

Zheng Jiao

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1436916/zheng-jiao-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. 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.

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	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
99	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
98	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	0
97	Model Based Identification of Linezolid Exposure-toxicity Thresholds in Hospitalized Patients. <i>Frontiers in Pharmacology</i> , 2021 , 12, 732503	5.6	0
96	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	14.3	4
95	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
94	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	0
93	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
92	Population Pharmacokinetics of Ropoginterferon Alfa-2b: A Comparison Between Healthy Caucasian and Chinese Subjects. <i>Frontiers in Pharmacology</i> , 2021 , 12, 673492	5.6	3
91	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	
90	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
89	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
88	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
87	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
86	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
85	Can Population Pharmacokinetics of Antibiotics be Extrapolated? Implications of External Evaluations. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 53-68	6.2	7
84	Population Pharmacokinetics of Levetiracetam: A Systematic Review. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 305-318	6.2	4

83	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
82	External Evaluation of Vancomycin Population Pharmacokinetic Models at Two Clinical Centers. <i>Frontiers in Pharmacology</i> , 2021 , 12, 623907	5.6	0
81	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	0
80	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	0
79	Population pharmacokinetics of oxcarbazepine: a systematic review. <i>Expert Review of Clinical Pharmacology</i> , 2021 , 14, 853-864	3.8	1
78	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
77	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	0
76	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
75	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
74	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
73	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
72	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
71	Pharmacogenomics of Immunosuppressants 2020 , 83-106		
70	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
69	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	3
68	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
67	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
66	Population Pharmacokinetics of Vancomycin in Kidney Transplant Recipients: Model Building and Parameter Optimization. <i>Frontiers in Pharmacology</i> , 2020 , 11, 563967	5.6	1

65	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
64	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
63	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
62	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
61	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	0
60	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
59	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
58	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
57	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
56	Physiologically Based Pharmacokinetic Modeling to Understand the Absorption of Risperidone Orodispersible Film. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1692	5.6	5
55	Myasthenia gravis and specific immunotherapy: monoclonal antibodies. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1452, 18-33	6.5	5
54	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
53	Population pharmacokinetic and pharmacogenetics of imatinib in Chinese patients with chronic myeloid leukemia. <i>Pharmacogenomics</i> , 2019 , 20, 251-260	2.6	2
52	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
51	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
50	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
49	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
48	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

47	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
46	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
45	Population Pharmacokinetics of Vancomycin in Chinese ICU Neonates: Initial Dosage Recommendations. <i>Frontiers in Pharmacology</i> , 2018 , 9, 603	5.6	12
44	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
43	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
42	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
41	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
40	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
39	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
38	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
37	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
36	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
35	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
34	SCN1A, ABCC2 and UGT2B7 gene polymorphisms in association with individualized oxcarbazepine therapy. <i>Pharmacogenomics</i> , 2015 , 16, 347-60	2.6	27
33	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
32	Association between PK/PD-involved gene polymorphisms and carbamazepine-individualized therapy. <i>Pharmacogenomics</i> , 2015 , 16, 1499-512	2.6	16
31	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
30	Study of GABA in Healthy Volunteers: Pharmacokinetics and Pharmacodynamics. <i>Frontiers in Pharmacology</i> , 2015 , 6, 260	5.6	34

29	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
28	Pharmacokinetic comparisons of berberine and palmatine in normal and metabolic syndrome rats. <i>Journal of Ethnopharmacology</i> , 2014 , 151, 287-91	5	22
27	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
26	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
25	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
24	Citrate Pharmacokinetics in Critically Ill Patients with Acute Kidney Injury. <i>PLoS ONE</i> , 2013 , 8, e65992	3.7	19
23	Genetic association of FOXP3 gene polymorphisms with allograft rejection in renal transplant patients. <i>Nephrology</i> , 2012 , 17, 423-30	2.2	16
22	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
21	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
20	The impact of sulfonyleureas 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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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

11	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
10	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
9	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
8	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
7	Quantification of Teicoplanin in Human Plasma by Liquid Chromatography with Ultraviolet Detection. <i>Chromatographia</i> , 2006 , 65, 9-12	2.1	5
6	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
5	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
4	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
3	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
2	Population pharmacokinetics of carbamazepine in Chinese epilepsy patients. <i>Therapeutic Drug Monitoring</i> , 2003 , 25, 279-86	3.2	21
1	Population Pharmacokinetics of an Anti-PD-1 Antibody Camrelizumab in Patients with Multiple tumor types and model informed dosing strategy		1