

# Thierry Buclin

## List of Publications by Citations

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

252 papers	11,432 citations	54 h-index	99 g-index
279 ext. papers	12,812 ext. citations	4.7 avg, IF	5.92 L-index

#	Paper	IF	Citations
252	Voriconazole therapeutic drug monitoring in patients with invasive mycoses improves efficacy and safety outcomes. <i>Clinical Infectious Diseases</i> , <b>2008</b> , 46, 201-11	11.6	707
251	Polymorphisms in human MDR1 (P-glycoprotein): recent advances and clinical relevance. <i>Clinical Pharmacology and Therapeutics</i> , <b>2004</b> , 75, 13-33	6.1	659
250	Efavirenz plasma levels can predict treatment failure and central nervous system side effects in HIV-1-infected patients. <i>Aids</i> , <b>2001</b> , 15, 71-5	3.5	647
249	Response to antiretroviral treatment in HIV-1-infected individuals with allelic variants of the multidrug resistance transporter 1: a pharmacogenetics study. <i>Lancet, The</i> , <b>2002</b> , 359, 30-6	4.0	575
248	Interindividual variability of the clinical pharmacokinetics of methadone: implications for the treatment of opioid dependence. <i>Clinical Pharmacokinetics</i> , <b>2002</b> , 41, 1153-93	6.2	406
247	Plasma and cerebrospinal fluid population pharmacokinetics of temozolomide in malignant glioma patients. <i>Clinical Cancer Research</i> , <b>2004</b> , 10, 3728-36	12.9	337
246	Influence of CYP2B6 polymorphism on plasma and intracellular concentrations and toxicity of efavirenz and nevirapine in HIV-infected patients. <i>Pharmacogenetics and Genomics</i> , <b>2005</b> , 15, 1-5	1.9	307
245	Glutathione precursor, N-acetyl-cysteine, improves mismatch negativity in schizophrenia patients. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 2187-99	8.7	284
244	Towards a new combination therapy for tuberculosis with next generation benzothiazinones. <i>EMBO Molecular Medicine</i> , <b>2014</b> , 6, 372-83	12	231
243	Population pharmacokinetics and effects of efavirenz in patients with human immunodeficiency virus infection. <i>Clinical Pharmacology and Therapeutics</i> , <b>2003</b> , 73, 20-30	6.1	200
242	Diet acids and alkalis influence calcium retention in bone. <i>Osteoporosis International</i> , <b>2001</b> , 12, 493-9	5.3	175
241	Drug interactions with the tyrosine kinase inhibitors imatinib, dasatinib, and nilotinib. <i>Blood</i> , <b>2011</b> , 117, e75-87	2.2	155
240	Challenging recommended oral and intravenous voriconazole doses for improved efficacy and safety: population pharmacokinetics-based analysis of adult patients with invasive fungal infections. <i>Clinical Infectious Diseases</i> , <b>2012</b> , 55, 381-90	11.6	154
239	Antidepressants for the treatment of chronic pain. <i>Drugs</i> , <b>2008</b> , 68, 2611-32	12.1	143
238	Population pharmacokinetics of imatinib and the role of alpha-acid glycoprotein. <i>British Journal of Clinical Pharmacology</i> , <b>2006</b> , 62, 97-112	3.8	138
237	Benchmarking therapeutic drug monitoring software: a review of available computer tools. <i>Clinical Pharmacokinetics</i> , <b>2013</b> , 52, 9-22	6.2	113
236	Renal Drug Transporters and Drug Interactions. <i>Clinical Pharmacokinetics</i> , <b>2017</b> , 56, 825-892	6.2	108

