

Jeffrey Lipman

List of Publications by Year in descending order

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Version: 2024-02-01

585
papers

33,266
citations

4120

87
h-index

6282

158
g-index

605
all docs

605
docs citations

605
times ranked

19736
citing authors

#	ARTICLE	IF	CITATIONS
1	International Study of the Prevalence and Outcomes of Infection in Intensive Care Units. JAMA - Journal of the American Medical Association, 2009, 302, 2323.	3.8	2,682
2	Hydroxyethyl Starch or Saline for Fluid Resuscitation in Intensive Care. New England Journal of Medicine, 2012, 367, 1901-1911.	13.9	1,460
3	Assessment of the worldwide burden of critical illness: the Intensive Care Over Nations (ICON) audit. Lancet Respiratory Medicine, the, 2014, 2, 380-386.	5.2	864
4	DALI: Defining Antibiotic Levels in Intensive Care Unit Patients: Are Current β -Lactam Antibiotic Doses Sufficient for Critically Ill Patients?. Clinical Infectious Diseases, 2014, 58, 1072-1083.	2.9	843
5	Pharmacokinetic issues for antibiotics in the critically ill patient. Critical Care Medicine, 2009, 37, 840-851.	0.4	755
6	Individualised antibiotic dosing for patients who are critically ill: challenges and potential solutions. Lancet Infectious Diseases, The, 2014, 14, 498-509.	4.6	745
7	Adult-population incidence of severe sepsis in Australian and New Zealand intensive care units. Intensive Care Medicine, 2004, 30, 589-596.	3.9	392
8	Subtherapeutic Initial β -Lactam Concentrations in Select Critically Ill Patients. Chest, 2012, 142, 30-39.	0.4	354
9	The effect of pathophysiology on pharmacokinetics in the critically ill patient – Concepts appraised by the example of antimicrobial agents. Advanced Drug Delivery Reviews, 2014, 77, 3-11.	6.6	351
10	Principles of antibacterial dosing in continuous renal replacement therapy. Critical Care Medicine, 2009, 37, 2268-2282.	0.4	335
11	The Effects of Hypoalbuminaemia on Optimizing Antibacterial Dosing in Critically Ill Patients. Clinical Pharmacokinetics, 2011, 50, 99-110.	1.6	325
12	Characteristics and determinants of outcome of hospital-acquired bloodstream infections in intensive care units: the EUROBACT International Cohort Study. Intensive Care Medicine, 2012, 38, 1930-1945.	3.9	322
13	Continuous Infusion of Beta-Lactam Antibiotics in Severe Sepsis: A Multicenter Double-Blind, Randomized Controlled Trial. Clinical Infectious Diseases, 2013, 56, 236-244.	2.9	317
14	Augmented Renal Clearance. Clinical Pharmacokinetics, 2010, 49, 1-16.	1.6	313
15	Continuous versus Intermittent β -Lactam Infusion in Severe Sepsis. A Meta-analysis of Individual Patient Data from Randomized Trials. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 681-691.	2.5	308
16	Therapeutic drug monitoring of β -lactams in critically ill patients: proof of concept. International Journal of Antimicrobial Agents, 2010, 36, 332-339.	1.1	305
17	Antibiotic resistance – What’s dosing got to do with it?. Critical Care Medicine, 2008, 36, 2433-2440.	0.4	299
18	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. Journal of Antimicrobial Chemotherapy, 2009, 64, 142-150.	1.3	294

