

Ron A A Mathf

List of Publications by Year in Descending Order

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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.

184 papers	4,656 citations	36 h-index	62 g-index
196 ext. papers	5,423 ext. citations	4.8 avg, IF	5.39 L-index

#	Paper	IF	Citations
184	Design of a Prospective Study on Pharmacokinetic-Guided Dosing of Prophylactic Factor Replacement in Hemophilia A and B (OPTI-CLOT TARGET Study).. <i>TH Open</i> , 2022 , 6, e60-e69	2.7	
183	Serum drug levels and anti-drug antibodies in the context of dose tapering by interval prolongation of adalimumab, etanercept and ustekinumab in psoriasis patients: results of the CONDOR trial.. <i>Journal of Dermatological Treatment</i> , 2022 , 1-5	2.8	0
182	Is pharmacokinetic-guided dosing of desmopressin and von Willebrand factor-containing concentrates in individuals with von Willebrand disease or low von Willebrand factor reliable and feasible? A protocol for a multicentre, non-randomised, open label cohort trial, the OPTI-CLOT: to	3	
181	The association between desmopressin exposure, FVIII response and side effects. <i>Haemophilia</i> , 2021 , 27, e506-e509	3.3	
180	Sedation With Midazolam After Cardiac Surgery in Children With and Without Down Syndrome: A Pharmacokinetic-Pharmacodynamic Study. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, e259-e269	3	0
179	Population pharmacokinetics of the von Willebrand factor-factor VIII interaction in patients with von Willebrand disease. <i>Blood Advances</i> , 2021 , 5, 1513-1522	7.8	0
178	Development and Validation of a Highly Sensitive Liquid Chromatography-Tandem Mass Spectrometry Technique to Determine Levamisole in Plasma and Saliva. <i>Therapeutic Drug Monitoring</i> , 2021 , 43, 279-285	3.2	0
177	Population Pharmacokinetics and Probability of Target Attainment of Different Dosing Regimens of Ceftazidime in Critically Ill Patients with a Proven or Suspected Infection. <i>Antibiotics</i> , 2021 , 10,	4.9	2
176	Validation of a perioperative population factor VIII pharmacokinetic model with a large cohort of pediatric hemophilia a patients. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 4408-4420	3.8	2
175	Current Ceftriaxone Dose Recommendations are Adequate for Most Critically Ill Children: Results of a Population Pharmacokinetic Modeling and Simulation Study. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 1361-1372	6.2	2
174	A Phase Ib Clinical Trial of Metformin and Chloroquine in Patients with -Mutated Solid Tumors. <i>Cancers</i> , 2021 , 13,	6.6	6
173	Evaluation of the pharmacokinetics of prednisolone in paediatric patients with acute lymphoblastic leukaemia treated according to Dutch Childhood Oncology Group protocols and its relation to treatment response. <i>British Journal of Haematology</i> , 2021 , 194, 423-432	4.5	1
172	Pharmacokinetic-Pharmacodynamic Model of Vedolizumab for Targeting Endoscopic Remission in Patients With Crohn Disease: Posthoc Analysis of the LOVE-CD Study. <i>Inflammatory Bowel Diseases</i> , 2021 ,	4.5	1
171	Perioperative pharmacokinetic-guided factor VIII concentrate dosing in haemophilia (OPTI-CLOT trial): an open-label, multicentre, randomised, controlled trial. <i>Lancet Haematology,the</i> , 2021 , 8, e492-e502	11.6	2
170	Individualized dosing guidelines for PEGasparaginase and factors influencing the clearance: a population pharmacokinetic model. <i>Haematologica</i> , 2021 , 106, 1254-1261	6.6	6
169	Modelling of the relationship between infliximab exposure, faecal calprotectin and endoscopic remission in patients with Crohn's disease. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 106-118	3.8	7
168	Why we should sample sparsely and aim for a higher target: Lessons from model-based therapeutic drug monitoring of vancomycin in intensive care patients. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 1234-1242	3.8	1

