

Marc Pfister

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130
papers

3,131
citations

28
h-index

52
g-index

146
ext. papers

3,631
ext. citations

4.2
avg, IF

5.16
L-index

#	Paper	IF	Citations
130	Dapagliflozin, a novel, selective SGLT2 inhibitor, improved glycemic control over 2 weeks in patients with type 2 diabetes mellitus. <i>Clinical Pharmacology and Therapeutics</i> , 2009 , 85, 513-9	6.1	294
129	Dapagliflozin, a novel SGLT2 inhibitor, induces dose-dependent glucosuria in healthy subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2009 , 85, 520-6	6.1	256
128	Characterization of renal glucose reabsorption in response to dapagliflozin in healthy subjects and subjects with type 2 diabetes. <i>Diabetes Care</i> , 2013 , 36, 3169-76	14.6	193
127	Dapagliflozin treatment in patients with different stages of type 2 diabetes mellitus: effects on glycaemic control and body weight. <i>Diabetes, Obesity and Metabolism</i> , 2010 , 12, 510-6	6.7	131
126	Population pharmacokinetics and pharmacodynamics of efavirenz, nelfinavir, and indinavir: Adult AIDS Clinical Trial Group Study 398. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 130-7	5.9	114
125	Additive antiproteinuric effect of combined ACE inhibition and angiotensin II receptor blockade. <i>Journal of Hypertension</i> , 2002 , 20, 125-30	1.9	89
124	Differential immunodiagnosis between cystic hydatid disease and other cross-reactive pathologies. <i>American Journal of Tropical Medicine and Hygiene</i> , 1999 , 60, 193-8	3.2	89
123	Daptomycin is highly efficacious against penicillin-resistant and penicillin- and quinolone-resistant pneumococci in experimental meningitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 3928-33	5.9	83
122	The influence of kidney function on dapagliflozin exposure, metabolism and pharmacodynamics in healthy subjects and in patients with type 2 diabetes mellitus. <i>British Journal of Clinical Pharmacology</i> , 2013 , 76, 432-44	3.8	82
121	MON-102 Serum Concentrations of FT4 and TSH in the First Six Months of L-Thyroxine Treatment in Infants with Congenital Hypothyroidism: Target Attainment Rates Should Be Improved. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	78
120	Concepts and challenges in quantitative pharmacology and model-based drug development. <i>AAPS Journal</i> , 2008 , 10, 552-9	3.7	76
119	Effect of Kidney Function on Drug Kinetics and Dosing in Neonates, Infants, and Children. <i>Clinical Pharmacokinetics</i> , 2015 , 54, 1183-204	6.2	70
118	Quantification of apixaban [®] therapeutic utility in prevention of venous thromboembolism: selection of phase III trial dose. <i>Clinical Pharmacology and Therapeutics</i> , 2010 , 88, 375-82	6.1	68
117	Lack of pharmacokinetic interaction between dapagliflozin, a novel sodium-glucose transporter 2 inhibitor, and metformin, pioglitazone, glimepiride or sitagliptin in healthy subjects. <i>Diabetes, Obesity and Metabolism</i> , 2011 , 13, 47-54	6.7	65
116	Model-based meta-analysis for comparative efficacy and safety: application in drug development and beyond. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 90, 766-9	6.1	63
115	Influence of hepatic impairment on the pharmacokinetics and safety profile of dapagliflozin: an open-label, parallel-group, single-dose study. <i>Clinical Therapeutics</i> , 2011 , 33, 1798-808	3.5	61
114	Pharmacometric Approaches to Personalize Use of Primarily Renally Eliminated Antibiotics in Preterm and Term Neonates. <i>Journal of Clinical Pharmacology</i> , 2016 , 56, 909-35	2.9	48

