

# Pieter Annaert

## 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.

185  
papers

5,936  
citations

46  
h-index

69  
g-index

198  
ext. papers

6,852  
ext. citations

4.5  
avg, IF

5.71  
L-index

#	Paper	IF	Citations
185	Predicting model-informed precision dosing: a test-case in tacrolimus dose adaptation for kidney transplant recipients.. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2022</b> ,	4.5	1
184	Meropenem Target Attainment and Population Pharmacokinetics in Critically Ill Septic Patients with Preserved or Increased Renal Function.. <i>Infection and Drug Resistance</i> , <b>2022</b> , 15, 53-62	4.2	0
183	Biomarkers of cholestasis. <i>Biomarkers in Medicine</i> , <b>2021</b> , 15, 437-454	2.3	2
182	A comprehensive review on non-clinical methods to study transfer of medication into breast milk - A contribution from the ConcePTION project. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 136, 111038	7.5	7
181	Meropenem Stability in Human Plasma at -20 °C: Detailed Assessment of Degradation. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	5
180	Pharmacokinetic/Pharmacodynamic Target Attainment Based on Measured versus Predicted Unbound Ceftriaxone Concentrations in Critically Ill Patients with Pneumonia: An Observational Cohort Study. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	2
179	Letter to the Editor regarding: Ceftriaxone exposure in patients undergoing extracorporeal membrane oxygenation. <i>International Journal of Antimicrobial Agents</i> , <b>2021</b> , 57, 106326	14.3	1
178	Spatiotemporal imaging and pharmacokinetics of fluorescent compounds in zebrafish eleuthero-embryos after different routes of administration. <i>Scientific Reports</i> , <b>2021</b> , 11, 12229	4.9	1
177	Meropenem Pharmacokinetics and Target Attainment in Critically Ill Patients Are Not Affected by Extracorporeal Membrane Oxygenation: A Matched Cohort Analysis. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	3
176	Identification of novel inhibitors of rat Mrp3. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 162, 105813	5.1	1
175	Population pharmacokinetics of propofol in neonates and infants: Gestational and postnatal age to determine clearance maturation. <i>British Journal of Clinical Pharmacology</i> , <b>2021</b> , 87, 2089-2097	3.8	1
174	Ontogeny of Hepatic Transporters and Drug-Metabolizing Enzymes in Humans and in Nonclinical Species. <i>Pharmacological Reviews</i> , <b>2021</b> , 73, 597-678	22.5	19
173	Glomerular Filtration Rate in Asphyxiated Neonates Under Therapeutic Whole-Body Hypothermia, Quantified by Mannitol Clearance. <i>Clinical Pharmacokinetics</i> , <b>2021</b> , 60, 897-906	6.2	1
172	Current knowledge, challenges and innovations in developmental pharmacology: A combined conect4children Expert Group and European Society for Developmental, Perinatal and Paediatric Pharmacology White Paper. <i>British Journal of Clinical Pharmacology</i> , <b>2021</b> ,	3.8	3
171	Quantification and Explanation of the Variability of First-Dose Amikacin Concentrations in Critically Ill Patients Admitted to the Emergency Department: A Population Pharmacokinetic Analysis. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , <b>2021</b> , 46, 653-663	2.7	1
170	A Population Pharmacokinetic Modeling and Simulation Study of Posaconazole Oral Suspension in Immunocompromised Pediatric Patients: A Short Communication. <i>Therapeutic Drug Monitoring</i> , <b>2021</b> , 43, 512-518	3.2	3
169	Bosentan Alters Endo- and Exogenous Bile Salt Disposition in Sandwich-Cultured Human Hepatocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2021</b> , 379, 20-32	4.7	1

