

Christine E. Staatsz

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.

97
papers

4,056
citations

31
h-index

62
g-index

101
ext. papers

4,604
ext. citations

3.8
avg, IF

5.7
L-index

#	Paper	IF	Citations
97	Clinical pharmacokinetics and pharmacodynamics of tacrolimus in solid organ transplantation. <i>Clinical Pharmacokinetics</i> , 2004 , 43, 623-53	6.2	562
96	Clinical pharmacokinetics and pharmacodynamics of mycophenolate in solid organ transplant recipients. <i>Clinical Pharmacokinetics</i> , 2007 , 46, 13-58	6.2	406
95	Conditional weighted residuals (CWRES): a model diagnostic for the FOCE method. <i>Pharmaceutical Research</i> , 2007 , 24, 2187-97	4.5	249
94	Effect of CYP3A and ABCB1 single nucleotide polymorphisms on the pharmacokinetics and pharmacodynamics of calcineurin inhibitors: Part I. <i>Clinical Pharmacokinetics</i> , 2010 , 49, 141-75	6.2	246
93	Beta-Lactam Infusion in Severe Sepsis (BLISS): a prospective, two-centre, open-labelled randomised controlled trial of continuous versus intermittent beta-lactam infusion in critically ill patients with severe sepsis. <i>Intensive Care Medicine</i> , 2016 , 42, 1535-1545	14.5	172
92	Effect of CYP3A and ABCB1 single nucleotide polymorphisms on the pharmacokinetics and pharmacodynamics of calcineurin inhibitors: Part II. <i>Clinical Pharmacokinetics</i> , 2010 , 49, 207-21	6.2	148
91	PharmGKB summary: cyclosporine and tacrolimus pathways. <i>Pharmacogenetics and Genomics</i> , 2013 , 23, 563-85	1.9	137
90	Pharmacology and toxicology of mycophenolate in organ transplant recipients: an update. <i>Archives of Toxicology</i> , 2014 , 88, 1351-89	5.8	115
89	Population pharmacokinetics of tacrolimus in adult kidney transplant recipients. <i>Clinical Pharmacology and Therapeutics</i> , 2002 , 72, 660-9	6.1	110
88	Low tacrolimus concentrations and increased risk of early acute rejection in adult renal transplantation. <i>Nephrology Dialysis Transplantation</i> , 2001 , 16, 1905-9	4.3	108
87	Development and evaluation of vancomycin dosage guidelines designed to achieve new target concentrations. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 63, 1050-7	5.1	97
86	Mycophenolate, clinical pharmacokinetics, formulations, and methods for assessing drug exposure. <i>Transplantation Reviews</i> , 2011 , 25, 47-57	3.3	89
85	Once- versus twice-daily tacrolimus: are the formulations truly equivalent?. <i>Drugs</i> , 2011 , 71, 1561-77	12.1	78
84	Predictors of new onset diabetes after renal transplantation. <i>Clinical Transplantation</i> , 2007 , 21, 136-43	3.8	75
83	Clinical pharmacokinetics and pharmacodynamics of prednisolone and prednisone in solid organ transplantation. <i>Clinical Pharmacokinetics</i> , 2012 , 51, 711-41	6.2	67
82	Clinical Pharmacokinetics of Once-Daily Tacrolimus in Solid-Organ Transplant Patients. <i>Clinical Pharmacokinetics</i> , 2015 , 54, 993-1025	6.2	64
81	Improved prediction of tacrolimus concentrations early after kidney transplantation using theory-based pharmacokinetic modelling. <i>British Journal of Clinical Pharmacology</i> , 2014 , 78, 509-23	3.8	58