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19	A comparison of epinephrine and norepinephrine in critically ill patients. <i>Intensive Care Medicine</i> , 2008, 34, 2226-2234.	3.9	289
20	Sepsis in Intensive Care Unit Patients: Worldwide Data From the Intensive Care over Nations Audit. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy313.	0.4	255
21	Antibacterial Dosing in Intensive Care. <i>Clinical Pharmacokinetics</i> , 2006, 45, 755-773.	1.6	247
22	A systematic review on clinical benefits of continuous administration of $\hat{\text{I}}^2$ -lactam antibiotics*. <i>Critical Care Medicine</i> , 2009, 37, 2071-2078.	0.4	244
23	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.	3.9	244
24	Systemic Inflammatory Response Syndrome, Quick Sequential Organ Function Assessment, and Organ Dysfunction. <i>Chest</i> , 2017, 151, 586-596.	0.4	241
25	Augmented Renal Clearance in the ICU. <i>Critical Care Medicine</i> , 2014, 42, 520-527.	0.4	232
26	The Clinical Relevance of Plasma Protein Binding Changes. <i>Clinical Pharmacokinetics</i> , 2013, 52, 1-8.	1.6	225
27	A Multicenter Randomized Trial of Continuous versus Intermittent $\hat{\text{I}}^2$ -Lactam Infusion in Severe Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1298-1305.	2.5	206
28	Vancomycin Dosing in Critically Ill Patients: Robust Methods for Improved Continuous-Infusion Regimens. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2704-2709.	1.4	197
29	Clinical implications of antibiotic pharmacokinetic principles in the critically ill. <i>Intensive Care Medicine</i> , 2013, 39, 2070-2082.	3.9	192
30	Management of meningitis due to antibiotic-resistant <i>Acinetobacter</i> species. <i>Lancet Infectious Diseases</i> , 2009, 9, 245-255.	4.6	185
31	Variability of antibiotic concentrations in critically ill patients receiving continuous renal replacement therapy. <i>Critical Care Medicine</i> , 2012, 40, 1523-1528.	0.4	185
32	Protein Binding of $\hat{\text{I}}^2$ -Lactam Antibiotics in Critically Ill Patients: Can We Successfully Predict Unbound Concentrations?. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 6165-6170.	1.4	185
33	An international, multicentre survey of $\hat{\text{A}}$ -lactam antibiotic therapeutic drug monitoring practice in intensive care units. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1416-1423.	1.3	185
34	A comparison of estimates of glomerular filtration in critically ill patients with augmented renal clearance. <i>Critical Care</i> , 2011, 15, R139.	2.5	174
35	Analysis of 12 beta-lactam antibiotics in human plasma by HPLC with ultraviolet detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2039-2043.	1.2	172
36	The pharmacokinetics of once-daily dosing of ceftriaxone in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2001, 47, 421-429.	1.3	171

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37	The Impact of Hospital and ICU Organizational Factors on Outcome in Critically Ill Patients. <i>Critical Care Medicine</i> , 2015, 43, 519-526.	0.4	170
38	Implications of augmented renal clearance in critically ill patients. <i>Nature Reviews Nephrology</i> , 2011, 7, 539-543.	4.1	169
39	A Systematic Review of the Definitions, Determinants, and Clinical Outcomes of Antimicrobial De-escalation in the Intensive Care Unit. <i>Clinical Infectious Diseases</i> , 2016, 62, 1009-1017.	2.9	168
40	Piperacillin penetration into tissue of critically ill patients with sepsis—Bolus versus continuous administration?. <i>Critical Care Medicine</i> , 2009, 37, 926-933.	0.4	166
41	Meropenem and piperacillin/tazobactam prescribing in critically ill patients: does augmented renal clearance affect pharmacokinetic/pharmacodynamic target attainment when extended infusions are used?. <i>Critical Care</i> , 2013, 17, R84.	2.5	166
42	A Molecular Host Response Assay to Discriminate Between Sepsis and Infection-Negative Systemic Inflammation in Critically Ill Patients: Discovery and Validation in Independent Cohorts. <i>PLoS Medicine</i> , 2015, 12, e1001916.	3.9	163
43	Continuous infusion of β -lactam antibiotics in severe infections: a review of its role. <i>International Journal of Antimicrobial Agents</i> , 2007, 30, 11-18.	1.1	161
44	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, 156-163.	1.1	154
45	Sepsis: frontiers in diagnosis, resuscitation and antibiotic therapy. <i>Intensive Care Medicine</i> , 2016, 42, 1958-1969.	3.9	151
46	Hydrocortisone and Tumor Necrosis Factor in Severe Community-Acquired Pneumonia. <i>Chest</i> , 1993, 104, 389-392.	0.4	150
47	Does Beta-lactam Pharmacokinetic Variability in Critically Ill Patients Justify Therapeutic Drug Monitoring? A Systematic Review. <i>Annals of Intensive Care</i> , 2012, 2, 35.	2.2	149
48	Augmented renal clearance in septic and traumatized patients with normal plasma creatinine concentrations: identifying at-risk patients. <i>Critical Care</i> , 2013, 17, R35.	2.5	149
49	Risk factors for target non-attainment during empirical treatment with β -lactam antibiotics in critically ill patients. <i>Intensive Care Medicine</i> , 2014, 40, 1340-1351.	3.9	147
50	Increased mortality associated with methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) infection in the Intensive Care Unit: results from the EPIC II study. <i>International Journal of Antimicrobial Agents</i> , 2011, 38, 331-335.	1.1	145
51	Development and validation of a novel molecular biomarker diagnostic test for the early detection of sepsis. <i>Critical Care</i> , 2011, 15, R149.	2.5	141
52	Toward Improved Surveillance: The Impact of Ventilator-Associated Complications on Length of Stay and Antibiotic Use in Patients in Intensive Care Units. <i>Clinical Infectious Diseases</i> , 2013, 56, 471-477.	2.9	141
53	Applying Pharmacokinetic/Pharmacodynamic Principles in Critically Ill Patients: Optimizing Efficacy and Reducing Resistance Development. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2015, 36, 136-153.	0.8	134
54	A prospective randomized study comparing once- versus twice-daily amikadn dosing in critically ill adult and paediatric patients. <i>Journal of Antimicrobial Chemotherapy</i> , 1991, 28, 753-764.	1.3	132

