-17	6.2	35
92	Study of GABA in Healthy Volunteers: Pharmacokinetics and Pharmacodynamics. <i>Frontiers in Pharmacology</i> , 2015 , 6, 260	5.6	34
91	Validation of Chinese version of the Morisky medication adherence scale in patients with epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014 , 23, 295-9	3.2	33
90	Simultaneous determination of aciclovir, ganciclovir, and penciclovir in human plasma by high-performance liquid chromatography with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 867, 270-6	3.2	33
89	Quantification of total and free mycophenolic acid in human plasma by liquid chromatography with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 817, 207-13	3.2	30
88	Total and free mycophenolic acid and its 7-O-glucuronide metabolite in Chinese adult renal transplant patients: pharmacokinetics and application of limited sampling strategies. <i>European Journal of Clinical Pharmacology</i> , 2007 , 63, 27-37	2.8	29
87	SCN1A, ABCC2 and UGT2B7 gene polymorphisms in association with individualized oxcarbazepine therapy. <i>Pharmacogenomics</i> , 2015 , 16, 347-60	2.6	27
86	The effects of medication education and behavioral intervention on Chinese patients with epilepsy. <i>Epilepsy and Behavior</i> , 2014 , 37, 157-64	3.2	27
85	Self-reported adherence in patients with epilepsy who missed their medications and reasons for nonadherence in China. <i>Epilepsy and Behavior</i> , 2013 , 27, 85-9	3.2	27
84	External evaluation of population pharmacokinetic models for ciclosporin in adult renal transplant recipients. <i>British Journal of Clinical Pharmacology</i> , 2018 , 84, 153-171	3.8	24

83	Population pharmacokinetics of sirolimus in de novo Chinese adult renal transplant patients. <i>British Journal of Clinical Pharmacology</i> , 2009 , 68, 47-60	3.8	23
82	Simultaneous determination of mycophenolic acid and valproic acid based on derivatization by high-performance liquid chromatography with fluorescence detection. <i>Biomedical Chromatography</i> , 2006 , 20, 319-26	1.7	23
81	Pharmacokinetic comparisons of berberine and palmatine in normal and metabolic syndrome rats. <i>Journal of Ethnopharmacology</i> , 2014 , 151, 287-91	5	22
80	Prediction of Drug-Drug Interaction between Tacrolimus and Principal Ingredients of Wuzhi Capsule in Chinese Healthy Volunteers Using Physiologically-Based Pharmacokinetic Modelling. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 122, 331-340	3.1	21
79	Population pharmacokinetics of carbamazepine in Chinese epilepsy patients. <i>Therapeutic Drug Monitoring</i> , 2003 , 25, 279-86	3.2	21
78	Population pharmacokinetic modeling of steady state clearance of carbamazepine and its epoxide metabolite from sparse routine clinical data. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2004 , 29, 247-56	2.2	21
77	Chemical profiling of San-Huang decoction by UPLC-ESI-Q-TOF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 131, 20-32	3.5	21
76	The impact of sulfonylureas on tacrolimus apparent clearance revealed by a population pharmacokinetics analysis in Chinese adult liver-transplant patients. <i>Therapeutic Drug Monitoring</i> , 2012 , 34, 126-33	3.2	20
75	Isocratic Reversed-Phase HPLC for Simultaneous Separation and Determination of Seven Antiepileptic Drugs and Two of their Active Metabolites in Human Plasma. <i>Chromatographia</i> , 2007 , 65, 267-275	2.1	20
74	Population pharmacokinetics of vancomycin in adult Chinese patients with post-craniotomy meningitis and its application in individualised dosage regimens. <i>European Journal of Clinical Pharmacology</i> , 2016 , 72, 29-37	2.8	19
73	Citrate Pharmacokinetics in Critically Ill Patients with Acute Kidney Injury. <i>PLoS ONE</i> , 2013 , 8, e65992	3.7	19
72	The effect of poor compliance on the pharmacokinetics of carbamazepine and its epoxide metabolite using Monte Carlo simulation. <i>Acta Pharmacologica Sinica</i> , 2012 , 33, 1431-40	8	18
71	Association between PK/PD-involved gene polymorphisms and carbamazepine-individualized therapy. <i>Pharmacogenomics</i> , 2015 , 16, 1499-512	2.6	16
70	Genetic association of FOXP3 gene polymorphisms with allograft rejection in renal transplant patients. <i>Nephrology</i> , 2012 , 17, 423-30	2.2	16
69	FOXP3 rs3761548 polymorphism is associated with tacrolimus-induced acute nephrotoxicity in renal transplant patients. <i>European Journal of Clinical Pharmacology</i> , 2017 , 73, 39-47	2.8	16
