

Carl M J Kirkpatrick

List of Publications by Year in Descending Order

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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.

153
papers

5,619
citations

38
h-index

71
g-index

162
ext. papers

6,475
ext. citations

4.7
avg, IF

5.58
L-index

#	Paper	IF	Citations
153	A meta-analysis of palifermin efficacy for the management of oral mucositis in patients with solid tumours and haematological malignancy.. <i>Critical Reviews in Oncology/Hematology</i> , 2022 , 103606	7	0
152	Population Pharmacokinetics of Moxifloxacin in Children.. <i>Paediatric Drugs</i> , 2022 , 24, 163	4.2	1
151	Palifermin, administered for three doses only, reduces mucositis in patients undergoing HSCT and receiving chemoradiotherapy conditioning.. <i>Bone Marrow Transplantation</i> , 2022 ,	4.4	
150	New Horizons in the impact of frailty on pharmacokinetics: latest developments. <i>Age and Ageing</i> , 2021 , 50, 1054-1063	3	3
149	Evaluation of Meropenem-Ciprofloxacin Combination Dosage Regimens for the Pharmacokinetics of Critically Ill Patients With Augmented Renal Clearance. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 109, 1104-1115	6.1	5
148	Population pharmacokinetics of free flucloxacillin in patients treated with oral flucloxacillin plus probenecid. <i>British Journal of Clinical Pharmacology</i> , 2021 ,	3.8	1
147	Rates of PRN Medication Administration in Australian Residential Aged Care. <i>Journal of the American Medical Directors Association</i> , 2021 , 22, 117-123.e1	5.9	6
146	Psychiatrists' Attitudes towards and willingness to prescribe cognitive enhancers in academic settings. <i>Drugs: Education, Prevention and Policy</i> , 2021 , 28, 59-66	1.2	4
145	Systematic review and meta-analysis of oral paracetamol versus combination oral analgesics for acute musculoskeletal injuries. <i>EMA - Emergency Medicine Australasia</i> , 2021 , 33, 107-113	1.5	0
144	Using in silico viral kinetic models to guide therapeutic strategies during a pandemic: An example in SARS-CoV-2. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 3425-3438	3.8	1
143	Reducing Medical Admissions and Presentations Into Hospital through Optimising Medicines (REMAIN HOME): a stepped wedge, cluster randomised controlled trial. <i>Medical Journal of Australia</i> , 2021 , 214, 212-217	4	7
142	Model-informed drug repurposing: A pharmacometric approach to novel pathogen preparedness, response and retrospection. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 3388-3397	3.8	3
141	Quantifying the Impact of Phenoconversion on Medications With Actionable Pharmacogenomic Guideline Recommendations in an Acute Aged Persons Mental Health Setting. <i>Frontiers in Psychiatry</i> , 2021 , 12, 724170	5	2
140	Professionals' attitudes towards the use of cognitive enhancers in academic settings. <i>PLoS ONE</i> , 2020 , 15, e0241968	3.7	3
139	Nurse-initiated pre-prescribed antibiotic orders to facilitate prompt and appropriate antibiotic administration in febrile neutropenia. <i>Supportive Care in Cancer</i> , 2020 , 28, 4337-4343	3.9	2
138	The role of medication advisory committees in residential aged care services. <i>Research in Social and Administrative Pharmacy</i> , 2020 , 16, 1401-1408	2.9	3
137	Qualitative evaluation of how a virtual dementia experience impacts medical and pharmacy students' self-reported knowledge and attitudes towards people with dementia. <i>Dementia</i> , 2020 , 19, 205-220	3	8

