

Jrgen Burhenne

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195
papers

5,515
citations

45
h-index

66
g-index

201
ext. papers

6,355
ext. citations

5.2
avg, IF

5.38
L-index

#	Paper	IF	Citations
195	Binding of Fluoroquinolone Carboxylic Acid Derivatives to Clay Minerals. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 1459-1463	5.7	221
194	CYP2C19 genotype is a major factor contributing to the highly variable pharmacokinetics of voriconazole. <i>Journal of Clinical Pharmacology</i> , 2009 , 49, 196-204	2.9	150
193	Pharmacokinetics, metabolism and bioavailability of the triazole antifungal agent voriconazole in relation to CYP2C19 genotype. <i>British Journal of Clinical Pharmacology</i> , 2009 , 68, 906-15	3.8	133
192	Substantial pharmacokinetic interaction between digoxin and ritonavir in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2004 , 76, 73-84	6.1	127
191	Potent cytochrome P450 2C19 genotype-related interaction between voriconazole and the cytochrome P450 3A4 inhibitor ritonavir. <i>Clinical Pharmacology and Therapeutics</i> , 2006 , 80, 126-35	6.1	114
190	Development of capillary electrophoresis methods for the analysis of fluoroquinolones and application to the study of the influence of humic substances on their photodegradation in aqueous phase. <i>Journal of Chromatography A</i> , 1999 , 837, 253-265	4.5	107
189	Expanding the chemical scope of RNA:methyltransferases to site-specific alkylation of RNA for click labeling. <i>Nucleic Acids Research</i> , 2011 , 39, 1943-52	20.1	105
188	Opposite effects of short-term and long-term St John's wort intake on voriconazole pharmacokinetics. <i>Clinical Pharmacology and Therapeutics</i> , 2005 , 78, 25-33	6.1	100
187	Contribution of increased oral bioavailability and reduced nonglomerular renal clearance of digoxin to the digoxin-clarithromycin interaction. <i>British Journal of Clinical Pharmacology</i> , 2003 , 56, 32-8	3.8	98
186	Voriconazole concentration in human aqueous humor and plasma during topical or combined topical and systemic administration for fungal keratitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 239-44	5.9	96
185	Detection of RNA modifications. <i>RNA Biology</i> , 2010 , 7, 237-47	4.8	95
184	Importance of ethnicity, CYP2B6 and ABCB1 genotype for efavirenz pharmacokinetics and treatment outcomes: a parallel-group prospective cohort study in two sub-Saharan Africa populations. <i>PLoS ONE</i> , 2013 , 8, e67946	3.7	88
183	Long-term efavirenz autoinduction and its effect on plasma exposure in HIV patients. <i>Clinical Pharmacology and Therapeutics</i> , 2010 , 88, 676-84	6.1	86
182	High plasma efavirenz level and CYP2B6*6 are associated with efavirenz-based HAART-induced liver injury in the treatment of naïve HIV patients from Ethiopia: a prospective cohort study. <i>Pharmacogenomics Journal</i> , 2012 , 12, 499-506	3.5	86
181	Primary photoproducts and half-lives. <i>Environmental Science and Pollution Research</i> , 1997 , 4, 10-5	5.1	86
180	IL411 Is a Metabolic Immune Checkpoint that Activates the AHR and Promotes Tumor Progression. <i>Cell</i> , 2020 , 182, 1252-1270.e34	56.2	84
179	Clinical feasibility of dried blood spots: Analytics, validation, and applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 130, 231-243	3.5	79