235	High cefepime plasma concentrations and neurological toxicity in febrile neutropenic patients with mild impairment of renal function. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 4360-7	5.9	107
234	The effects of morphine on dyspnea and ventilatory function in elderly patients with advanced cancer: a randomized double-blind controlled trial. <i>Annals of Oncology</i> , <b>1999</b> , 10, 1511-4	10.3	105
233	Label-free detection of tobramycin in serum by transmission-localized surface plasmon resonance. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 5278-85	7.8	95
232	A LC-tandem MS assay for the simultaneous measurement of new antiretroviral agents: Raltegravir, maraviroc, darunavir, and etravirine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2009</b> , 877, 1057-69	3.2	95
231	Pharmacogenetics-based population pharmacokinetic analysis of efavirenz in HIV-1-infected individuals. <i>Clinical Pharmacology and Therapeutics</i> , <b>2009</b> , 85, 485-94	6.1	94
230	Intracellular measurements of anti-HIV drugs indinavir, amprenavir, saquinavir, ritonavir, nelfinavir, lopinavir, atazanavir, efavirenz and nevirapine in peripheral blood mononuclear cells by liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2005</b> , 833, 259-71	3.2	93
229	ADME pharmacogenetics: investigation of the pharmacokinetics of the antiretroviral agent lopinavir coformulated with ritonavir. <i>Pharmacogenetics and Genomics</i> , <b>2010</b> , 20, 217-30	1.9	91
228	Transplacental passage of protease inhibitors at delivery. <i>Aids</i> , <b>2002</b> , 16, 889-93	3.5	89
227	Relationship of imatinib-free plasma levels and target genotype with efficacy and tolerability. <i>British Journal of Cancer</i> , <b>2008</b> , 98, 1633-40	8.7	88
226	Simultaneous determination of the HIV protease inhibitors indinavir, amprenavir, saquinavir, ritonavir, nelfinavir and the non-nucleoside reverse transcriptase inhibitor efavirenz by high-performance liquid chromatography after solid-phase extraction. <i>Biomedical Applications</i> , <b>2000</b> , 740, 43-58		87
225	Variability of voriconazole plasma levels measured by new high-performance liquid chromatography and bioassay methods. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2007</b> , 51, 137-43	5.9	86
224	Influence of interferon beta-1a dose frequency on PBMC cytokine secretion and biological effect markers. <i>Journal of Neuroimmunology</i> , <b>1999</b> , 99, 131-41	3.5	86
223	N-acetylcysteine in a Double-Blind Randomized Placebo-Controlled Trial: Toward Biomarker-Guided Treatment in Early Psychosis. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, 317-327	1.3	83
222	Oligoanalgesia in the emergency department: short-term beneficial effects of an education program on acute pain. <i>Annals of Emergency Medicine</i> , <b>2007</b> , 50, 462-71	2.1	81
221	Delta(9)-THC, 11-OH-Delta(9)-THC and Delta(9)-THCCOOH plasma or serum to whole blood concentrations distribution ratios in blood samples taken from living and dead people. <i>Forensic Science International</i> , <b>2001</b> , 123, 159-64	2.6	79
220	The effect of rectal and nasal administration of salmon calcitonin in normal subjects. <i>Calcified Tissue International</i> , <b>1987</b> , 41, 252-8	3.9	79
219	F44. AN ADD-ON TRIAL WITH N-ACETYL-CYSTEINE (NAC) IN EARLY PSYCHOSIS PATIENTS: TOWARDS BIOMARKER GUIDED TREATMENT. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, S236-S236	1.3	78
218	Effect of dronedarone on renal function in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , <b>2007</b> , 64, 785-91	3.8	78