136	Unifying a profession and a health care system: Building the case for a "one pharmacy" global community. <i>Research in Social and Administrative Pharmacy</i> , 2020 , 16, 257-260	2.9	2
135	Plan S: A threat to quality of science?. <i>Science</i> , 2019 , 363, 462	33.3	3
134	An Observational Analysis of Medication Use During 5,727 Medical Emergency Team Activations at a Tertiary Referral Hospital. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2019 , 45, 502-508	1.4	
133	Understanding how medications contribute to clinical deterioration and are used in rapid response systems: A comprehensive scoping review. <i>Australian Critical Care</i> , 2019 , 32, 256-272	2.9	3
132	Oral Paracetamol Versus Combination Oral Analgesics for Acute Musculoskeletal Injuries. <i>Annals of Emergency Medicine</i> , 2019 , 74, 521-529	2.1	5
131	The frequency and nature of clinician identified medication-related rapid response system calls. <i>Resuscitation</i> , 2019 , 145, 75-78	4	0
130	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
129	Evaluation of a Situational Judgement Test to Develop Non-Academic Skills in Pharmacy Students. <i>American Journal of Pharmaceutical Education</i> , 2019 , 83, 7074	2.5	10
128	Meropenem-Tobramycin Combination Regimens Combat Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> in the Hollow-Fiber Infection Model Simulating Augmented Renal Clearance in Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 64,	5.9	7
127	An analysis of allele, genotype and phenotype frequencies, actionable pharmacogenomic (PGx) variants and phenoconversion in 5408 Australian patients genotyped for CYP2D6, CYP2C19, CYP2C9 and VKORC1 genes. <i>Journal of Neural Transmission</i> , 2019 , 126, 5-18	4.3	27
126	The dosing and monitoring of vancomycin: what is the best way forward?. <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 401-407	14.3	27
125	Respiratory syncytial virus-A dynamics and the effects of lumicitabine, a nucleoside viral replication inhibitor, in experimentally infected humans. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 442-452	5.1	14
124	Optimizing vancomycin dosage regimens in relation to high-flux haemodialysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 130-134	5.1	1
123	Optimization and Evaluation of Piperacillin-Tobramycin Combination Dosage Regimens against <i>Pseudomonas aeruginosa</i> for Patients with Altered Pharmacokinetics via the Hollow-Fiber Infection Model and Mechanism-Based Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	11
122	Effect of Perioperative Opioids on Cancer-Relevant Circulating Parameters: Mu Opioid Receptor and Toll-Like Receptor 4 Activation Potential, and Proteolytic Profile. <i>Clinical Cancer Research</i> , 2018 , 24, 2319-2327	12.9	15
121	Clinical pharmacy in a regional Australian intensive care unit. <i>Journal of Pharmacy Practice and Research</i> , 2018 , 48, 36-43	0.7	1
120	Vancomycin dosing in chronic high-flux haemodialysis: a systematic review. <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 678-686	14.3	3
119	Differences in suppression of regrowth and resistance despite similar initial bacterial killing for meropenem and piperacillin/tazobactam against <i>Pseudomonas aeruginosa</i> and <i>Escherichia coli</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 91, 69-76	2.9	3