178	In vitro assessment of methylene blue on chloroquine-sensitive and -resistant Plasmodium falciparum strains reveals synergistic action with artemisinin. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 4592-7	5.9	78
177	Methylene blue for malaria in Africa: results from a dose-finding study in combination with chloroquine. <i>Malaria Journal</i> , 2006 , 5, 84	3.6	76
176	Pharmacogenetic & pharmacokinetic biomarker for efavirenz based ARV and rifampicin based anti-TB drug induced liver injury in TB-HIV infected patients. <i>PLoS ONE</i> , 2011 , 6, e27810	3.7	73
175	Accumulation of the solvent vehicle sulphobutylether beta cyclodextrin sodium in critically ill patients treated with intravenous voriconazole under renal replacement therapy. <i>BMC Clinical Pharmacology</i> , 2006 , 6, 6		73
174	High absolute bioavailability of methylene blue given as an aqueous oral formulation. <i>European Journal of Clinical Pharmacology</i> , 2009 , 65, 179-89	2.8	72
173	Pharmacokinetic and pharmaceutic interaction between digoxin and Cremophor RH40. <i>Clinical Pharmacology and Therapeutics</i> , 2003 , 73, 397-405	6.1	70
172	Determining the time course of CYP3A inhibition by potent reversible and irreversible CYP3A inhibitors using A limited sampling strategy. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 90, 666-73	6.1	68
171	Preparation and structure of high-chlorinated bornane derivatives for the quantification of toxaphene residues in environmental samples. <i>Fresenius Journal of Analytical Chemistry</i> , 1993 , 346, 779-785		68
170	Effect of rifampicin and CYP2B6 genotype on long-term efavirenz autoinduction and plasma exposure in HIV patients with or without tuberculosis. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 90, 406-13	6.1	66
169	A nanogram dose of the CYP3A probe substrate midazolam to evaluate drug interactions. <i>Clinical Pharmacology and Therapeutics</i> , 2013 , 93, 564-71	6.1	65
168	Dose-dependent increase of saquinavir bioavailability by the pharmaceutic aid cremophor EL. <i>British Journal of Clinical Pharmacology</i> , 2002 , 53, 576-81	3.8	64
167	Spectroscopic characterization of environmentally relevant C10-chloroterpenes from a photochemically modified toxaphene standard. <i>Fresenius Journal of Analytical Chemistry</i> , 1995 , 351, 271-285		64
166	Pharmacokinetics of sulfobutylether-beta-cyclodextrin and voriconazole in patients with end-stage renal failure during treatment with two hemodialysis systems and hemodiafiltration. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2596-602	5.9	63
165	Pharmacokinetic interaction of chloroquine and methylene blue combination against malaria. <i>European Journal of Clinical Pharmacology</i> , 2004 , 60, 709-15	2.8	63
164	Aprepitant, granisetron, and dexamethasone for prevention of chemotherapy-induced nausea and vomiting after high-dose melphalan in autologous transplantation for multiple myeloma: results of a randomized, placebo-controlled phase III trial. <i>Journal of Clinical Oncology</i> , 2014 , 32, 3413-20	2.2	58
163	Isolation and structural elucidation of polar photometabolites. <i>Environmental Science and Pollution Research</i> , 1997 , 4, 61-7	5.1	57
162	GS-13-Final results of a multicenter, open-label phase 2 clinical trial (MYR203) to assess safety and efficacy of myrcludex B in cwith PEG-interferon Alpha 2a in patients with chronic HBV/HDV co-infection. <i>Journal of Hepatology</i> , 2019 , 70, e81	13.4	54
161	Trimethoprim-metformin interaction and its genetic modulation by OCT2 and MATE1 transporters. <i>British Journal of Clinical Pharmacology</i> , 2013 , 76, 787-96	3.8	54

