

Otto Roman Frey

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,574
citations

623734

14
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1759
citing authors

#	ARTICLE	IF	CITATIONS
1	Individualised antibiotic dosing for patients who are critically ill: challenges and potential solutions. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 498-509.	9.1	745
2	An international, multicentre survey of β -lactam antibiotic therapeutic drug monitoring practice in intensive care units. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1416-1423.	3.0	185
3	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, 311-321.	8.2	91
4	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.	5.8	85
5	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.	4.7	66
6	Development of a dosing nomogram for continuous-infusion meropenem in critically ill patients based on a validated population pharmacokinetic model. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1330-1339.	3.0	63
7	In vitro removal of anti-infective agents by a novel cytokine adsorbent system. <i>International Journal of Artificial Organs</i> , 2019, 42, 57-64.	1.4	51
8	Cerebrospinal fluid penetration of meropenem in neurocritical care patients with proven or suspected ventriculitis: a prospective observational study. <i>Critical Care</i> , 2016, 20, 343.	5.8	47
9	What is the effect of obesity on piperacillin and meropenem trough concentrations in critically ill patients?. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 696-702.	3.0	37
10	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.	1.6	31
11	Anti-Infective Drugs during Continuous Hemodialysis – Using the Bench to Learn What to do at the Bedside. <i>International Journal of Artificial Organs</i> , 2015, 38, 17-22.	1.4	27
12	Population pharmacokinetics and dosing simulations of ceftazidime in critically ill patients receiving sustained low-efficiency dialysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 1433-1440.	3.0	20
13	CSF penetration of vancomycin in critical care patients with proven or suspected ventriculitis: a prospective observational study. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 991-996.	3.0	19
14	Cefiderocol in Critically Ill Patients with Multi-Drug Resistant Pathogens: Real-Life Data on Pharmacokinetics and Microbiological Surveillance. <i>Antibiotics</i> , 2021, 10, 649.	3.7	17
15	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, 667.	3.7	14
16	Validation and Application of an HPLC-UV Method for Routine Therapeutic Drug Monitoring of Dalbavancin. <i>Antibiotics</i> , 2022, 11, 541.	3.7	9
17	Personalized β -lactam dosing in patients with coronavirus disease 2019 (COVID-19) and pneumonia. <i>Medicine (United States)</i> , 2021, 100, e26253.	1.0	8
18	Population pharmacokinetics and toxicodynamics of continuously infused linezolid in critically ill patients. <i>International Journal of Antimicrobial Agents</i> , 2022, 59, 106572.	2.5	7

#	ARTICLE	IF	CITATIONS
19	What Are the Predictors for Achieving Therapeutic Levetiracetam Serum Concentrations in Adult Neurological Patients?. Therapeutic Drug Monitoring, 2020, 42, 626-630.	2.0	6
20	Validation and Application of an HPLC-UV Method for Routine Therapeutic Drug Monitoring of Cefiderocol. Antibiotics, 2021, 10, 242.	3.7	6
21	Comparison of two empirical prolonged infusion dosing regimens for meropenem in patients with septic shock: A two-center pilot study. International Journal of Antimicrobial Agents, 2021, 57, 106289.	2.5	6
22	Cerebrospinal Fluid Concentrations of Meropenem and Vancomycin in Ventriculitis Patients Obtained by TDM-Guided Continuous Infusion. Antibiotics, 2021, 10, 1421.	3.7	6
23	Antibiotic Stewardship and Therapeutic Drug Monitoring of β -Lactam Antibiotics. Therapeutic Drug Monitoring, 2021, Publish Ahead of Print, .	2.0	5
24	Ciprofloxacin in Patients Undergoing Extracorporeal Membrane Oxygenation (ECMO): A Population Pharmacokinetic Study. Pharmaceutics, 2022, 14, 965.	4.5	4
25	Excessive unbound cefazolin concentrations in critically ill patients receiving veno-arterial extracorporeal membrane oxygenation (vaECMO): an observational study. Scientific Reports, 2021, 11, 16981.	3.3	3