217	Population pharmacokinetics of atazanavir in patients with human immunodeficiency virus infection. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2006</b> , 50, 3801-8	5.9	77
216	Pharmacokinetics and pharmacodynamics of IFN-beta 1a in healthy volunteers. <i>Journal of Interferon and Cytokine Research</i> , <b>2000</b> , 20, 857-66	3.5	77
215	Oral administration of a low dose of midazolam (75 microg) as an in vivo probe for CYP3A activity. <i>European Journal of Clinical Pharmacology</i> , <b>2004</b> , 60, 237-46	2.8	74
214	Pregnancy outcome following maternal exposure to statins: a multicentre prospective study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2013</b> , 120, 463-71	3.7	69
213	Pharmacokinetic-pharmacodynamic profile of angiotensin II receptor antagonists. <i>Clinical Pharmacokinetics</i> , <b>1997</b> , 32, 1-29	6.2	69
212	Pharmacokinetics of midazolam in CYP3A4- and CYP3A5-genotyped subjects. <i>European Journal of Clinical Pharmacology</i> , <b>2004</b> , 60, 231-6	2.8	69
211	Influence of ABCB1, ABCC1, ABCC2, and ABCG2 haplotypes on the cellular exposure of nelfinavir in vivo. <i>Pharmacogenetics and Genomics</i> , <b>2005</b> , 15, 599-608	1.9	69
210	Diagnostic accuracy of free and total metanephrines in plasma and fractionated metanephrines in urine of patients with pheochromocytoma. <i>European Journal of Endocrinology</i> , <b>2010</b> , 162, 951-60	6.5	68
209	Bioavailability and biological efficacy of a new oral formulation of salmon calcitonin in healthy volunteers. <i>Journal of Bone and Mineral Research</i> , <b>2002</b> , 17, 1478-85	6.3	68
208	Biological effects of a dietary omega-3 polyunsaturated fatty acids supplementation in cystic fibrosis patients: a randomized, crossover placebo-controlled trial. <i>Clinical Nutrition</i> , <b>2006</b> , 25, 418-27	5.9	67
207	Influence of perinatal, developmental and environmental factors on cognitive abilities of preterm children without major impairments at 5 years. <i>Early Human Development</i> , <b>1995</b> , 43, 151-64	2.2	62
206	Safe and effective variability-a criterion for dose individualization. <i>Therapeutic Drug Monitoring</i> , <b>2012</b> , 34, 565-8	3.2	61
205	Safety of oral immunisation with recombinant urease in patients with Helicobacter pylori infection. <i>Lancet, The</i> , <b>1996</b> , 347, 1630-1	4.0	61
204	Functional consequence of MDR1 expression on imatinib intracellular concentrations. <i>Blood</i> , <b>2003</b> , 102, 1142	2.2	60
203	Assessment of driving capability through the use of clinical and psychomotor tests in relation to blood cannabinoids levels following oral administration of 20 mg dronabinol or of a cannabis decoction made with 20 or 60 mg Delta9-THC. <i>Journal of Analytical Toxicology</i> , <b>2005</b> , 29, 327-38	2.9	59
202	Disappearance Rate of Catecholamines, Total Metanephrines, and Neuropeptide Y from the Plasma of Patients after Resection of Pheochromocytoma. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 1075-1082	5.5	59
201	Variations of CYP3A activity induced by antiretroviral treatment in HIV-1 infected patients. <i>European Journal of Clinical Pharmacology</i> , <b>2005</b> , 60, 865-73	2.8	56
200	Orosomucoid (alpha1-acid glycoprotein) plasma concentration and genetic variants: effects on human immunodeficiency virus protease inhibitor clearance and cellular accumulation. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 80, 307-18	6.1	55

199	Pharmacokinetics and dosage adaptation of meropenem during continuous venovenous hemodiafiltration in critically ill patients. <i>Journal of Clinical Pharmacology</i> , <b>2003</b> , 43, 1329-40	2.9	55
198	Valganciclovir in adult solid organ transplant recipients: pharmacokinetic and pharmacodynamic characteristics and clinical interpretation of plasma concentration measurements. <i>Clinical Pharmacokinetics</i> , <b>2009</b> , 48, 399-418	6.2	54
197	Pharmacokinetics of temozolomide in association with fotemustine in malignant melanoma and malignant glioma patients: comparison of oral, intravenous, and hepatic intra-arterial administration. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1998</b> , 42, 433-40	3.5	54
196	Pregnancy outcome following maternal exposure to pregabalin may call for concern. <i>Neurology</i> , <b>2016</b> , 86, 2251-7	6.5	52
195	Nelfinavir plasma levels under twice-daily and three-times-daily regimens: high interpatient and low inpatient variability. <i>Therapeutic Drug Monitoring</i> , <b>2001</b> , 23, 394-8	3.2	51
194	Two cases of "cannabis acute psychosis" following the administration of oral cannabis. <i>BMC Psychiatry</i> , <b>2005</b> , 5, 17	4.2	50
193	Characterization of a selective antagonist of neuropeptide Y at the Y2 receptor. Synthesis and pharmacological evaluation of a Y2 antagonist. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 7699-706	5.4	49
192	Clinical usefulness of therapeutic concentration monitoring for imatinib dosage individualization: results from a randomized controlled trial. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2014</b> , 74, 1307-19	3.5	48
191	Determination of imatinib (Gleevec) in human plasma by solid-phase extraction-liquid chromatography-ultraviolet absorbance detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2004</b> , 803, 285-92	3.2	48
190	Gender medicine and oncology: report and consensus of an ESMO workshop. <i>Annals of Oncology</i> , <b>2019</b> , 30, 1914-1924	10.3	47
189	Oseltamivir in seasonal, avian H5N1 and pandemic 2009 A/H1N1 influenza: pharmacokinetic and pharmacodynamic characteristics. <i>Clinical Pharmacokinetics</i> , <b>2010</b> , 49, 741-65	6.2	45
188	Rate, type, and cost of adverse drug reactions in emergency department admissions. <i>European Journal of Internal Medicine</i> , <b>2001</b> , 12, 442-447	3.9	43
187	Population pharmacokinetic study of gentamicin in a large cohort of premature and term neonates. <i>British Journal of Clinical Pharmacology</i> , <b>2014</b> , 78, 1090-101	3.8	42
186	A validated assay by liquid chromatography-tandem mass spectrometry for the simultaneous quantification of elvitegravir and rilpivirine in HIV positive patients. <i>Journal of Mass Spectrometry</i> , <b>2013</b> , 48, 616-25	2.2	42
185	Complementary medicine use during cancer treatment and potential herb-drug interactions from a cross-sectional study in an academic centre. <i>Scientific Reports</i> , <b>2019</b> , 9, 5078	4.9	40
184	Determination of unbound antiretroviral drug concentrations by a modified ultrafiltration method reveals high variability in the free fraction. <i>Therapeutic Drug Monitoring</i> , <b>2008</b> , 30, 511-22	3.2	40
183	Prevalence and determinants of QT interval prolongation in medical inpatients. <i>Internal Medicine Journal</i> , <b>2012</b> , 42, 933-40	1.6	39
182	Population pharmacokinetics of ganciclovir in solid-organ transplant recipients receiving oral valganciclovir. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 3017-23	5.9	39