160	Modulators of very low voriconazole concentrations in routine therapeutic drug monitoring. <i>Therapeutic Drug Monitoring</i> , 2011 , 33, 86-93	3.2	54
159	Safety of the methylene blue plus chloroquine combination in the treatment of uncomplicated falciparum malaria in young children of Burkina Faso [ISRCTN27290841]. <i>Malaria Journal</i> , 2005 , 4, 45	3.6	54
158	Aberrant expression of retinoic acid signaling molecules influences patient survival in astrocytic gliomas. <i>American Journal of Pathology</i> , 2011 , 178, 1953-64	5.8	52
157	Electrospray tandem mass spectroscopic characterisation of 18 antiretroviral drugs and simultaneous quantification of 12 antiretrovirals in plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 2704-16	2.2	51
156	CYP3A5 genotype has an impact on the metabolism of the HIV protease inhibitor saquinavir. <i>Clinical Pharmacology and Therapeutics</i> , 2007 , 81, 708-12	6.1	49
155	Long-term effect of efavirenz autoinduction on plasma/peripheral blood mononuclear cell drug exposure and CD4 count is influenced by UGT2B7 and CYP2B6 genotypes among HIV patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2350-61	5.1	48
154	Midazolam microdose to determine systemic and pre-systemic metabolic CYP3A activity in humans. <i>British Journal of Clinical Pharmacology</i> , 2015 , 79, 278-85	3.8	47
153	Quantification of femtomolar concentrations of the CYP3A substrate midazolam and its main metabolite 1 α -hydroxymidazolam in human plasma using ultra performance liquid chromatography coupled to tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 2439-50	4.4	46
152	Association of the CYP3A5 A6986G (CYP3A5*3) polymorphism with saquinavir pharmacokinetics. <i>British Journal of Clinical Pharmacology</i> , 2004 , 58, 443-4	3.8	46
151	A multifunctional bioconjugate module for versatile photoaffinity labeling and click chemistry of RNA. <i>Nucleic Acids Research</i> , 2011 , 39, 7348-60	20.1	45
150	Quantification of cationic anti-malaria agent methylene blue in different human biological matrices using cation exchange chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 863, 273-82	3.2	45
149	Safety of the combination of chloroquine and methylene blue in healthy adult men with G6PD deficiency from rural Burkina Faso. <i>Tropical Medicine and International Health</i> , 2005 , 10, 32-8	2.3	45
148	Sildenafil preserves lung endothelial function and prevents pulmonary vascular remodeling in a rat model of diastolic heart failure. <i>Circulation: Heart Failure</i> , 2011 , 4, 198-206	7.6	44
147	Effect of simultaneous induction and inhibition of CYP3A by St John's Wort and ritonavir on CYP3A activity. <i>Clinical Pharmacology and Therapeutics</i> , 2010 , 87, 191-6	6.1	43
146	Liver enzyme abnormalities and associated risk factors in HIV patients on efavirenz-based HAART with or without tuberculosis co-infection in Tanzania. <i>PLoS ONE</i> , 2012 , 7, e40180	3.7	40
145	Ritonavir increases loperamide plasma concentrations without evidence for P-glycoprotein involvement. <i>Clinical Pharmacology and Therapeutics</i> , 2001 , 70, 405-14	6.1	40
144	Influence of sildenafil and tadalafil on the enzyme- and transporter-inducing effects of bosentan and ambrisentan in LS180 cells. <i>Biochemical Pharmacology</i> , 2013 , 85, 265-73	6	39
143	Induction of voriconazole metabolism by rifampin in a patient with acute myeloid leukemia: importance of interdisciplinary communication to prevent treatment errors with complex medications. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 3455-6	5.9	39

