

# Jogarao V Gobburu

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

954  
citations

567281

15  
h-index

501196

28  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide-based PET quantifies target engagement of PD-L1 therapeutics. <i>Journal of Clinical Investigation</i> , 2019, 129, 616-630.	8.2	94
2	Dynamic imaging in patients with tuberculosis reveals heterogeneous drug exposures in pulmonary lesions. <i>Nature Medicine</i> , 2020, 26, 529-534.	30.7	87
3	Population Pharmacokinetic-Based Dosing of Intravenous Busulfan in Pediatric Patients. <i>Journal of Clinical Pharmacology</i> , 2007, 47, 101-111.	2.0	84
4	Noninvasive <sup>11</sup> C-rifampin positron emission tomography reveals drug biodistribution in tuberculous meningitis. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	73
5	Pharmacokinetic and Pharmacodynamic Basis for Effective Argatroban Dosing in Pediatrics. <i>Journal of Clinical Pharmacology</i> , 2011, 51, 19-28.	2.0	59
6	Allometry Is a Reasonable Choice in Pediatric Drug Development. <i>Journal of Clinical Pharmacology</i> , 2017, 57, 469-475.	2.0	46
7	Pharmacometrics 2020. <i>Journal of Clinical Pharmacology</i> , 2010, 50, 151S-157S.	2.0	41
8	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.	2.0	36
9	Optimising piperacillin/tazobactam dosing in paediatrics. <i>International Journal of Antimicrobial Agents</i> , 2007, 30, 320-324.	2.5	30
10	Pharmacokinetic-pharmacodynamic modeling of ipamorelin, a growth hormone releasing peptide, in human volunteers. <i>Pharmaceutical Research</i> , 1999, 16, 1412-1416.	3.5	26
11	Optimal use of intravenous tranexamic acid for hemorrhage prevention in pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 85.e1-85.e11.	1.3	24
12	Application of a plasmin generation assay to define pharmacodynamic effects of tranexamic acid in women undergoing cesarean delivery. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 221-232.	3.8	23
13	Exposure-Response Analysis to Assess the Concentration-QTc Relationship of Psilocybin/Psilocin. <i>Clinical Pharmacology in Drug Development</i> , 2021, 10, 78-85.	1.6	19
14	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.	2.4	18
15	Single-Dose Pharmacokinetics of HLD200, a Delayed-Release and Extended-Release Methylphenidate Formulation, in Healthy Adults and in Adolescents and Children with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2018, 28, 10-18.	1.3	18
16	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.	2.0	17
17	Dynamic PET-facilitated modeling and high-dose rifampin regimens for <i>Staphylococcus aureus</i> orthopedic implant-associated infections. <i>Science Translational Medicine</i> , 2021, 13, eabl6851.	12.4	16
18	Sorafenib Dose Recommendation in Acute Myeloid Leukemia Based on Exposure-FLT3 Relationship. <i>Clinical and Translational Science</i> , 2018, 11, 435-443.	3.1	15

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19	Population pharmacokinetics and pharmacodynamics of Tranexamic acid in women undergoing caesarean delivery. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 3531-3541.	2.4	15
20	Genetics-Based Pediatric Warfarin Dosage Regimen Derived Using Pharmacometric Bridging. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2013, 18, 209-219.	0.5	15
21	Pharmacokinetics of HLD200, a Delayed-Release and Extended-Release Methylphenidate: Evaluation of Dose Proportionality, Food Effect, Multiple-Dose Modeling, and Comparative Bioavailability with Immediate-Release Methylphenidate in Healthy Adults. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2019, 29, 181-191.	1.3	13
22	MID3: Mission Impossible or Model-Informed Drug Discovery and Development? Point-Counterpoint Discussions on Key Challenges. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 762-772.	4.7	12
23	Pharmacokinetics of high-titer anti-SARS-CoV-2 human convalescent plasma in high-risk children. <i>JCI Insight</i> , 2022, 7, .	5.0	12
24	Population Pharmacokinetic Modeling of Gentamicin in Pediatrics. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1584-1596.	2.0	11
25	Pharmacometrics-guided drug development of antihyperhidrosis agents. <i>Journal of Clinical Pharmacology</i> , 2015, 55, 1256-1267.	2.0	9
26	Population pharmacokinetics and exposure-response assessment of veliparib co-administered with temozolomide in patients with myeloid leukemias. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 83, 319-328.	2.3	9
27	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.	3.1	9
28	A Practice-Based, Clinical Pharmacokinetic Study to Inform Levetiracetam Dosing in Critically Ill Patients Undergoing Continuous Venovenous Hemofiltration (PADRE-01). <i>Clinical and Translational Science</i> , 2020, 13, 950-959.	3.1	8
29	Population pharmacokinetics and site of action exposures of veliparib with topotecan plus carboplatin in patients with haematological malignancies. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1688-1700.	2.4	7
30	Kinetic-Pharmacodynamic Model of Chemotherapy-Induced Peripheral Neuropathy in Patients with Metastatic Breast Cancer Treated with Paclitaxel, Nab-Paclitaxel, or ixabepilone: CALGB 40502 (Alliance). <i>AAPS Journal</i> , 2017, 19, 1411-1423.	4.4	7
31	Bayesian Forecasting Tool to Predict the Need for Antidote in Acute Acetaminophen Overdose. <i>Pharmacotherapy</i> , 2017, 37, 916-926.	2.6	7
32	Integrated Model to Describe Morphine Pharmacokinetics in Humans. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 1070-1077.	2.0	7
33	Personalized Management of Chemotherapy-Induced Peripheral Neuropathy Based on a Patient Reported Outcome: CALGB 40502 (Alliance). <i>Journal of Clinical Pharmacology</i> , 2020, 60, 444-452.	2.0	7
34	A Pharmacokinetic and Pharmacodynamic Investigation of an Îµ-Aminocaproic Acid Regimen Designed for Cardiac Surgery With Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 406-417.	1.3	7
35	Interspecies Comparison and Radiation Effect on Pharmacokinetics of BIO 300, a Nanosuspension of Genistein, after Different Routes of Administration in Mice and Non-Human Primates. <i>Radiation Research</i> , 2022, 197, .	1.5	7
36	Don't Get Boxed In: Commentary on the Visual Inspection Practices to Assess Exposure-Response Relationships From Binary Clinical Variables. <i>Journal of Clinical Pharmacology</i> , 2012, 52, 1912-1917.	2.0	6

