

Keith A Rodvold

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

5,770
citations

126907

33
h-index

76900

74
g-index

94
all docs

94
docs citations

94
times ranked

5935
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Diagnosis and Management of Complicated Intra-abdominal Infection in Adults and Children: Guidelines by the Surgical Infection Society and the Infectious Diseases Society of America. <i>Clinical Infectious Diseases</i> , 2010, 50, 133-164. | 5.8 | 1,260 |
| 2 | Diagnosis and Management of Complicated Intra-Abdominal Infection in Adults and Children: Guidelines by the Surgical Infection Society and the Infectious Diseases Society of America. <i>Surgical Infections</i> , 2010, 11, 79-109. | 1.4 | 401 |
| 3 | Methicillin-Resistant <i>Staphylococcus aureus</i> Therapy: Past, Present, and Future. <i>Clinical Infectious Diseases</i> , 2014, 58, S20-S27. | 5.8 | 279 |
| 4 | Serum, tissue and body fluid concentrations of tigecycline after a single 100 mg dose. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 1221-1229. | 3.0 | 272 |
| 5 | Innovative approaches to optimizing the delivery of vancomycin in individual patients. <i>Advanced Drug Delivery Reviews</i> , 2014, 77, 50-57. | 13.7 | 215 |
| 6 | Penetration of Anti-Infective Agents into Pulmonary Epithelial Lining Fluid. <i>Clinical Pharmacokinetics</i> , 2011, 50, 637-664. | 3.5 | 190 |
| 7 | Clinical Pharmacokinetics of Clarithromycin. <i>Clinical Pharmacokinetics</i> , 1999, 37, 385-398. | 3.5 | 187 |
| 8 | Steady-State Plasma and Intrapulmonary Concentrations of Levofloxacin and Ciprofloxacin in Healthy Adult Subjects. <i>Chest</i> , 2001, 119, 1114-1122. | 0.8 | 156 |
| 9 | Antimicrobial Dosing in Obese Patients. <i>Clinical Infectious Diseases</i> , 1997, 25, 112-118. | 5.8 | 151 |
| 10 | The Infectious Diseases Society of America's 10 th –20 th Initiative (10 New Systemic Antibacterial Agents US) <i>TJ ETQq0 0 0 rgBT /</i> 2019, 69, 1-11. | 5.8 | 120 |
| 11 | Intrapulmonary penetration of ceftolozane/tazobactam and piperacillin/tazobactam in healthy adult subjects. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2463-2469. | 3.0 | 108 |
| 12 | National Survey of Extended-Interval Aminoglycoside Dosing. <i>Clinical Infectious Diseases</i> , 2000, 30, 433-439. | 5.8 | 105 |
| 13 | Steady-State Plasma and Bronchopulmonary Concentrations of Intravenous Levofloxacin and Azithromycin in Healthy Adults. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 2450-2457. | 3.2 | 102 |
| 14 | Dosage Adjustments for Antibacterials in Obese Patients. <i>Clinical Pharmacokinetics</i> , 2000, 38, 415-426. | 3.5 | 101 |
| 15 | Meropenem-RPX7009 Concentrations in Plasma, Epithelial Lining Fluid, and Alveolar Macrophages of Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7232-7239. | 3.2 | 88 |
| 16 | Comparison of Omadacycline and Tigecycline Pharmacokinetics in the Plasma, Epithelial Lining Fluid, and Alveolar Cells of Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, . | 3.2 | 86 |
| 17 | Pharmacokinetics and Pharmacodynamics of Fluoroquinolones. <i>Pharmacotherapy</i> , 2001, 21, 233S-252S. | 2.6 | 85 |
| 18 | Renal Dosing of Antibiotics: Are We Jumping the Gun?. <i>Clinical Infectious Diseases</i> , 2019, 68, 1596-1602. | 5.8 | 85 |