142	Identification, Biosynthesis, and Decapping of NAD-Capped RNAs in <i>B. Subtilis</i> . <i>Cell Reports</i> , 2018 , 24, 1890-1901.e8	10.6	38
141	CYP3A activity in severe liver cirrhosis correlates with Child-Pugh and model for end-stage liver disease (MELD) scores. <i>British Journal of Clinical Pharmacology</i> , 2014 , 77, 160-9	3.8	38
140	Polar photodegradation products of quinolones determined by HPLC/MS/MS. <i>Chemosphere</i> , 1999 , 38, 1279-1286	8.4	38
139	Bile salt-phospholipid conjugate ursodeoxycholyl lysophosphatidylethanolamide as a hepatoprotective agent. <i>Hepatology</i> , 2009 , 50, 143-54	11.2	37
138	Monitoring of lopinavir and ritonavir in peripheral blood mononuclear cells, plasma, and ultrafiltrate using a selective and highly sensitive LC/MS/MS assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 850, 249-58	3.2	37
137	Voriconazole brain tissue levels in rhinocerebral aspergillosis in a successfully treated young woman. <i>International Journal of Antimicrobial Agents</i> , 2006 , 28, 262-5	14.3	37
136	Safety of voriconazole in a patient with CYP2C9*2/CYP2C9*2 genotype. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 3227-8	5.9	36
135	Pharmacogenetic and pharmacokinetic aspects of CYP3A induction by efavirenz in HIV patients. <i>Pharmacogenomics Journal</i> , 2013 , 13, 484-9	3.5	35
134	Theoretical consideration of the structural variety in the toxaphene mixture taking into account recent experimental results. <i>Chemosphere</i> , 1994 , 28, 245-252	8.4	35
133	Efficacy of methylene blue monotherapy in semi-immune adults with uncomplicated falciparum malaria: a controlled trial in Burkina Faso. <i>Tropical Medicine and International Health</i> , 2010 , 15, 713-7	2.3	34
132	Influence of lipid lowering fibrates on P-glycoprotein activity in vitro. <i>Biochemical Pharmacology</i> , 2004 , 67, 285-92	6	34
131	Steady-state pharmacokinetics and metabolism of voriconazole in patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 2592-9	5.1	32
130	Simultaneous quantification of direct oral anticoagulants currently used in anticoagulation therapy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 148, 238-244	3.5	27
129	Undeclared exposure to St. John's Wort in hospitalized patients. <i>British Journal of Clinical Pharmacology</i> , 2004 , 58, 437-41	3.8	27
128	Dose-Dependent Bioavailability and CYP3A Inhibition Contribute to Non-Linear Pharmacokinetics of Voriconazole. <i>Clinical Pharmacokinetics</i> , 2016 , 55, 1535-1545	6.2	27
127	Isolation and characterization of environmental relevant single toxaphene components. <i>Chemosphere</i> , 1993 , 27, 1857-1863	8.4	26
126	Effect of the CYP3A inhibitor ketoconazole on the PXR-mediated induction of CYP3A activity. <i>European Journal of Clinical Pharmacology</i> , 2013 , 69, 507-13	2.8	25
125	Turquoise to dark green organs at autopsy. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2009 , 454, 341-4	5.1	25

