

# Vijay D Ivaturi

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

755  
citations

566801

15  
h-index

580395

25  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1111  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Reassessing the Pediatric Dosing Recommendations for Unfractionated Heparin Using Real-World Data: A Pharmacokinetic-Pharmacodynamic Modeling Approach. <i>Journal of Clinical Pharmacology</i> , 2022, 62, 733-746.                          | 1.0  | 3         |
| 2  | Optimizing Vancomycin Dosing and Monitoring in Neonates and Infants Using Population Pharmacokinetic Modeling. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0189921.   | 1.4  | 5         |
| 3  | Early Exposure of Fosphenytoin, Levetiracetam, and Valproic Acid After High-Dose Intravenous Administration in Young Children With Benzodiazepine-Refractory Status Epilepticus. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 763-768. | 1.0  | 3         |
| 4  | Response Similarity Assessment Between Polyarticular Juvenile Idiopathic Arthritis and Adult Rheumatoid Arthritis for Biologics. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 98-107.   | 2.3  | 8         |
| 5  | A pharmacokinetic simulation study to assess the performance of a sparse blood sampling approach to quantify early drug exposure. <i>Clinical and Translational Science</i> , 2021, 14, 1444-1451.  | 1.5  | 1         |
| 6  | Nivolumab exposure-response analysis for adjuvant treatment of melanoma supporting a change in posology. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 748-759.  | 1.3  | 3         |
| 7  | Understanding the Role of Pharmacometrics-Based Clinical Decision Support Systems in Pediatric Patient Management: A Case Study Using Lyv Software. <i>Journal of Clinical Pharmacology</i> , 2021, 61, S125-S132.                            | 1.0  | 4         |
| 8  | Clonidine for sedation in infants during therapeutic hypothermia with neonatal encephalopathy: pilot study. <i>Journal of Perinatology</i> , 2021, , .  | 0.9  | 3         |
| 9  | Characterization of Drug-Drug Interactions on the Pharmacokinetic Disposition of Busulfan in Pediatric Patients during Hematopoietic Stem Cell Transplantation Conditioning. <i>British Journal of Clinical Pharmacology</i> , 2021, , .      | 1.1  | 3         |
| 10 | Dosage Regimens for Meropenem in Children with Pseudomonas Infections Do Not Meet Serum Concentration Targets. <i>Clinical and Translational Science</i> , 2020, 13, 301-308.   | 1.5  | 9         |
| 11 | Population Pharmacokinetics of Vemurafenib in Children With Recurrent/Refractory BRAF Gene V600E-Mutant Astrocytomas. <i>Journal of Clinical Pharmacology</i> , 2020, 60, 1209-1219.  | 1.0  | 2         |
| 12 | Population pharmacokinetic/pharmacodynamic modeling for remimazolam in the induction and maintenance of general anesthesia in healthy subjects and in surgical subjects. <i>Journal of Clinical Anesthesia</i> , 2020, 66, 109899.            | 0.7  | 60        |
| 13 | Dynamic imaging in patients with tuberculosis reveals heterogeneous drug exposures in pulmonary lesions. <i>Nature Medicine</i> , 2020, 26, 529-534.  | 15.2 | 87        |
| 14 | Population Pharmacokinetic Modeling of Gentamicin in Pediatrics. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1584-1596.   | 1.0  | 11        |
| 15 | Optimizing ethambutol dosing among HIV/tuberculosis co-infected patients: a population pharmacokinetic modelling and simulation study. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2994-3002.                                    | 1.3  | 6         |
| 16 | Clinical Pharmacology-Driven Translational Research to Optimize Bedside Therapeutics of Sotalol Therapy. <i>Clinical and Translational Science</i> , 2019, 12, 648-656.   | 1.5  | 4         |
| 17 | Could Postnatal Age-Related Uridine Diphosphate Glucuronic Acid Be a Rate-Limiting Factor in the Metabolism of Morphine During the First Week of Life?. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2019, 8, 469-477.              | 1.3  | 4         |
| 18 | Population Pharmacokinetics of Clofarabine as Part of Pretransplantation Conditioning in Pediatric Subjects before Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 1603-1610.              | 2.0  | 6         |

