

Jason A Roberts

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.

521
papers

20,601
citations

70
h-index

125
g-index

588
ext. papers

26,281
ext. citations

6.5
avg, IF

7.07
L-index

#	Paper	IF	Citations
521	Pharmacodynamics of ceftriaxone for the treatment of methicillin-susceptible <i>Staphylococcus aureus</i> : Is it a viable treatment option?. <i>International Journal of Antimicrobial Agents</i> , 2022 , 106537	14.3	0
520	Rescuing Tetracycline Class Antibiotics for the Treatment of Multidrug-Resistant <i>Acinetobacter baumannii</i> Pulmonary Infection.. <i>MBio</i> , 2022 , e0351721	7.8	1
519	Innovation in microsampling for therapeutic drug monitoring of gentamicin in neonates: a proof-of-concept study.. <i>International Journal of Antimicrobial Agents</i> , 2022 , 59, 106513	14.3	
518	Effect of therapeutic drug monitoring-based dose optimization of piperacillin/tazobactam on sepsis-related organ dysfunction in patients with sepsis: a randomized controlled trial.. <i>Intensive Care Medicine</i> , 2022 , 48, 311	14.5	17
517	Influence of PEGylated porous silicon nanoparticles on permeation and efflux of an orally administered antibiotic. <i>Materials Today Advances</i> , 2022 , 13, 100210	7.4	0
516	Evaluation of low-volume plasma sampling for the analysis of meropenem in clinical samples.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 1	4.4	0
515	Population pharmacokinetics and toxicodynamics of continuously infused linezolid in critically-ill patients.. <i>International Journal of Antimicrobial Agents</i> , 2022 , 106572	14.3	1
514	Population Pharmacokinetics and Dosing Simulations of Ceftriaxone in Critically Ill Patients Receiving Extracorporeal Membrane Oxygenation (An ASAP ECMO Study).. <i>Clinical Pharmacokinetics</i> , 2022 , 1	6.2	0
513	Use of the Hollow-Fiber Infection Model to Measure the Effect of Combination Therapy of Septic Shock Exposures of Meropenem and Ciprofloxacin against Intermediate and Resistant <i>Pseudomonas aeruginosa</i> Clinical Isolates.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0214021	5.9	
512	Evaluating Mono- and Combination Therapy of Meropenem and Amikacin against <i>Pseudomonas aeruginosa</i> Bacteremia in the Hollow-Fiber Infection Model.. <i>Microbiology Spectrum</i> , 2022 , e0052522	8.9	
511	Population pharmacokinetics of ciprofloxacin in critically ill patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study).. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022 , 101080	3	0
510	Multicenter Population Pharmacokinetic Study of Unbound Ceftriaxone in Critically Ill Patients.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0218921	5.9	1
509	Consensus guidelines for optimising antifungal drug delivery and monitoring to avoid toxicity and improve outcomes in patients with haematological malignancy and haemopoietic stem cell transplant recipients, 2021.. <i>Internal Medicine Journal</i> , 2021 , 51 Suppl 7, 37-66	1.6	11
508	Therapeutic Drug Monitoring of Antibiotics: Defining the Therapeutic Range. <i>Therapeutic Drug Monitoring</i> , 2021 , 44,	3.2	4
507	A validated LC-MS/MS method for the simultaneous quantification of the novel combination antibiotic, ceftolozane-tazobactam, in plasma (total and unbound), CSF, urine and renal replacement therapy effluent: application to pilot pharmacokinetic studies. <i>Clinical Chemistry and Bioanalysis</i> , 2021 , 19, 2021-2032	5.9	2
506	Therapeutic Drug Monitoring of Antibiotic Drugs in Patients Receiving Continuous Renal Replacement Therapy or Intermittent Hemodialysis: A Critical Review. <i>Therapeutic Drug Monitoring</i> , 2021 , 44,	3.2	4
505	Population pharmacokinetics of vancomycin in critically ill adult patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study). <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0137721	5.9	0