80	Population pharmacokinetics of mycophenolic acid during the first week after renal transplantation. <i>European Journal of Clinical Pharmacology</i> , 2005 , 61, 507-16	2.8	57
79	Population pharmacokinetics of tacrolimus in adult kidney transplant patients: impact of CYP3A5 genotype on starting dose. <i>Therapeutic Drug Monitoring</i> , 2014 , 36, 62-70	3.2	56
78	Toward better outcomes with tacrolimus therapy: population pharmacokinetics and individualized dosage prediction in adult liver transplantation. <i>Liver Transplantation</i> , 2003 , 9, 130-7	4.5	56
77	Population Pharmacokinetic Modelling and Bayesian Estimation of Tacrolimus Exposure: Is this Clinically Useful for Dosage Prediction Yet?. <i>Clinical Pharmacokinetics</i> , 2016 , 55, 1295-1335	6.2	51
76	Clinical pharmacokinetics and pharmacodynamics of mycophenolate in patients with autoimmune disease. <i>Clinical Pharmacokinetics</i> , 2013 , 52, 303-31	6.2	47
75	Population pharmacokinetics of tobramycin in patients with and without cystic fibrosis. <i>Clinical Pharmacokinetics</i> , 2013 , 52, 289-301	6.2	47
74	Pharmacokinetic considerations relating to tacrolimus dosing in the elderly. <i>Drugs and Aging</i> , 2005 , 22, 541-57	4.7	44
73	Pharmacogenetic influences on mycophenolate therapy. <i>Pharmacogenomics</i> , 2010 , 11, 369-90	2.6	42
72	Evaluation and comparison of simple multiple model, richer data multiple model, and sequential interacting multiple model (IMM) Bayesian analyses of gentamicin and vancomycin data collected from patients undergoing cardiothoracic surgery. <i>Therapeutic Drug Monitoring</i> , 2008 , 30, 67-74	3.2	38
71	Comparison of an ELISA and an LC/MS/MS method for measuring tacrolimus concentrations and making dosage decisions in transplant recipients. <i>Therapeutic Drug Monitoring</i> , 2002 , 24, 607-15	3.2	37
70	NR112 polymorphisms are related to tacrolimus dose-adjusted exposure and BK viremia in adult kidney transplantation. <i>Transplantation</i> , 2012 , 94, 1025-32	1.8	35
69	Population pharmacokinetics of tacrolimus in pediatric hematopoietic stem cell transplant recipients: new initial dosage suggestions and a model-based dosage adjustment tool. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 457-66	3.2	34
68	Evaluation of limited sampling methods for estimation of tacrolimus exposure in adult kidney transplant recipients. <i>British Journal of Clinical Pharmacology</i> , 2011 , 71, 207-23	3.8	33
67	Population pharmacokinetics of tacrolimus in children who receive cut-down or full liver transplants. <i>Transplantation</i> , 2001 , 72, 1056-61	1.8	32
66	Therapeutic monitoring of mycophenolate in transplantation: is it justified?. <i>Current Drug Metabolism</i> , 2009 , 10, 179-87	3.5	30
65	Population pharmacokinetic modelling of gentamicin and vancomycin in patients with unstable renal function following cardiothoracic surgery. <i>British Journal of Clinical Pharmacology</i> , 2006 , 61, 164-76 ^{3.8}	3.8	30
64	Population pharmacokinetics of tacrolimus in pediatric liver transplantation: early posttransplantation clearance. <i>Therapeutic Drug Monitoring</i> , 2011 , 33, 663-72	3.2	29
63	Kidney transplant outcomes are related to tacrolimus, mycophenolic acid and prednisolone exposure in the first week. <i>Transplant International</i> , 2012 , 25, 1182-93	3	28