113	Release and Decay Kinetics of Copeptin vs AVP in Response to Osmotic Alterations in Healthy Volunteers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 505-513	5.6	47
112	Proinflammatory effects in experimental mesangial proliferative glomerulonephritis of the immunosuppressive agent SDZ RAD, a rapamycin derivative. <i>Nephron Experimental Nephrology</i> , 2000 , 8, 52-62		45
111	Model-based approach to characterize efavirenz autoinduction and concurrent enzyme induction with carbamazepine. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2346-53	5.9	44
110	Physiologically Based Pharmacokinetic Modeling in Pregnancy: A Systematic Review of Published Models. <i>Clinical Pharmacology and Therapeutics</i> , 2018 , 104, 1110-1124	6.1	40
109	Model-based covariate pharmacokinetic analysis and lack of cortisol suppression by the new inhaled corticosteroid ciclesonide using a novel cortisol release model. <i>American Journal of Therapeutics</i> , 2005 , 12, 385-97	1	36
108	Model-based drug development survey finds pharmacometrics impacting decision making in the pharmaceutical industry. <i>Journal of Clinical Pharmacology</i> , 2010 , 50, 20S-30S	2.9	35
107	Importance of characterizing determinants of variability in exposure: application to dasatinib in subjects with chronic myeloid leukemia. <i>Journal of Clinical Pharmacology</i> , 2008 , 48, 1254-69	2.9	31
106	Model-based exposure-response analysis of apixaban to quantify bleeding risk in special populations of subjects undergoing orthopedic surgery. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2014 , 3, e136	4.5	30
105	Effect of a high-fat meal on the pharmacokinetics of dapagliflozin, a selective SGLT2 inhibitor, in healthy subjects. <i>Diabetes, Obesity and Metabolism</i> , 2011 , 13, 770-3	6.7	30
104	Modeling and simulation of abatacept exposure and interleukin-6 response in support of recommended doses for rheumatoid arthritis. <i>Journal of Clinical Pharmacology</i> , 2007 , 47, 1408-20	2.9	30
103	Modeling and simulation of adherence: approaches and applications in therapeutics. <i>AAPS Journal</i> , 2005 , 7, E390-407	3.7	30
102	Pharmacokinetic modeling and simulation of biweekly subcutaneous immunoglobulin dosing in primary immunodeficiency. <i>Postgraduate Medicine</i> , 2013 , 125, 53-61	3.7	27
101	Effect of coadministration of nelfinavir, indinavir, and saquinavir on the pharmacokinetics of amprenavir. <i>Clinical Pharmacology and Therapeutics</i> , 2002 , 72, 133-41	6.1	27
100	Time-varying belatacept exposure and its relationship to efficacy/safety responses in kidney-transplant recipients. <i>Clinical Pharmacology and Therapeutics</i> , 2012 , 92, 251-7	6.1	25
99	Activities of ertapenem, a new long-acting carbapenem, against penicillin-sensitive or -resistant pneumococci in experimental meningitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 1943-7	5.9	25
98	Physiologically Based Pharmacokinetic Modeling to Characterize Acetaminophen Pharmacokinetics and N-Acetyl-p-Benzoquinone Imine (NAPQI) Formation in Non-Pregnant and Pregnant Women. <i>Clinical Pharmacokinetics</i> , 2020 , 59, 97-110	6.2	24
97	The current role of model-based drug development. <i>Expert Opinion on Drug Discovery</i> , 2010 , 5, 311-21	6.2	23
96	Enhancing Patient Flexibility of Subcutaneous Immunoglobulin G Dosing: Pharmacokinetic Outcomes of Various Maintenance and Loading Regimens in the Treatment of Primary Immunodeficiency. <i>Biologics in Therapy</i> , 2014 , 4, 41-55		22