167	Dosing of factor VIII concentrate by ideal body weight is more accurate in overweight and obese haemophilia A patients. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 2602-2613	3.8	4
166	Does dose reduction of renally cleared antibiotics in patients with impaired renal function lead to adequate drug exposure? A systematic review. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 352-363	9.5	4
165	Efficacy of dashboard driven dosing of infliximab in inflammatory bowel disease patients; a randomized controlled trial. <i>Scandinavian Journal of Gastroenterology</i> , 2021 , 56, 145-154	2.4	19
164	Population Pharmacokinetics of Clotting Factor Concentrates and Desmopressin in Hemophilia. <i>Clinical Pharmacokinetics</i> , 2021 , 60, 1-16	6.2	2
163	Transcapillary escape rate of I-albumin in relation to timing of blood sampling: the need for standardization. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021 , 6, 9	5.8	
162	Wound infection following implant removal of foot, ankle, lower leg or patella; a protocol for a multicenter randomized controlled trial investigating the (cost-)effectiveness of 2g of prophylactic cefazolin compared to placebo (WIFI-2 trial). <i>BMC Surgery</i> , 2021 , 21, 69	2.3	
161	A Phase II Study Demonstrates No Feasibility of Adjuvant Treatment with Six Cycles of S-1 and Oxaliplatin in Resectable Esophageal Adenocarcinoma, with ERCC1 as Biomarker for Response to SOX. <i>Cancers</i> , 2021 , 13,	6.6	1
160	In silico comparison of pharmacokinetic properties of three extended half-life factor IX concentrates. <i>European Journal of Clinical Pharmacology</i> , 2021 , 77, 1193-1200	2.8	1
159	Population pharmacokinetics of infliximab in children with juvenile idiopathic arthritis. <i>Therapeutic Drug Monitoring</i> , 2021 ,	3.2	1
158	Pharmacokinetics of perioperative FVIII in adult patients with haemophilia A: An external validation and development of an alternative population pharmacokinetic model. <i>Haemophilia</i> , 2021 , 27, 974-983	3.3	0
157	Population pharmacokinetic modeling of factor concentrates in hemophilia: an overview and evaluation of best practice. <i>Blood Advances</i> , 2021 , 5, 4314-4325	7.8	0
156	Population pharmacokinetics of subcutaneous infliximab CT-P13 in Crohn's disease and ulcerative colitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2021 , 54, 1309-1319	6.1	5
155	Comparison of the Pharmacokinetic Properties of Extended Half-Life and Recombinant Factor VIII Concentrates by In Silico Simulations. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 731-740	7	3
154	Pharmacodynamic monitoring of factor VIII replacement therapy in hemophilia A: Combining thrombin and plasmin generation. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 3222-3231	15.4	4
153	The value of sorafenib trough levels in patients with advanced hepatocellular carcinoma - a substudy of the SORAMIC trial. <i>Acta Oncologica</i> , 2020 , 59, 1028-1035	3.2	8
152	von Willebrand Factor and Factor VIII Clearance in Perioperative Hemophilia A Patients. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1056-1065	7	2
151	Prediction of Drug Exposure in Critically Ill Encephalopathic Neonates Treated With Therapeutic Hypothermia Based on a Pooled Population Pharmacokinetic Analysis of Seven Drugs and Five Metabolites. <i>Clinical Pharmacology and Therapeutics</i> , 2020 , 108, 1098-1106	6.1	3
150	Optimising the dose of clonidine to achieve sedation in intensive care unit patients with population pharmacokinetics. <i>British Journal of Clinical Pharmacology</i> , 2020 , 86, 1620-1631	3.8	5