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|----|---|-----|-----------|
| 19 | Pharmacokinetics and Administration Regimens of Vancomycin in Neonates, Infants and Children. <i>Clinical Pharmacokinetics</i> , 1997, 33, 32-51. | 3.5 | 84 |
| 20 | Daptomycin: A novel cyclic lipopeptide antimicrobial. <i>American Journal of Health-System Pharmacy</i> , 2005, 62, 1145-1158. | 1.0 | 72 |
| 21 | Penetration of Anti-Infective Agents into Pulmonary Epithelial Lining Fluid. <i>Clinical Pharmacokinetics</i> , 2011, 50, 689-704. | 3.5 | 68 |
| 22 | Identifying Exposure Targets for Treatment of Staphylococcal Pneumonia with Ceftobiprole. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3294-3301. | 3.2 | 64 |
| 23 | New Oral Macrolide and Fluoroquinolone Antibiotics: An Overview of Pharmacokinetics, Interactions, and Safety. <i>Clinical Infectious Diseases</i> , 1993, 17, S192-S199. | 5.8 | 61 |
| 24 | Tigecycline: A Novel Broad-Spectrum Antimicrobial. <i>Annals of Pharmacotherapy</i> , 2007, 41, 965-972. | 1.9 | 60 |
| 25 | Considerations for effect site pharmacokinetics to estimate drug exposure: concentrations of antibiotics in the lung. <i>Current Opinion in Pharmacology</i> , 2017, 36, 114-123. | 3.5 | 59 |
| 26 | Antibiotic Drug Interactions. <i>Medical Clinics of North America</i> , 2006, 90, 1223-1255. | 2.5 | 58 |
| 27 | Penetration of Vancomycin into Epithelial Lining Fluid in Healthy Volunteers. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5507-5511. | 3.2 | 51 |
| 28 | Comparison of Plasma, Epithelial Lining Fluid, and Alveolar Macrophage Concentrations of Solithromycin (CEM-101) in Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5076-5081. | 3.2 | 49 |
| 29 | The role of carbapenems in the treatment of severe nosocomial respiratory tract infections. <i>Expert Opinion on Pharmacotherapy</i> , 2008, 9, 561-575. | 1.8 | 46 |
| 30 | Safety and tolerability of fluoroquinolones. <i>Clinical Cornerstone</i> , 2003, 5, S29-S36. | 0.7 | 44 |
| 31 | Population pharmacokinetic modeling and Monte Carlo simulation of varying doses of intravenous metronidazole. <i>Diagnostic Microbiology and Infectious Disease</i> , 2006, 55, 303-309. | 1.8 | 44 |
| 32 | An Updated Comparison of Drug Dosing Methods. <i>Clinical Pharmacokinetics</i> , 1991, 20, 463-476. | 3.5 | 41 |
| 33 | Pharmacodynamics of Antiinfective Therapy: Taking What We Know to the Patient's Bedside. <i>Pharmacotherapy</i> , 2001, 21, 319S-330S. | 2.6 | 36 |
| 34 | Plasma and Intrapulmonary Concentrations of ETX2514 and Sulbactam following Intravenous Administration of ETX2514SUL to Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2 | 35 |
| 35 | Pharmacokinetics and Pharmacodynamics of Oral and Intravenous Omadacycline. <i>Clinical Infectious Diseases</i> , 2019, 69, S16-S22. | 5.8 | 34 |
| 36 | Bayesian Forecasting of Serum Vancomycin Concentrations in Neonates and Infants. <i>Therapeutic Drug Monitoring</i> , 1995, 17, 239-246. | 2.0 | 33 |

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|----|---|-----|-----------|
| 37 | An Updated Comparison of Drug Dosing Methods. <i>Clinical Pharmacokinetics</i> , 1991, 20, 374-388. | 3.5 | 32 |
| 38 | Sex-Related Differences in the Pharmacokinetics of Once-Daily Saquinavir Soft-Gelatin Capsules Boosted with Low-Dose Ritonavir in Patients Infected with Human Immunodeficiency Virus Type 1. <i>Pharmacotherapy</i> , 2004, 24, 592-599. | 2.6 | 32 |
| 39 | Pharmacokinetics and Dialytic Clearance of Ceftazidime-Avibactam in a Critically Ill Patient on Continuous Venovenous Hemofiltration. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, . | 3.2 | 32 |
| 40 | Polymyxin Susceptibility Testing and Interpretive Breakpoints: Recommendations from the United States Committee on Antimicrobial Susceptibility Testing (USCAST). <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 3.2 | 32 |
| 41 | Therapeutic Drug Monitoring of Vancomycin in a Morbidly Obese Patient. <i>Therapeutic Drug Monitoring</i> , 1998, 20, 261-265. | 2.0 | 32 |
| 42 | Intrapulmonary pharmacokinetic profile of cefiderocol in mechanically ventilated patients with pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2902-2905. | 3.0 | 30 |
| 43 | Cost Considerations in Therapeutic Drug Monitoring of Aminoglycosides. <i>Clinical Pharmacokinetics</i> , 1994, 26, 71-81. | 3.5 | 29 |
| 44 | Plasma and Intrapulmonary Concentrations of Cefepime and Zidebactam following Intravenous Administration of WCK 5222 to Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2 | 29 |
| 45 | Zanamivir Pharmacokinetics and Pulmonary Penetration into Epithelial Lining Fluid following Intravenous or Oral Inhaled Administration to Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5178-5184. | 3.2 | 28 |
| 46 | Pharmacokinetics of Ceftaroline in Normal Body Weight and Obese (Classes I, II, and III) Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3956-3965. | 3.2 | 27 |
| 47 | Penetration of Antibacterial Agents into Pulmonary Epithelial Lining Fluid: An Update. <i>Clinical Pharmacokinetics</i> , 2022, 61, 17-46. | 3.5 | 26 |
| 48 | Pharmacokinetics and Pharmacodynamics of Intravenous Levofloxacin at 750 Milligrams and Various Doses of Metronidazole in Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4597-4605. | 3.2 | 25 |
| 49 | Aminoglycoside dosing in patients by kidney function and area under the curve: the Sawchuk-Zaske dosing method revisited in the era of obesity. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 78, 178-187. | 1.8 | 25 |
| 50 | Pharmacokinetics, pharmacodynamics, and safety of <sc>USL</sc>261, a midazolam formulation optimized for intranasal delivery, in a randomized study with healthy volunteers. <i>Epilepsia</i> , 2015, 56, 1723-1731. | 5.1 | 25 |
| 51 | Telavancin: The Long and Winding Road From Discovery to Food and Drug Administration Approvals and Future Directions. <i>Clinical Infectious Diseases</i> , 2015, 61, S38-S47. | 5.8 | 25 |
| 52 | Phase I Study To Evaluate the Pharmacokinetics, Safety, and Tolerability of Two Dosing Regimens of Oral Fosfomycin Tromethamine in Healthy Adult Participants. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2 | 24 |
| 53 | Steady-state plasma and bronchopulmonary characteristics of clarithromycin extended-release tablets in normal healthy adult subjects. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 450-456. | 3.0 | 23 |
| 54 | Intrapulmonary Pharmacokinetics of Levonadifloxacin following Oral Administration of Alalevonadifloxacin to Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2 | 23 |