504	Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , 2021 , 49, e1063-e1143	1.4	131
503	Executive Summary: Surviving Sepsis Campaign: International Guidelines for the Management of Sepsis and Septic Shock 2021. <i>Critical Care Medicine</i> , 2021 , 49, 1974-1982	1.4	31
502	Population pharmacokinetics of cefepime in critically ill patients receiving extracorporeal membrane oxygenation (an ASAP ECMO study). <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106466	14.3	2
501	Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. <i>Intensive Care Medicine</i> , 2021 , 47, 1181-1247	14.5	199
500	A personalised approach to antibiotic pharmacokinetics and pharmacodynamics in critically ill patients. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2021 , 40, 100970	3	5
499	PLGA encapsulated β-cyclodextrin-meropenem inclusion complex formulation for oral delivery. <i>International Journal of Pharmaceutics</i> , 2021 , 597, 120280	6.5	10
498	Provider perspectives on beta-lactam therapeutic drug monitoring programs in the critically ill: a protocol for a multicenter mixed-methods study. <i>Implementation Science Communications</i> , 2021 , 2, 34	2.2	2
497	Model-Informed Drug Development for Anti-Infectives: State of the Art and Future. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 109, 867-891	6.1	10
496	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
495	An international survey on aminoglycoside practices in critically ill patients: the AMINO III study. <i>Annals of Intensive Care</i> , 2021 , 11, 49	8.9	5
494	Semi-mechanistic PK/PD modelling of meropenem and sulbactam combination against carbapenem-resistant strains of <i>Acinetobacter baumannii</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 1943-1952	5.3	3
493	Antimicrobial dosing in prolonged intermittent renal replacement therapy: a systematic review. <i>Journal of Pharmacy Practice and Research</i> , 2021 , 51, 106-120	0.7	
492	The impact of pharmacist-led antifungal stewardship interventions in the hospital setting: a systematic review. <i>Journal of Pharmacy Practice and Research</i> , 2021 , 51, 90-105	0.7	1
491	Standard of practice in intensive care for pharmacy services. <i>Journal of Pharmacy Practice and Research</i> , 2021 , 51, 165-183	0.7	2
490	Impact of the Epithelial Lining Fluid Milieu on Amikacin Pharmacodynamics Against <i>Pseudomonas aeruginosa</i> . <i>Drugs in R and D</i> , 2021 , 21, 203-215	3.4	1
489	Semi-mechanistic PK/PD modelling of fosfomycin and sulbactam combination against carbapenem-resistant. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 ,	5.9	3
488	Epidemiology of extended-spectrum β-lactamase and metallo-β-lactamase-producing in South Asia. <i>Future Microbiology</i> , 2021 , 16, 521-535	2.9	0
487	Nebulized Colistin in Ventilator-Associated Pneumonia and Tracheobronchitis: Historical Background, Pharmacokinetics and Perspectives. <i>Microorganisms</i> , 2021 , 9,	4.9	4