149	A Novel Quantitative Method for Analyzing Desmopressin in Human Plasma Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Therapeutic Drug Monitoring</i> , 2020 , 42, 880-885	3.2	1
148	Rapid stromal remodeling by short-term VEGFR2 inhibition increases chemotherapy delivery in esophagogastric adenocarcinoma. <i>Molecular Oncology</i> , 2020 , 14, 704-720	7.9	4
147	One piece of the puzzle: Population pharmacokinetics of FVIII during perioperative Haemate P /Humate P treatment in von Willebrand disease patients. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 295-305	15.4	4
146	Sorafenib for Patients with Hepatocellular Carcinoma and Child-Pugh B Liver Cirrhosis: Lessons Learned from a Terminated Study. <i>Oncologist</i> , 2020 , 25, e1274-e1279	5.7	9
145	Efficacy and safety of FOLFIRINOX as salvage treatment in advanced biliary tract cancer: an open-label, single arm, phase 2 trial. <i>British Journal of Cancer</i> , 2020 , 122, 634-639	8.7	24
144	Pharmacokinetics and population pharmacokinetics in pediatric oncology. <i>Pediatric Blood and Cancer</i> , 2020 , 67, e28132	3	3
143	Population Pharmacokinetics of Ganciclovir in Critically Ill Patients. <i>Therapeutic Drug Monitoring</i> , 2020 , 42, 295-301	3.2	6
142	The effects of fasting on drug metabolism. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020 , 16, 79-85	5.5	9
141	Monitoring of Adalimumab Concentrations at Home in Patients with Inflammatory Bowel Disease Using Dried Blood Samples. <i>Therapeutic Drug Monitoring</i> , 2020 , 42, 289-294	3.2	7
140	Phase II Feasibility and Biomarker Study of Neoadjuvant Trastuzumab and Pertuzumab With Chemoradiotherapy for Resectable Human Epidermal Growth Factor Receptor 2-Positive Esophageal Adenocarcinoma: TRAP Study. <i>Journal of Clinical Oncology</i> , 2020 , 38, 462-471	2.2	21
139	Pharmacokinetic/pharmacodynamic target attainment of ciprofloxacin in adult patients on general wards with adequate and impaired renal function. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106166	14.3	3
138	Population Pharmacokinetic Modeling of von Willebrand Factor Activity in von Willebrand Disease Patients after Desmopressin Administration. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1407-1416	7	2
137	Development and validation of an LC-MS/MS method for simultaneous quantification of co-administered trastuzumab and pertuzumab. <i>MAbs</i> , 2020 , 12, 1795492	6.6	6
136	A Novel, Enriched Population Pharmacokinetic Model for Recombinant Factor VIII-Fc Fusion Protein Concentrate in Hemophilia A Patients. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 747-757	7	4
135	Optimizing Predictive Performance of Bayesian Forecasting for Vancomycin Concentration in Intensive Care Patients. <i>Pharmaceutical Research</i> , 2020 , 37, 171	4.5	1
134	Vedolizumab Induces Endoscopic and Histologic Remission in Patients With Crohn's Disease. <i>Gastroenterology</i> , 2019 , 157, 997-1006.e6	13.3	51
133	Tumor necrosis factor-mediated disposition of infliximab in ulcerative colitis patients. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2019 , 46, 543-551	2.7	3
132	Pharmacokinetics of golimumab in moderate to severe ulcerative colitis: the GO-KINETIC study. <i>Scandinavian Journal of Gastroenterology</i> , 2019 , 54, 700-706	2.4	10

131	Desmopressin treatment combined with clotting factor VIII concentrates in patients with non-severe haemophilia A: protocol for a multicentre single-armed trial, the DAVID study. <i>BMJ Open</i> , 2019 , 9, e022719	3	2
130	External Evaluation of Population Pharmacokinetic Models of Vancomycin in Large Cohorts of Intensive Care Unit Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	24
129	Pharmacokinetic-guided dosing of factor VIII concentrate in a morbidly obese severe haemophilia A patient undergoing orthopaedic surgery. <i>BMJ Case Reports</i> , 2019 , 12,	0.9	1
128	Dried blood samples can support monitoring of infliximab concentrations in patients with inflammatory bowel disease: A clinical validation. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 1544-1551	3.8	18
127	Population Pharmacokinetics with Monte Carlo Simulations of Gentamicin in a Population of Severely Ill Adult Patients from Sub-Saharan Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	3
126	Combining Brain Microdialysis and Translational Pharmacokinetic Modeling to Predict Drug Concentrations in Pediatric Severe Traumatic Brain Injury: The Next Step Toward Evidence-Based Pharmacotherapy?. <i>Journal of Neurotrauma</i> , 2019 , 36, 111-117	5.4	11
125	Clinical Pharmacokinetic and Pharmacodynamic Considerations in the Treatment of Ulcerative Colitis. <i>Clinical Pharmacokinetics</i> , 2019 , 58, 15-37	6.2	46
124	Differential effects of a 40-hour fast and bile acid supplementation on human GLP-1 and FGF19 responses. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E494-E502	6	4
123	832 Dashboard Driven Dosing of Infliximab is Superior to Conventional Treatment in Inflammatory Bowel Disease: the Precision Randomized Controlled Trial. <i>Gastroenterology</i> , 2019 , 156, S-180-S-181	13.3	2
122	Current dosing practices for perioperative factor VIII concentrate treatment in mild haemophilia A patients result in FVIII levels above target. <i>Haemophilia</i> , 2019 , 25, 960-968	3.3	3
121	Efficacy and safety of FOLFIRINOX in advanced biliary tract cancer after failure of gemcitabine plus cisplatin: A phase II trial.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 4086-4086	2.2	7
120	Target site antibiotic concentrations in orthopedic/trauma extremity surgery: is prophylactic cefazolin adequately dosed? A systematic review and meta-analysis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019 , 90, 97-104	4.3	5
119	Prevention of relapses with levamisole as adjuvant therapy in children with a first episode of idiopathic nephrotic syndrome: study protocol for a double blind, randomised placebo-controlled trial (the LEARNs study). <i>BMJ Open</i> , 2019 , 9, e027011	3	10
118	Pharmacokinetics of prednisolone in children: an open-label, randomised, two-treatment cross-over trial investigating the bioequivalence of different prednisolone formulations in children with airway disease. <i>BMJ Paediatrics Open</i> , 2019 , 3, e000520	2.4	2
117	Strategies for Individualized Dosing of Clotting Factor Concentrates and Desmopressin in Hemophilia A and B. <i>Therapeutic Drug Monitoring</i> , 2019 , 41, 192-212	3.2	5
116	Pharmacokinetics and pharmacodynamic target attainment of ceftriaxone in adult severely ill sub-Saharan African patients: a population pharmacokinetic modelling study. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 1620-1629	5.1	15
115	CNS penetration of ART in HIV-infected children. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 484-489	4.9	12
114	Pharmacokinetics and Pharmacodynamic Target Attainment of Benzylpenicillin in an Adult Severely Ill Sub-Saharan African Patient Population. <i>Clinical Infectious Diseases</i> , 2018 , 66, 1261-1269	11.6	2