168	Concomitant Treatment with Voriconazole and Flucloxacillin: A Combination to Avoid. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	1
167	Determination of tacrolimus, three mono-demethylated metabolites and a M1 tautomer in human whole blood by liquid chromatography - tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 205, 114296	3.5	0
166	Pharmacokinetics and pharmacodynamics of sildenafil in fetal lambs on extracorporeal support. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 143, 112161	7.5	1
165	Drug-induced cholestasis assay in primary hepatocytes. <i>MethodsX</i> , <b>2020</b> , 7, 101080	1.9	4
164	A Physiology-Based Pharmacokinetic Framework to Support Drug Development and Dose Precision During Therapeutic Hypothermia in Neonates. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 587	5.6	12
163	Robustness testing and optimization of an adverse outcome pathway on cholestatic liver injury. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 1151-1172	5.8	15
162	Non-canonical roles of connexins. <i>Progress in Biophysics and Molecular Biology</i> , <b>2020</b> , 153, 35-41	4.7	7
161	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> , <b>2020</b> , 59, 911-925	6.2	18
160	Quantitative determination of colistin A/B and colistin methanesulfonate in biological samples using hydrophilic interaction chromatography tandem mass spectrometry. <i>Drug Testing and Analysis</i> , <b>2020</b> , 12, 1183-1195	3.5	4
159	The Neonatal and Juvenile Pig in Pediatric Drug Discovery and Development. <i>Pharmaceutics</i> , <b>2020</b> , 13,	6.4	9
158	A sensitive liquid chromatography method for analysis of propofol in small volumes of neonatal blood. <i>Journal of Clinical Pharmacy and Therapeutics</i> , <b>2020</b> , 45, 128-133	2.2	2
157	Favipiravir at high doses has potent antiviral activity in SARS-CoV-2-infected hamsters, whereas hydroxychloroquine lacks activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 26955-26965	11.5	138
156	Approaches to Dose Finding in Neonates, Illustrating the Variability between Neonatal Drug Development Programs. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	11
155	Cholestasis Differentially Affects Liver Connexins. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
154	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> , <b>2020</b> , 59, 97-110	6.2	24
153	LC-MS/MS Analysis of Bile Acids in In Vitro Samples. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1981, 15-23	1.4	2
152	Vesicle- and Hepatocyte-Based Assays for Identification of Drug Candidates Inhibiting BSEP Function. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1981, 55-73	1.4	1
151	Detection of Drug-Induced Cholestasis Potential in Sandwich-Cultured Human Hepatocytes. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1981, 335-350	1.4	3

150	Transplacental transport of paracetamol and its phase II metabolites using the ex vivo placenta perfusion model. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 370, 14-23	4.6	14
149	Safety Assessment of Compounds after In Vitro Metabolic Conversion Using Zebrafish Eleuthero Embryos. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
148	Mechanisms and in vitro models of drug-induced cholestasis. <i>Archives of Toxicology</i> , <b>2019</b> , 93, 1169-1186	5.8	16
147	In vivo CYP3A4 activity does not predict the magnitude of interaction between itraconazole and tacrolimus from an extended release formulation. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2019</b> , 124, 50-55	3.1	2
146	Novel natural and synthetic inhibitors of solute carriers SGLT1 and SGLT2. <i>Pharmacology Research and Perspectives</i> , <b>2019</b> , 7, e00504	3.1	5
145	Current insights in the complexities underlying drug-induced cholestasis. <i>Critical Reviews in Toxicology</i> , <b>2019</b> , 49, 520-548	5.7	13
144	Non-clinical Models to Determine Drug Passage into Human Breast Milk. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 534-548	3.3	8
143	Primary hepatocytes and their cultures for the testing of drug-induced liver injury. <i>Advances in Pharmacology</i> , <b>2019</b> , 85, 1-30	5.7	10
142	Connexin and Pannexin (Hemi)Channels: Emerging Targets in the Treatment of Liver Disease. <i>Hepatology</i> , <b>2019</b> , 69, 1317-1323	11.2	12
141	Effect of Cryopreservation on Enzyme and Transporter Activities in Suspended and Sandwich Cultured Rat Hepatocytes. <i>AAPS Journal</i> , <b>2018</b> , 20, 33	3.7	3
140	MRP2 Inhibition by HIV Protease Inhibitors in Rat and Human Hepatocytes: A Quantitative Confocal Microscopy Study. <i>Drug Metabolism and Disposition</i> , <b>2018</b> , 46, 697-703	4	9
139	Metabolism of the synthetic cannabinoids AMB-CHMICA and 5C-AKB48 in pooled human hepatocytes and rat hepatocytes analyzed by UHPLC-(IMS)-HR-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1083, 189-197	3.2	15
138	Extra collagen overlay prolongs the differentiated phenotype in sandwich-cultured rat hepatocytes. <i>Journal of Pharmacological and Toxicological Methods</i> , <b>2018</b> , 90, 31-38	1.7	5
137	On the Role of Illness Duration and Nutrient Restriction in Cholestatic Alterations that Occur During Critical Illness. <i>Shock</i> , <b>2018</b> , 50, 187-198	3.4	10
136	Human tissue-engineered skeletal muscle: a novel 3D in vitro model for drug disposition and toxicity after intramuscular injection. <i>Scientific Reports</i> , <b>2018</b> , 8, 12206	4.9	26
135	Drug-induced Cholestasis: Mechanisms, Models, and Markers. <i>Current Drug Metabolism</i> , <b>2018</b> , 19, 808-813	3.5	22
134	Glycine Formation Drives Bile Acid Toxicity in Sandwich-Cultured Human Hepatocytes. <i>FASEB Journal</i> , <b>2018</b> , 32, lb647	0.9	
133	Dynamic Culturing of Rat Hepatocytes in Sandwich-Configuration Enhances and Maintains Formation of Biliary Networks. <i>FASEB Journal</i> , <b>2018</b> , 32, lb653	0.9	