68	Population pharmacokinetics of mycophenolic acid and its main glucuronide metabolite: a comparison between healthy Chinese and Caucasian subjects receiving mycophenolate mofetil. <i>European Journal of Clinical Pharmacology</i> , 2015 , 71, 95-106	2.8	16
67	Population pharmacokinetics of valproic acid in adult Chinese epileptic patients and its application in an individualized dosage regimen. <i>Therapeutic Drug Monitoring</i> , 2015 , 37, 76-83	3.2	14
66	Prediction of pharmacokinetic drug-drug interactions causing atorvastatin-induced rhabdomyolysis using physiologically based pharmacokinetic modelling. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 119, 109416	7.5	13

65	Population Pharmacokinetics of Vancomycin in Chinese ICU Neonates: Initial Dosage Recommendations. <i>Frontiers in Pharmacology</i> , 2018 , 9, 603	5.6	12
64	The Validation of an LC-MS Method for the Determination of Risperidone and its Active Metabolite 9-Hydroxyrisperidone in Human Plasma. <i>Chromatographia</i> , 2005 , 61, 245-251	2.1	12
63	Systematic external evaluation of published population pharmacokinetic models of mycophenolate mofetil in adult kidney transplant recipients co-administered with tacrolimus. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 746-761	3.8	12
62	Prediction of Ticagrelor and its Active Metabolite in Liver Cirrhosis Populations Using a Physiologically Based Pharmacokinetic Model Involving Pharmacodynamics. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 2781-2790	3.9	10
61	Simple High-Performance Liquid Chromatographic Assay, with Post-Column Derivatization, for Simultaneous Determination of Mycophenolic Acid and its Glucuronide Metabolite in Human Plasma and Urine. <i>Chromatographia</i> , 2005 , 62, 363-371	2.1	8
60	Population pharmacokinetic and optimization of polymyxin B dosing in adult patients with various renal functions. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 1869-1877	3.8	8
59	FOXP3 rs3761549 polymorphism predicts long-term renal allograft function in patients receiving cyclosporine-based immunosuppressive regimen. <i>Gene</i> , 2018 , 644, 93-100	3.8	8
58	Pharmacokinetics and pharmacogenetics of high-dose methotrexate in Chinese adult patients with non-Hodgkin lymphoma: a population analysis. <i>Cancer Chemotherapy and Pharmacology</i> , 2020 , 85, 881-897	3.7	7
57	Population pharmacokinetics and dosing regimen optimization of tacrolimus in Chinese lung transplant recipients. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 152, 105448	5.1	7
56	Effect of long-term coadministration of compound glycyrrhizin tablets on the pharmacokinetics of mycophenolic acid in rats. <i>Xenobiotica</i> , 2016 , 46, 627-633	2	7
55	Simple and Sensitive Determination of Metformin in Human Plasma Using an Ion-Pair LC Method. <i>Chromatographia</i> , 2009 , 70, 1511-1514	2.1	7
54	Population pharmacokinetics of oxcarbazepine active metabolite in Chinese paediatric epilepsy patients and its application in individualised dosage regimens. <i>European Journal of Clinical Pharmacology</i> , 2019 , 75, 381-392	2.8	7
53	Can Population Pharmacokinetics of Antibiotics be Extrapolated? Implications of External Evaluations. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 53-68	6.2	7
52	Systematic external evaluation of published population pharmacokinetic models for tacrolimus in adult liver transplant recipients. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 145, 105237	5.1	6
51	Population pharmacokinetic study of tacrolimus in pediatric patients with primary nephrotic syndrome: A comparison of linear and nonlinear Michaelis-Menten pharmacokinetic model. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 143, 105199	5.1	6
50	How to Handle Delayed or Missed Doses: A Population Pharmacokinetic Perspective. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2020 , 45, 163-172	2.7	6
49	FKBP1A rs6041749 polymorphism is associated with allograft function in renal transplant patients. <i>European Journal of Clinical Pharmacology</i> , 2019 , 75, 33-40	2.8	6
48	NFATC1 genotypes affect acute rejection and long-term graft function in cyclosporine-treated renal transplant recipients. <i>Pharmacogenomics</i> , 2017 , 18, 381-392	2.6	5

47	Physiologically Based Pharmacokinetic Modeling to Understand the Absorption of Risperidone Orodispersible Film. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1692	5.6	5
46	Development of a Physiologically Based Pharmacokinetic Model for Prediction of Pramipexole Pharmacokinetics in Parkinson's Disease Patients With Renal Impairment. <i>Journal of Clinical Pharmacology</i> , 2020 , 60, 999-1010	2.9	5