113	An effective modestly intensive re-induction regimen with bortezomib in relapsed or refractory paediatric acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2018 , 181, 523-527	4.5	8
112	Evaluation of a System-Specific Function To Describe the Pharmacokinetics of Benzylpenicillin in Term Neonates Undergoing Moderate Hypothermia. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	6
111	Explaining Interpatient Variability in Adalimumab Pharmacokinetics in Patients With Crohn's Disease. <i>Therapeutic Drug Monitoring</i> , 2018 , 40, 202-211	3.2	15
110	A phase Ib study of everolimus combined with metformin for patients with advanced cancer. <i>Investigational New Drugs</i> , 2018 , 36, 53-61	4.3	13
109	Population pharmacodynamic modelling of midazolam induced sedation in terminally ill adult patients. <i>British Journal of Clinical Pharmacology</i> , 2018 , 84, 320-330	3.8	13
108	Short-Term Fasting Alters Pharmacokinetics of Cytochrome P450 Probe Drugs: Does Protein Binding Play a Role?. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2018 , 43, 251-257	2.7	6
107	Pharmacokinetic Modelling to Predict FVIII:C Response to Desmopressin and Its Reproducibility in Nonsevere Haemophilia A Patients. <i>Thrombosis and Haemostasis</i> , 2018 , 118, 621-629	7	5
106	Nutritional Status Differentially Alters Cytochrome P450 3A4 (CYP3A4) and Uridine 5'-Diphospho-Glucuronosyltransferase (UGT) Mediated Drug Metabolism: Effect of Short-Term Fasting and High Fat Diet on Midazolam Metabolism. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2018 , 43, 251-257	2.7	5
105	Feasibility study of trastuzumab (T) and pertuzumab (P) added to neoadjuvant chemoradiotherapy (nCRT) in resectable HER2+ esophageal adenocarcinoma (EAC) patients (pts): The TRAP study.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 4057-4057	2.2	3
104	Positioning extended half-life concentrates for future use: a practical proposal. <i>Haemophilia</i> , 2018 , 24, e369-e372	3.3	1
103	Performing and interpreting individual pharmacokinetic profiles in patients with Hemophilia A or B: Rationale and general considerations. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2018 , 2, 535-548	5.1	30
102	Population pharmacokinetics of intravenous clonidine for sedation during paediatric extracorporeal membrane oxygenation and continuous venovenous hemofiltration. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 1227-1239	3.8	19
101	Effect of Short-Term Fasting on Systemic Cytochrome P450-Mediated Drug Metabolism in Healthy Subjects: A Randomized, Controlled, Crossover Study Using a Cocktail Approach. <i>Clinical Pharmacokinetics</i> , 2017 , 56, 1231-1244	6.2	16
100	Hypoalbuminaemia and decreased midazolam clearance in terminally ill adult patients, an inflammatory effect?. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 1701-1712	3.8	15
99	Population pharmacokinetics of intravenous Erwinia asparaginase in pediatric acute lymphoblastic leukemia patients. <i>Haematologica</i> , 2017 , 102, 552-561	6.6	10
98	Golimumab for moderate to severe ulcerative colitis. <i>Expert Review of Gastroenterology and Hepatology</i> , 2017 , 11, 401-406	4.2	6
97	Quantitative Method for Simultaneous Analysis of Acetaminophen and 6 Metabolites. <i>Therapeutic Drug Monitoring</i> , 2017 , 39, 172-179	3.2	3
96	Study protocol of a phase IB/II clinical trial of metformin and chloroquine in patients with -mutated or -mutated solid tumours. <i>BMJ Open</i> , 2017 , 7, e014961	3	55