118	Defibrotide for the treatment of sinusoidal obstruction syndrome: evaluation of response to therapy and patient outcomes. <i>Supportive Care in Cancer</i> , 2018 , 26, 947-955	3.9	4
117	Basic Pharmacokinetic Principles 2018 , 1-16		1
116	A Regression Approach to Visual Predictive Checks for Population Pharmacometric Models. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2018 , 7, 678-686	4.5	9
115	Impact of a Virtual Dementia Experience on Medical and Pharmacy Students' Knowledge and Attitudes Toward People with Dementia: A Controlled Study. <i>Journal of Alzheimer's Disease</i> , 2018 , 62, 867-876	4.3	13
114	Lactation: Contamination of Breast Milk with Xenobiotics 2018 , 426-437		
113	Disruptive innovation in community pharmacy - Impact of automation on the pharmacist workforce. <i>Research in Social and Administrative Pharmacy</i> , 2017 , 13, 394-397	2.9	21
112	Lithium in Paediatric Patients with Bipolar Disorder: Implications for Selection of Dosage Regimens via Population Pharmacokinetics/Pharmacodynamics. <i>Clinical Pharmacokinetics</i> , 2017 , 56, 77-90	6.2	28
111	Adverse Drug Reactions Associated With Cholinesterase Inhibitors-Sequence Symmetry Analyses Using Prescription Claims Data. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 186-189	5.9	4
110	Substantial Impact of Altered Pharmacokinetics in Critically Ill Patients on the Antibacterial Effects of Meropenem Evaluated via the Dynamic Hollow-Fiber Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	20
109	Interdisciplinary pharmacometrics linking oseltamivir pharmacology, influenza epidemiology and health economics to inform antiviral use in pandemics. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 1580-1594	3.8	28
108	Reducing Medical Admissions into Hospital through Optimising Medicines (REMAIN HOME) Study: protocol for a stepped-wedge, cluster-randomised trial. <i>BMJ Open</i> , 2017 , 7, e015301	3	10
107	Impact of high-flux haemodialysis on the probability of target attainment for oral amoxicillin/clavulanic acid combination therapy. <i>International Journal of Antimicrobial Agents</i> , 2017 , 50, 110-113	14.3	3
106	Identification of major factors in Australian primary care pharmacists' practice environment that have a bearing on the implementation of professional models of practice. <i>Australian Health Review</i> , 2017 , 41, 378-383	1.8	
105	Applications of Influenza Viral Kinetic Modeling in Drug Development. <i>Current Pharmacology Reports</i> , 2017 , 3, 294-300	5.5	2
104	Patterns of use and appropriateness of antibiotics prescribed to patients receiving haemodialysis: an observational study. <i>BMC Nephrology</i> , 2017 , 18, 156	2.7	14
103	Pharmacist-led medication review in community settings: An overview of systematic reviews. <i>Research in Social and Administrative Pharmacy</i> , 2017 , 13, 661-685	2.9	117
102	Prioritizing interventions to manage polypharmacy in Australian aged care facilities. <i>Research in Social and Administrative Pharmacy</i> , 2017 , 13, 564-574	2.9	26
101	Prevalence and Variability in Medications Contributing to Polypharmacy in Long-Term Care Facilities. <i>Drugs - Real World Outcomes</i> , 2017 , 4, 235-245	2.2	7

100	Medication Use and Fall-Related Hospital Admissions from Long-Term Care Facilities: A Hospital-Based Case-Control Study. <i>Drugs and Aging</i> , 2017 , 34, 625-633	4.7	13
99	Clinical medication review in Australia: A systematic review. <i>Research in Social and Administrative Pharmacy</i> , 2016 , 12, 384-418	2.9	70
98	Comparative Plasma and Cerebrospinal Fluid Pharmacokinetics of Paracetamol After Intravenous and Oral Administration. <i>Anesthesia and Analgesia</i> , 2016 , 123, 610-5	3.9	23
97	Why is polypharmacy increasing in aged care facilities? The views of Australian health care professionals. <i>Journal of Evaluation in Clinical Practice</i> , 2016 , 22, 677-82	2.5	21
96	Effect of different renal function on antibacterial effects of piperacillin against <i>Pseudomonas aeruginosa</i> evaluated via the hollow-fibre infection model and mechanism-based modelling. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2509-20	5.1	26
95	Spontaneously reported haemorrhagic adverse events associated with rivaroxaban and dabigatran in Australia. <i>Therapeutic Advances in Drug Safety</i> , 2016 , 7, 4-10	3.5	7
94	Modeling the impact of interventions against <i>Acinetobacter baumannii</i> transmission in intensive care units. <i>Virulence</i> , 2016 , 7, 141-52	4.7	14
93	Primary antifungal prophylaxis in adult patients with acute lymphoblastic leukaemia: a multicentre audit. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 497-505	5.1	25
92	Developing a Framework for Objective Structured Clinical Examinations Using the Nominal Group Technique. <i>American Journal of Pharmaceutical Education</i> , 2016 , 80, 158	2.5	7
91	Clinically relevant concentrations of fosfomycin combined with polymyxin B, tobramycin or ciprofloxacin enhance bacterial killing of <i>Pseudomonas aeruginosa</i> , but do not suppress the emergence of fosfomycin resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2218-29	5.1	29
90	Defibrotide for the management of sinusoidal obstruction syndrome in patients who undergo haemopoietic stem cell transplantation. <i>Cancer Treatment Reviews</i> , 2016 , 50, 200-204	14.4	5
89	Effects of Changes in Number of Medications and Drug Burden Index Exposure on Transitions Between Frailty States and Death: The Concord Health and Ageing in Men Project Cohort Study. <i>Journal of the American Geriatrics Society</i> , 2016 , 64, 89-95	5.6	75
88	Modelling the time course of antimalarial parasite killing: a tour of animal and human models, translation and challenges. <i>British Journal of Clinical Pharmacology</i> , 2015 , 79, 97-107	3.8	10
87	Pharmacokinetics and safety of oseltamivir in patients with end-stage renal disease treated with automated peritoneal dialysis. <i>British Journal of Clinical Pharmacology</i> , 2015 , 79, 624-35	3.8	8
86	Prevalence and factors associated with polypharmacy in long-term care facilities: a systematic review. <i>Journal of the American Medical Directors Association</i> , 2015 , 16, 535.e1-12	5.9	181
85	Analgesic use before and after oral anticoagulant initiation—a population-based study in Finland. <i>European Journal of Clinical Pharmacology</i> , 2015 , 71, 723-732	2.8	6
84	Comparison of 2 weight-based heparin dosing nomograms in neurology and vascular surgical patients. <i>Therapeutic Drug Monitoring</i> , 2015 , 37, 33-9	3.2	0
83	The Reporting Of Medication use in Observational studies (ROME) Statement. <i>European Journal of Clinical Pharmacology</i> , 2015 , 71, 897-9	2.8	3