486	Development and validation of a UHPLC-MS/MS method to measure cefotaxime and metabolite desacetylcefotaxime in blood plasma: a pilot study suitable for capillary microsampling in critically ill children. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 4483-4491	4.4	0
485	Letter to the Editor regarding: Ceftriaxone exposure in patients undergoing extracorporeal membrane oxygenation. <i>International Journal of Antimicrobial Agents</i> , 2021 , 57, 106326	14.3	1
484	Clinical Pharmacokinetic and Pharmacodynamic Considerations in the Drug Treatment of Non-Tuberculous Mycobacteria in Cystic Fibrosis. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 1081-1102	6.2	0
483	Microsampling to support pharmacokinetic clinical studies in pediatrics. <i>Pediatric Research</i> , 2021 ,	3.2	1
482	Microfluidic assembly of pomegranate-like hierarchical microspheres for efflux regulation in oral drug delivery. <i>Acta Biomaterialia</i> , 2021 , 126, 277-290	10.8	9
481	Personalized β -lactam dosing in patients with coronavirus disease 2019 (COVID-19) and pneumonia: A retrospective analysis on pharmacokinetics and pharmacokinetic target attainment. <i>Medicine (United States)</i> , 2021 , 100, e26253	1.8	3
480	Prospective Cohort Study of Micafungin Population Pharmacokinetic Analysis in Plasma and Peritoneal Fluid in Septic Patients with Intra-abdominal Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0230720	5.9	0
479	Standard of practice in infectious diseases for pharmacy services. <i>Journal of Pharmacy Practice and Research</i> , 2021 , 51, 247-264	0.7	0
478	Optimising Treatment Outcomes for Children and Adults Through Rapid Genome Sequencing of Sepsis Pathogens. A Study Protocol for a Prospective, Multi-Centre Trial (DIRECT). <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 667680	5.9	1
477	Infrared Based Saliva Screening Test for COVID-19. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17102-17107	16.4	13
476	Personalized Piperacillin Dosing for the Critically Ill: A Retrospective Analysis of Clinical Experience with Dosing Software and Therapeutic Drug Monitoring to Optimize Antimicrobial Dosing. <i>Antibiotics</i> , 2021 , 10,	4.9	3
475	Infrared Based Saliva Screening Test for COVID-19. <i>Angewandte Chemie</i> , 2021 , 133, 17239-17244	3.6	3
474	A meta-analysis of protein binding of flucloxacillin in healthy volunteers and hospitalized patients. <i>Clinical Microbiology and Infection</i> , 2021 ,	9.5	3
473	Applying Antimicrobial Pharmacokinetic Principles for Complex Patients: Critically Ill Adult Patients Receiving Extracorporeal Membrane Oxygenation and Renal Replacement Therapy. <i>Current Infectious Disease Reports</i> , 2021 , 23, 1	3.9	0
472	PK / PD and the Drug Delivery Regimen for Infusion in the Critical Care Setting 2021 , 355-374		0
471	The Effect of Renal Replacement Therapy and Antibiotic Dose on Antibiotic Concentrations in Critically Ill Patients: Data From the Multinational Sampling Antibiotics in Renal Replacement Therapy Study. <i>Clinical Infectious Diseases</i> , 2021 , 72, 1369-1378	11.6	37
470	Ceftriaxone dosing in patients admitted from the emergency department with sepsis. <i>European Journal of Clinical Pharmacology</i> , 2021 , 77, 207-214	2.8	2
469	Comparative lung distribution of radiolabeled tobramycin between nebulized and intravenous administration in a mechanically-ventilated ovine model, an observational study. <i>International Journal of Antimicrobial Agents</i> , 2021 , 57, 106232	14.3	