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|----|--|------|-----------|
| 55 | Pharmacokinetics of intravenous vancomycin in pediatric cardiopulmonary bypass surgery. <i>Pediatric Infectious Disease Journal</i> , 1993, 12, 300-303. | 2.0 | 22 |
| 56 | Omadacycline: A Review of the Clinical Pharmacokinetics and Pharmacodynamics. <i>Clinical Pharmacokinetics</i> , 2020, 59, 409-425. | 3.5 | 22 |
| 57 | <p>Omadacycline: a novel aminomethylcycline</p>. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 1895-1915. | 2.7 | 21 |
| 58 | Bayesian Forecasting of Serum Gentamicin Concentrations in Intensive Care Patients. <i>Clinical Pharmacokinetics</i> , 1990, 18, 409-418. | 3.5 | 18 |
| 59 | Effects of six-week clarithromycin therapy in corticosteroid-dependent asthma: A randomized, double-blind, placebo-controlled pilot study. <i>Current Therapeutic Research</i> , 2004, 65, 1-12. | 1.2 | 18 |
| 60 | Pharmacokinetic evaluation of meropenem and vaborbactam for the treatment of urinary tract infection. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018, 14, 1007-1021. | 3.3 | 18 |
| 61 | Intrapulmonary Pharmacokinetics of GSK2251052 in Healthy Volunteers. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3334-3339. | 3.2 | 16 |
| 62 | Single daily doses of aminoglycosides. <i>Lancet</i> , The, 1997, 350, 1412. | 13.7 | 15 |
| 63 | Comparison of Plasma and Intrapulmonary Concentrations of Nafithromycin (WCK 4873) in Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, . | 3.2 | 15 |
| 64 | Introduction: lefamulin and pharmacokinetic/pharmacodynamic rationale to support the dose selection of lefamulin. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, iii2-iii4. | 3.0 | 14 |
| 65 | An Updated Comparison of Drug Dosing Methods. <i>Clinical Pharmacokinetics</i> , 1991, 20, 209-217. | 3.5 | 13 |
| 66 | An Updated Comparison of Drug Dosing Methods. <i>Clinical Pharmacokinetics</i> , 1991, 20, 280-292. | 3.5 | 12 |
| 67 | Phenobarbital Pharmacokinetics in Obesity. <i>Clinical Pharmacokinetics</i> , 1992, 22, 481-484. | 3.5 | 12 |
| 68 | Variability in Telavancin Cross-Reactivity among Vancomycin Immunoassays. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7093-7097. | 3.2 | 12 |
| 69 | Pharmacokinetic and pharmacodynamic evaluation of ceftaroline fosamil. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014, 10, 1741-1750. | 3.3 | 11 |
| 70 | 60 Plus Years Later and We Are Still Trying to Learn How to Dose Vancomycin. <i>Clinical Infectious Diseases</i> , 2020, 70, 1546-1549. | 5.8 | 11 |
| 71 | Methods of Minimising the Cost of Aminoglycoside Therapy to Hospitals. <i>Pharmacoeconomics</i> , 1993, 3, 228-243. | 3.3 | 9 |
| 72 | National survey on continuous and extended infusions of antibiotics. <i>American Journal of Health-System Pharmacy</i> , 2012, 69, 1895-1904. | 1.0 | 9 |