45	Myasthenia gravis and specific immunotherapy: monoclonal antibodies. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1452, 18-33	6.5	5
44	Lower clearance of sodium tanshinone IIA sulfonate in coronary heart disease patients and the effect of total bilirubin: a population pharmacokinetics analysis. <i>Chinese Journal of Natural Medicines</i> , 2019 , 17, 218-226	2.8	5
43	The pharmacokinetics of ropivacaine in elderly patients undergoing nerve stimulator-guided thoracic paravertebral block. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011 , 25, 592-3	2.1	5
42	Quantification of Teicoplanin in Human Plasma by Liquid Chromatography with Ultraviolet Detection. <i>Chromatographia</i> , 2006 , 65, 9-12	2.1	5
41	Population pharmacokinetic analysis and dosing guidelines for tacrolimus co-administration with Wuzhi capsule in Chinese renal transplant recipients. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2021 , 46, 1117-1128	2.2	5
40	Population pharmacokinetics and dosing regimen optimisation of lopinavir in Chinese adults infected with HIV. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 124, 456-465	3.1	5
39	Effect of Protein Binding on Exposure of Unbound and Total Mycophenolic Acid: A Population Pharmacokinetic Analysis in Chinese Adult Kidney Transplant Recipients. <i>Frontiers in Pharmacology</i> , 2020 , 11, 340	5.6	5
38	CYP3A4 genetic polymorphisms predict cyclosporine-related clinical events in Chinese renal transplant recipients. <i>Chinese Medical Journal</i> , 2012 , 125, 4233-8	2.9	5
37	Optimization and application of an HPLC method for quantification of inosine-5-monophosphate dehydrogenase activity as a pharmacodynamic biomarker of mycophenolic acid in Chinese renal transplant patients. <i>Clinica Chimica Acta</i> , 2018 , 485, 333-339	6.2	4
36	Determination of vancomycin exposure target and individualised dosing recommendations for neonates: model-informed precision dosing. <i>International Journal of Antimicrobial Agents</i> , 2021 , 57, 106300 ³	11.3	4
35	Population Pharmacokinetics of Levetiracetam: A Systematic Review. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 305-318	6.2	4
34	Remedial dosing recommendations for delayed or missed doses of lamotrigine in pediatric patients with epilepsy using Monte Carlo simulations. <i>Epilepsy and Behavior</i> , 2019 , 96, 132-140	3.2	3
33	Remedial dosing recommendations for delayed or missed doses of valproic acid in patients with epilepsy based on Monte Carlo simulations. <i>Epilepsy and Behavior</i> , 2020 , 111, 107265	3.2	3
32	Population Pharmacokinetics of Roppeginterferon Alfa-2b: A Comparison Between Healthy Caucasian and Chinese Subjects. <i>Frontiers in Pharmacology</i> , 2021 , 12, 673492	5.6	3
31	Pharmacokinetics Evaluation of Mycophenolic Acid and Its Glucuronide Metabolite in Chinese Renal Transplant Recipients Receiving Enteric-Coated Mycophenolate Sodium and Tacrolimus. <i>Therapeutic Drug Monitoring</i> , 2018 , 40, 572-580	3.2	3
30	Investigating the interaction between nifedipine- and ritonavir-containing antiviral regimens: A physiologically based pharmacokinetic/pharmacodynamic analysis. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 2790-2806	3.8	2

29	Population Pharmacokinetic Analysis of Tacrolimus in Adult Chinese Patients with Myasthenia Gravis: A Prospective Study. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2020 , 45, 453-466	2.7	2
28	Incorporating nonlinear kinetics to improve predictive performance of population pharmacokinetic models for ciclosporin in adult renal transplant recipients: A comparison of modelling strategies. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 153, 105471	5.1	2
27	Probable Drug Interaction Between Etanercept and Cyclosporine Resulting in Clinically Unexpected Low Trough Concentrations: First Case Report. <i>Frontiers in Pharmacology</i> , 2020 , 11, 939	5.6	2
26	Population pharmacokinetic modeling of pyrotinib in patients with HER2-positive advanced or metastatic breast cancer. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 159, 105729	5.1	2
25	Population pharmacokinetic and pharmacogenetics of imatinib in Chinese patients with chronic myeloid leukemia. <i>Pharmacogenomics</i> , 2019 , 20, 251-260	2.6	2
24	Glomerular Filtration Rate Is a Major Predictor of Clearance of Oxcarbazepine Active Metabolite in Adult Chinese Epileptic Patients: A Population Pharmacokinetic Analysis. <i>Therapeutic Drug Monitoring</i> , 2019 , 41, 665-673	3.2	2