124	Interaction of ambrisentan with clarithromycin and its modulation by polymorphic SLCO1B1. <i>European Journal of Clinical Pharmacology</i> , 2013 , 69, 1785-93	2.8	24
123	Oral contraception does not alter single dose saquinavir pharmacokinetics in women. <i>British Journal of Clinical Pharmacology</i> , 2004 , 57, 244-52	3.8	24
122	HRGC-ECD and HRGC-NICI SIM quantification of toxaphene residues in selected marine organism by environmentally relevant chlorobornanes as standard. <i>Chemosphere</i> , 1994 , 28, 237-243	8.4	24
121	Concentration effect relationship of CYP3A inhibition by ritonavir in humans. <i>European Journal of Clinical Pharmacology</i> , 2013 , 69, 1795-800	2.8	23
120	Drug interaction of efavirenz and midazolam: efavirenz activates the CYP3A-mediated midazolam 1 α -hydroxylation in vitro. <i>Drug Metabolism and Disposition</i> , 2012 , 40, 1178-82	4	23
119	Pharmacokinetics, tissue concentrations, and safety of the antifungal agent voriconazole in chickens 2008 , 22, 199-207		23
118	Dried-Blood-Spot Technique to Monitor Direct Oral Anticoagulants: Clinical Validation of a UPLC-MS/MS-Based Assay. <i>Analytical Chemistry</i> , 2018 , 90, 9395-9402	7.8	22
117	No evidence for induction of ABC transporters in peripheral blood mononuclear cells in humans after 14 days of efavirenz treatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 4185-91	5.9	22
116	Structure elucidation of the three most important toxaphene congeners by X-ray analysis. <i>Chemosphere</i> , 1994 , 28, 2067-2074	8.4	22
115	Cytochrome P450 enzyme-mediated drug metabolism at exposure to acute hypoxia (corresponding to an altitude of 4,500 m). <i>European Journal of Clinical Pharmacology</i> , 2005 , 61, 39-46	2.8	21
114	A proof of concept phase I/II pilot trial of LSD1 inhibition by tranilcypromine combined with ATRA in refractory/relapsed AML patients not eligible for intensive therapy. <i>Leukemia</i> , 2021 , 35, 701-711	10.7	21
113	Vorinostat in refractory soft tissue sarcomas - Results of a multi-centre phase II trial of the German Soft Tissue Sarcoma and Bone Tumour Working Group (AIO). <i>European Journal of Cancer</i> , 2016 , 64, 74-82	7.5	20
112	Analysis of methylene blue in human urine by capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 826, 244-51	3.2	20
111	High Accumulation of Metformin in Colonic Tissue of Subjects With Diabetes or the Metabolic Syndrome. <i>Gastroenterology</i> , 2018 , 154, 1543-1545	13.3	19
110	The NK1 receptor antagonist aprepitant does not alter the pharmacokinetics of high-dose melphalan chemotherapy in patients with multiple myeloma. <i>British Journal of Clinical Pharmacology</i> , 2010 , 70, 903-7	3.8	19
109	Cation exchange resins as pharmaceutical carriers for methylene blue: binding and release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 69, 582-7	5.7	19
108	Dried Blood Spot Technique for the Monitoring of Ambrisentan, Bosentan, Sildenafil, and Tadalafil in Patients with Pulmonary Arterial Hypertension. <i>Analytical Chemistry</i> , 2015 , 87, 12112-20	7.8	18
107	Pharmacokinetic and pharmacogenomic modelling of the CYP3A activity marker 4 β -hydroxycholesterol during efavirenz treatment and efavirenz/rifampicin co-treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 3311-9	5.1	18

106	Sulphobutylether-beta-cyclodextrin accumulation in critically ill patients with acute kidney injury treated with intravenous voriconazole under extended daily dialysis. <i>International Journal of Antimicrobial Agents</i> , 2010 , 36, 93-4	14.3	18
105	Cellular uptake kinetics of bortezomib in relation to efficacy in myeloma cells and the influence of drug transporters. <i>Cancer Chemotherapy and Pharmacology</i> , 2015 , 75, 281-91	3.5	17
104	Marked differences in the prevalence of chloroquine resistance between urban and rural communities in Burkina Faso. <i>Acta Tropica</i> , 2008 , 105, 81-6	3.2	17
103	Highly sensitive determination of saquinavir in biological samples using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 784, 233-42	3.2	17
102	Is there a need to increase the dose of efavirenz during concomitant rifampicin-based antituberculosis therapy in sub-Saharan Africa? The HIV-TB pharmagene study. <i>Pharmacogenomics</i> , 2015 , 16, 1047-64	2.6	16
101	Clarithromycin substantially increases steady-state bosentan exposure in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2014 , 77, 141-8	3.8	16
100	Efavirenz treatment and false-positive results in benzodiazepine screening tests. <i>Clinical Infectious Diseases</i> , 2009 , 48, 1787-9	11.6	16
99	Plasma Drug Concentrations in Patients with Pulmonary Arterial Hypertension on Combination Treatment. <i>Respiration</i> , 2017 , 94, 26-37	3.7	15
98	The effect of induction of CYP3A4 by St John's wort on ambrisentan plasma pharmacokinetics in volunteers of known CYP2C19 genotype. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015 , 116, 423-8	3.1	15
97	The application of P-gp inhibiting phospholipids as novel oral bioavailability enhancers - An in vitro and in vivo comparison. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 108, 13-22	5.1	14
96	Poor solubility limiting significance of in-vitro studies with HIV protease inhibitors. <i>Aids</i> , 2002 , 16, 674-6	3.5	14
95	Autoinhibitory properties of the parent but not of the N-oxide metabolite contribute to infusion rate-dependent voriconazole pharmacokinetics. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 1954-1965	3.8	13
94	A physiologically based pharmacokinetic and pharmacodynamic (PBPK/PD) model of the histone deacetylase (HDAC) inhibitor vorinostat for pediatric and adult patients and its application for dose specification. <i>Cancer Chemotherapy and Pharmacology</i> , 2017 , 80, 1013-1026	3.5	13
93	Prevalence and risk factors for efavirenz-based antiretroviral treatment-associated severe vitamin D deficiency: A prospective cohort study. <i>Medicine (United States)</i> , 2016 , 95, e4631	1.8	12
92	Quantification of vorinostat and its main metabolites in plasma and intracellular vorinostat in PBMCs by liquid chromatography coupled to tandem mass spectrometry and its relation to histone deacetylase activity in human blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 964, 212-21	3.2	12
91	Successful treatment with voriconazole of Aspergillus brain abscess in a boy with medulloblastoma. <i>Pediatric Blood and Cancer</i> , 2007 , 49, 203-7	3	12
90	Rivaroxaban and macitentan can be coadministered without dose adjustment but the combination of rivaroxaban and St John's wort should be avoided. <i>British Journal of Clinical Pharmacology</i> , 2018 , 84, 2903-2913	3.8	12
89	Simultaneous quantification of endothelin receptor antagonists and phosphodiesterase 5 inhibitors currently used in pulmonary arterial hypertension. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 143, 291-298	3.5	11