82	In vitro pharmacodynamics of fosfomycin against clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 3042-50	5.1	61
81	The pharmacokinetics of metformin and concentrations of haemoglobin A1C and lactate in Indigenous and non-Indigenous Australians with type 2 diabetes mellitus. <i>British Journal of Clinical Pharmacology</i> , 2015 , 79, 617-23	3.8	6
80	Characterising the Transmission Dynamics of <i>Acinetobacter baumannii</i> in Intensive Care Units Using Hidden Markov Models. <i>PLoS ONE</i> , 2015 , 10, e0132037	3.7	9
79	Safe disposal of prescribed medicines. <i>Australian Prescriber</i> , 2015 , 38, 90-2	1.4	11
78	Are standard doses of piperacillin sufficient for critically ill patients with augmented creatinine clearance?. <i>Critical Care</i> , 2015 , 19, 28	10.8	86
77	Integration of a consultant pharmacist into a general practice: development of a collaborative care model. <i>Journal of Pharmacy Practice and Research</i> , 2015 , 45, 375-376	0.7	
76	Are interstitial fluid concentrations of meropenem equivalent to plasma concentrations in critically ill patients receiving continuous renal replacement therapy?. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 528-33	5.1	17
75	Plasma and target-site subcutaneous tissue population pharmacokinetics and dosing simulations of cefazolin in post-trauma critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1495-502 ^{5.1}		43
74	A systematic review of medication exposure assessment in prospective cohort studies of community dwelling older australians. <i>PLoS ONE</i> , 2015 , 10, e0124247	3.7	3
73	The impact of frailty on pharmacokinetics in older people: using gentamicin population pharmacokinetic modeling to investigate changes in renal drug clearance by glomerular filtration. <i>European Journal of Clinical Pharmacology</i> , 2014 , 70, 549-55	2.8	41
72	Predicting the parasite killing effect of artemisinin combination therapy in a murine malaria model. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 2155-63	5.1	12
71	Comparison of the probability of target attainment of anidulafungin against <i>Candida</i> spp. in patients with acute leukaemia. <i>International Journal of Antimicrobial Agents</i> , 2014 , 44, 450-7	14.3	8
70	Pharmacokinetics of piperacillin and tazobactam in plasma and subcutaneous interstitial fluid in critically ill patients receiving continuous venovenous haemodiafiltration. <i>International Journal of Antimicrobial Agents</i> , 2014 , 43, 343-8	14.3	32
69	1063 Estimating Health Outcomes of Antiviral Use in Influenza (flu) Outbreaks by Linking PK/PD and Epidemiology via Transmission Dynamic Model: A Novel Approach. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S311-S312	1	78
68	Optimizing hospital infection control: the role of mathematical modeling. <i>Infection Control and Hospital Epidemiology</i> , 2014 , 35, 1521-30	2	16
67	Resveratrol does not benefit patients with nonalcoholic fatty liver disease. <i>Clinical Gastroenterology and Hepatology</i> , 2014 , 12, 2092-103.e1-6	6.9	198
66	Population pharmacokinetics of metformin in healthy subjects and patients with type 2 diabetes mellitus: simulation of doses according to renal function. <i>Clinical Pharmacokinetics</i> , 2013 , 52, 373-84	6.2	84
65	An educational intervention to improve vancomycin prescribing and monitoring. <i>International Journal of Antimicrobial Agents</i> , 2013 , 41, 393-4	14.3	5