23	TDM-guided medication of polymyxin B in a patient with CRKP-induced bloodstream infection: a case report. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 201-204	5.3	2
22	Population pharmacokinetics of unbound valproic acid in pediatric epilepsy patients in China: a protein binding model. <i>European Journal of Clinical Pharmacology</i> , 2021 , 77, 999-1009	2.8	2
21	Wuzhi Capsule Dosage Affects Tacrolimus Elimination in Adult Kidney Transplant Recipients, as Determined by a Population Pharmacokinetics Analysis. <i>Pharmacogenomics and Personalized Medicine</i> , 2021 , 14, 1093-1106	2.1	2
20	Vincristine drug safety administration survey: results from hospitals in Shanghai, China. <i>European Journal of Hospital Pharmacy</i> , 2015 , 22, 255-259	1.6	1
19	Population Pharmacokinetics of an Anti-PD-1 Antibody Camrelizumab in Patients with Multiple tumor types and model informed dosing strategy		1
18	Population Pharmacokinetics of Vancomycin in Kidney Transplant Recipients: Model Building and Parameter Optimization. <i>Frontiers in Pharmacology</i> , 2020 , 11, 563967	5.6	1
17	Evaluation of the Impacts of Formulation Parameters on the Pharmacokinetics and Bioequivalence of Risperidone Orodispersible Film: a Physiologically Based Pharmacokinetic Modeling Approach. <i>AAPS PharmSciTech</i> , 2020 , 21, 245	3.9	1
16	Caspofungin pharmacokinetics and probability of target attainment in ICU patients in China. <i>Journal of Global Antimicrobial Resistance</i> , 2021 , 25, 238-263	3.4	1
15	Role of organic anion transporter 3 in the renal excretion of biapenem and potential drug-drug interactions. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 162, 105814	5.1	1
14	Population pharmacokinetics of azathioprine active metabolite in patients with inflammatory bowel disease and dosage regimens optimisation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021 , 128, 482-492	3.1	1
13	Population pharmacokinetics of oxcarbazepine: a systematic review. <i>Expert Review of Clinical Pharmacology</i> , 2021 , 14, 853-864	3.8	1
12	Population pharmacokinetics of the anti-PD-1 antibody camrelizumab in patients with multiple tumor types and model-informed dosing strategy. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 1368-1375	8	0

11	Precision Cardio-Oncology: Use of Mechanistic Pharmacokinetic and Pharmacodynamic Modeling to Predict Cardiotoxicities of Anti-Cancer Drugs.. <i>Frontiers in Oncology</i> , 2021 , 11, 814699	5.3	○
10	Model Based Identification of Linezolid Exposure-toxicity Thresholds in Hospitalized Patients. <i>Frontiers in Pharmacology</i> , 2021 , 12, 732503	5.6	○
9	External evaluation of the predictive performance of seven population pharmacokinetic models for phenobarbital in neonates. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 3878-3889	3.8	○
8	Clinical Evaluation of the Tolerability, Pharmacokinetics, and Inhibition of Platelet Aggregation of Eptifibatide in Healthy Chinese Subjects. <i>Clinical Pharmacology in Drug Development</i> , 2020 , 9, 267-276	2.3	○
7	External Evaluation of Vancomycin Population Pharmacokinetic Models at Two Clinical Centers. <i>Frontiers in Pharmacology</i> , 2021 , 12, 623907	5.6	○
6	How to handle the delayed or missed dose of rivaroxaban in patients with non-valvular atrial fibrillation: model-informed remedial dosing. <i>Expert Review of Clinical Pharmacology</i> , 2021 , 14, 1153-1163	3.8	○
5	Genetic polymorphisms in metabolic enzymes and transporters have no impact on mycophenolic acid pharmacokinetics in adult kidney transplant patients co-treated with tacrolimus: A population analysis. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2021 , 46, 1564-1575	2.2	○
4	Dose tailoring of tacrolimus based on a non-linear pharmacokinetic model in children with refractory nephrotic syndrome. <i>International Immunopharmacology</i> , 2021 , 98, 107827	5.8	○
3	Pharmacogenomics of Immunosuppressants 2020 , 83-106		
2	Clinical Evaluation of the Tolerability and Pharmacokinetics of Azilsartan, a Potent Angiotensin Receptor Blocker, in Healthy Chinese Subjects. <i>Clinical Pharmacology in Drug Development</i> , 2020 , 9, 505-513	2.3	○
1	Establishment of a population pharmacokinetics model of vancomycin in 94 infants with septicemia and its application in individualized therapy. <i>BMC Pharmacology & Toxicology</i> , 2021 , 22, 26	2.6	○