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55	Is prolonged infusion of piperacillin/tazobactam and meropenem in critically ill patients associated with improved pharmacokinetic/pharmacodynamic and patient outcomes? An observation from the Defining Antibiotic Levels in Intensive care unit patients (DALI) cohort. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 196-207.	1.3	129
56	On-Site Therapeutic Drug Monitoring. <i>Trends in Biotechnology</i> , 2020, 38, 1262-1277.	4.9	128
57	Therapeutic drug monitoring of β -lactam antibiotics in the critically ill: direct measurement of unbound drug concentrations to achieve appropriate drug exposures. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3087-3094.	1.3	124
58	Pharmacokinetics of Colistin Methanesulfonate and Colistin in a Critically Ill Patient Receiving Continuous Venovenous Hemodiafiltration. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4814-4815.	1.4	122
59	Monte Carlo simulations: maximizing antibiotic pharmacokinetic data to optimize clinical practice for critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 227-231.	1.3	119
60	Antimicrobial Pharmacokinetic and Pharmacodynamic Issues in the Critically Ill with Severe Sepsis and Septic Shock. <i>Critical Care Clinics</i> , 2011, 27, 19-34.	1.0	118
61	A meta-analysis of ventriculostomy-associated cerebrospinal fluid infections. <i>BMC Infectious Diseases</i> , 2015, 15, 3.	1.3	118
62	Therapeutic drug monitoring of the β -lactam antibiotics: what is the evidence and which patients should we be using it for?: Figure 1. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, dkv201.	1.3	118
63	A Multicenter Trial of Vena Cava Filters in Severely Injured Patients. <i>New England Journal of Medicine</i> , 2019, 381, 328-337.	13.9	117
64	Low Plasma Cefepime Levels in Critically Ill Septic Patients: Pharmacokinetic Modeling Indicates Improved Troughs with Revised Dosing. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 2559-2561.	1.4	115
65	Is continuous infusion ceftriaxone better than once-a-day dosing in intensive care? A randomized controlled pilot study. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 59, 285-291.	1.3	111
66	Are standard doses of piperacillin sufficient for critically ill patients with augmented creatinine clearance?. <i>Critical Care</i> , 2015, 19, 28.	2.5	111
67	Pharmacological Principles of Antibiotic Prescription in the Critically Ill. <i>Anaesthesia and Intensive Care</i> , 2002, 30, 134-144.	0.2	109
68	A multicenter study on the effect of continuous hemodiafiltration intensity on antibiotic pharmacokinetics. <i>Critical Care</i> , 2015, 19, 84.	2.5	108
69	Pharmacokinetic variability and exposures of fluconazole, anidulafungin, and caspofungin in intensive care unit patients: Data from multinational Defining Antibiotic Levels in Intensive care unit (DALI) patients Study. <i>Critical Care</i> , 2015, 19, 33.	2.5	108
70	A method for determining the free (unbound) concentration of ten beta-lactam antibiotics in human plasma using high performance liquid chromatography with ultraviolet detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 907, 178-184.	1.2	107
71	The ADMIN-ICU survey: a survey on antimicrobial dosing and monitoring in ICUs. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2671-2677.	1.3	106
72	What Antibiotic Exposures Are Required to Suppress the Emergence of Resistance for Gram-Negative Bacteria? A Systematic Review. <i>Clinical Pharmacokinetics</i> , 2019, 58, 1407-1443.	1.6	106