64	Pharmacokinetic modeling and simulation of biweekly subcutaneous immunoglobulin dosing in primary immunodeficiency. <i>Postgraduate Medicine</i> , 2013 , 125, 53-61	3.7	27
63	A time-to-event pharmacodynamic model describing treatment response in patients with pulmonary tuberculosis using days to positivity in automated liquid mycobacterial culture. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 789-95	5.9	29
62	Mechanism-based model of parasite growth and dihydroartemisinin pharmacodynamics in murine malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 508-16	5.9	17
61	The pharmacokinetics of oxypurinol in people with gout. <i>British Journal of Clinical Pharmacology</i> , 2012 , 74, 477-89	3.8	22
60	Quality Use of Medicines--medication safety issues in naming; look-alike, sound-alike medicine names. <i>International Journal of Pharmacy Practice</i> , 2012 , 20, 349-57	1.7	25
59	The relationship between drug clearance and body size: systematic review and meta-analysis of the literature published from 2000 to 2007. <i>Clinical Pharmacokinetics</i> , 2012 , 51, 319-30	6.2	108
58	Improving vancomycin prescription in critical illness through a drug use evaluation process: a weight-based dosing intervention study. <i>International Journal of Antimicrobial Agents</i> , 2012 , 39, 69-72	14.3	35
57	Population pharmacokinetics and pharmacodynamics of ofloxacin in South African patients with multidrug-resistant tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 3857-63	5.9	31
56	Target concentration intervention in oncology: where are we at?. <i>Therapeutic Drug Monitoring</i> , 2012 , 34, 257-65	3.2	17
55	Population pharmacokinetics of piperacillin at two dose levels: influence of nonlinear pharmacokinetics on the pharmacodynamic profile. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 5715-23	5.9	25
54	Clinical pharmacokinetics of metformin. <i>Clinical Pharmacokinetics</i> , 2011 , 50, 81-98	6.2	690
53	Bayesian Optimisation of Tobramycin Dosing in Paediatric Patients with Cystic Fibrosis. <i>Journal of Pharmacy Practice and Research</i> , 2011 , 41, 183-187	0.7	4
52	Comparing 3 methods of monitoring gentamicin concentrations in patients with febrile neutropenia. <i>Therapeutic Drug Monitoring</i> , 2011 , 33, 592-601	3.2	19
51	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
50	Resveratrol--pills to replace a healthy diet?. <i>British Journal of Clinical Pharmacology</i> , 2011 , 72, 27-38	3.8	81
49	Antibiotic dosing in the 'at risk' critically ill patient: Linking pathophysiology with pharmacokinetics/pharmacodynamics in sepsis and trauma patients. <i>BMC Anesthesiology</i> , 2011 , 11, 3	2.4	33
48	Monte Carlo simulations: maximizing antibiotic pharmacokinetic data to optimize clinical practice for critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 227-31	5.1	104
47	Pharmacokinetic concepts revisited--basic and applied. <i>Current Pharmaceutical Biotechnology</i> , 2011 , 12, 1983-90	2.6	9