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37	Drug Development and Potential Regulatory Paths for Insulin Biosimilars. <i>Journal of Diabetes Science and Technology</i> , 2014, 8, 14-19.	2.2	6
38	Population Pharmacokinetics of an Intranasally Administered Combination of Oxymetazoline and Tetracaine in Healthy Volunteers. <i>Journal of Clinical Pharmacology</i> , 2017, 57, 247-254.	2.0	5
39	An Innovative Disease-Drug-Trial Framework to Guide Binge Eating Disorder Drug Development: A Case Study for Topiramate. <i>Clinical and Translational Science</i> , 2020, 13, 88-97.	3.1	5
40	Exposure-Response of Veliparib to Inform Phase II Trial Design in Refractory or Relapsed Patients with Hematological Malignancies. <i>Clinical Cancer Research</i> , 2017, 23, 6421-6429.	7.0	4
41	A Physiologically Based Pharmacokinetic Modeling Approach to Predict Drug-Drug Interactions of Buprenorphine After Subcutaneous Administration of CAM2038 With Perpetrators of CYP3A4. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 942-948.	3.3	4
42	Clinical Pharmacology-Driven Translational Research to Optimize Bedside Therapeutics of Sotalol Therapy. <i>Clinical and Translational Science</i> , 2019, 12, 648-656.	3.1	4
43	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.	2.5	4
44	Future of pharmacometrics: Predictive healthcare analytics. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 1427-1429.	2.4	4
45	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.	2.0	4
46	Population Pharmacokinetics of Vancomycin in Pregnant Women. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	4
47	Cancer Clinical Investigators Should Converge with Pharmacometricians. <i>Clinical Cancer Research</i> , 2019, 25, 5182-5184.	7.0	3
48	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, , .	2.4	3
49	Accelerating the Availability of Medications to Pediatric Patients by Optimizing the Use of Extrapolation of Efficacy. <i>Therapeutic Innovation and Regulatory Science</i> , 2022, 56, 873-882.	1.6	3
50	A prospective, real-world, clinical pharmacokinetic study to inform lacosamide dosing in critically ill patients undergoing continuous venovenous haemofiltration (PADRE-02). <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4375-4385.	2.4	2
51	Pharmacometrics Applications to Pediatric Trials. , 0, , 332-341.		1
52	Population Pharmacokinetics of Melphalan for Pediatric Patients Undergoing Hematopoietic Cell Transplantation. <i>Journal of Clinical Pharmacology</i> , 2022, , .	2.0	1
53	Development and Use of an Ex-Vivo In-Vivo Correlation to Predict Antiepileptic Drug Clearance in Patients Undergoing Continuous Renal Replacement Therapy. <i>Pharmaceutical Research</i> , 2022, , .	3.5	1
54	125. Dynamic PET facilitated Pharmacokinetic Modeling and High-dose Rifampin Regimens for <i>Staphylococcus aureus</i> Orthopedic Implant Associated Infections: Bench to Bedside. <i>Open Forum Infectious Diseases</i> , 2021, 8, S75-S76.	0.9	0