95	Determinants of gentamicin concentrations in critically ill patients: a population pharmacokinetic analysis. <i>International Journal of Antimicrobial Agents</i> , 2017 , 49, 204-211	14.3	23
94	Population Pharmacokinetics and Dosing Considerations for Gentamicin in Newborns with Suspected or Proven Sepsis Caused by Gram-Negative Bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	9
93	Pharmacokinetics of S-ketamine during prolonged sedation at the pediatric intensive care unit. <i>Paediatric Anaesthesia</i> , 2017 , 27, 1098-1107	1.8	5
92	Paracetamol clinical dosing routine leads to paracetamol underexposure in an adult severely ill sub-Saharan African hospital population: a drug concentration measurement study. <i>BMC Research Notes</i> , 2017 , 10, 671	2.3	3
91	Systemic effects of angiogenesis inhibition alter pharmacokinetics and intratumoral delivery of nab-paclitaxel. <i>Drug Delivery</i> , 2017 , 24, 1801-1810	7	4
90	Pharmacokinetics of dabigatran etexilate and rivaroxaban in patients with short bowel syndrome requiring parenteral nutrition: The PDER PAN study. <i>Thrombosis Research</i> , 2017 , 160, 76-82	8.2	10
89	Therapeutic Drug Monitoring of Gentamicin Peak Concentrations in Critically Ill Patients. <i>Therapeutic Drug Monitoring</i> , 2017 , 39, 522-530	3.2	16
88	Survival analysis of a phase IB/II study of everolimus and metformin for patients with advanced cancer.. <i>Journal of Clinical Oncology</i> , 2017 , 35, e14020-e14020	2.2	
87	Pharmacokinetic-guided dosing of factor VIII concentrate in a patient with haemophilia during renal transplantation. <i>BMJ Case Reports</i> , 2016 , 2016,	0.9	5
86	A population pharmacokinetic model for perioperative dosing of factor VIII in hemophilia A patients. <i>Haematologica</i> , 2016 , 101, 1159-1169	6.6	31
85	Pharmacodynamics and Pharmacokinetics of Morphine After Cardiac Surgery in Children With and Without Down Syndrome. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, 930-938	3	19
84	Quantitative Method for Simultaneous Analysis of a 5-Probe Cocktail for Cytochrome P450 Enzymes. <i>Therapeutic Drug Monitoring</i> , 2016 , 38, 761-768	3.2	9
83	Altered gentamicin pharmacokinetics in term neonates undergoing controlled hypothermia. <i>British Journal of Clinical Pharmacology</i> , 2016 , 81, 1067-77	3.8	23
82	Pharmacokinetics of Morphine, Morphine-3-Glucuronide and Morphine-6-Glucuronide in Terminally Ill Adult Patients. <i>Clinical Pharmacokinetics</i> , 2016 , 55, 697-709	6.2	20
81	Pharmacokinetic Features and Presence of Antidrug Antibodies Associate With Response to Infliximab Induction Therapy in Patients With Moderate to Severe Ulcerative Colitis. <i>Clinical Gastroenterology and Hepatology</i> , 2016 , 14, 251-8.e1-2	6.9	125
80	Pharmacokinetics of midazolam and its metabolites in terminally ill adult patients.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e21506-e21506	2.2	
79	Phase I study of everolimus combined with metformin for patients with advanced cancer.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e14088-e14088	2.2	
78	A short-term high fat diet increases exposure to midazolam and omeprazole in healthy subjects. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016 , 12, 715-20	5.5	10