132	Higher versus standard amikacin single dose in emergency department patients with severe sepsis and septic shock: a randomised controlled trial. <i>International Journal of Antimicrobial Agents</i> , <b>2018</b> , 51, 562-570	14.3	15
131	Metabolism of the synthetic cannabinoid 5F-PY-PICA by human and rat hepatocytes and identification of biliary analytical targets by directional efflux in sandwich-cultured rat hepatocytes using UHPLC-HR-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 149, 296-307	3.5	6
130	Sildenafil crosses the placenta at therapeutic levels in a dually perfused human cotyledon model. <i>American Journal of Obstetrics and Gynecology</i> , <b>2018</b> , 219, 619.e1-619.e10	6.4	17
129	Antenatal sildenafil administration to prevent pulmonary hypertension in congenital diaphragmatic hernia (SToP-PH): study protocol for a phase I/IIb placenta transfer and safety study. <i>Trials</i> , <b>2018</b> , 19, 524	2.8	17
128	Relationship between In Vivo CYP3A4 Activity, CYP3A5 Genotype, and Systemic Tacrolimus Metabolite/Parent Drug Ratio in Renal Transplant Recipients and Healthy Volunteers. <i>Drug Metabolism and Disposition</i> , <b>2018</b> , 46, 1507-1513	4	10
127	Omics-based responses induced by bosentan in human hepatoma HepaRG cell cultures. <i>Archives of Toxicology</i> , <b>2018</b> , 92, 1939-1952	5.8	21
126	Strategies for Determining Correct Cytochrome P450 Contributions in Hepatic Clearance Predictions: In Vitro-In Vivo Extrapolation as Modelling Approach and Tramadol as Proof-of-Concept Compound. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , <b>2017</b> , 42, 537-543	2.7	2
125	Effect of ABCB1 diplotype on tacrolimus disposition in renal recipients depends on CYP3A5 and CYP3A4 genotype. <i>Pharmacogenomics Journal</i> , <b>2017</b> , 17, 556-562	3.5	11
124	Determinants of the Magnitude of Interaction Between Tacrolimus and Voriconazole/Posaconazole in Solid Organ Recipients. <i>American Journal of Transplantation</i> , <b>2017</b> , 17, 2372-2380	8.7	40
123	Response to: Bodyweight-adjustments introduce significant correlations between CYP3A metrics and tacrolimus clearance <i>British Journal of Clinical Pharmacology</i> , <b>2017</b> , 83, 1353-1356	3.8	3
122	Integration and validation of the ex vivo human placenta perfusion model. <i>Journal of Pharmacological and Toxicological Methods</i> , <b>2017</b> , 88, 25-31	1.7	23
121	Fexofenadine, a Putative In Vivo P-glycoprotein Probe, Fails to Predict Clearance of the Substrate Tacrolimus in Renal Recipients. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 102, 989-996	6.1	7
120	Effect of the Direct Oral Anticoagulants Rivaroxaban and Apixaban on the Disposition of Calcineurin Inhibitors in Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , <b>2017</b> , 39, 77-82	3.2	29
119	Inter-Subject Variability in OCT1 Activity in 27 Batches of Cryopreserved Human Hepatocytes and Association with OCT1 mRNA Expression and Genotype. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 1309-1319	4.5	3
118	Role of the OATP Transporter Family and a Benzbromarone-Sensitive Efflux Transporter in the Hepatocellular Disposition of Vincristine. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 2336-2348	4.5	6
117	Pretransplant 4βhydroxycholesterol does not predict tacrolimus exposure or dose requirements during the first days after kidney transplantation. <i>British Journal of Clinical Pharmacology</i> , <b>2017</b> , 83, 2406-2415	3.8	10
116	Systemic availability and metabolism of colonic-derived short-chain fatty acids in healthy subjects: a stable isotope study. <i>Journal of Physiology</i> , <b>2017</b> , 595, 541-555	3.9	140
115	Cell Imaging Counting as a Novel Ex Vivo Approach for Investigating Drug-Induced Hepatotoxicity in Zebrafish Larvae. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	7