468	Oral meropenem for superbugs: challenges and opportunities. <i>Drug Discovery Today</i> , 2021 , 26, 551-560	8.8	6
467	Optimization of Ganciclovir use in allogeneic hematopoietic cell transplant recipients - the role of therapeutic drug monitoring. <i>Expert Review of Anti-Infective Therapy</i> , 2021 , 19, 707-718	5.5	5
466	Pharmacodynamic Analysis of Meropenem and Fosfomycin Combination Against Carbapenem-Resistant in Patients with Normal Renal Clearance: Can It Be a Treatment Option?. <i>Microbial Drug Resistance</i> , 2021 , 27, 546-552	2.9	2
465	Antimicrobial pharmacokinetics and preclinical models to support optimized treatment approaches for uncomplicated lower urinary tract infections. <i>Expert Review of Anti-Infective Therapy</i> , 2021 , 19, 271-295	5.5	2
464	Population Pharmacokinetics of Levetiracetam in Patients with Traumatic Brain Injury and Subarachnoid Hemorrhage Exhibiting Augmented Renal Clearance. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 655-664	6.2	6
463	Liquid CO Formulated Mesoporous Silica Nanoparticles for pH-Responsive Oral Delivery of Meropenem. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 1836-1853	5.5	8
462	A Loading Micafungin Dose in Critically Ill Patients Undergoing Continuous Venovenous Hemofiltration or Continuous Venovenous Hemodiafiltration: A Population Pharmacokinetic Analysis. <i>Therapeutic Drug Monitoring</i> , 2021 , 43, 747-755	3.2	0
461	Emerging therapeutic drug monitoring of anti-infective agents in Australian hospitals: Availability, performance and barriers to implementation. <i>British Journal of Clinical Pharmacology</i> , 2021 ,	3.8	6
460	Population Pharmacokinetics of Piperacillin and Tazobactam in Critically Ill Patients Receiving Extracorporeal Membrane Oxygenation: an ASAP ECMO Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0143821	5.9	1
459	Individualized precision dosing approaches to optimize antimicrobial therapy in pediatric populations. <i>Expert Review of Clinical Pharmacology</i> , 2021 , 14, 1383-1399	3.8	0
458	Population Pharmacokinetics of Vancomycin and Meropenem in Pediatric Extracorporeal Membrane Oxygenation Support. <i>Frontiers in Pharmacology</i> , 2021 , 12, 709332	5.6	0
457	Pharmacokinetics of fluconazole and ganciclovir as combination antimicrobial chemotherapy on ECMO: a case report. <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106431	14.3	0
456	Dose optimisation of antibiotics used for meningitis. <i>Current Opinion in Infectious Diseases</i> , 2021 , 34, 581-590	5.4	2
455	A Systematic Review of the Clinical Pharmacokinetics, Pharmacodynamics and Toxicodynamics of Ganciclovir/Valganciclovir in Allogeneic Haematopoietic Stem Cell Transplant Patients. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 727-739	6.2	0
454	Consensus guidelines for the diagnosis and management of invasive candidiasis in haematology, oncology and intensive care settings, 2021.. <i>Internal Medicine Journal</i> , 2021 , 51 Suppl 7, 89-117	1.6	3
453	Population pharmacokinetics of intra-peritoneal gentamicin and the impact of varying dwell times on pharmacodynamic target attainment in patients with acute peritonitis undergoing peritoneal dialysis.. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0167921	5.9	0
452	Cefepime precision dosing tool: From Standard to Precise Dose Using Nonparametric Population Pharmacokinetics.. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0204621	5.9	0
451	Introduction to the updated Australasian consensus guidelines for the management of invasive fungal disease and use of antifungal agents in the haematology/oncology setting, 2021.. <i>Internal Medicine Journal</i> , 2021 , 51 Suppl 7, 3-17	1.6	3