77	The Effect of Weight and CYP3A5 Genotype on the Population Pharmacokinetics of Tacrolimus in Stable Paediatric Renal Transplant Recipients. <i>Clinical Pharmacokinetics</i> , 2016 , 55, 1129-43	6.2	24
76	Prevalence and Implications of Abnormal Laboratory Results in Patients in the Terminal Phase of Life. <i>Journal of Palliative Medicine</i> , 2016 , 19, 822-9	2.2	7
75	Short-term fasting alters cytochrome P450-mediated drug metabolism in humans. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 819-28	4	21
74	Metformin in patients with advanced pancreatic cancer: a double-blind, randomised, placebo-controlled phase 2 trial. <i>Lancet Oncology</i> , 2015 , 16, 839-47	21.7	251
73	Loss of Infliximab Into Feces Is Associated With Lack of Response to Therapy in Patients With Severe Ulcerative Colitis. <i>Gastroenterology</i> , 2015 , 149, 350-5.e2	13.3	254
72	Medication use during end-of-life care in a palliative care centre. <i>International Journal of Clinical Pharmacy</i> , 2015 , 37, 767-75	2.3	50
71	The "OPTI-CLOT" trial. A randomised controlled trial on periOperative Pharmacokinetic-guided dosing of CLOTting factor concentrate in haemophilia A. <i>Thrombosis and Haemostasis</i> , 2015 , 114, 639-44	7	20
70	Phase II Study on Bortezomib (BTZ) in Multiple Relapsed or Refractory Pediatric Acute Lymphoblastic Leukemia (rALL): High Response Rate with a Modestly Intensive Regimen Including BTZ, Not Related to Pharmacokinetics. <i>Blood</i> , 2015 , 126, 2501-2501	2.2	1
69	Perioperative FVIII Concentrate Treatment in Mild Hemophilia a Patients Shows a High Rate of Overdosing - David/Opti-Clot Studies. <i>Blood</i> , 2015 , 126, 3510-3510	2.2	2
68	Population Pharmacokinetics of Erwinia Asparaginase in Pediatric ALL Patients. <i>Blood</i> , 2015 , 126, 1281-1281		
67	A simple quantitative method analysing amikacin, gentamicin, and vancomycin levels in human newborn plasma using ion-pair liquid chromatography/tandem mass spectrometry and its applicability to a clinical study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 951-952, 110-8	3.2	50
66	Population pharmacokinetics of paracetamol across the human age-range from (pre)term neonates, infants, children to adults. <i>Journal of Clinical Pharmacology</i> , 2014 , 54, 619-29	2.9	31
65	Inadequate vancomycin therapy in term and preterm neonates: a retrospective analysis of trough serum concentrations in relation to minimal inhibitory concentrations. <i>BMC Pediatrics</i> , 2014 , 14, 193	2.6	20
64	Clinical evaluation of vancomycin dosage in pediatric oncology patients. <i>Pediatric Infectious Disease Journal</i> , 2014 , 33, 731-3	3.4	5
63	A phase II randomized, placebo controlled study to evaluate the efficacy of the combination of gemcitabine, erlotinib, and metformin in patients with locally advanced or metastatic pancreatic cancer.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 4021-4021	2.2	3
62	A novel 6-mercaptopurine oral liquid formulation for pediatric acute lymphoblastic leukemia patients - results of a randomized clinical trial. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2014 , 52, 653-62	2	2
61	Targeting Clotting Factor VIII Plasma Values in the Perioperative Setting in Hemophilia a: Tackling a Moving Target (OPTI-CLOT Studies). <i>Blood</i> , 2014 , 124, 5031-5031	2.2	
60	Effect of hypothermia and extracorporeal life support on drug disposition in neonates. <i>Seminars in Fetal and Neonatal Medicine</i> , 2013 , 18, 23-7	3.7	13

59	Pharmacokinetic-pharmacodynamic modeling of the antihypertensive effect of eprosartan in Black and White hypertensive patients. <i>Clinical Pharmacokinetics</i> , 2013 , 52, 793-803	6.2	6
58	Effect of intravenous paracetamol on postoperative morphine requirements in neonates and infants undergoing major noncardiac surgery: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 149-54	27.4	146
57	Nonlinear mixed effects modeling of the diurnal blood pressure profile in a multiracial population. <i>American Journal of Hypertension</i> , 2013 , 26, 1103-13	2.3	7
56	Intra-patient variability in tacrolimus trough concentrations and renal function decline in pediatric renal transplant recipients. <i>Pediatric Transplantation</i> , 2012 , 16, 613-8	1.8	36
55	Pharmacokinetics and pharmacodynamics of medication in asphyxiated newborns during controlled hypothermia. The PharmaCool multicenter study. <i>BMC Pediatrics</i> , 2012 , 12, 45	2.6	36
54	Acute liver failure after recommended doses of acetaminophen in patients with myopathies. <i>Critical Care Medicine</i> , 2011 , 39, 678-82	1.4	17
53	Nonlinear relationship between mycophenolate mofetil dose and mycophenolic acid exposure: implications for therapeutic drug monitoring. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011 , 6, 656-63	6.9	51
52	Therapeutic drug monitoring for the individualization of docetaxel dosing: a randomized pharmacokinetic study. <i>Clinical Cancer Research</i> , 2011 , 17, 353-62	12.9	46
51	Ultrafast selective quantification of methotrexate in human plasma by high-throughput MALDI-isotope dilution mass spectrometry. <i>Bioanalysis</i> , 2011 , 3, 1369-78	2.1	17
50	Sample collection, biobanking, and analysis. <i>Handbook of Experimental Pharmacology</i> , 2011 , 205, 203-17	3.2	4
49	High within-patient variability in the clearance of tacrolimus is a risk factor for poor long-term outcome after kidney transplantation. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 2757-63	4.3	171
48	Pharmacokinetics of cefotaxime and desacetylcefotaxime in infants during extracorporeal membrane oxygenation. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 1734-41	5.9	45
47	Enhanced paracetamol clearance with molecular adsorbents recirculating system (MARS [®]) in severe autointoxication. <i>Blood Purification</i> , 2010 , 30, 118-9	3.1	9
46	Population pharmacokinetics of midazolam and its metabolites during venoarterial extracorporeal membrane oxygenation in neonates. <i>Clinical Pharmacokinetics</i> , 2010 , 49, 407-19	6.2	56
45	Sildenafil exposure in neonates with pulmonary hypertension after administration via a nasogastric tube. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2010 , 95, F109-14	4.7	46
44	Simultaneous assay of sildenafil and desmethylsildenafil in neonatal plasma by ultra-performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2010 , 24, 180-5	1.7	12
43	Differences in clearance of mycophenolic acid among renal transplant recipients, hematopoietic stem cell transplant recipients, and patients with autoimmune disease. <i>Therapeutic Drug Monitoring</i> , 2010 , 32, 606-14	3.2	28
42	Methotrexate-induced side effects are not due to differences in pharmacokinetics in children with Down syndrome and acute lymphoblastic leukemia. <i>Haematologica</i> , 2010 , 95, 1106-13	6.6	58