114	Comparative performance of oral midazolam clearance and plasma 4-hydroxycholesterol to explain interindividual variability in tacrolimus clearance. <i>British Journal of Clinical Pharmacology</i> , <b>2016</b> , 82, 1539-1549	3.8	20
113	Metabolism-Based Drug-Drug Interactions in Critically Ill Patients: Clinical Relevance and Predictability of In Vitro Systems <b>2016</b> , 1-48		
112	In vitro and in vivo investigation of the gastrointestinal behavior of simvastatin. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 510, 296-303	6.5	13
111	Transport-Metabolism Interplay of Atazanavir in Rat Hepatocytes. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 389-97	4	4
110	Clinical determinants of calcineurin inhibitor disposition: a mechanistic review. <i>Drug Metabolism Reviews</i> , <b>2016</b> , 48, 88-112	7	82
109	Modeling the Time Course of the Tissue Responses to Intramuscular Long-acting Paliperidone Palmitate Nano-/Microcrystals and Polystyrene Microspheres in the Rat. <i>Toxicologic Pathology</i> , <b>2016</b> , 44, 189-210	2.1	19
108	Effect of Age on The Hepatocellularity Number for Wistar rats. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 366-9	4	1
107	SLC22A1/OCT1 Genotype Affects O-desmethyltramadol Exposure in Newborn Infants. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38, 487-92	3.2	14
106	Pharmacokinetics of Posaconazole Oral Suspension in Children Dosed According to Body Surface Area. <i>Pediatric Infectious Disease Journal</i> , <b>2016</b> , 35, 183-8	3.4	28
105	Hepatic Clearance Prediction of Nine Human Immunodeficiency Virus Protease Inhibitors in Rat. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 846-853	3.9	4
104	Clearance Prediction of HIV Protease Inhibitors in Man: Role of Hepatic Uptake. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 854-863	3.9	13
103	High Inpatient Variability of Tacrolimus Concentrations Predicts Accelerated Progression of Chronic Histologic Lesions in Renal Recipients. <i>American Journal of Transplantation</i> , <b>2016</b> , 16, 2954-2963	8.7	78
102	Drug-induced cholestasis risk assessment in sandwich-cultured human hepatocytes. <i>Toxicology in Vitro</i> , <b>2016</b> , 34, 179-186	3.6	53
101	The effect of macrophage and angiogenesis inhibition on the drug release and absorption from an intramuscular sustained-release paliperidone palmitate suspension. <i>Journal of Controlled Release</i> , <b>2016</b> , 230, 95-108	11.7	21
100	The Effect of Food on the Intraluminal Behavior of Abiraterone Acetate in Man. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 2974-2981	3.9	28
99	Posaconazole plasma exposure correlated to intestinal mucositis in allogeneic stem cell transplant patients. <i>European Journal of Clinical Pharmacology</i> , <b>2016</b> , 72, 953-63	2.8	16
98	Lipophilic nalmefene prodrugs to achieve a one-month sustained release. <i>Journal of Controlled Release</i> , <b>2016</b> , 232, 196-202	11.7	6
97	The FXR agonist obeticholic acid prevents gut barrier dysfunction and bacterial translocation in cholestatic rats. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 409-19	5.8	123