181	Determination of aciclovir and ganciclovir in human plasma by liquid chromatography-spectrofluorimetric detection and stability studies in blood samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 852, 420-9	3.2	39
180	Determination of lopinavir and nevirapine by high-performance liquid chromatography after solid-phase extraction: application for the assessment of their transplacental passage at delivery. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2002</b> , 774, 127-40	3.2	38
179	Successful efavirenz dose reduction guided by therapeutic drug monitoring. <i>Antiviral Therapy</i> , <b>2011</b> , 16, 189-97	1.6	37
178	Systemic exposure to tobramycin after local antibiotic treatment with calcium sulphate as carrier material. <i>Archives of Orthopaedic and Trauma Surgery</i> , <b>2011</b> , 131, 657-62	3.6	37
177	Resistance reversal by RNAi silencing of MDR1 in CML cells associated with increase in imatinib intracellular levels. <i>Leukemia</i> , <b>2007</b> , 21, 1561-2; author reply 1562-4	10.7	37
176	Therapeutic drug monitoring of imatinib: Bayesian and alternative methods to predict trough levels. <i>Clinical Pharmacokinetics</i> , <b>2012</b> , 51, 187-201	6.2	36
175	Population pharmacokinetic analysis and pharmacogenetics of raltegravir in HIV-positive and healthy individuals. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 2959-66	5.9	36
174	Disposition of voriconazole during continuous veno-venous haemodiafiltration (CVVHDF) in a single patient. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2004</b> , 54, 269-70	5.1	35
173	Pregnancy outcome following exposure to topical retinoids: a multicenter prospective study. <i>Journal of Clinical Pharmacology</i> , <b>2012</b> , 52, 1844-51	2.9	33
172	Reassessment of recommended imipenem doses in febrile neutropenic patients with hematological malignancies. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 785-7	5.9	33
171	Right arm involvement and pain extension can help to differentiate coronary diseases from chest pain of other origin: a prospective emergency ward study of 278 consecutive patients admitted for chest pain. <i>Journal of Internal Medicine</i> , <b>1990</b> , 227, 165-72	10.8	33
170	Population pharmacokinetics of indinavir in patients infected with human immunodeficiency virus. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2004</b> , 48, 3226-32	5.9	32
169	The Steps to Therapeutic Drug Monitoring: A Structured Approach Illustrated With Imatinib. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 177	5.6	31
168	Imatinib plasma levels: correlation with clinical benefit in GIST patients. <i>British Journal of Cancer</i> , <b>2010</b> , 102, 1198-9	8.7	31
167	Population pharmacokinetic modelling and evaluation of different dosage regimens for darunavir and ritonavir in HIV-infected individuals. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2014</b> , 69, 2489-98	5.1	30
166	Molecular and clinical determinants of drug-induced long QT syndrome: an iatrogenic channelopathy. <i>Swiss Medical Weekly</i> , <b>2004</b> , 134, 685-94	3.1	30
165	The levels of vancomycin in the blood and the wound after the local treatment of bone and soft-tissue infection with antibiotic-loaded calcium sulphate as carrier material. <i>Bone and Joint Journal</i> , <b>2017</b> , 99-B, 1537-1544	5.6	29
164	An ultra performance liquid chromatography-tandem MS assay for tamoxifen metabolites profiling in plasma: first evidence of 4-hydroxylated metabolites in breast cancer patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 3402-14	3.2	29