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73	Augmented Creatinine Clearance in Traumatic Brain Injury. <i>Anesthesia and Analgesia</i> , 2010, 111, 1505-1510.	1.1	105
74	Vancomycin pharmacokinetics in critically ill patients receiving continuous venovenous haemodiafiltration. <i>British Journal of Clinical Pharmacology</i> , 2004, 58, 259-268.	1.1	104
75	The Impact of Variation in Renal Replacement Therapy Settings on Piperacillin, Meropenem, and Vancomycin Drug Clearance in the Critically Ill. <i>Critical Care Medicine</i> , 2014, 42, 1640-1650.	0.4	103
76	The intensive care medicine research agenda on multidrug-resistant bacteria, antibiotics, and stewardship. <i>Intensive Care Medicine</i> , 2017, 43, 1187-1197.	3.9	103
77	Epidemiology of intra-abdominal infection and sepsis in critically ill patients: a multinational observational cohort study and ESICM Trials Group Project. <i>Intensive Care Medicine</i> , 2019, 45, 1703-1717.	3.9	103
78	Flucloxacillin dosing in critically ill patients with hypoalbuminaemia: special emphasis on unbound pharmacokinetics. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1771-1778.	1.3	102
79	Continuous infusion ceftazidime in intensive care: a randomized controlled trial. <i>Journal of Antimicrobial Chemotherapy</i> , 1999, 43, 309-311.	1.3	101
80	Antimicrobial resistance and antibiotic stewardship programs in the ICU: insistence and persistence in the fight against resistance. A position statement from ESICM/ESCMID/WAAAR round table on multi-drug resistance. <i>Intensive Care Medicine</i> , 2018, 44, 189-196.	3.9	101
81	Therapeutic drug monitoring of anti-infective agents in critically ill patients. <i>Expert Review of Clinical Pharmacology</i> , 2016, 9, 961-979.	1.3	98
82	Pharmacokinetic-pharmacodynamic rationale for cefepime dosing regimens in intensive care units. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 987-993.	1.3	96
83	Increased fluid resuscitation can lead to adverse outcomes in major-burn injured patients, but low mortality is achievable. <i>Burns</i> , 2008, 34, 1090-1097.	1.1	96
84	Assays for therapeutic drug monitoring of β -lactam antibiotics: A structured review. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 367-375.	1.1	95
85	Vancomycin-Associated Nephrotoxicity in the Critically Ill. <i>Critical Care Medicine</i> , 2014, 42, 2527-2536.	0.4	94
86	Effect of obesity on the pharmacokinetics of antimicrobials in critically ill patients: A structured review. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 259-268.	1.1	94
87	Better outcomes through continuous infusion of time-dependent antibiotics to critically ill patients?. <i>Current Opinion in Critical Care</i> , 2008, 14, 390-396.	1.6	90
88	Abdominal infections in the intensive care unit: characteristics, treatment and determinants of outcome. <i>BMC Infectious Diseases</i> , 2014, 14, 420.	1.3	88
89	Pharmacokinetic Profiles of High-Dose Intravenous Ciprofloxacin in Severe Sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 2235-2239.	1.4	87
90	Antibiotic use and impact on outcome from bacteraemic critical illness: the BActeraemia Study in Intensive Care (BASIC). <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1276-1285.	1.3	87

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91	The combined effects of extracorporeal membrane oxygenation and renal replacement therapy on meropenem pharmacokinetics: a matched cohort study. <i>Critical Care</i> , 2014, 18, 565.	2.5	87
92	Does contemporary vancomycin dosing achieve therapeutic targets in a heterogeneous clinical cohort of critically ill patients? Data from the multinational DALI study. <i>Critical Care</i> , 2014, 18, R99.	2.5	87
93	Intermittent bolus dosing of ceftazidime in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 1997, 40, 269-273.	1.3	86
94	Improving antibiotic dosing in special situations in the ICU. <i>Current Opinion in Critical Care</i> , 2012, 18, 460-471.	1.6	86
95	Antimicrobial-associated harm in critical care: a narrative review. <i>Intensive Care Medicine</i> , 2020, 46, 225-235.	3.9	86
96	Continuous beta-lactam infusion in critically ill patients: the clinical evidence. <i>Annals of Intensive Care</i> , 2012, 2, 37.	2.2	85
97	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.	2.9	85
98	What's behind the failure of emerging antibiotics in the critically ill? Understanding the impact of altered pharmacokinetics and augmented renal clearance. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 455-457.	1.1	84
99	How do we use therapeutic drug monitoring to improve outcomes from severe infections in critically ill patients?. <i>BMC Infectious Diseases</i> , 2014, 14, 288.	1.3	83
100	Cefepime Versus Cefpirome: The Importance of Creatinine Clearance. <i>Anesthesia and Analgesia</i> , 2003, 97, 1149-1154.	1.1	81
101	Augmented renal clearance in the Intensive Care Unit: an illustrative case series. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 606-608.	1.1	81
102	Optimal Doripenem Dosing Simulations in Critically Ill Nosocomial Pneumonia Patients With Obesity, Augmented Renal Clearance, and Decreased Bacterial Susceptibility*. <i>Critical Care Medicine</i> , 2013, 41, 489-495.	0.4	81
103	The pharmacokinetics of amikacin in critically ill adult and paediatric patients: comparison of once-versus twice-daily dosing regimens. <i>Journal of Antimicrobial Chemotherapy</i> , 1991, 27, 81-89.	1.3	80
104	A systematic review of antibiotic dosing regimens for septic patients receiving continuous renal replacement therapy: do current studies supply sufficient data?. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 929-937.	1.3	80
105	Antibiotic Dosing in Multiple Organ Dysfunction Syndrome. <i>Chest</i> , 2011, 139, 1210-1220.	0.4	80
106	Identification of Novel Vaccine Candidates against Multidrug-Resistant <i>Acinetobacter baumannii</i> . <i>PLoS ONE</i> , 2013, 8, e77631.	1.1	80
107	Association between augmented renal clearance and clinical outcomes in patients receiving β -lactam antibiotic therapy by continuous or intermittent infusion: a nested cohort study of the BLING-II randomised, placebo-controlled, clinical trial. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 624-630.	1.1	80
108	Patient and family engagement in the ICU: Report from the task force of the World Federation of Societies of Intensive and Critical Care Medicine. <i>Journal of Critical Care</i> , 2018, 48, 251-256.	1.0	76