96	Intestinal behavior of the ester prodrug tenofovir DF in humans. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 485, 131-7	6.5	18
95	Physiologically Based Pharmacokinetic Predictions of Tramadol Exposure Throughout Pediatric Life: an Analysis of the Different Clearance Contributors with Emphasis on CYP2D6 Maturation. <i>AAPS Journal</i> , <b>2015</b> , 17, 1376-87	3.7	26
94	In vitro disposition profiling of heterocyclic compounds. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 491, 78-90	6.5	2
93	Investigation of Saliva as an Alternative to Plasma Monitoring of Voriconazole. <i>Clinical Pharmacokinetics</i> , <b>2015</b> , 54, 1151-60	6.2	10
92	Drug-induced cholestasis detection in cryopreserved rat hepatocytes in sandwich culture. <i>Journal of Pharmacological and Toxicological Methods</i> , <b>2015</b> , 73, 63-71	1.7	19
91	Multimodal non-linear optical imaging for the investigation of drug nano-/microcrystal-cell interactions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 96, 338-48	5.7	13
90	In vivo evaluation of different formulation strategies for sustained release injectables of a poorly soluble HIV protease inhibitor. <i>Journal of Controlled Release</i> , <b>2015</b> , 199, 1-9	11.7	3
89	Evaluation of fasted state human intestinal fluid as apical solvent system in the Caco-2 absorption model and comparison with FaSSiF. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 67, 126-135	5.1	28
88	Physiology-based IVIVE predictions of tramadol from in vitro metabolism data. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 260-74	4.5	17
87	Age-dependent activity of the uptake transporters Ntcp and Oatp1b2 in male rat hepatocytes: from birth till adulthood. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 1-8	4	16
86	In situ perfusion in rodents to explore intestinal drug absorption: challenges and opportunities. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 478, 665-81	6.5	48
85	Verapamil hepatic clearance in four preclinical rat models: towards activity-based scaling. <i>Biopharmaceutics and Drug Disposition</i> , <b>2015</b> , 36, 462-80	1.7	8
84	Unbound ritonavir concentrations in rat and human hepatocytes. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 2378-87	3.9	7
83	Evaluation of fasted and fed state simulated and human intestinal fluids as solvent system in the Ussing chambers model to explore food effects on intestinal permeability. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 478, 736-44	6.5	34
82	Rapid conversion of the ester prodrug abiraterone acetate results in intestinal supersaturation and enhanced absorption of abiraterone: in vitro, rat in situ and human in vivo studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 90, 1-7	5.7	50
81	Influence of formulation composition and process on the characteristics and in vitro release from PLGA-based sustained release injectables. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 90, 22-9	5.7	8
80	Primary Hepatocytes in Sandwich Culture. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1250, 175-88	1.4	14
79	A review of drug solubility in human intestinal fluids: implications for the prediction of oral absorption. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 57, 322-32	5.1	137

78	Hepatocyte-based in vitro model for assessment of drug-induced cholestasis. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 274, 124-36	4.6	67
77	Intramuscular administration of paliperidone palmitate extended-release injectable microsuspension induces a subclinical inflammatory reaction modulating the pharmacokinetics in rats. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 2072-2087	3.9	57
76	Human and simulated intestinal fluids as solvent systems to explore food effects on intestinal solubility and permeability. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 63, 178-86	5.1	35
75	Confocal imaging with a fluorescent bile acid analogue closely mimicking hepatic taurocholate disposition. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 1872-81	3.9	37
74	Protein-binding characteristics of voriconazole determined by high-throughput equilibrium dialysis. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 2565-70	3.9	24
73	Impact of hypoalbuminemia on voriconazole pharmacokinetics in critically ill adult patients. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 6782-9	5.9	34
72	Toxicity and intracellular accumulation of bile acids in sandwich-cultured rat hepatocytes: role of glycine conjugates. <i>Toxicology in Vitro</i> , <b>2014</b> , 28, 218-30	3.6	34
71	Hepatobiliary and intestinal elimination of darunavir in an integrated preclinical rat model. <i>Xenobiotica</i> , <b>2014</b> , 44, 489-97	2	3
70	Synthesis and Early ADME Evaluation of a Novel Scaffold, Tetrahydro-6H-pyrido[3,2-b]azepin-6-one. <i>Synlett</i> , <b>2014</b> , 25, 1443-1447	2.2	2
69	Site dependent intestinal absorption of darunavir and its interaction with ketoconazole. <i>European Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 49, 51-6	5.1	8
68	Biopharmaceutical profiling of a pyrido[4,3-d] pyrimidine compound library. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 455, 19-30	6.5	7
67	Solubility profiling of HIV protease inhibitors in human intestinal fluids. <i>Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 102, 3800-7	3.9	24
66	Drug disposition and clinical practice in neonates: cross talk between developmental physiology and pharmacology. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 452, 8-13	6.5	35
65	Albumin is the main plasma binding protein for indoxyl sulfate and p-cresyl sulfate. <i>Biopharmaceutics and Drug Disposition</i> , <b>2013</b> , 34, 165-75	1.7	79
64	PXR/CYP3A4-humanized mice for studying drug-drug interactions involving intestinal P-glycoprotein. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 1056-62	5.6	23
63	Structure-based identification of OATP1B1/3 inhibitors. <i>Molecular Pharmacology</i> , <b>2013</b> , 83, 1257-67	4.3	97
62	Exploring food effects on indinavir absorption with human intestinal fluids in the mouse intestine. <i>European Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 49, 27-32	5.1	33
61	Sandwich-cultured hepatocytes: utility for in vitro exploration of hepatobiliary drug disposition and drug-induced hepatotoxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2013</b> , 9, 589-616	5.5	94