46	Population pharmacokinetics of fluconazole in critically ill patients receiving continuous venovenous hemodiafiltration: using Monte Carlo simulations to predict doses for specified pharmacodynamic targets. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5868-73	5.9	38
45	Competitive inhibition of renal tubular secretion of ciprofloxacin and metabolite by probenecid. <i>British Journal of Clinical Pharmacology</i> , 2010 , 69, 167-78	3.8	34
44	Estimation of lean body weight in older community-dwelling men. <i>British Journal of Clinical Pharmacology</i> , 2010 , 69, 118-27	3.8	16
43	Current dosing of low-molecular-weight heparins does not reflect licensed product labels: an international survey. <i>British Journal of Clinical Pharmacology</i> , 2010 , 69, 520-8	3.8	16
42	Using population pharmacokinetics to determine gentamicin dosing during extended daily diafiltration in critically ill patients with acute kidney injury. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3635-40	5.9	53
41	First-dose and steady-state population pharmacokinetics and pharmacodynamics of piperacillin by continuous or intermittent dosing in critically ill patients with sepsis. <i>International Journal of Antimicrobial Agents</i> , 2010 , 35, 156-63	14.3	133
40	Quantitative analysis of lignocaine and metabolites in equine urine and plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2018-22	3.2	4
39	Eight years' experience of an extended-interval dosing protocol for gentamicin in neonates. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 63, 1043-9	5.1	22
38	Competitive inhibition of renal tubular secretion of gemifloxacin by probenecid. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 3902-7	5.9	14
37	Encouraging the move towards predictive population models for the obese using propofol as a motivating example. <i>Pharmaceutical Research</i> , 2009 , 26, 1626-34	4.5	29
36	Informative study designs to identify true parameter-covariate relationships. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2009 , 36, 147-63	2.7	15
35	Determination of para-aminohippuric acid (PAH) in human plasma and urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3215-20	3.2	7
34	Meropenem dosing in critically ill patients with sepsis and without renal dysfunction: intermittent bolus versus continuous administration? Monte Carlo dosing simulations and subcutaneous tissue distribution. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 64, 142-50	5.1	238
33	Lean body mass normalizes the effect of obesity on renal function. <i>British Journal of Clinical Pharmacology</i> , 2008 , 65, 964-5	3.8	53
32	Target concentration intervention is needed for tobramycin dosing in paediatric patients with cystic fibrosis--a population pharmacokinetic study. <i>British Journal of Clinical Pharmacology</i> , 2008 , 65, 502-10	3.8	44
31	Cimetidine does not appear to influence the distribution of metformin into human milk. <i>British Journal of Clinical Pharmacology</i> , 2008 , 66, 564-5	3.8	1
30	Development of a sufficient design for estimation of fluconazole pharmacokinetics in people with HIV infection. <i>British Journal of Clinical Pharmacology</i> , 2008 , 66, 455-66	3.8	11
29	Inhibition of flucloxacillin tubular renal secretion by piperacillin. <i>British Journal of Clinical Pharmacology</i> , 2008 , 66, 648-59	3.8	26