95	Pharmacokinetics and haemodynamics of candesartan cilexetil in hypertensive patients on regular haemodialysis. <i>British Journal of Clinical Pharmacology</i> , 1999 , 47, 645-51	3.8	22
94	Inhibition of SGLT2: a novel strategy for treatment of type 2 diabetes mellitus. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 89, 621-5	6.1	20
93	Application and impact of population pharmacokinetics in the assessment of antiretroviral pharmacotherapy. <i>Clinical Pharmacokinetics</i> , 2005 , 44, 591-625	6.2	20
92	Enhanced early prediction of clinically relevant neonatal hyperbilirubinemia with machine learning. <i>Pediatric Research</i> , 2019 , 86, 122-127	3.2	19
91	Pharmacometrics and Machine Learning Partner to Advance Clinical Data Analysis. <i>Clinical Pharmacology and Therapeutics</i> , 2020 , 107, 926-933	6.1	19
90	Quantitative Analysis of Gentamicin Exposure in Neonates and Infants Calls into Question Its Current Dosing Recommendations. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	19
89	Neurofilament as Neuronal Injury Blood Marker in Preeclampsia. <i>Hypertension</i> , 2018 , 71, 1178-1184	8.5	19
88	Caffeine Citrate Dosing Adjustments to Assure Stable Caffeine Concentrations in Preterm Neonates. <i>Journal of Pediatrics</i> , 2017 , 191, 50-56.e1	3.6	19
87	A Nonlinear Mixed Effects Pharmacokinetic Model for Dapagliflozin and Dapagliflozin 3-O-glucuronide in Renal or Hepatic Impairment. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2013 , 2, e42	4.5	19
86	Integration of Placental Transfer in a Fetal-Maternal Physiologically Based Pharmacokinetic Model to Characterize Acetaminophen Exposure and Metabolic Clearance in the Fetus. <i>Clinical Pharmacokinetics</i> , 2020 , 59, 911-925	6.2	18
85	Model-based drug development: strengths, weaknesses, opportunities, and threats for broad application of pharmacometrics in drug development. <i>Journal of Clinical Pharmacology</i> , 2010 , 50, 315-465	3.9	18
84	Modeling and simulation for medical product development and evaluation: highlights from the FDA-C-Path-ISOP 2013 workshop. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2014 , 41, 545-52	2.7	16
83	Pharmacokinetic-pharmacodynamic modelling of magnesium plasma concentration and blood pressure in preeclamptic women. <i>Clinical Pharmacokinetics</i> , 2002 , 41, 1105-13	6.2	16
82	Key Components for Antibiotic Dose Optimization of Sepsis in Neonates and Infants. <i>Frontiers in Pediatrics</i> , 2018 , 6, 325	3.4	15
81	Quantifying the impact of nonadherence patterns on exposure to oral immunosuppressants. <i>Therapeutics and Clinical Risk Management</i> , 2011 , 7, 149-56	2.9	14
80	Design, conduct, analysis, and interpretation of clinical studies in patients with impaired kidney function. <i>Journal of Clinical Pharmacology</i> , 2012 , 52, 109S-18S	2.9	14
79	Nitrate induced coronary vasodilatation: differential effects of sublingual application by capsule or spray. <i>Heart</i> , 1998 , 80, 365-9	5.1	14
78	Immunodiagnosis of echinococcosis in cancer patients. <i>Clinical Microbiology and Infection</i> , 1999 , 5, 693-697	3.5	14

77	Causes and Consequences of Variability in Drug Transporter Activity in Pediatric Drug Therapy. <i>Journal of Clinical Pharmacology</i> , 2016 , 56 Suppl 7, S173-92	2.9	14
76	A pharmacometric approach to quantify the impact of chronic kidney disease and hemodialysis on systemic drug exposure: application to saxagliptin. <i>Journal of Clinical Pharmacology</i> , 2012 , 52, 126S-33S	2.9	13
75	Quantitative clinical pharmacology practice for optimal use of antibiotics during the neonatal period. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016 , 12, 367-75	5.5	12
74	Judgment analysis in clinical nephrology. <i>American Journal of Kidney Diseases</i> , 1999 , 34, 569-75	7.4	12
73	Characterizing and Forecasting Individual Weight Changes in Term Neonates. <i>Journal of Pediatrics</i> , 2016 , 173, 101-107.e10	3.6	11
72	Pharmacometric Approaches to Guide Dose Selection of the Novel GPR40 Agonist TAK-875 in Subjects With Type 2 Diabetes Mellitus. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2013 , 2, e22	4.5	11
71	Lack of an effect of human immunodeficiency virus coinfection on the pharmacokinetics of entecavir in hepatitis B virus-infected patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2836-41	5.9	11
70	Optimizing dose selection with modeling and simulation: application to the vasopeptidase inhibitor M100240. <i>Journal of Clinical Pharmacology</i> , 2004 , 44, 621-31	2.9	11
69	Efficacies of BMS 284756 against penicillin-sensitive, penicillin-resistant, and quinolone-resistant pneumococci in experimental meningitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 184-7	5.9	11
68	Optimisation of vancomycin exposure in neonates based on the best level of evidence. <i>Pharmacological Research</i> , 2020 , 154, 104278	10.2	10
67	Model-based approach for optimization of atazanavir dose recommendations for HIV-infected pediatric patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5746-52	5.9	9
66	Modeling of transfer kinetics at the serum-cerebrospinal fluid barrier in rabbits with experimental meningitis: application to grepafloxacin. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 138-43	5.9	9
65	Disease Progression Modeling to Evaluate the Effects of Enzyme Replacement Therapy on Kidney Function in Adult Patients with the Classic Phenotype of Fabry Disease. <i>Kidney and Blood Pressure Research</i> , 2017 , 42, 1-15	3.1	8
64	Validity of mobile electronic data capture in clinical studies: a pilot study in a pediatric population. <i>BMC Medical Research Methodology</i> , 2017 , 17, 163	4.7	8
63	Application of Individualized Bayesian Urea Kinetic Modeling to pediatric hemodialysis. <i>ASAIO Journal</i> , 2010 , 56, 246-53	3.6	8
62	Pharmacodynamic analysis of the microbiological efficacy of telithromycin in patients with community-acquired pneumonia. <i>Clinical Pharmacokinetics</i> , 2005 , 44, 317-29	6.2	8
61	Ambulatory nocturnal oximetry and sleep questionnaire-based findings in 38 patients with end-stage renal disease. <i>Nephrology Dialysis Transplantation</i> , 1999 , 14, 1496-502	4.3	8
60	Guidance to develop individual dose recommendations for patients on chronic hemodialysis. <i>Expert Review of Clinical Pharmacology</i> , 2017 , 10, 737-752	3.8	7

