

# Joseph E Rower

## List of Publications by Year in descending order

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36  
papers

1,145  
citations

516710

16  
h-index

395702

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1739  
citing authors

#	ARTICLE	IF	CITATIONS
1	872: REMDESIVIR EXTRACTION BY EXTRACORPOREAL LIFE SUPPORT CIRCUITS. <i>Critical Care Medicine</i> , 2022, 50, 431-431.	0.9	0
2	Dronabinol Prescribing and Exposure Among Children and Young Adults Diagnosed with Cancer. <i>Journal of Adolescent and Young Adult Oncology</i> , 2021, 10, 175-184.	1.3	5
3	Transient Receptor Potential Ankyrin-1 and Vanilloid-3 Differentially Regulate Endoplasmic Reticulum Stress and Cytotoxicity in Human Lung Epithelial Cells After Pneumotoxic Wood Smoke Particle Exposure. <i>Molecular Pharmacology</i> , 2020, 98, 586-597.	2.3	10
4	Dose-escalation trial of budesonide in surfactant for prevention of bronchopulmonary dysplasia in extremely low gestational age high-risk newborns (SASSIE). <i>Pediatric Research</i> , 2020, 88, 629-636.	2.3	21
5	Validation of an assay for quantifying ganciclovir in dried blood spots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 184, 113181.	2.8	11
6	Supportive care medications coinciding with chemotherapy among children with hematologic malignancy. <i>Leukemia and Lymphoma</i> , 2020, 61, 1920-1931.	1.3	4
7	Stability of Oxandrolone in Medium-Chain Triglyceride Oil and Pharmacokinetics Following Buccal Administration of the Extemporaneous Formulation in Neonates and Adults. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2020, 25, 220-227.	0.5	0
8	State-of-the-Art Review on Physiologically Based Pharmacokinetic Modeling in Pediatric Drug Development. <i>Clinical Pharmacokinetics</i> , 2019, 58, 1-13.	3.5	50
9	The pharmacokinetics of oral carbamazepine in rats dosed using an automated drug delivery system. <i>Epilepsia</i> , 2019, 60, 1829-1837.	5.1	5
10	Development and validation of an assay for quantifying budesonide in dried blood spots collected from extremely low gestational age neonates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 167, 7-14.	2.8	13
11	The Effectiveness of a Vancomycin Dosing Guideline in the Neonatal Intensive Care Unit for Achieving Goal Therapeutic Trough Concentrations. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 997-1005.	2.0	23
12	Prospective study of serum and ionized magnesium pharmacokinetics in the treatment of children with severe acute asthma. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 59-66.	1.9	9
13	AUC-Guided Vancomycin Dosing in Adolescent Patients With Suspected Sepsis. <i>Journal of Clinical Pharmacology</i> , 2017, 57, 77-84.	2.0	25
14	Inhaled Remimazolam Potentiates Inhaled Remifentanyl in Rodents. <i>Anesthesia and Analgesia</i> , 2017, 124, 1484-1490.	2.2	14
15	Clinical pharmacokinetics of magnesium sulfate in the treatment of children with severe acute asthma. <i>European Journal of Clinical Pharmacology</i> , 2017, 73, 325-331.	1.9	32
16	Population pharmacokinetic model of transdermal nicotine delivered from a matrix-type patch. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2709-2717.	2.4	3
17	Predicting tacrolimus concentrations in children receiving a heart transplant using a population pharmacokinetic model. <i>BMJ Paediatrics Open</i> , 2017, 1, e000147.	1.4	11
18	Optimizing the use of intravenous magnesium sulfate for acute asthma treatment in children. <i>Pediatric Pulmonology</i> , 2016, 51, 1414-1421.	2.0	17

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19	Intracellular Tenofovir and Emtricitabine Anabolites in Genital, Rectal, and Blood Compartments from First Dose to Steady State. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 981-991.	1.1	66
20	Pharmacodynamic studies of voriconazole: informing the clinical management of invasive fungal infections. <i>Expert Review of Anti-Infective Therapy</i> , 2016, 14, 731-746.	4.4	20
21	Serum and cellular ribavirin pharmacokinetic and concentrationâ€“effect analysis in HCV patients receiving sofosbuvir plus ribavirin. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2322-2329.	3.0	23
22	Pharmacokinetic considerations in the use of antivirals in neonates. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 1861-1878.	3.3	3
23	Population Pharmacokinetic Modeling of Plasma and Intracellular Ribavirin Concentrations in Patients with Chronic Hepatitis C Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2179-2188.	3.2	28
24	Validation and Application of a Liquid Chromatography-Tandem Mass Spectrometry Method To Determine the Concentrations of Sofosbuvir Anabolites in Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7671-7679.	3.2	30
25	Evaluation of Sulfolbutylether-Î²-Cyclodextrin Exposure in a Critically Ill Patient Receiving Intravenous Posaconazole While Undergoing Continuous Venovenous Hemofiltration. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6653-6656.	3.2	12
26	Impact of the <i>CYP2C8</i> *3 polymorphism on the drugâ€“drug interaction between gemfibrozil and pioglitazone. <i>British Journal of Clinical Pharmacology</i> , 2013, 75, 217-226.	2.4	50
27	Tenofovir, Emtricitabine, and Tenofovir Diphosphate in Dried Blood Spots for Determining Recent and Cumulative Drug Exposure. <i>AIDS Research and Human Retroviruses</i> , 2013, 29, 384-390.	1.1	257
28	Effect of HIV-1 Infection and Sex on the Cellular Pharmacology of the Antiretroviral Drugs Zidovudine and Lamivudine. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3011-3019.	3.2	12
29	Validation of a sensitive LC/MS/MS method for the determination of zidovudine and lamivudine in human plasma. <i>Biomedical Chromatography</i> , 2012, 26, 12-20.	1.7	18
30	A Population Pharmacokinetic-Pharmacogenetic Analysis of Atazanavir. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 1227-1234.	1.1	39
31	Two Generalizations of the 5/8 Bound on Commutativity in Nonabelian Finite Groups. <i>Mathematics Magazine</i> , 2011, 84, 128-136.	0.1	3
32	Determination of nucleoside analog mono-, di-, and tri-phosphates in cellular matrix by solid phase extraction and ultra-sensitive LCâ€“MS/MS detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 390-401.	2.8	97
33	Pharmacological considerations for tenofovir and emtricitabine to prevent HIV infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 240-250.	3.0	159
34	Teriflunomide encourages cytostatic and apoptotic effects in premalignant and malignant cutaneous keratinocytes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1234-1246.	4.9	12
35	Validation of an LC/MS method for the determination of gemfibrozil in human plasma and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2010, 24, 1300-1308.	1.7	14
36	Effect of Antacids on the Pharmacokinetics of Raltegravir in Human Immunodeficiency Virus-Seronegative Volunteers. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4999-5003.	3.2	49