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109	Pharmacokinetic/pharmacodynamic considerations for the optimization of antimicrobial delivery in the critically ill. <i>Current Opinion in Critical Care</i> , 2015, 21, 412-420.	1.6	75
110	β-lactam pharmacokinetics and pharmacodynamics in critically ill patients and strategies for dose optimization: A structured review. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 489-496.	0.9	74
111	A randomised controlled study of the efficacy of hypromellose and Lacri-Lube combination versus polyethylene/Cling wrap to prevent corneal epithelial breakdown in the semiconscious intensive care patient. <i>Intensive Care Medicine</i> , 2004, 30, 1122-1126.	3.9	73
112	Autonomic dysfunction in severe tetanus. <i>Critical Care Medicine</i> , 1987, 15, 987-988.	0.4	71
113	Low cefpirome levels during twice daily dosing in critically ill septic patients: pharmacokinetic modelling calls for more frequent dosing. <i>Intensive Care Medicine</i> , 2001, 27, 363-370.	3.9	69
114	Pitfalls of using estimations of glomerular filtration rate in an intensive care population. <i>Internal Medicine Journal</i> , 2011, 41, 537-543.	0.5	69
115	Pulmonary infections complicating ARDS. <i>Intensive Care Medicine</i> , 2020, 46, 2168-2183.	3.9	69
116	Therapeutic drug monitoring of β-lactams for critically ill patients: unwarranted or essential?. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 419-420.	1.1	68
117	Plasma and Tissue Pharmacokinetics of Cefazolin in Patients Undergoing Elective and Semielective Abdominal Aortic Aneurysm Open Repair Surgery. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5238-5242.	1.4	68
118	Molecular Analysis of the <i>Acinetobacter baumannii</i> Biofilm-Associated Protein. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6535-6543.	1.4	68
119	How can we ensure effective antibiotic dosing in critically ill patients receiving different types of renal replacement therapy?. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015, 82, 92-103.	0.8	68
120	Infections by multidrug-resistant Gram-negative Bacteria: What's new in our arsenal and what's in the pipeline?. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 211-224.	1.1	68
121	Meropenem Dosing in Critically Ill Patients with Sepsis Receiving High-Volume Continuous Venovenous Hemofiltration. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 2974-2978.	1.4	67
122	Does severe non-infectious SIRS differ from severe sepsis?. <i>Intensive Care Medicine</i> , 2008, 34, 1654-1661.	3.9	66
123	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, 3635-3640.	1.4	65
124	Pharmacokinetic evaluation of piperacillin-tazobactam. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2010, 6, 1017-1031.	1.5	65
125	Therapeutic Drug Monitoring of Beta-Lactam Antibiotics in Burns Patients—A One-Year Prospective Study. <i>Therapeutic Drug Monitoring</i> , 2012, 34, 160-164.	1.0	65
126	β-Lactam therapeutic drug monitoring in the critically ill: optimising drug exposure in patients with fluctuating renal function and hypoalbuminaemia. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 162-166.	1.1	65

