

# Vijay D Ivaturi

## List of Publications by Year in descending order

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papers

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citations

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#	ARTICLE	IF	CITATIONS
1	Dynamic imaging in patients with tuberculosis reveals heterogeneous drug exposures in pulmonary lesions. <i>Nature Medicine</i> , 2020, 26, 529-534.	15.2	87
2	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
3	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
4	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
5	Bioavailability of Intranasal vs. Rectal Diazepam. <i>Epilepsy Research</i> , 2013, 103, 254-261.	0.8	37
6	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
7	Pharmacokinetics and tolerability of intranasal diazepam and midazolam in healthy adult volunteers. <i>Acta Neurologica Scandinavica</i> , 2009, 120, 353-357.	1.0	34
8	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
9	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
10	Bioavailability and tolerability of intranasal diazepam in healthy adult volunteers. <i>Epilepsy Research</i> , 2009, 84, 120-126.	0.8	23
11	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
12	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
13	Exposure-response analysis after subcutaneous administration of RBP-7000, a once-a-month long-acting Atrigel formulation of risperidone. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1476-1498.	1.1	18
14	Parent-Metabolite Pharmacokinetic Modeling and Pharmacodynamics of Veliparib (ABT-888), a PARP Inhibitor, in Patients With BRCA 1/2 Mutated Cancer or PARP-Sensitive Tumor Types. <i>Journal of Clinical Pharmacology</i> , 2017, 57, 977-987.	1.0	17
15	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
16	Sorafenib Dose Recommendation in Acute Myeloid Leukemia Based on Exposure-FLT3 Relationship. <i>Clinical and Translational Science</i> , 2018, 11, 435-443.	1.5	15
17	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
18	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

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19	Population Pharmacokinetic Modeling of Gentamicin in Pediatrics. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1584-1596.	1.0	11
20	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
21	Population Pharmacokinetic Assessment of Vancomycin Dosing in the Large Pediatric Patient. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	10
22	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
23	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
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	Integrated Model to Describe Morphine Pharmacokinetics in Humans. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1070-1077.	1.0	7
26	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
27	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
28	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
29	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
30	The time is now: model-based dosing to optimize drug therapy. <i>International Journal of Pharmacokinetics</i> , 2017, 2, 213-215.	0.5	5
31	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
32	Clinical Pharmacologyâ€“Driven Translational Research to Optimize Bedside Therapeutics of Sotalol Therapy. <i>Clinical and Translational Science</i> , 2019, 12, 648-656.	1.5	4
33	Could Postnatal Ageâ€“Related Uridine Diphosphate Glucuronic Acid Be a Rateâ€“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
34	Understanding the Role of Pharmacometricsâ€“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
35	Early Exposure of Fosphenytoin, Levetiracetam, and Valproic Acid After Highâ€“Dose Intravenous Administration in Young Children With Benzodiazepineâ€“Refractory Status Epilepticus. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 763-768.	1.0	3
36	Nivolumab exposureâ€“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

#	ARTICLE	IF	CITATIONS
37	Clonidine for sedation in infants during therapeutic hypothermia with neonatal encephalopathy: pilot study. <i>Journal of Perinatology</i> , 2021, , .	0.9	3
38	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
39	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
40	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
41	Novel Mechanisms of Drug Delivery. , 2010, , 553-571.		2
42	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
43	Rifampin Target Attainment During Treatment of Tuberculosis Meningitis: The Role of Pharmacogenetics. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0