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|----|---|-----|-----------|
| 19 | Integrated Model to Describe Morphine Pharmacokinetics in Humans. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1070-1077.  | 1.0 | 7         |
| 20 | Population Pharmacokinetic Assessment of Vancomycin Dosing in the Large Pediatric Patient. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .   | 1.4 | 10        |
| 21 | Sorafenib Dose Recommendation in Acute Myeloid Leukemia Based on Exposureâ€¦FLT3 Relationship. <i>Clinical and Translational Science</i> , 2018, 11, 435-443.   | 1.5 | 15        |
| 22 | Noninvasive <sup>11</sup> C-rifampin positron emission tomography reveals drug biodistribution in tuberculous meningitis. <i>Science Translational Medicine</i> , 2018, 10, .   | 5.8 | 73        |
| 23 | Preservation of myocardial contractility during acute hypoxia with OMX-CV, a novel oxygen delivery biotherapeutic. <i>PLoS Biology</i> , 2018, 16, e2005924.  | 2.6 | 15        |
| 24 | Exposureâ€¦Response Analysis of Alvocidib (Flavopiridol) Treatment by Bolus or Hybrid Administration in Newly Diagnosed or Relapsed/Refractory Acute Leukemia Patients. <i>Clinical Cancer Research</i> , 2017, 23, 3592-3600.                              | 3.2 | 7         |
| 25 | Exposureâ€¦response analysis after subcutaneous administration of RBPâ€¦7000, a onceâ€¦aâ€¦month longâ€¦acting Atrigel formulation of risperidone. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1476-1498.                                   | 1.1 | 18        |
| 26 | Parentâ€¦Metabolite Pharmacokinetic Modeling and Pharmacodynamics of Veliparib (ABTâ€¦888), a PARP Inhibitor, in Patients With <i>BRCA 1/2</i> Mutated Cancer or PARPâ€¦Sensitive Tumor Types. <i>Journal of Clinical Pharmacology</i> , 2017, 57, 977-987. | 1.0 | 17        |
| 27 | Valacyclovir as Initial Treatment for Acute Retinal Necrosis: A Pharmacokinetic Modeling and Simulation Study. <i>Current Eye Research</i> , 2017, 42, 1035-1038.   | 0.7 | 5         |
| 28 | Systemic Octreotide Therapy in Prevention of Gastrointestinal Bleeds Related to Arteriovenous Malformations and Obscure Etiology in Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 1390-1399.                                      | 1.3 | 6         |
| 29 | Pharmacokinetics and Model-Based Dosing to Optimize Fludarabine Therapy in Pediatric Hematopoietic Cell Transplant Recipients. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 1701-1713.  | 2.0 | 32        |
| 30 | Observation of Patients Transitioned to an Oral Loop Diuretic Before Discharge and Risk of Readmission for Acute Decompensated Heart Failure. <i>Journal of Cardiac Failure</i> , 2017, 23, 746-752.  | 0.7 | 10        |
| 31 | Isoniazid clearance is impaired among human immunodeficiency virus/tuberculosis patients with high levels of immune activation. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 801-811.  | 1.1 | 19        |
| 32 | The time is now: model-based dosing to optimize drug therapy. <i>International Journal of Pharmacokinetics</i> , 2017, 2, 213-215.  | 0.5 | 5         |
| 33 | Urine colorimetry to detect Low rifampin exposure during tuberculosis therapy: a proof-of-concept study. <i>BMC Infectious Diseases</i> , 2016, 16, 242.  | 1.3 | 13        |
| 34 | Mechanistic Population Pharmacokinetics of Morphine in Neonates With Abstinence Syndrome After Oral Administration of Diluted Tincture of Opium. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 1009-1018.   | 1.0 | 36        |
| 35 | Diltiazem versus metoprolol for rate control in atrial fibrillation with rapid ventricular response in the emergency department. <i>American Journal of Health-System Pharmacy</i> , 2016, 73, 2068-2076.   | 0.5 | 23        |
| 36 | Efficacy and Safety of Intravenous Chlorothiazide versus Oral Metolazone in Patients with Acute Decompensated Heart Failure and Loop Diuretic Resistance. <i>Pharmacotherapy</i> , 2016, 36, 852-860.   | 1.2 | 25        |

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|----|--|-----|-----------|
| 37 | Rifampin Target Attainment During Treatment of Tuberculosis Meningitis: The Role of Pharmacogenetics. <i>Open Forum Infectious Diseases</i> , 2016, 3, .   | 0.4 | 0         |
| 38 | A pilot study assessing the bioavailability and pharmacokinetics of diazepam after intranasal and intravenous administration in healthy volunteers. <i>Epilepsy Research</i> , 2013, 105, 362-367. | 0.8 | 60        |
| 39 | Bioavailability of Intranasal vs. Rectal Diazepam. <i>Epilepsy Research</i> , 2013, 103, 254-261.  | 0.8 | 37        |
| 40 | Novel Mechanisms of Drug Delivery. , 2010, , 553-571.  |     | 2         |
| 41 | Enhanced Permeation of Methotrexate In Vitro by Ion Pair Formation With L-Arginine. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 3633-3639.   | 1.6 | 16        |
| 42 | Pharmacokinetics and tolerability of intranasal diazepam and midazolam in healthy adult volunteers. <i>Acta Neurologica Scandinavica</i> , 2009, 120, 353-357.                                     | 1.0 | 34        |
| 43 | Bioavailability and tolerability of intranasal diazepam in healthy adult volunteers. <i>Epilepsy Research</i> , 2009, 84, 120-126.   | 0.8 | 23        |