88	Perpetrator effects of ciclosporin (P-glycoprotein inhibitor) and its combination with fluconazole (CYP3A inhibitor) on the pharmacokinetics of rivaroxaban in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 1528-1537	3.8	11
87	Rapid and Sensitive Drug Quantification in Tissue Sections Using Matrix Assisted Laser Desorption Ionization-Ion Mobility-Mass Spectrometry Profiling. <i>Journal of the American Society for Mass Spectrometry</i> , 2020 , 31, 742-751	3.5	11
86	Retinoid resistance and multifaceted impairment of retinoic acid synthesis in glioblastoma. <i>Glia</i> , 2015 , 63, 1850-9	9	11
85	Rapid Target Analysis for Pesticides in Water by Online Coated Capillary Microextraction Combined with Liquid Chromatography and Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2000 , 83, 762-770	1.7	11
84	The role of biotic and abiotic degradation processes during the formation of typical toxaphene peak patterns in aquatic biota. <i>Chemosphere</i> , 1999 , 39, 563-8	8.4	11
83	Influence of St. John's wort on the steady-state pharmacokinetics and metabolism of bosentan. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2014 , 52, 328-36	2	11
82	Prolonged-Release Tacrolimus Is Less Susceptible to Interaction With the Strong CYP3A Inhibitor Voriconazole in Healthy Volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 1290-1298	6.1	10
81	Cellular pharmacokinetic/pharmacodynamic relationship of platinum cytostatics in head and neck squamous cell carcinoma evaluated by liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 341, 51-8	4.7	10
80	Simultaneous determination of hypericin and hyperforin in human plasma with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 813, 27-33	3.2	10
79	Quantification of retinoid concentrations in human serum and brain tumor tissues. <i>Analytica Chimica Acta</i> , 2012 , 725, 57-66	6.6	9
78	Semisimultaneous Midazolam Administration to Evaluate the Time Course of CYP3A Activation by a Single Oral Dose of Efavirenz. <i>Journal of Clinical Pharmacology</i> , 2017 , 57, 899-905	2.9	8
77	Substantial Impairment of Voriconazole Clearance by High-Dose Meropenem in a Patient With Renal Failure. <i>Clinical Infectious Diseases</i> , 2017 , 65, 1033-1036	11.6	8
76	Quantification of microdosed oral yohimbine and its major metabolite in human plasma in the picogram range. <i>Bioanalysis</i> , 2019 , 11, 1459-1467	2.1	8
75	Ceritinib-Induced Regression of an Insulin-Like Growth Factor-Driven Neuroepithelial Brain Tumor. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
74	Microdosed Cocktail of Three Oral Factor Xa Inhibitors to Evaluate Drug-Drug Interactions with Potential Perpetrator Drugs. <i>Clinical Pharmacokinetics</i> , 2019 , 58, 1155-1163	6.2	8
73	Ultrasensitive quantification of the CYP2E1 probe chlorzoxazone and its main metabolite 6-hydroxychlorzoxazone in human plasma using ultra performance liquid chromatography coupled to tandem mass spectrometry after chlorzoxazone microdosing. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1427, 227-18	3.2	8
72	Stability of the proteasome inhibitor bortezomib in cell based assays determined by ultra-high performance liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1345, 128-38	4.5	8
71	Substantially increased sildenafil bioavailability after sublingual administration in children with congenital heart disease: two case reports. <i>Journal of Medical Case Reports</i> , 2014 , 8, 171	1.2	8