450	Consensus guidelines for antifungal prophylaxis in haematological malignancy and haemopoietic stem cell transplantation, 2021.. <i>Internal Medicine Journal</i> , 2021 , 51 Suppl 7, 67-88	1.6	6
449	Caspofungin Population Pharmacokinetic Analysis in Plasma and Peritoneal Fluid in Septic Patients with Intra-Abdominal Infections: A Prospective Cohort Study.. <i>Clinical Pharmacokinetics</i> , 2021 , 1	6.2	
448	Prolonged infusion of beta-lactam antibiotics for Gram-negative infections: rationale and evidence base. <i>Current Opinion in Infectious Diseases</i> , 2020 , 33, 501-510	5.4	9
447	Clinically Relevant Epithelial Lining Fluid Concentrations of Meropenem with Ciprofloxacin Provide Synergistic Killing and Resistance Suppression of Hypermutable <i>Pseudomonas aeruginosa</i> in a Dynamic Biofilm Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	4
446	An Integrated Dialysis Pharmacometric (IDP) Model to Evaluate the Pharmacokinetics in Patients Undergoing Renal Replacement Therapy. <i>Pharmaceutical Research</i> , 2020 , 37, 96	4.5	4
445	Oral Fosfomycin Treatment for Enterococcal Urinary Tract Infections in a Dynamic Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	9
444	Antimicrobial therapeutic drug monitoring in critically ill adult patients: a Position Paper. <i>Intensive Care Medicine</i> , 2020 , 46, 1127-1153	14.5	184
443	Pharmacokinetics of Sulfamethoxazole and Trimethoprim During Venovenous Extracorporeal Membrane Oxygenation: A Case Report. <i>Pharmacotherapy</i> , 2020 , 40, 713-717	5.8	1
442	Low levels of salicylic acid and salicyluric acid are present in synovial fluid of patients taking aspirin at the time of knee arthroplasty surgery. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020 , 47, 1635-1637	3	0
441	Comparative Plasma Pharmacokinetics of Ceftriaxone and Ertapenem in Normoalbuminemia, Hypoalbuminemia, and Albumin Replacement in a Sheep Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	2
440	Towards precision medicine: Therapeutic drug monitoring-guided dosing of vancomycin and β -lactam antibiotics to maximize effectiveness and minimize toxicity. <i>American Journal of Health-System Pharmacy</i> , 2020 , 77, 1104-1112	2.2	21
439	Antimicrobial de-escalation in the critically ill patient and assessment of clinical cure: the DIANA study. <i>Intensive Care Medicine</i> , 2020 , 46, 1404-1417	14.5	18
438	How to design a study to evaluate therapeutic drug monitoring in infectious diseases?. <i>Clinical Microbiology and Infection</i> , 2020 , 26, 1008-1016	9.5	16
437	Development of Population and Bayesian Models for Applied Use in Patients Receiving Cefepime. <i>Clinical Pharmacokinetics</i> , 2020 , 59, 1027-1036	6.2	5
436	Conventional Pig as Animal Model for Human Renal Drug Excretion Processes: Unravelling the Porcine Renal Function by Use of a Cocktail of Exogenous Markers. <i>Frontiers in Pharmacology</i> , 2020 , 11, 883	5.6	6
435	Effectiveness of Vancomycin Dosing Guided by Therapeutic Drug Monitoring in Adult Patients Receiving Extracorporeal Membrane Oxygenation. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	4
434	Pharmacodynamic evaluation of intermittent versus extended and continuous infusions of piperacillin/tazobactam in a hollow-fibre infection model against <i>Klebsiella pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2633-2640	5.1	3
433	The risks of medical complacency towards poliomyelitis. <i>Medical Journal of Australia</i> , 2020 , 213, 61-63.e14		0

432	Prophylactic Cefazolin Dosing in Women With Body Mass Index >35 kg/m ² Undergoing Cesarean Delivery: A Pharmacokinetic Study of Plasma and Interstitial Fluid. <i>Anesthesia and Analgesia</i> , 2020 , 131, 199-207	3.9	6
431	Population Pharmacokinetics and Dosing Recommendations of Levetiracetam in Adult and Elderly Patients With Epilepsy. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 2070-2078	3.9	5
430	Finding the relevance of antimicrobial stewardship for cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020 , 19, 511-520	4.1	5
429	Evaluation of target attainment of oral posaconazole suspension in immunocompromised children. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 726-729	5.1	5
428	Pharmacokinetic/pharmacodynamic adequacy of polymyxin B against extensively drug-resistant Gram-negative bacteria in critically ill, general ward and cystic fibrosis patient populations. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105943	14.3	6
427	On-Site Therapeutic Drug Monitoring. <i>Trends in Biotechnology</i> , 2020 , 38, 1262-1277	15.1	55
426	β-lactam pharmacodynamics in Gram-negative bloodstream infections in the critically ill. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 429-433	5.1	25
425	Linguistic and cultural adaptation to the Portuguese language of antimicrobial dose adjustment software. <i>Einstein (Sao Paulo, Brazil)</i> , 2020 , 18, eAO5023	1.2	1
424	Software for dose adjustment of antimicrobials. Implications for plasma concentrations and practical limitations. <i>Einstein (Sao Paulo, Brazil)</i> , 2020 , 18, eCE5858	1.2	
423	Australian National Enterovirus Reference Laboratory annual report, 2015. <i>Communicable Diseases Intelligence (2018)</i> , 2020 , 44,	1.9	2
422	Australian National Enterovirus Reference Laboratory annual report, 2016. <i>Communicable Diseases Intelligence (2018)</i> , 2020 , 44,	1.9	1
421	Australian National Enterovirus Reference Laboratory annual report, 2018. <i>Communicable Diseases Intelligence (2018)</i> , 2020 , 44,	1.9	3
420	Kidney transplant recipient's perceptions of blood testing through microsampling and venepuncture. <i>Bioanalysis</i> , 2020 , 12, 873-881	2.1	4
419	Optimization of flucloxacillin dosing regimens in critically ill patients using population pharmacokinetic modelling of total and unbound concentrations. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2641-2649	5.1	8
418	β-lactam antibiotic versus combined β-lactam antibiotics and single daily dosing regimens of aminoglycosides for treating serious infections: A meta-analysis. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105839	14.3	14
417	Antimicrobial dosing in critical care: A pragmatic adult dosing nomogram. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105837	14.3	13
416	Oral Fosfomycin Efficacy with Variable Urinary Exposures following Single and Multiple Doses against : the Importance of Heteroresistance for Growth Outcome. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	8
415	The pharmacokinetics of meropenem and piperacillin-tazobactam during sustained low efficiency haemodiafiltration (SLED-HDF). <i>European Journal of Clinical Pharmacology</i> , 2020 , 76, 239-247	2.8	3