41	Quantification of midazolam, morphine and metabolites in plasma using 96-well solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2010 , 24, 969-76	1.7	18
40	Quantification of levetiracetam in plasma of neonates by ultra performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 675-81	3.2	28
39	Combination therapy of advanced invasive pulmonary aspergillosis in transiently neutropenic rats using human pharmacokinetic equivalent doses of voriconazole and anidulafungin. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2005-13	5.9	39
38	Microanalysis of beta-lactam antibiotics and vancomycin in plasma for pharmacokinetic studies in neonates. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 75-80	5.9	45
37	Pharmacokinetic role of protein binding of mycophenolic acid and its glucuronide metabolite in renal transplant recipients. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2009 , 36, 541-64	2.7	61
36	Pharmacokinetic modelling of the plasma protein binding of mycophenolic acid in renal transplant recipients. <i>Clinical Pharmacokinetics</i> , 2009 , 48, 463-76	6.2	28
35	Limited sampling strategies for therapeutic drug monitoring of mycophenolate mofetil therapy in patients with autoimmune disease. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 382-90	3.2	27
34	Inosine monophosphate dehydrogenase messenger RNA expression is correlated to clinical outcomes in mycophenolate mofetil-treated kidney transplant patients, whereas inosine monophosphate dehydrogenase activity is not. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 549-56	3.2	22
33	Interpatient variability in IMPDH activity in MMF-treated renal transplant patients is correlated with IMPDH type II 3757T > C polymorphism. <i>Pharmacogenetics and Genomics</i> , 2009 , 19, 626-34	1.9	63
32	Improved assay for the nonradioactive determination of inosine 5'-monophosphate dehydrogenase activity in peripheral blood mononuclear cells. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 351-9	3.2	47
31	Limited sampling strategies drawn within 3 hours postdose poorly predict mycophenolic acid area-under-the-curve after enteric-coated mycophenolate sodium. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 585-91	3.2	24
30	Pharmacokinetics and analgesic effects of intravenous propacetamol vs rectal paracetamol in children after major craniofacial surgery. <i>Paediatric Anaesthesia</i> , 2008 , 18, 582-92	1.8	40
29	Effect of CYP2C19*2 and *17 mutations on pharmacodynamics and kinetics of proton pump inhibitors in Caucasians. <i>British Journal of Clinical Pharmacology</i> , 2008 , 65, 752-60	3.8	67
28	Population pharmacokinetics of mycophenolic acid : a comparison between enteric-coated mycophenolate sodium and mycophenolate mofetil in renal transplant recipients. <i>Clinical Pharmacokinetics</i> , 2008 , 47, 827-38	6.2	66
27	Caspofungin prolongs survival of transiently neutropenic rats with advanced-stage invasive pulmonary aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1345-50	5.9	15
26	Medicinal cannabis does not influence the clinical pharmacokinetics of irinotecan and docetaxel. <i>Oncologist</i> , 2007 , 12, 291-300	5.7	51
25	Time-dependent clearance of mycophenolic acid in renal transplant recipients. <i>British Journal of Clinical Pharmacology</i> , 2007 , 63, 741-52	3.8	56
24	Influence of ketoconazole on the fecal and urinary disposition of docetaxel. <i>Cancer Chemotherapy and Pharmacology</i> , 2007 , 60, 569-79	3.5	13