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127	Changes in Vancomycin Pharmacokinetics in Critically Ill Infants. <i>Anaesthesia and Intensive Care</i> , 1995, 23, 678-682.	0.2	64
128	Principles of Antibacterial Dosing in Continuous Renal Replacement Therapy. <i>Blood Purification</i> , 2010, 30, 195-212.	0.9	64
129	Determining the mechanisms underlying augmented renal drug clearance in the critically ill: use of exogenous marker compounds. <i>Critical Care</i> , 2014, 18, 657.	2.5	64
130	Understanding PK/PD. <i>Intensive Care Medicine</i> , 2016, 42, 1797-1800.	3.9	64
131	What is the relevance of fosfomycin pharmacokinetics in the treatment of serious infections in critically ill patients? A systematic review. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 289-293.	1.1	63
132	Novel Antibiotics for Multidrug-Resistant Gram-Positive Microorganisms. <i>Microorganisms</i> , 2019, 7, 270.	1.6	63
133	How to optimise antimicrobial prescriptions in the Intensive Care Unit: principles of individualised dosing using pharmacokinetics and pharmacodynamics. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 187-192.	1.1	62
134	CAMERA2 – combination antibiotic therapy for methicillin-resistant <i>Staphylococcus aureus</i> infection: study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 170.	0.7	61
135	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, 1495-1502.	1.3	60
136	Population Pharmacokinetics of Fosfomycin in Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6471-6476.	1.4	59
137	Low mannose-binding lectin function is associated with sepsis in adult patients. <i>FEMS Immunology and Medical Microbiology</i> , 2006, 48, 274-282.	2.7	58
138	Proposed primary endpoints for use in clinical trials that compare treatment options for bloodstream infection in adults: a consensus definition. <i>Clinical Microbiology and Infection</i> , 2017, 23, 533-541.	2.8	58
139	Initial antimicrobial management of sepsis. <i>Critical Care</i> , 2021, 25, 307.	2.5	58
140	Burn Resuscitation – Hourly Urine Output Versus Alternative Endpoints. <i>Shock</i> , 2014, 42, 295-306.	1.0	57
141	Meropenem versus piperacillin-tazobactam for definitive treatment of bloodstream infections due to ceftriaxone non-susceptible <i>Escherichia coli</i> and <i>Klebsiella</i> spp (the MERINO trial): study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 24.	0.7	57
142	Vancomycin-associated nephrotoxicity: A meta-analysis of administration by continuous versus intermittent infusion. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 249-253.	1.1	56
143	Serum Procalcitonin and C-reactive Protein as Markers of Sepsis and Outcome in Patients with Neurotrauma and Subarachnoid Haemorrhage. <i>Anaesthesia and Intensive Care</i> , 2004, 32, 465-470.	0.2	55
144	Temporal trends, risk factors and outcomes in albicans and non-albicans candidaemia: an international epidemiological study in four multidisciplinary intensive care units. <i>International Journal of Antimicrobial Agents</i> , 2009, 33, 554.e1-554.e7.	1.1	55

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145	Right Dose, Right Now: Customized Drug Dosing in the Critically Ill. <i>Critical Care Medicine</i> , 2017, 45, 331-336.	0.4	55
146	Population Pharmacokinetics of Piperacillin in Nonobese, Obese, and Morbidly Obese Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	54
147	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.	3.9	54
148	Vasoconstrictor Effects of Adrenaline in Human Septic Shock. <i>Anaesthesia and Intensive Care</i> , 1991, 19, 61-65.	0.2	53
149	Characteristics of bloodstream infections in burn patients: An 11-year retrospective study. <i>Burns</i> , 2012, 38, 685-690.	1.1	53
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442	In-vitro adsorption and sieving coefficient of ticarcillin-clavulanate during continuous haemofiltration. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 261-264.	1.1	7
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465	Population pharmacokinetics of intravenous paracetamol in critically ill patients with traumatic brain injury. <i>Journal of Critical Care</i> , 2018, 47, 15-20.	1.0	5
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470	Ventriculitis: Infection or Inflammation. Antibiotics, 2021, 10, 1246.	1.5	5
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472	Accidental Intra-Arterial Adrenaline Administration. Anaesthesia and Intensive Care, 1995, 23, 488-489.	0.2	4
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474	Preventive Strategies for Ventilator Associated Pneumonia. Current Respiratory Medicine Reviews, 2010, 6, 238-252.	0.1	4
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481	Pharmacokinetics of Total and Unbound Cefazolin during Veno-Arterial Extracorporeal Membrane Oxygenation: A Case Report. Chemotherapy, 2019, 64, 115-118.	0.8	4
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495	Midazolam Metabolism: Implications for Individualised Dosing?. <i>Journal of Pharmacy Practice and Research</i> , 2009, 39, 198-201.	0.5	3
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499	Ceftriaxone dosing in patients admitted from the emergency department with sepsis. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 207-214.	0.8	3
500	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.	1.0	3
501	Influence of the Obesity Phenotype on the Adequacy of Antibiotic Prophylaxis with Cefoxitin for Obese Patients Undergoing Bariatric Surgery: Lessons Learnt and Future Considerations. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2021, 46, 479-485.	0.6	3
502	Development and validation of a critical care patient classification system. <i>American Journal of Critical Care</i> , 1996, 5, 282-288.	0.8	3
503	Augmented Renal Clearance: Unraveling the Mystery of Elevated Antibiotic Clearance. , 2010, , 495-506.		3
504	Epidemiology and Microbiology of Severe Community-acquired Pneumonia in Central Australia: A Retrospective Study. <i>Internal Medicine Journal</i> , 2020, , .	0.5	3