60	Pharmacokinetic profile of voriconazole in a critically ill patient on therapeutic plasma exchange. <i>Therapeutic Drug Monitoring</i> , <b>2013</b> , 35, 141-3	3.2	6
59	Boosting of HIV protease inhibitors by ritonavir in the intestine: the relative role of cytochrome P450 and P-glycoprotein inhibition based on Caco-2 monolayers versus in situ intestinal perfusion in mice. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 1473-7	4	47
58	Supersaturation in human gastric fluids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2012</b> , 81, 184-9	5.7	46
57	Drug precipitation-permeation interplay: supersaturation in an absorptive environment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2012</b> , 82, 424-8	5.7	89
56	Stability of therapeutic albumin solutions used for molecular adsorbent recirculating system-based liver dialysis. <i>Artificial Organs</i> , <b>2012</b> , 36, 29-41	2.6	6
55	Effect of pH and comedication on gastrointestinal absorption of posaconazole: monitoring of intraluminal and plasma drug concentrations. <i>Clinical Pharmacokinetics</i> , <b>2011</b> , 50, 725-34	6.2	98
54	Food-dependent disintegration of immediate release fosamprenavir tablets: in vitro evaluation using magnetic resonance imaging and a dynamic gastrointestinal system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2011</b> , 77, 313-9	5.7	69
53	Excipient-mediated supersaturation stabilization in human intestinal fluids. <i>Molecular Pharmaceutics</i> , <b>2011</b> , 8, 564-70	5.6	109
52	Ordered Mesoporous Silica for the Delivery of Poorly Soluble Drugs <b>2011</b> , 203-219		3
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35	Interaction of eight HIV protease inhibitors with the canalicular efflux transporter ABCC2 (MRP2) in sandwich-cultured rat and human hepatocytes. <i>Biopharmaceutics and Drug Disposition</i> , <b>2010</b> , 31, 178-88	1.7	26
34	Validation of a differential in situ perfusion method with mesenteric blood sampling in rats for intestinal drug interaction profiling. <i>Biopharmaceutics and Drug Disposition</i> , <b>2010</b> , 31, 278-85	1.7	16
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29	Pharmacokinetics of caspofungin and voriconazole in critically ill patients during extracorporeal membrane oxygenation. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2009</b> , 63, 767-70	5.1	96
28	Formulate-ability of ten compounds with different physicochemical profiles in SMEDDS. <i>European Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 38, 479-88	5.1	51
27	Ordered mesoporous silica material SBA-15: a broad-spectrum formulation platform for poorly soluble drugs. <i>Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 98, 2648-58	3.9	212
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23	In Vitro Screening Models to Assess Intestinal Drug Absorption and Metabolism <b>2008</b> , 182-215		23
22	Cellular accumulation of cholyl-glycylamido-fluorescein in sandwich-cultured rat hepatocytes: kinetic characterization, transport mechanisms, and effect of human immunodeficiency virus protease inhibitors. <i>Drug Metabolism and Disposition</i> , <b>2008</b> , 36, 1315-21	4	30
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1	Nelfinavir markedly improves lung pathology in SARS-CoV-2-infected Syrian hamsters despite lack of an antiviral effect		4