70	Comparative bioavailability of the microemulsion formulation of cyclosporine (Neoral) with a generic dispersion formulation (Cicloral) in young healthy male volunteers. <i>Therapeutic Drug Monitoring</i> , 2006 , 28, 312-20	3.2	8
69	Fluvoxamine affects sildenafil kinetics and dynamics. <i>Journal of Clinical Psychopharmacology</i> , 2005 , 25, 589-92	1.7	8
68	Rapid drug detection in whole blood droplets using a desorption electrospray ionization static profiling approach - a proof-of-concept. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8614	2.2	8
67	Rapid and Sensitive Quantification of Osimertinib in Human Plasma Using a Fully Validated MALDI-IM-MS/MS Assay. <i>Cancers</i> , 2020 , 12,	6.6	8
66	Long-Term Effect of Rifampicin-Based Anti-TB Regimen Coadministration on the Pharmacokinetic Parameters of Efavirenz and 8-Hydroxy-Efavirenz in Ethiopian Patients. <i>Journal of Clinical Pharmacology</i> , 2016 , 56, 1538-1549	2.9	8
65	Phase I/II intra-patient dose escalation study of vorinostat in children with relapsed solid tumor, lymphoma, or leukemia. <i>Clinical Epigenetics</i> , 2019 , 11, 188	7.7	8
64	Unexpected excessive apixaban exposure: case report of a patient with polymorphisms of multiple apixaban elimination pathways. <i>BMC Pharmacology & Toxicology</i> , 2019 , 20, 53	2.6	7
63	Systematic identification of suspected anthelmintic benzimidazole metabolites using LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 151, 151-158	3.5	7
62	Safety and Activity of the Combination of Ceritinib and Dasatinib in Osteosarcoma. <i>Cancers</i> , 2020 , 12,	6.6	7
61	Ultra-sensitive and selective quantification of endothelin-1 in human plasma using ultra-performance liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 142, 84-90	3.5	6
60	Intracellular vorinostat accumulation and its relationship to histone deacetylase activity in soft tissue sarcoma patients. <i>Cancer Chemotherapy and Pharmacology</i> , 2017 , 80, 433-439	3.5	6
59	Population Pharmacokinetic Model Linking Plasma and Peripheral Blood Mononuclear Cell Concentrations of Efavirenz and Its Metabolite, 8-Hydroxy-Efavirenz, in HIV Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	6
58	Cyclic guanosine monophosphate modulates accumulation of phosphodiesterase 5 inhibitors in human platelets. <i>Biochemical Pharmacology</i> , 2017 , 145, 54-63	6	6
57	Application of a microdosed cocktail of 3 oral factor Xa inhibitors to study drug-drug interactions with different perpetrator drugs. <i>British Journal of Clinical Pharmacology</i> , 2020 , 86, 1632-1641	3.8	6
56	An ultra-sensitive UHPLC-MS/MS assay for the quantification of orally administered vancomycin in plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 174, 633-638	3.5	6
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