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506	Is Dosing of Ethambutol as Part of a Fixed-Dose Combination Product Optimal for Mechanically Ventilated ICU Patients with Tuberculosis? A Population Pharmacokinetic Study. <i>Antibiotics</i> , 2021, 10, 1559.	1.5	3
507	Caspofungin Population Pharmacokinetic Analysis in Plasma and Peritoneal Fluid in Septic Patients with Intra-Abdominal Infections: A Prospective Cohort Study. <i>Clinical Pharmacokinetics</i> , 2022, 61, 673-686.	1.6	3
508	Malignant astrocytoma of the cervico-medullary junction masquerading as Guillain-Barre syndrome.. <i>Postgraduate Medical Journal</i> , 1994, 70, 499-502.	0.9	2
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510	A Protocol for the Pharmacokinetics of Enteric Coated Mycophenolate Sodium in Lupus Nephritis (POEMSLUN): an open-label, randomised controlled trial. <i>BMJ Open</i> , 2013, 3, e003511.	0.8	2
511	Reply to Rhodes et al. <i>Clinical Infectious Diseases</i> , 2014, 59, 907-908.	2.9	2
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514	Are new gentamicin dosing guidelines suitable for achieving target concentrations in patients with sepsis and septic shock?. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2016, 35, 311-312.	0.6	2
515	The Statistical Curriculum Within Randomized Controlled Trials in Critical Illness*. <i>Critical Care Medicine</i> , 2018, 46, 1985-1990.	0.4	2
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517	Antimicrobial Resistance: We Must Pursue a Collaborative, Global Approach and Use a "One Health" Approach. <i>Antibiotics</i> , 2019, 8, 237.	1.5	2
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521	Lorazepam challenge test for catatonia. <i>EMA - Emergency Medicine Australasia</i> , 2021, 33, 763-764.	0.5	2
522	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.	1.9	2

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524	Dose Adjustment and Pharmacodynamic Considerations for Antibiotics in Severe Sepsis and Septic Shock. , 2008, , 97-136.		2
525	A detailed feeding algorithm improves delivery of nutrition support in an intensive care unit. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2010, 12, 149-55.	0.0	2
526	A Narrative Review on the Approach to Antimicrobial Use in Ventilated Patients with Multidrug Resistant Organisms in Respiratory Samples—To Treat or Not to Treat? That Is the Question. <i>Antibiotics</i> , 2022, 11, 452.	1.5	2
527	Good Clinical Research Practice: What is it and is it Possible in the Intensive Care Unit?. <i>Anaesthesia and Intensive Care</i> , 1998, 26, 568-574.	0.2	1
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529	Continuous Infusion of Time-dependent Antibiotics. <i>Clinical Pulmonary Medicine</i> , 2008, 15, 167-172.	0.3	1
530	Optimizing Antibiotic Use in the Intensive Care Unit. <i>Clinical Pulmonary Medicine</i> , 2010, 17, 162-169.	0.3	1
531	Antibiotic use and impact on outcome from bacteraemic critical illness: the BActeraemia Study in Intensive Care (BASIC). <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2061-2061.	1.3	1
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534	Sepsis Management. , 2012, , .		1
535	From the intensive care bed: we need to hear and listen. <i>Intensive Care Medicine</i> , 2015, 41, 921-922.	3.9	1
536	The authors reply. <i>Critical Care Medicine</i> , 2015, 43, e154-e155.	0.4	1
537	Bugs, genes, and the intensive care unit. <i>Journal of Thoracic Disease</i> , 2016, 8, E788-E790.	0.6	1
538	A validated UHPLC-MS/MS method for the measurement of riluzole in plasma and myocardial tissue samples. <i>Biomedical Chromatography</i> , 2017, 31, e4030.	0.8	1
539	Interpretation of Care Guidelines for Obese Women in Labor: Intergroup Language and Social Identity. <i>Journal of Language and Social Psychology</i> , 2017, 36, 388-414.	1.2	1
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542	Pharmacokinetics of Sulfamethoxazole and Trimethoprim During Venovenous Extracorporeal Membrane Oxygenation: A Case Report. <i>Pharmacotherapy</i> , 2020, 40, 713-717.	1.2	1
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545	Prehospital Care. , 2008, , 307-319.		1
546	Candida Pneumonia in Patients with Hematological Neoplasia. , 2011, , 349-356.		1
547	Antibiotic dosing in sustained low-efficiency daily dialysis (SLEDD): Basic concepts and dosing strategies. <i>Journal of Critical Care</i> , 2022, 67, 104-107.	1.0	1
548	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.	1.1	1
549	Towards better ICU antibiotic dosing. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2000, 2, 282-9.	0.0	1
550	Use of neostigmine for acute colonic pseudo-obstruction in a patient receiving dexmedetomidine. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2016, 18, 59-61.	0.0	1
551	Survey of critical care practice in Australian and New Zealand burn referral centres. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2019, 21, 303-304.	0.0	1
552	Population Pharmacokinetic Model of Piperacillin in Critically Ill Patients and Describing Interethnic Variation Using External Validation. <i>Antibiotics</i> , 2022, 11, 434.	1.5	1
553	Optimal dosing of cefotaxime and desacetylcefotaxime for critically ill paediatric patients. Can we use microsampling?. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 2227-2237.	1.3	1
554	Failed Nasogastric Intubation in Undiagnosed Carcinoma of the Oesophagus. <i>Anaesthesia and Intensive Care</i> , 1995, 23, 370-372.	0.2	0
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556	Keeping relatives informed by the internet. <i>Lancet, The</i> , 1999, 354, 517-518.	6.3	0
557	Antibiotic Resistance in the Intensive Care Unit: A Primer in Bacteriology. <i>Anaesthesia and Intensive Care</i> , 2005, 33, 188-195.	0.2	0
558	Entrapped central venous catheter. <i>British Journal of Anaesthesia</i> , 2007, 98, 695.	1.5	0