62	Comparing dosage adjustment methods for once-daily tobramycin in paediatric and adolescent patients with cystic fibrosis. <i>Clinical Pharmacokinetics</i> , 2015 , 54, 409-21	6.2	26
61	Maximum a posteriori Bayesian estimation of mycophenolic Acid area under the concentration-time curve: is this clinically useful for dosage prediction yet?. <i>Clinical Pharmacokinetics</i> , 2011 , 50, 759-72	6.2	26
60	A pharmacodynamic investigation of tacrolimus in pediatric liver transplantation. <i>Liver Transplantation</i> , 2004 , 10, 506-12	4.5	24
59	Investigating barriers to immunosuppressant medication adherence in renal transplant patients. <i>Nephrology</i> , 2019 , 24, 102-110	2.2	23
58	Evaluation of limited sampling strategies for mycophenolic acid after mycophenolate mofetil intake in adult kidney transplant recipients. <i>Therapeutic Drug Monitoring</i> , 2010 , 32, 723-33	3.2	21
57	Population pharmacokinetic modelling, Monte Carlo simulation and semi-mechanistic pharmacodynamic modelling as tools to personalize gentamicin therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 639-667	5.1	20
56	BK Virus in Kidney Transplant Recipients: The Influence of Immunosuppression. <i>Journal of Transplantation</i> , 2011 , 2011, 750836	2.3	20
55	Assessing Predictive Performance of Published Population Pharmacokinetic Models of Intravenous Tobramycin in Pediatric Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3407-14	5.9	20
54	Optimizing Mycophenolic Acid Exposure in Kidney Transplant Recipients: Time for Target Concentration Intervention. <i>Transplantation</i> , 2019 , 103, 2012-2030	1.8	19
53	Effects of combinational CYP3A5 6986A>G polymorphism in graft liver and native intestine on the pharmacokinetics of tacrolimus in liver transplant patients: a meta-analysis. <i>Therapeutic Drug Monitoring</i> , 2014 , 36, 442-7	3.2	18
52	Evaluation of the mycophenolic acid exposure estimation methods used in the APOMYGERE, FDCC, and Optcept trials. <i>Transplantation</i> , 2010 , 90, 44-51	1.8	18
51	Sampling times for monitoring tacrolimus in stable adult liver transplant recipients. <i>Therapeutic Drug Monitoring</i> , 2004 , 26, 593-9	3.2	18
50	An evaluation of the user-friendliness of Bayesian forecasting programs in a clinical setting. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 2436-2441	3.8	17
49	Bayesian forecasting and prediction of tacrolimus concentrations in pediatric liver and adult renal transplant recipients. <i>Therapeutic Drug Monitoring</i> , 2003 , 25, 158-66	3.2	15
48	Evaluation of limited sampling strategies for total and free prednisolone in adult kidney transplant recipients. <i>European Journal of Clinical Pharmacology</i> , 2011 , 67, 1243-52	2.8	14
47	A limited sampling strategy for the simultaneous estimation of tacrolimus, mycophenolic acid and unbound prednisolone exposure in adult kidney transplant recipients. <i>Nephrology</i> , 2012 , 17, 294-9	2.2	13
46	Quizzing for success: Evaluation of the impact of feedback quizzes on the experiences and academic performance of undergraduate students in two clinical pharmacokinetics courses. <i>Currents in Pharmacy Teaching and Learning</i> , 2019 , 11, 742-749	1.5	12
45	Comparison of two population pharmacokinetic programs, NONMEM and P-PHARM, for tacrolimus. <i>European Journal of Clinical Pharmacology</i> , 2002 , 58, 597-605	2.8	12