163	Effect of renal clearance and continuous renal replacement therapy on appropriateness of recommended meropenem dosing regimens in critically ill patients with susceptible life-threatening infections. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 3413-3422	5.1	29
162	Erlotinib: another candidate for the therapeutic drug monitoring of targeted therapy of cancer? A pharmacokinetic and pharmacodynamic systematic review of literature. <i>Therapeutic Drug Monitoring</i> , <b>2015</b> , 37, 2-21	3.2	28
161	Systematic review of population pharmacokinetic analyses of imatinib and relationships with treatment outcomes. <i>Therapeutic Drug Monitoring</i> , <b>2013</b> , 35, 150-67	3.2	28
160	Psychopharmacology in supportive care of cancer: a review for the clinician: II. Neuroleptics. <i>Supportive Care in Cancer</i> , <b>2000</b> , 8, 89-97	3.9	28
159	Pediatric reference intervals for plasma free and total metanephrines established with a parametric approach: relevance to the diagnosis of neuroblastoma. <i>Pediatric Blood and Cancer</i> , <b>2015</b> , 62, 587-93	3	27
158	CYP3A activity measured by the midazolam test is not related to 3435 C>T polymorphism in the multiple drug resistance transporter gene. <i>Pharmacogenetics and Genomics</i> , <b>2004</b> , 14, 255-60		27
157	Population pharmacokinetics of mefloquine, piperazine and artemether-lumefantrine in Cambodian and Tanzanian malaria patients. <i>Malaria Journal</i> , <b>2013</b> , 12, 235	3.6	26
156	Sinistrin clearance for determination of glomerular filtration rate: a reappraisal of various approaches using a new analytical method. <i>Journal of Clinical Pharmacology</i> , <b>1997</b> , 37, 679-92	2.9	26
155	Inhibition of CYP2E1 by chlormethiazole as measured by chlorzoxazone pharmacokinetics in patients with alcoholism and in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , <b>1998</b> , 64, 52-7	6.1	26
154	Effect of high- and low-molecular-weight low-substituted hydroxyethyl starch on blood coagulation during acute normovolemic hemodilution in pigs. <i>Anesthesiology</i> , <b>2006</b> , 105, 1228-37	4.3	26
153	Prediction of free imatinib concentrations based on total plasma concentrations in patients with gastrointestinal stromal tumours. <i>British Journal of Clinical Pharmacology</i> , <b>2013</b> , 75, 1007-18	3.8	25
152	Residual antimalarials in malaria patients from Tanzania--implications on drug efficacy assessment and spread of parasite resistance. <i>PLoS ONE</i> , <b>2009</b> , 4, e8184	3.7	25
151	Free and total plasma levels of lopinavir during pregnancy, at delivery and postpartum: implications for dosage adjustments in pregnant women. <i>Antiviral Therapy</i> , <b>2013</b> , 18, 171-82	1.6	25
150	Major depressive disorder in the general hospital: adaptation of clinical practice guidelines. <i>General Hospital Psychiatry</i> , <b>2003</b> , 25, 185-93	5.6	25
149	Pharmacogenetics-based population pharmacokinetic analysis of etravirine in HIV-1 infected individuals. <i>Pharmacogenetics and Genomics</i> , <b>2013</b> , 23, 9-18	1.9	25
148	Intravenous brivaracetam in status epilepticus: Correlation between loading dose, plasma levels and clinical response. <i>Epilepsy Research</i> , <b>2019</b> , 149, 88-91	3	25
147	Use of Dipeptidyl-Peptidase IV Inhibitors and Bullous Pemphigoid. <i>Dermatology</i> , <b>2017</b> , 233, 401-403	4.4	24
146	LC-MS/MS method for the simultaneous analysis of seven antimalarials and two active metabolites in dried blood spots for applications in field trials: Analytical and clinical validation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 154, 263-277	3.5	24