59	Age- and weight-based differences in haemodialysis prescription and delivery in children, adolescents and young adults. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 1649-1660	4.3	7
58	Synergy between scientific advancement and technological innovation, illustrated by a mechanism-based model characterizing sodium-glucose cotransporter-2 inhibition. <i>Journal of Clinical Pharmacology</i> , 2010 , 50, 113S-120S	2.9	7
57	A new Bayesian method to forecast and fine tune individual hemodialysis dose. <i>Hemodialysis International</i> , 2004 , 8, 244-56	1.7	7
56	Elevated carbohydrate antigen 19-9 (CA 19-9) in patients with Echinococcus infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001 , 39, 527-30	5.9	7
55	Characterizing dynamics of serum creatinine and creatinine clearance in extremely low birth weight neonates during the first 6 weeks of life. <i>Pediatric Nephrology</i> , 2021 , 36, 649-659	3.2	7
54	Ivermectin Dosing Strategy to Achieve Equivalent Exposure Coverage in Children and Adults. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 661-667	6.1	6
53	Clinical Pharmacology and Pharmacometrics to Better Understand Physiological Changes During Pregnancy and Neonatal Life. <i>Handbook of Experimental Pharmacology</i> , 2020 , 261, 325-337	3.2	6
52	Subcutaneous immunoglobulin loading regimens for previously untreated patients with primary antibody deficiency. <i>Clinical and Experimental Immunology</i> , 2014 , 178 Suppl 1, 146-8	6.2	6
51	Fostering culture and optimizing organizational structure for implementing model-based drug development. <i>Journal of Clinical Pharmacology</i> , 2010 , 50, 146S-150S	2.9	6
50	Therapeutic Drug Monitoring for Anti-infective Agents in Pediatrics: The Way Forward. <i>Pediatric Infectious Disease Journal</i> , 2016 , 35, 570-2	3.4	6
49	Methadone dosing strategies in preterm neonates can be simplified. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 1348-1356	3.8	5
48	Caffeine preserves quiet sleep in preterm neonates. <i>Pharmacology Research and Perspectives</i> , 2020 , 8, e00596	3.1	5
47	Personalized weight change prediction in the first week of life. <i>Clinical Nutrition</i> , 2019 , 38, 689-696	5.9	5
46	Identifying key predictors of mortality in young patients on chronic haemodialysis-a machine learning approach. <i>Nephrology Dialysis Transplantation</i> , 2021 , 36, 519-528	4.3	5
45	Ultrafiltration rates in children on chronic hemodialysis routinely exceed weight based adult limit. <i>Hemodialysis International</i> , 2019 , 23, 126-128	1.7	4
44	Characterization of Maternal and Neonatal Pharmacokinetic Behavior of Ceftazidime. <i>Journal of Clinical Pharmacology</i> , 2019 , 59, 74-82	2.9	4
43	Dose evaluation of intravenous metamizole (dipyrone) in infants and children: a prospective population pharmacokinetic study. <i>European Journal of Clinical Pharmacology</i> , 2019 , 75, 1491-1502	2.8	4
42	Age-Dependent Changes of Kidney Injury Biomarkers in Pediatrics. <i>Journal of Clinical Pharmacology</i> , 2019 , 59 Suppl 1, S21-S32	2.9	4

