

Jrgen Burhenne

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.

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	Important Requirements for the Selection of Internal Standards during the Development of Desorption/Ionization Assays for Drug Quantification in Biological Matrices-A Practical Example.. <i>Molecules</i> , 2022 , 27,	4.8	1
194	Low Exposure to Direct Oral Anticoagulants Is Associated with Ischemic Stroke and Its Severity.. <i>Journal of Stroke</i> , 2022 , 24, 88-97	5.6	1
193	Evaluation of CYP2C19 activity using microdosed oral omeprazole in humans.. <i>European Journal of Clinical Pharmacology</i> , 2022 , 1	2.8	
192	MYCN mediates cysteine addiction and sensitizes neuroblastoma to ferroptosis.. <i>Nature Cancer</i> , 2022 , 3, 471-485	15.4	0
191	Analytical Performance Evaluation of New DESI Enhancements for Targeted Drug Quantification in Tissue Sections. <i>Pharmaceuticals</i> , 2022 , 15, 694	5.2	1
190	LGG-25. The first-in-class ERK inhibitor ulixertinib (BVD-523) shows activity in MAPK-driven pediatric low-grade glioma models as single agent and in combination with MEK inhibitors or senolytics. <i>Neuro-Oncology</i> , 2022 , 24, i93-i93	1	
189	Early or deferred initiation of efavirenz during rifampicin-based TB therapy has no significant effect on CYP3A induction in TB-HIV infected patients. <i>British Journal of Pharmacology</i> , 2021 , 178, 3294-3308	8.6	2
188	Approaching Sites of Action of Temozolomide for Pharmacological and Clinical Studies in Glioblastoma.. <i>Biomedicines</i> , 2021 , 10,	4.8	2
187	Does the circulating ketoconazole metabolite N-deacetyl ketoconazole contribute to the drug-drug interaction potential of the parent compound?. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 169, 106076	5.1	1
186	Desorption/Ionization-MS Methods for Drug Quantification in Biological Matrices and Their Validation Following Regulatory Guidance. <i>Analytical Chemistry</i> , 2021 , 93, 7152-7163	7.8	6
185	Intact plasma quantification of the large therapeutic lipopeptide bulevirtide. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 5645-5654	4.4	0
184	Clomethiazole inhibits cytochrome P450 2E1 and improves alcoholic liver disease. <i>Gut</i> , 2021 ,	19.2	1
183	Bioanalysis of selinexor in mouse plasma micro-samples utilizing UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1176, 122781	3.2	1
182	Rapid and Sensitive Quantification of Intracellular Glycyl-Sarcosine for Semi-High-Throughput Screening for Inhibitors of PEPT-1. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
181	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
180	Absolute Bioavailability of Microdosed Midazolam After Buccal Administration Is Dependent on Buccal Exposure Time. <i>Journal of Clinical Pharmacology</i> , 2021 , 61, 472-479	2.9	3
179	Application of triple quadrupole tandem mass spectrometry to the bioanalysis of collision-induced dissociation-resistant cyclic peptides - Ultra-sensitive quantification of the somatostatin-analog pasireotide utilizing UHPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 194, 113728	3.5	1