28	Population pharmacokinetics of intravenous, intramuscular, and intranasal naloxone in human volunteers. <i>Therapeutic Drug Monitoring</i> , 2008 , 30, 490-6	3.2	70
27	Beta-lactam allergy in adults with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2007 , 6, 297-303	4.1	55
26	Dosing in obesity: a simple solution to a big problem. <i>Clinical Pharmacology and Therapeutics</i> , 2007 , 82, 505-8	6.1	187
25	Therapeutic value of orally administered silibinin in renal cell carcinoma: manipulation of insulin-like growth factor binding protein-3 levels. <i>BJU International</i> , 2007 , 100, 438-44	5.6	20
24	Protein binding of cefazolin is saturable in vivo both between and within patients. <i>British Journal of Clinical Pharmacology</i> , 2007 , 63, 753-7	3.8	50
23	Population pharmacokinetics and pharmacodynamics of cefpirome in critically ill patients against Gram-negative bacteria. <i>Intensive Care Medicine</i> , 2007 , 33, 781-788	14.5	32
22	Diagnostic accuracy of cystatin C compared to serum creatinine for the estimation of renal dysfunction in adults and children--a meta-analysis. <i>Clinical Biochemistry</i> , 2007 , 40, 383-91	3.5	276
21	Drug-induced QT prolongation and torsades de pointes: evaluation of a QT nomogram. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2007 , 100, 609-15	2.7	144
20	Population pharmacokinetics at two dose levels and pharmacodynamic profiling of flucloxacillin. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 3290-7	5.9	54
19	Pharmacokinetic-pharmacodynamic rationale for cefepime dosing regimens in intensive care units. <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 58, 987-93	5.1	80
18	Analysis of population pharmacokinetic data using NONMEM and WinBUGS. <i>Journal of Biopharmaceutical Statistics</i> , 2005 , 15, 53-73	1.3	47
17	Consumer involvement in Quality Use of Medicines (QUM) projects - lessons from Australia. <i>BMC Health Services Research</i> , 2005 , 5, 75	2.9	4
16	Metformin therapy and diabetes in pregnancy. <i>Medical Journal of Australia</i> , 2004 , 181, 174-175	4	5
15	Stability of benzylpenicillin during continuous home intravenous therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2004 , 53, 675-7	5.1	33
14	Quantitative justification for target concentration intervention--parameter variability and predictive performance using population pharmacokinetic models for aminoglycosides. <i>British Journal of Clinical Pharmacology</i> , 2004 , 58, 8-19	3.8	82
13	A standard weight descriptor for dose adjustment in the obese patient. <i>Clinical Pharmacokinetics</i> , 2004 , 43, 1167-78	6.2	80
12	Free mycophenolic acid should be monitored in renal transplant recipients with hypoalbuminemia. <i>Therapeutic Drug Monitoring</i> , 2004 , 26, 284-6	3.2	96
11	The use of a change in gentamicin clearance as an early predictor of gentamicin-induced nephrotoxicity. <i>Therapeutic Drug Monitoring</i> , 2003 , 25, 623-30	3.2	25

10	Transfer of metformin into human milk. <i>Clinical Pharmacology and Therapeutics</i> , 2003 , 73, 71-7	6.1	52
9	Principles and clinical application of assessing alterations in renal elimination pathways. <i>Clinical Pharmacokinetics</i> , 2003 , 42, 1193-211	6.2	58
8	Rapid and simple high-performance liquid chromatographic assay for the determination of metformin in human plasma and breast milk. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 766, 175-9	3.2	48
7	Free and total cefazolin plasma and interstitial fluid concentrations at steady state during continuous infusion. <i>Journal of Antimicrobial Chemotherapy</i> , 2002 , 50, 429-32	5.1	8
6	Beneficial hemodynamic, endocrine, and renal effects of urocortin in experimental heart failure: comparison with normal sheep. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 1495-505	15.1	101
5	Aminoglycoside dosage regimens after therapeutic drug monitoring. <i>Clinical Pharmacokinetics</i> , 2002 , 41, 791-2	6.2	6
4	The therapeutic monitoring of antimicrobial agents. <i>British Journal of Clinical Pharmacology</i> , 2001 , 52, 35-43	3.8	4
3	The therapeutic monitoring of antimicrobial agents. <i>British Journal of Clinical Pharmacology</i> , 2001 , 52, 35-43	3.8	99
2	Once daily aminoglycoside therapy. Is it less toxic than multiple daily doses and how should it be monitored?. <i>Clinical Pharmacokinetics</i> , 1999 , 36, 89-98	6.2	84
1	Measurement of total phospholipids in urine of patients treated with gentamicin. <i>British Journal of Clinical Pharmacology</i> , 1997 , 43, 435-40	3.8	9