414	Diagnostic and medical needs for therapeutic drug monitoring of antibiotics. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 791-797	5.3	28
413	Development and validation of LC-MS/MS methods to measure tobramycin and lincomycin in plasma, microdialysis fluid and urine: application to a pilot pharmacokinetic research study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 274-284	5.9	3
412	Antibiotic dosing during extracorporeal membrane oxygenation: does the system matter?. <i>Current Opinion in Anaesthesiology</i> , 2020 , 33, 71-82	2.9	21
411	Antimicrobial de-escalation in critically ill patients: a position statement from a task force of the European Society of Intensive Care Medicine (ESICM) and European Society of Clinical Microbiology and Infectious Diseases (ESCMID) Critically Ill Patients Study Group (ESGCIIP). <i>Intensive Care Medicine</i> , 2020 , 46, 245-265	14.5	45
410	Therapeutic drug monitoring of commonly used anti-infective agents: A nationwide cross-sectional survey of Australian hospital practices. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106180	14.3	8
409	Cerebrospinal Fluid Penetration of Ceftolozane-Tazobactam in Critically Ill Patients with an Indwelling External Ventricular Drain. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 65,	5.9	6
408	A Systematic Review of Studies Reporting Antibiotic Pharmacokinetic Data in the Cerebrospinal Fluid of Critically Ill Patients with Uninflamed Meninges. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 65,	5.9	4
407	β-lactam dosing strategies: Think before you push. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106151	14.3	3
406	The role of antibiotic pharmacokinetic studies performed post-licensing. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106165	14.3	1
405	What Are the Current Approaches to Optimising Antimicrobial Dosing in the Intensive Care Unit?. <i>Pharmaceutics</i> , 2020 , 12,	6.4	16
404	The Australasian COVID-19 Trial (ASCOT) to assess clinical outcomes in hospitalised patients with SARS-CoV-2 infection (COVID-19) treated with lopinavir/ritonavir and/or hydroxychloroquine compared to standard of care: A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020 , 21, 646	2.8	7
403	Pharmacodynamic Evaluation of Plasma and Epithelial Lining Fluid Exposures of Amikacin against <i>Pseudomonas aeruginosa</i> in a Dynamic Hollow-Fiber Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	2
402	Vancomycin Serum Concentration after 48 h of Administration: A 3-Years Survey in an Intensive Care Unit. <i>Antibiotics</i> , 2020 , 9,	4.9	2
401	Prolonged Versus Intermittent Infusion of β-lactam Antibiotics: A Systematic Review and Meta-Regression of Bacterial Killing in Preclinical Infection Models. <i>Clinical Pharmacokinetics</i> , 2020 , 59, 1237-1250	6.2	7
400	Non-polymyxin-based combinations as potential alternatives in treatment against carbapenem-resistant <i>Acinetobacter baumannii</i> infections. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106115	14.3	5
399	What Are the Predictors for Achieving Therapeutic Levetiracetam Serum Concentrations in Adult Neurological Patients?. <i>Therapeutic Drug Monitoring</i> , 2020 , 42, 626-630	3.2	3
398	Pharmacokinetics/Pharmacodynamics of Antiviral Agents Used to Treat SARS-CoV-2 and Their Potential Interaction with Drugs and Other Supportive Measures: A Comprehensive Review by the PK/PD of Anti-Infectives Study Group of the European Society of Antimicrobial Agents. <i>Clinical Pharmacokinetics</i> , 2020 , 59, 1195-1216	6.2	18
397	Ticarcillin and piperacillin adsorption on to polyethersulfone haemodiafilter membranes in an ex-vivo circuit. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106058	14.3	1