41	Pharmacometrics-based decision tools facilitate mHealth implementation. <i>Expert Review of Clinical Pharmacology</i> , 2017 , 10, 39-46	3.8	4
40	Novel dialysis modalities: do we need new metrics to optimize treatment?. <i>Journal of Clinical Pharmacology</i> , 2012 , 52, 72S-8S	2.9	4
39	Optimizing drug development and use in patients with kidney disease: opportunities, innovations, and challenges. <i>Journal of Clinical Pharmacology</i> , 2012 , 52, 4S-6S	2.9	4
38	Age appropriate reference intervals for eight kidney function and injury markers in infants, children and adolescents. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 373-382	5.9	4
37	Understanding Urea Kinetic Factors That Enhance Personalized Hemodialysis Prescription in Children. <i>ASAIO Journal</i> , 2020 , 66, 115-123	3.6	4
36	Amoxicillin Dosing Regimens for the Treatment of Neonatal Sepsis: Balancing Efficacy and Neurotoxicity. <i>Neonatology</i> , 2020 , 117, 619-627	4	4
35	Exploratory Literature Meta-Analysis to Characterize the Relationship Between Early and Longer Term Body Weight Loss for Antiobesity Compounds. <i>Journal of Clinical Pharmacology</i> , 2017 , 57, 52-63	2.9	3
34	Characterizing the dynamic interaction among gastric emptying, glucose absorption, and glycemic control in nondiabetic obese adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 312, R314-R323	3.2	3
33	"Kissing balloon technique" for bilateral iliac artery obstruction in retroperitoneal fibrosis. <i>European Journal of Vascular and Endovascular Surgery</i> , 2000 , 20, 394-6	2.3	3
32	Comparison of Blood Pressure and Kidney Markers between Adolescent Former Preterm Infants and Term Controls. <i>Children</i> , 2020 , 7,	2.8	3
31	Pharmacometric modeling to explore 4F-PCC dosing strategies for VKA reversal in patients with INR below 2. <i>Blood Advances</i> , 2020 , 4, 4208-4216	7.8	3
30	High Acceptability of an Orally Dispersible Tablet Formulation by Children. <i>Children</i> , 2021 , 8,	2.8	3
29	The International Society of Pharmacometrics. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2013 , 40, 3-4	2.7	2
28	Pooled model-based approach to compare the pharmacokinetics of entecavir between Japanese and non-Japanese chronic hepatitis B patients. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011 , 70, 91-100	2.9	2
27	Optimizing drug development and use in patients with kidney disease. <i>Journal of Clinical Pharmacology</i> , 2011 , 51, 628-30	2.9	2
26	Novel dialysis cannulas: are they worth the higher price tag?. <i>American Journal of Kidney Diseases</i> , 2000 , 35, 624-8	7.4	2
25	Pharmacometric Analysis of Tribendimidine Monotherapy and Combination Therapies To Achieve High Cure Rates in Patients with Hookworm Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	2
24	Copeptin Kinetics and Its Relationship to Osmolality During Rehydration for Diabetic Ketoacidosis in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	2

