

# Otto Roman Frey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2146758/publications.pdf>

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  | 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        |
| 2  | 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         |
| 3  | Validation and Application of an HPLC-UV Method for Routine Therapeutic Drug Monitoring of Dalbavancin. <i>Antibiotics</i> , 2022, 11, 541.   | 3.7 | 9         |
| 4  | Ciprofloxacin in Patients Undergoing Extracorporeal Membrane Oxygenation (ECMO): A Population Pharmacokinetic Study. <i>Pharmaceutics</i> , 2022, 14, 965.  | 4.5 | 4         |
| 5  | 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        |
| 6  | Validation and Application of an HPLC-UV Method for Routine Therapeutic Drug Monitoring of Cefiderocol. <i>Antibiotics</i> , 2021, 10, 242.   | 3.7 | 6         |
| 7  | Comparison of two empirical prolonged infusion dosing regimens for meropenem in patients with septic shock: A two-center pilot study. <i>International Journal of Antimicrobial Agents</i> , 2021, 57, 106289.  | 2.5 | 6         |
| 8  | 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        |
| 9  | Personalized $\beta$ -lactam dosing in patients with coronavirus disease 2019 (COVID-19) and pneumonia. <i>Medicine (United States)</i> , 2021, 100, e26253.  | 1.0 | 8         |
| 10 | 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        |
| 11 | Excessive unbound cefazolin concentrations in critically ill patients receiving veno-arterial extracorporeal membrane oxygenation (vaECMO): an observational study. <i>Scientific Reports</i> , 2021, 11, 16981.  | 3.3 | 3         |
| 12 | Cerebrospinal Fluid Concentrations of Meropenem and Vancomycin in Ventriculitis Patients Obtained by TDM-Guided Continuous Infusion. <i>Antibiotics</i> , 2021, 10, 1421.   | 3.7 | 6         |
| 13 | Antibiotic Stewardship and Therapeutic Drug Monitoring of $\beta$ -Lactam Antibiotics. <i>Therapeutic Drug Monitoring</i> , 2021, Publish Ahead of Print, .   | 2.0 | 5         |
| 14 | What Are the Predictors for Achieving Therapeutic Levetiracetam Serum Concentrations in Adult Neurological Patients?. <i>Therapeutic Drug Monitoring</i> , 2020, 42, 626-630.   | 2.0 | 6         |
| 15 | 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        |
| 16 | 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        |
| 17 | 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        |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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        |
| 22 | 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        |
| 23 | 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        |
| 24 | 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       |
| 25 | An international, multicentre survey of $\beta$ -lactam antibiotic therapeutic drug monitoring practice in intensive care units. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1416-1423.                     | 3.0 | 185       |