44	Multinational Evaluation of Mycophenolic Acid, Tacrolimus, Cyclosporin, Sirolimus, and Everolimus Utilization. <i>Annals of Transplantation</i> , 2016 , 21, 1-11	1.4	12
43	Population Pharmacokinetics of Doripenem in Critically Ill Patients with Sepsis in a Malaysian Intensive Care Unit. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 206-14	5.9	11
42	A Population Pharmacokinetic Model of Gentamicin in Pediatric Oncology Patients To Facilitate Personalized Dosing. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	11
41	Ester prodrugs of a potent analgesic, morphine-6-sulfate: syntheses, spectroscopic and physicochemical properties. <i>International Journal of Pharmaceutics</i> , 1998 , 163, 177-190	6.5	11
40	Exposure-effect relationship of mycophenolic acid and prednisolone in adult patients with lupus nephritis. <i>British Journal of Clinical Pharmacology</i> , 2015 , 80, 1064-75	3.8	10
39	Review: Pharmacodynamic monitoring of immunosuppression in kidney transplantation. <i>Nephrology</i> , 2010 , 15, 522-32	2.2	10
38	Usage and monitoring of intravenous tobramycin in cystic fibrosis in Australia and the UK. <i>Journal of Pharmacy Practice and Research</i> , 2016 , 46, 15-21	0.7	10
37	Characterizing the pharmacokinetics and pharmacodynamics of immunosuppressant medicines and patient outcomes in elderly renal transplant patients. <i>Translational Andrology and Urology</i> , 2019 , 8, S198-S213 ^{2,3} 9		
36	How accurate and precise are limited sampling strategies in estimating exposure to mycophenolic acid in people with autoimmune disease?. <i>Clinical Pharmacokinetics</i> , 2014 , 53, 227-245	6.2	9
35	Review of the Pharmacokinetics and Pharmacodynamics of Intravenous Busulfan in Paediatric Patients. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 17-51	6.2	9
34	Relationships of tacrolimus pharmacokinetic measures and adverse outcomes in stable adult liver transplant recipients. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2006 , 31, 17-25	2.2	8
33	Identifying Drug-Related Readmissions Is There a Better Way of Assessing the Contribution of Adverse Medication Events?. <i>Journal of Pharmacy Practice and Research</i> , 2000 , 30, 47-53		7
32	Development of Improved Dosing Regimens for Mycophenolate Mofetil Based on Population Pharmacokinetic Analyses in Adults with Lupus Nephritis. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017 , 42, 993-1004	2.7	7
31	Investigation of the Association Between Total and Free Plasma and Saliva Mycophenolic Acid Concentrations Following Administration of Enteric-Coated Mycophenolate Sodium in Adult Kidney Transplant Recipients. <i>Clinical Drug Investigation</i> , 2019 , 39, 1175-1184	3.2	6
30	Genetics and nonmelanoma skin cancer in kidney transplant recipients. <i>Pharmacogenomics</i> , 2015 , 16, 161-72	2.6	6
29	Gentamicin Pharmacokinetics and Monitoring in Pediatric Patients with Febrile Neutropenia. <i>Therapeutic Drug Monitoring</i> , 2016 , 38, 693-698	3.2	6
28	Comparison of the influence of cyclosporine and tacrolimus on the pharmacokinetics of prednisolone in adult male kidney transplant recipients. <i>Clinical Drug Investigation</i> , 2014 , 34, 183-8	3.2	6
27	Comparison of methods to estimate glomerular filtration rate in paediatric oncology patients. <i>Journal of Paediatrics and Child Health</i> , 2018 , 54, 141-147	1.3	6