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560	Optimal Antibiotic Therapy in the Management of the Lung of the Critically Ill. <i>Current Respiratory Medicine Reviews</i> , 2010, 6, 253-263.	0.1	0
561	Respiratory Burns: A Clinical Review. <i>Current Respiratory Medicine Reviews</i> , 2010, 6, 285-291.	0.1	0
562	Importance of High Creatinine Clearance for Antibacterial Treatment in Sepsis. , 2012, , 171-197.		0
563	Reply to Soman et al. <i>Clinical Infectious Diseases</i> , 2013, 57, 323-324.	2.9	0
564	B-Type Natriuretic Peptide. <i>A & A Case Reports</i> , 2013, 1, 59-61.	0.7	0
565	The authors reply. <i>Critical Care Medicine</i> , 2014, 42, e675-e676.	0.4	0
566	The authors reply. <i>Critical Care Medicine</i> , 2014, 42, e602-e603.	0.4	0
567	The authors reply. <i>Critical Care Medicine</i> , 2015, 43, e101-e102.	0.4	0
568	The authors reply. <i>Critical Care Medicine</i> , 2018, 46, e725-e726.	0.4	0
569	A Robust Statistical Approach to Analyse Population Pharmacokinetic Data in Critically Ill Patients Receiving Renal Replacement Therapy. <i>Clinical Pharmacokinetics</i> , 2019, 58, 263-270.	1.6	0
570	1573. Population Pharmacokinetic Analyses for Cefepime in Adult and Pediatric Patients. <i>Open Forum Infectious Diseases</i> , 2019, 6, S574-S575.	0.4	0
571	New guidelines for the management of severe thermal burns in the acute phase in adults and children: Is it time for a global surviving burn injury campaign (SBIC)? <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 195-196.	0.6	0
572	Protocol for an international, multicentre, prospective, observational study of nosocomial pneumonia in intensive care units: the PneumoINSPIRE study. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2021, 23, 59-66.	0.0	0
573	A Multicenter Observational Study Evaluating Outcomes Associated With Antibiotic Combination Versus Monotherapy in Patients With Septic Shock. , 2021, 3, e0383.		0
574	Statistical analysis plan for the BLING III study: a phase 3 multicentre randomised controlled trial of continuous versus intermittent β -lactam antibiotic infusion in critically ill patients with sepsis. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2021, 23, 273-284.	0.0	0
575	Prescription of Antimicrobial Agents in Patients Undergoing Continuous Renal Replacement Therapy. , 2007, , 147-158.		0
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578	Augmented Renal Clearance: Unraveling the Mystery of Elevated Antibiotic Clearance. Yearbook of Intensive Care and Emergency Medicine, 2010, , 495-506.	0.1	0
579	Antibiotic Therapy of Pneumonia in Critical Care. Current Respiratory Medicine Reviews, 2012, 8, 228-238.	0.1	0
580	Principles of antibiotic use. , 2014, , 738-742.e1.		0
581	Performance of the Pediatric Risk of Mortality Score. Critical Care Medicine, 1997, 25, 717.	0.4	0
582	Vancomycin Resistance in Gram-Positive Cocciâ€”Old Bugs, New Tricks, Confusing Terminology. Anaesthesia and Intensive Care, 1999, 27, 396-399.	0.2	0
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