23	Biologic disease modifying antirheumatic drugs and Janus kinase inhibitors in paediatric rheumatology - what we know and what we do not know from randomized controlled trials. <i>Pediatric Rheumatology</i> , 2021 , 19, 46	3.5	2
22	SP735BODY-WEIGHT DEPENDENCY OF UREA KINETIC PARAMETERS IN ADOLESCENT HEMODIALYSIS PATIENTS. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, i339-i340	4.3	2
21	OptiDose: Computing the Individualized Optimal Drug Dosing Regimen Using Optimal Control. <i>Journal of Optimization Theory and Applications</i> , 2021 , 189, 46-65	1.6	2
20	Facilitate Treatment Adjustment After Overdosing: Another Step Toward 21st-Century Medicine. <i>Journal of Clinical Pharmacology</i> , 2017 , 57, 704-711	2.9	1
19	Intensive Hemodiafiltration Successfully Removes Ganciclovir Overdose and Largely Exceeds Reported Elimination During Hemodialysis-A Case Report and Review of the Literature. <i>Frontiers in Pharmacology</i> , 2020 , 11, 882	5.6	1
18	Affiliation between the American Society of Pharmacometrics and the Journal of Pharmacokinetics and Pharmacodynamics. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2012 , 39, 3	2.7	1
17	Population Pharmacokinetics and Exposure-Response Analysis of Tribendimidine To Improve Treatment for Children with Hookworm Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	1
16	Pharmacometrics in Chronic Kidney Disease. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2014 , 109-137	0.5	1
15	Hemodialysis (HD) dose and ultrafiltration rate are associated with survival in pediatric and adolescent patients on chronic HD-a large observational study with follow-up to young adult age. <i>Pediatric Nephrology</i> , 2021 , 36, 2421-2432	3.2	1
14	Serum Creatinine and Serum Cystatin C are Both Relevant Renal Markers to Estimate Vancomycin Clearance in Critically Ill Neonates. <i>Frontiers in Pharmacology</i> , 2021 , 12, 634686	5.6	1
13	Modeling of levothyroxine in newborns and infants with congenital hypothyroidism: challenges and opportunities of a rare disease multi-center study. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2021 , 48, 711-723	2.7	1
12	Characterization of the Population Pharmacokinetics of Moxidectin in Adults Infected with <i>Strongyloides Stercoralis</i> : Support for a Fixed-Dose Treatment Regimen. <i>Clinical Pharmacokinetics</i> , 2021 , 1	6.2	1
11	Pharmacometric analysis linking immunoglobulin exposure to clinical efficacy outcomes in chronic inflammatory demyelinating polyneuropathy. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021 , 10, 839-850	4.5	1
10	Infliximab Treatment Does Not Lead to Full TNF- α Inhibition: A Target-Mediated Drug Disposition Model. <i>Clinical Pharmacokinetics</i> , 2021 , 1	6.2	1
9	Optimizing moxidectin dosing for <i>Strongyloides stercoralis</i> infections: Insights from pharmacometric modeling. <i>Clinical and Translational Science</i> , 2021 ,	4.9	1
8	Creatinine Trends to Detect Ibuprofen-Related Maturation Adverse Drug Events in Neonatal Life: A Simulation Study for the ELBW Newborn. <i>Frontiers in Pharmacology</i> , 2020 , 11, 610294	5.6	0
7	The rhythm of a preterm neonate's life: ultradian oscillations of heart rate, body temperature and sleep cycles. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2021 , 48, 401-410	2.7	0
6	Pharmacometric Analysis of Intranasal and Intravenous Nalbuphine to Optimize Pain Management in Infants.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 837492	3.4	0

- 5 Understanding the Effects of Kidney Disease and Dialysis Treatment on Pharmacotherapy in Children. *Handbook of Experimental Pharmacology*, **2020**, 261, 209-229 3.2
- 4 A SYSTEMS PHARMACOLOGY MODEL TO EXPLAIN DEVELOPMENTAL DIFFERENCES IN SENSITIVITY TO DRUG-INDUCED QT PROLONGATION. *Archives of Disease in Childhood*, **2016**, 101, e1.17-e1 2.2
- 3 NOVEL APP FOR SMARTPHONES AND TABLETS TO OPTIMIZE AND STANDARDIZE DRUG PRESCRIPTIONS IN NEONATES. *Archives of Disease in Childhood*, **2016**, 101, e1.19-e1 2.2
- 2 The American Conference on Pharmacometrics 2013. *Journal of Pharmacokinetics and Pharmacodynamics*, **2013**, 40, 1-1 2.7
- 1 ACoP: the tools, carpenters, and architects building the discipline of pharmacometrics. *Journal of Clinical Pharmacology*, **2010**, 50, 7S-8S 2.9