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|----|--|-----|-----------|
| 73 | Penetration of GSK1322322 into Epithelial Lining Fluid and Alveolar Macrophages as Determined by Bronchoalveolar Lavage. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 419-423. | 3.2 | 9 |
| 74 | Safety and Efficacy of Tigecycline to Treat Multidrug-resistant Infections in Pediatrics: An Evidence Synthesis. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, 710-715. | 2.0 | 9 |
| 75 | How Important Is Therapeutic Drug Monitoring in the Prediction and Avoidance of Adverse Reactions?. <i>Drug Safety</i> , 1995, 12, 359-363. | 3.2 | 8 |
| 76 | Pharmacokinetics of Telavancin at Fixed Doses in Normal-Body-Weight and Obese (Classes I, II, and III) Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2 | 8 |
| 77 | ZTI-01 (fosfomycin for injection) in the treatment of hospitalized patients with complicated urinary tract infections. <i>Future Microbiology</i> , 2019, 14, 461-475. | 2.0 | 6 |
| 78 | Pharmacokinetic drug evaluation of ceftobiprole for the treatment of MRSA. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2017, 13, 463-472. | 3.3 | 5 |
| 79 | A Pharmacometric Comparison of Omadacycline and Tigecycline Epithelial Lining Fluid (ELF) Penetration. <i>Open Forum Infectious Diseases</i> , 2017, 4, S529-S530. | 0.9 | 4 |
| 80 | 1311. Intrapulmonary Pharmacokinetics of Cefiderocol in Hospitalized and Ventilated Patients Receiving Standard of Care Antibiotics for Bacterial Pneumonia. <i>Open Forum Infectious Diseases</i> , 2020, 7, S668-S668. | 0.9 | 4 |
| 81 | Editorial Commentary: Improving Prescribers to Advance Antimicrobial Stewardship. <i>Clinical Infectious Diseases</i> , 2015, 60, 1259-1261. | 5.8 | 3 |
| 82 | Plasma and Intrapulmonary Concentrations of Tebipenem following Oral Administration of Tebipenem Pivoxil Hydrobromide to Healthy Adult Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, . | 3.2 | 3 |
| 83 | Prediction of Acetaminophen Concentrations in Overdose Patients Using a Bayesian Pharmacokinetic Model. <i>Journal of Toxicology: Clinical Toxicology</i> , 1994, 32, 17-30. | 1.5 | 2 |
| 84 | IV Cefuroxime Plus Oral Clarithromycin or IV Erythromycin for the Treatment of Community-Acquired Pneumonia in Hospitalised Patients. <i>Clinical Drug Investigation</i> , 1997, 14, 23-34. | 2.2 | 2 |
| 85 | Stability and compatibility of levofloxacin and metronidazole during simulated and actual Y-site administration. <i>American Journal of Health-System Pharmacy</i> , 2005, 62, 88-92. | 1.0 | 2 |
| 86 | Drug interactions involving anti-infective agents. , 2010, , 68-103. | | 2 |
| 87 | Clearance of ceftazidime-avibactam in an in vitro continuous venovenous hemodialysis model. <i>Open Forum Infectious Diseases</i> , 2017, 4, S294-S295. | 0.9 | 2 |
| 88 | Collaborative Strategies for Improving Clinical Resource Utilization: How Pharmacists Can Make a Difference. <i>Journal of Managed Care Pharmacy</i> , 2009, 15, 10-14. | 2.2 | 1 |
| 89 | Telavancin for the Treatment of Methicillin-Resistant <i>Staphylococcus aureus</i> Infections. <i>Clinical Infectious Diseases</i> , 2015, 61, S35-S37. | 5.8 | 1 |
| 90 | START Learning by Sharing: FAQs. <i>Journal of Managed Care Pharmacy</i> , 2009, 15, 24-26. | 2.2 | 1 |

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|----|---|-----|-----------|
| 91 | Antibiotic Optimization: Concepts and Strategies in Clinical Practice Edited by Robert C. Owens, Jr., Paul G. Ambrose, and Charles H. Nightingale New York: Marcel Dekker, 2005. 663 pp., illustrated. \$179.95 (cloth). <i>Clinical Infectious Diseases</i> , 2005, 41, 1828-1828. | 5.8 | 0 |
| 92 | Authorsâ€™ Reply to De Sutter, De Waele, and Vermeulen: Penetration of Antibacterial Agents into Pulmonary Epithelial Lining Fluid: An Update. <i>Clinical Pharmacokinetics</i> , 2022, 61, 337-338. | 3.5 | 0 |
| 93 | Journal of Managed Care Pharmacy. START (Stewardship Tactics for Antimicrobial Resistance Trends). Introduction. <i>Journal of Managed Care Pharmacy</i> , 2009, 15, S3-4. | 2.2 | 0 |