178	Application of Microdosed Intravenous Omeprazole to Determine Hepatic CYP2C19 Activity. <i>Journal of Clinical Pharmacology</i> , 2021 , 61, 789-798	2.9	1
177	Pharmacoenhancement of Low Crizotinib Plasma Concentrations in Patients with Anaplastic Lymphoma Kinase-Positive Non-Small Cell Lung Cancer using the CYP3A Inhibitor Cobicistat. <i>Clinical and Translational Science</i> , 2021 , 14, 487-491	4.9	4
176	Approaching sites of action of drugs in clinical pharmacology: New analytical options and their challenges. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 858-874	3.8	5
175	Rapid MALDI-MS Assays for Drug Quantification in Biological Matrices: Lessons Learned, New Developments, and Future Perspectives. <i>Molecules</i> , 2021 , 26,	4.8	5
174	Differential Effect of a Continental Breakfast on Tacrolimus Formulations With Different Release Characteristics. <i>Clinical Pharmacology in Drug Development</i> , 2021 , 10, 899-907	2.3	0
173	Perpetrator Characteristics of Azole Antifungal Drugs on Three Oral Factor Xa Inhibitors Administered as a Microdosed Cocktail. <i>Clinical Pharmacokinetics</i> , 2021 , 1	6.2	1
172	Ultra-sensitive bioanalysis of the therapeutic peptide exenatide for accurate pharmacokinetic analyses at effective plasma concentrations utilizing UPLC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2020 , 10, 233-239	14	3
171	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
170	Impact of Population and Pharmacogenetics Variations on Efavirenz Pharmacokinetics and Immunologic Outcomes During Anti-Tuberculosis Co-Therapy: A Parallel Prospective Cohort Study in Two Sub-Sahara African Populations. <i>Frontiers in Pharmacology</i> , 2020 , 11, 26	5.6	3
169	Impact of pantoprazole on absorption and disposition of hydroxychloroquine, a drug used in Corona Virus Disease-19 (Covid-19): A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020 , 21, 584	2.8	0
168	Advances in Clinical Pharmacology: Rapid Detection of Small Molecules in Solid Samples at Atmospheric Pressure Using Desorption Electrospray Ionization. <i>OMICS A Journal of Integrative Biology</i> , 2020 , 24, 53-54	3.8	2
167	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
166	Post-extraction disulfide bond cleavage for MS/MS quantification of collision-induced dissociation-resistant cystine-cyclized peptides and its application to the ultra-sensitive UPLC-MS/MS bioanalysis of octreotide in plasma. <i>Analytica Chimica Acta</i> , 2020 , 1114, 42-49	6.6	3
165	Ultra-sensitive quantification of the therapeutic cyclic peptide bremelanotide utilizing UHPLC-MS/MS for evaluation of its oral plasma pharmacokinetics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 186, 113276	3.5	2
164	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
163	Midazolam Pharmacokinetics in Obese and Non-obese Children and Adolescents. <i>Clinical Pharmacokinetics</i> , 2020 , 59, 643-654	6.2	3
162	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
161	Development and Validation of an LC-MS-Based Quantification Assay for New Therapeutic Antibodies: Application to a Novel Therapy against Herpes Simplex Virus. <i>ACS Omega</i> , 2020 , 5, 24329-24339	3.9	2

160	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
159	New Insights Into the Pharmacokinetics of Vancomycin After Oral and Intravenous Administration: An Investigation in Beagle Dogs. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 2090-2094	3.9	2
158	Safety and Activity of the Combination of Ceritinib and Dasatinib in Osteosarcoma. <i>Cancers</i> , 2020 , 12,	6.6	7
157	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
156	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
155	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
154	Simultaneous phenotyping of CYP2E1 and CYP3A using oral chlorzoxazone and midazolam microdoses. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 2310-2320	3.8	5
153	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
152	Microdosed midazolam for the determination of cytochrome P450 3A activity: Development and clinical evaluation of a buccal film. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 135, 77-82	5.1	2
151	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
150	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
149	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
148	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
147	An ultrasensitive UPLC-MS/MS assay for the quantification of the therapeutic peptide liraglutide in plasma to assess the oral and nasal bioavailability in beagle dogs. <i>Bioanalysis</i> , 2019 , 11, 887-898	2.1	6
146	Simultaneous quantification of the CYP2D6 substrate yohimbine, its metabolite 11-OH-yohimbine, and the CYP2D6 inhibitor paroxetine in human plasma. <i>Analytical Methods</i> , 2019 , 11, 5976-5983	3.2	1
145	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
144	Elucidating the beneficial effects of melphalan, adriamycin, and corticoids in combination with bortezomib against multiple myeloma in vitro. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019 , 392, 461-466	3.4	
143	In Vivo CYP3A Activity in Palliative Care Patients: Study Protocol for a Single Arm Prospective Trial. <i>Journal of Palliative Medicine</i> , 2018 , 21, 686-688	2.2	2

142	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
141	Reply to Truffot et al. <i>Clinical Infectious Diseases</i> , 2018 , 66, 1644-1646	11.6	
140	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
139	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
138	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
137	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
136	Higher chlorzoxazone clearance in obese children compared with none-obese peers, an open-label explorative pharmacokinetic study of CYP2E1 activity. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO2-15-20	0	
135	Long-term efavirenz pharmacokinetics is comparable between Tanzanian HIV and HIV/Tuberculosis patients with the same CYP2B6*6 genotype. <i>Scientific Reports</i> , 2018 , 8, 16316	4.9	4
134	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
133	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
132	Plasma Drug Concentrations in Patients with Pulmonary Arterial Hypertension on Combination Treatment. <i>Respiration</i> , 2017 , 94, 26-37	3.7	15
131	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
130	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
129	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
128	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
127	Cellular effect and efficacy of carfilzomib depends on cellular net concentration gradient. <i>Cancer Chemotherapy and Pharmacology</i> , 2017 , 80, 71-79	3.5	4
126	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
125	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