145	Pregnancy outcomes in women on metformin for diabetes or other indications among those seeking teratology information services. <i>British Journal of Clinical Pharmacology</i> , <b>2018</b> , 84, 568-578	3.8	24
144	Effects of a dual inhibitor of angiotensin converting enzyme and neutral endopeptidase, MDL 100,240, on endocrine and renal functions in healthy volunteers. <i>Journal of Hypertension</i> , <b>1999</b> , 17, 427-37	1.9	24
143	Efficacy and safety of fluvastatin in hyperlipidemic protease inhibitor-treated HIV-infected patients. <i>Aids</i> , <b>2002</b> , 16, 1982-3	3.5	24
142	Antibiotic stability related to temperature variations in elastomeric pumps used for outpatient parenteral antimicrobial therapy (OPAT). <i>Journal of Antimicrobial Chemotherapy</i> , <b>2017</b> , 72, 1462-1465	5.1	23
141	Multigenerational effects of the anticancer drug tamoxifen and its metabolite 4-hydroxy-tamoxifen on <i>Daphnia pulex</i> . <i>Science of the Total Environment</i> , <b>2016</b> , 545-546, 21-9	10.2	23
140	Large-scale imatinib dose-concentration-effect study in CML patients under routine care conditions. <i>Leukemia Research</i> , <b>2014</b> , 38, 764-72	2.7	23
139	siRNA-mediated knock-down of P-glycoprotein expression reveals distinct cellular disposition of anticancer tyrosine kinases inhibitors. <i>Drug Metabolism Letters</i> , <b>2010</b> , 4, 114-9	2.1	23
138	Gentamicin Exposure and Sensorineural Hearing Loss in Preterm Infants. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158806	3.7	23
137	Pregnancy outcome following maternal exposure to mirtazapine: a multicenter, prospective study. <i>Journal of Clinical Psychopharmacology</i> , <b>2015</b> , 35, 250-9	1.7	22
136	Determination of meropenem in plasma and filtrate-dialysate from patients under continuous veno-venous haemodiafiltration by SPE-LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2002</b> , 29, 17-33	3.5	22
135	Association of Patient Sex With Chemotherapy-Related Toxic Effects: A Retrospective Analysis of the PETACC-3 Trial Conducted by the EORTC Gastrointestinal Group. <i>JAMA Oncology</i> , <b>2018</b> , 4, 1003-1006	13.4	22
134	The anticancer drug metabolites endoxifen and 4-hydroxy-tamoxifen induce toxic effects on <i>Daphnia pulex</i> in a two-generation study. <i>Science of the Total Environment</i> , <b>2015</b> , 520, 232-40	10.2	21
133	Monitoring drug therapy. <i>British Journal of Clinical Pharmacology</i> , <b>2012</b> , 73, 917-23	3.8	21
132	Population Pharmacokinetics and Pharmacogenetics Analysis of Rilpivirine in HIV-1-Infected Individuals. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	21
131	In Vivo Profiling and Distribution of Known and Novel Phase I and Phase II Metabolites of Efavirenz in Plasma, Urine, and Cerebrospinal Fluid. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 151-61	4	21
130	Composition and cost of drugs stored at home by elderly patients. <i>Annals of Pharmacotherapy</i> , <b>2003</b> , 37, 731-7	2.9	21
129	Who is in charge of assessing therapeutic drug monitoring? The case of imatinib. <i>Lancet Oncology</i> , <b>2011</b> , 12, 9-11	21.7	20
128	Cell disposition of raltegravir and newer antiretrovirals in HIV-infected patients: high inter-individual variability in raltegravir cellular penetration. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2011</b> , 66, 1573-81	5.1	20



127	The emerging role of multiplex tandem mass spectrometry analysis for therapeutic drug monitoring and personalized medicine. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 84, 5-13	14.6	19
126	High-throughput hydrophilic interaction chromatography coupled to tandem mass spectrometry for the optimized quantification of the anti-Gram-negatives antibiotic colistin A/B and its pro-drug colistimethate. <i>Journal of Chromatography A</i> , <b>2014</b> , 1369, 52-63	4.5	19
125	Rapid occurrence of depression following addition of sodium oxybate to modafinil. <i>Sleep Medicine</i> , <b>2010</b> , 11, 500-1	4.6	19
124	Spectrophotometric determination of methylene blue in biological fluids after ion-pair extraction and evidence of its adsorption on plastic polymers. <i>European Journal of Pharmaceutical Sciences</i> , <b>1997</b> , 5, 335-345	5.1	19
123	Are plasma levels valid surrogates for cellular concentrations of antiretroviral drugs in HIV-infected patients?. <i>Therapeutic Drug Monitoring</i> , <b>2006</b> , 28, 332-8	3.2	19
122	Quantification of the next-generation oral anti-tumor drugs dabrafenib, trametinib, vemurafenib, cobimetinib, pazopanib, regorafenib and two metabolites in human plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical Sciences</i> , <b>2013</b> , 1033, 131-136	3.2	18
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