23	Pharmacokinetics of aztreonam in healthy subjects and patients with cystic fibrosis and evaluation of dose-exposure relationships using monte carlo simulation. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 3049-55	5.9	40
22	Irinotecan chemotherapy during valproic acid treatment: pharmacokinetic interaction and hepatotoxicity. <i>Cancer Biology and Therapy</i> , 2007 , 6, 1368-74	4.6	16
21	Therapeutic drug monitoring of mycophenolic acid: does it improve patient outcome?. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2007 , 3, 251-61	5.5	31
20	Time-dependent clearance decrements of fluvoxamine in depressed inpatients: a clinical evaluation. <i>Journal of Clinical Psychopharmacology</i> , 2007 , 27, 231-3	1.7	1
19	Alternative drug formulations of docetaxel: a review. <i>Anti-Cancer Drugs</i> , 2007 , 18, 95-103	2.4	159
18	Pharmacokinetics of mycophenolate mofetil in hematopoietic stem cell transplant recipients. <i>Therapeutic Drug Monitoring</i> , 2007 , 29, 353-60	3.2	36
17	Influence of high-dose ketoconazole on the pharmacokinetics of docetaxel. <i>Cancer Biology and Therapy</i> , 2006 , 5, 833-9	4.6	33
16	Explaining variability in mycophenolic acid exposure to optimize mycophenolate mofetil dosing: a population pharmacokinetic meta-analysis of mycophenolic acid in renal transplant recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 871-80	12.7	162
15	Caspofungin: antifungal activity in vitro, pharmacokinetics, and effects on fungal load and animal survival in neutropenic rats with invasive pulmonary aspergillosis. <i>Journal of Antimicrobial Chemotherapy</i> , 2006 , 57, 732-40	5.1	43
14	Individualization of mycophenolate mofetil dose in renal transplant recipients. <i>Expert Opinion on Pharmacotherapy</i> , 2006 , 7, 361-76	4	18
13	Within-patient variability of mycophenolic acid exposure: therapeutic drug monitoring from a clinical point of view. <i>Therapeutic Drug Monitoring</i> , 2006 , 28, 31-4	3.2	25
12	Pharmacokinetics and pharmacodynamics of midazolam and metabolites in nonventilated infants after craniofacial surgery. <i>Anesthesiology</i> , 2006 , 105, 1135-46	4.3	48
11	Population pharmacokinetics and pharmacodynamics of nelfinavir and its active metabolite M8 in HIV-1-infected children. <i>Pediatric Infectious Disease Journal</i> , 2006 , 25, 538-43	3.4	10
10	Population pharmacokinetics of mycophenolic acid in renal transplant recipients. <i>Clinical Pharmacokinetics</i> , 2005 , 44, 1083-96	6.2	81
9	Predicting the usefulness of therapeutic drug monitoring of mycophenolic acid: a computer simulation. <i>Therapeutic Drug Monitoring</i> , 2005 , 27, 163-7	3.2	27
8	Cyclosporine interacts with mycophenolic acid by inhibiting the multidrug resistance-associated protein 2. <i>American Journal of Transplantation</i> , 2005 , 5, 987-94	8.7	259
7	Estimation of the glomerular filtration rate in children: which algorithm should be used?. <i>Pediatric Nephrology</i> , 2005 , 20, 1769-75	3.2	28
6	Peginterferon and dose-titrated ribavirin for hepatitis C-associated nephrotic membranoproliferative glomerulonephritis type 1. <i>Digestive Diseases and Sciences</i> , 2005 , 50, 1804-6	4	5

5	Bayesian pharmacokinetically guided dosing of paclitaxel in patients with non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2004 , 10, 2237-44	12.9	35
4	Population pharmacokinetics of cyclosporine in kidney and heart transplant recipients and the influence of ethnicity and genetic polymorphisms in the MDR-1, CYP3A4, and CYP3A5 genes. <i>Clinical Pharmacology and Therapeutics</i> , 2004 , 76, 545-56	6.1	128
3	Mycophenolic acid in diabetic renal transplant recipients: pharmacokinetics and application of a limited sampling strategy. <i>Therapeutic Drug Monitoring</i> , 2004 , 26, 620-5	3.2	37
2	Optimal sampling strategies to assess inulin clearance in children by the inulin single-injection method. <i>Clinical Chemistry</i> , 2003 , 49, 1170-9	5.5	25
1	Impact of goal-oriented and model-based clinical pharmacokinetic dosing of aminoglycosides on clinical outcome: a cost-effectiveness analysis. <i>Therapeutic Drug Monitoring</i> , 1999 , 21, 63-73	3.2	180