124	Cyclic guanosine monophosphate modulates accumulation of phosphodiesterase 5 inhibitors in human platelets. <i>Biochemical Pharmacology</i> , 2017 , 145, 54-63	6	6
123	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
122	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
121	Bortezomib, carfilzomib and ixazomib do not mediate relevant transporter-based drug-drug interactions. <i>Oncology Letters</i> , 2017 , 14, 3185-3192	2.6	4
120	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
119	Proteasome inhibition correlates with intracellular bortezomib concentrations but not with antiproliferative effects after bolus treatment in myeloma cell lines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016 , 389, 1091-101	3.4	5
118	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
117	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> , 2016 , 1027, 207-13	3.2	8
116	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
115	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
114	Dose-Dependent Bioavailability and CYP3A Inhibition Contribute to Non-Linear Pharmacokinetics of Voriconazole. <i>Clinical Pharmacokinetics</i> , 2016 , 55, 1535-1545	6.2	27
113	Treatment with rilpivirine does not alter plasma concentrations of the CYP3A substrates tadalafil and midazolam in humans. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2241-7	5.1	4
112	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
111	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
110	Pre-systemic elimination of tilidine: localization and consequences for the formation of the active metabolite nortilidine. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015 , 116, 129-33	3.1	2
109	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
108	Fetal calf sera can distort cell-based luminescent proteasome assays through heat-resistant chymotrypsin-like activity. <i>Analytical Biochemistry</i> , 2015 , 471, 23-5	3.1	2
107	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

106	Retinoid resistance and multifaceted impairment of retinoic acid synthesis in glioblastoma. <i>Glia</i> , 2015 , 63, 1850-9	9	11
105	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
104	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
103	Pharmacokinetic and pharmacogenomic modelling of the CYP3A activity marker 4hydroxycholesterol during efavirenz treatment and efavirenz/rifampicin co-treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 3311-9	5.1	18
102	Disease-associated QT-shortage versus quinine associated QT-prolongation: age dependent ECG-effects in Ghanaian children with severe malaria. <i>Malaria Journal</i> , 2014 , 13, 219	3.6	5
101	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
100	CYP2C9 polymorphism is not a major determinant of bosentan exposure in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2014 , 95, 250-1	6.1	5
99	Systemic exposure of topical erythromycin in comparison to oral administration and the effect on cytochrome P450 3A4 activity. <i>British Journal of Clinical Pharmacology</i> , 2014 , 78, 1433-40	3.8	6
98	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
97	Clarithromycin substantially increases steady-state bosentan exposure in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2014 , 77, 141-8	3.8	16
96	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
95	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 Sciences</i> , 2014 , 914, 212-21	3.2	12
94	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
93	Lack of a clinically significant interaction of grapefruit juice with ambrisentan and bosentan in healthy adults. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2014 , 52, 957-64	2	4
92	Concentration effect relationship of CYP3A inhibition by ritonavir in humans. <i>European Journal of Clinical Pharmacology</i> , 2013 , 69, 1795-800	2.8	23
91	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
90	Reduced exposure variability of the CYP3A substrate simvastatin by dose individualization to CYP3A activity. <i>Journal of Clinical Pharmacology</i> , 2013 , 53, 1199-204	2.9	6
89	Pharmacogenetic and pharmacokinetic aspects of CYP3A induction by efavirenz in HIV patients. <i>Pharmacogenomics Journal</i> , 2013 , 13, 484-9	3.5	35

88	Steady-state pharmacokinetics and metabolism of voriconazole in patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 2592-9	5.1	32
87	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
86	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
85	Liposomal sphingomyelin influences the cellular lipid profile of human lymphoblastic leukemia cells without effect on P-glycoprotein activity. <i>Molecular Pharmaceutics</i> , 2013 , 10, 1020-34	5.6	5
84	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
83	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
82	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
81	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
80	Quantification of retinoid concentrations in human serum and brain tumor tissues. <i>Analytica Chimica Acta</i> , 2012 , 725, 57-66	6.6	9
79	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
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	Modulators of very low voriconazole concentrations in routine therapeutic drug monitoring. <i>Therapeutic Drug Monitoring</i> , 2011 , 33, 86-93	3.2	54

70	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
69	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
68	Daily honey consumption does not change CYP3A activity in humans. <i>Journal of Clinical Pharmacology</i> , 2011 , 51, 1223-32	2.9	5
67	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
66	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
65	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
64	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
63	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
62	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
61	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
60	Detection of RNA modifications. <i>RNA Biology</i> , 2010 , 7, 237-47	4.8	95
59	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
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