396	Ceftolozane-tazobactam in an elastomeric infusion device for ambulatory care: an in vitro stability study. <i>European Journal of Hospital Pharmacy</i> , 2020 , 27, e84-e86	1.6	4
395	Nebulized Tranexamic Acid Therapy for Hemoptysis Associated with Submassive Pulmonary Embolism. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2020 , 33, 12-14	3.8	3
394	Vancomycin Population Pharmacokinetics in Critically Ill Adults During Sustained Low-Efficiency Dialysis. <i>Clinical Pharmacokinetics</i> , 2020 , 59, 327-334	6.2	3
393	Isolation and rapid sharing of the 2019 novel coronavirus (SARS-CoV-2) from the first patient diagnosed with COVID-19 in Australia. <i>Medical Journal of Australia</i> , 2020 , 212, 459-462	4	201
392	Physician drug prescribing preferences and availability for ventilation of patients with COVID-19. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2020 , 22, 271-274	2.8	
391	Pharmacokinetics of Total and Unbound Cefazolin during Veno-Arterial Extracorporeal Membrane Oxygenation: A Case Report. <i>Chemotherapy</i> , 2019 , 64, 115-118	3.2	2
390	Amikacin Initial Dose in Critically Ill Patients: a Nonparametric Approach To Optimize Pharmacokinetic/Pharmacodynamic Target Attainments in Individual Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	11
389	Therapeutic drug monitoring-guided continuous infusion of piperacillin/tazobactam significantly improves pharmacokinetic target attainment in critically ill patients: a retrospective analysis of four years of clinical experience. <i>Infection</i> , 2019 , 47, 1001-1011	5.8	39
388	Saturable elimination of piperacillin in critically ill patients: implications for continuous infusion. <i>International Journal of Antimicrobial Agents</i> , 2019 , 54, 741-749	14.3	8
387	Intravenous fosfomycin for the treatment of multidrug-resistant pathogens: what is the evidence on dosing regimens?. <i>Expert Review of Anti-Infective Therapy</i> , 2019 , 17, 201-210	5.5	12
386	Population pharmacokinetics of total and unbound concentrations of intravenous posaconazole in adult critically ill patients. <i>Critical Care</i> , 2019 , 23, 205	10.8	15
385	Therapeutic drug monitoring-based dose optimisation of piperacillin/tazobactam to improve outcome in patients with sepsis (TARGET): a prospective, multi-centre, randomised controlled trial. <i>Trials</i> , 2019 , 20, 330	2.8	19
384	Vancomycin population pharmacokinetics for adult patients with sepsis or septic shock: are current dosing regimens sufficient?. <i>European Journal of Clinical Pharmacology</i> , 2019 , 75, 1219-1226	2.8	9
383	Antibiotic exposure at the site of infection: principles and assessment of tissue penetration. <i>Expert Review of Clinical Pharmacology</i> , 2019 , 12, 623-634	3.8	17
382	Effect of plasmapheresis on ATG (Thymoglobulin) clearance prior to adoptive T cell transfer. <i>Bone Marrow Transplantation</i> , 2019 , 54, 2110-2116	4.4	6
381	Obesity in the critically ill: a narrative review. <i>Intensive Care Medicine</i> , 2019 , 45, 757-769	14.5	126
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