26	Prescription Opioid Fatalities: Examining Why the Healer Could be the Culprit. <i>Drug Safety</i> , 2018 , 41, 1023-1033	5.1	6
25	Exploratory study of total and free prednisolone plasma exposure and cushingoid appearance, quality of life and biochemical toxicity in adult male kidney transplant recipients. <i>Clinical Drug Investigation</i> , 2015 , 35, 743-50	3.2	5
24	Evaluation of Multiple Linear Regression-Based Limited Sampling Strategies for Enteric-Coated Mycophenolate Sodium in Adult Kidney Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , 2018 , 40, 195-201	3.2	5
23	Antimicrobial stewardship in paediatric oncology: Impact on optimising gentamicin use in febrile neutropenia. <i>Pediatric Blood and Cancer</i> , 2018 , 65, e26810	3	5
22	Kidney transplant recipient's perceptions of blood testing through microsampling and venepuncture. <i>Bioanalysis</i> , 2020 , 12, 873-881	2.1	4
21	Oral bioavailability and pharmacokinetics of esculetin following intravenous and oral administration in rats. <i>Xenobiotica</i> , 2021 , 51, 811-817	2	4
20	Expression of Bcl-xL and Mcl-1 in the nonmelanoma skin cancers of renal transplant recipients. <i>American Journal of Clinical Pathology</i> , 2015 , 143, 514-26	1.9	3
19	Sirolimus Increases T-Cell Abundance in the Sun Exposed Skin of Kidney Transplant Recipients. <i>Transplantation Direct</i> , 2017 , 3, e171	2.3	3
18	A differential impact of mycophenolic acid, prednisolone, and tacrolimus exposure on sCD30 levels in adult kidney transplant recipients. <i>Therapeutic Drug Monitoring</i> , 2013 , 35, 240-5	3.2	3
17	Is Conversion from Mycophenolate Mofetil to Enteric-Coated Mycophenolate Sodium Justifiable for Gastrointestinal Quality of Life?. <i>Drugs in R and D</i> , 2018 , 18, 271-282	3.4	3
16	Patterns in use and costs of conventional and biologic disease-modifying anti-rheumatic drugs in Australia. <i>Clinical and Experimental Rheumatology</i> , 2017 , 35, 907-912	2.2	3
15	Balancing Antibacterial Efficacy and Reduction in Renal Function to Optimise Initial Gentamicin Dosing in Paediatric Oncology Patients. <i>AAPS Journal</i> , 2017 , 20, 14	3.7	2
14	Tacrolimus pharmacokinetics after kidney transplantation--Influence of changes in haematocrit and steroid dose. <i>British Journal of Clinical Pharmacology</i> , 2015 , 80, 1475-6	3.8	2
13	Gentamicin Pharmacokinetics and Monitoring in Pediatric Febrile Neutropenic Patients. <i>Therapeutic Drug Monitoring</i> , 2016 , 1	3.2	2
12	Pharmacokinetic and Pharmacodynamic Considerations in Relation to Calcineurin Usage in Elderly Kidney Transplant Recipients. <i>Frontiers in Pharmacology</i> , 2021 , 12, 635165	5.6	2
11	Prednisolone Concentrations in Plasma (Total and Unbound) and Saliva of Adult Kidney Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , 2019 , 41, 755-760	3.2	2
10	Pharmacometrics in Australasia-Twenty Years of Population Approach Group of Australia and New Zealand. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2019 , 8, 701-704	4.5	1
9	A comparison of mycophenolate use in Australia and Northern Europe, and the impact on the pharmaceutical benefits scheme. <i>Pharmacoepidemiology and Drug Safety</i> , 2009 , 18, 386-92	2.6	1

8	Comparison of free plasma versus saliva mycophenolic acid exposure following mycophenolate mofetil administration in adult kidney transplant recipients. <i>Clinical Biochemistry</i> , 2021 , 100, 78-78	3.5	1
7	Evaluation of Bayesian Forecasting Methods for Prediction of Tacrolimus Exposure Using Samples Taken on Two Occasions in Adult Kidney Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , 2021 , 43, 238-246	3.2	0
6	Patterns in use and costs of subsidising 5-aminosalicylic acid compounds and biologic agents in the treatment of inflammatory bowel disease in Australia. <i>Digestive and Liver Disease</i> , 2018 , 50, 314-317	3.3	
5	Tacrolimus in Patients with Rheumatoid Arthritis. <i>Drugs</i> , 2005 , 65, 1002-1003	12.1	
4	Pharmacokinetics of eperisone following oral administration in healthy Korean volunteers. <i>Biopharmaceutics and Drug Disposition</i> , 2021 , 42, 94-102	1.7	
3	Evaluating the utilisation and expenditure patterns of erythropoietin stimulating agents and immunosuppressants in Australian chronic kidney disease patients. <i>Journal of Pharmaceutical Health Services Research</i> , 2021 , 12, 350-356	1	
2	Gender differences and dose proportionality in the toxicokinetics of udenafil and its active metabolite following oral administration in rodents. <i>Toxicology and Applied Pharmacology</i> , 2021 , 410, 115339	4.6	
1	Pharmacokinetic interaction between dronedarone and ticagrelor following oral administration in rats. <i>Xenobiotica</i> , 2021 , 51, 194-201	2	