

# Laurent Arthur DÃ©costerd

## List of Publications by Year in descending order

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264  
papers

11,025  
citations

36303

51  
h-index

42399

92  
g-index

273  
all docs

273  
docs citations

273  
times ranked

11480  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-acting antiretrovirals: a new era for the management and prevention of HIV infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 290-302.	3.0	47
2	Therapeutic drug monitoring of newer generation antiseizure medications at the point of treatment failure. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2022, 94, 66-69.	2.0	4
3	HDLs extract lipophilic drugs from cells. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	2
4	Therapeutic drug monitoring of cefepime in a non-critically ill population: retrospective assessment and potential role for model-based dosing. <i>JAC-Antimicrobial Resistance</i> , 2022, 4, dlac043.	2.1	5
5	Effect of ageing on antiretroviral drug pharmacokinetics using clinical data combined with modelling and simulation. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 458-470.	2.4	12
6	Clinical Data Combined With Modeling and Simulation Indicate Unchanged Drug-Drug Interaction Magnitudes in the Elderly. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 471-484.	4.7	10
7	No renal dysfunction or salt and water retention in acute mountain sickness at 4,559 m among young resting males after passive ascent. <i>Journal of Applied Physiology</i> , 2021, 130, 226-236.	2.5	9
8	Pharmacokinetic/Pharmacodynamic Modelling to Describe the Cholesterol Lowering Effect of Rosuvastatin in People Living with HIV. <i>Clinical Pharmacokinetics</i> , 2021, 60, 379-390.	3.5	4
9	Population pharmacokinetic modelling to quantify the magnitude of drug-drug interactions between amlodipine and antiretroviral drugs. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 979-987.	1.9	2
10	Physiologically-Based Pharmacokinetic Modeling Combined with Swiss HIV Cohort Study Data Supports No Dose Adjustment of Bictegravir in Elderly Individuals Living With HIV. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 1025-1029.	4.7	8
11	A Hyaluronic Acid Hydrogel Loaded with Gentamicin and Vancomycin Successfully Eradicates Chronic Methicillin-Resistant <i>Staphylococcus aureus</i> Orthopedic Infection in a Sheep Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	27
12	Pharmacokinetic parameters and weight change in HIV patients newly switched to dolutegravir-based regimens in SIMPL'HIV clinical trial. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4455-4460.	2.4	0
13	Seizure freedom and plasma levels of newer generation antiseizure medications. <i>Acta Neurologica Scandinavica</i> , 2021, 144, 202-208.	2.1	8
14	Optimizing Oral Targeted Anticancer Therapies Study for Patients With Solid Cancer: Protocol for a Randomized Controlled Medication Adherence Program Along With Systematic Collection and Modeling of Pharmacokinetic and Pharmacodynamic Data. <i>JMIR Research Protocols</i> , 2021, 10, e30090.	1.0	7
15	Dosing strategies of imipenem in neonates based on pharmacometric modelling and simulation. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, , .	3.0	2
16	Elevated acute phase proteins affect pharmacokinetics in COVID-19 trials: Lessons from the CounterCOVID -imatinib study. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 1497-1511.	2.5	8
17	Post-exposure Lopinavir-Ritonavir Prophylaxis versus Surveillance for Individuals Exposed to SARS-CoV-2: The COPEP Pragmatic Open-Label, Cluster Randomized Trial. <i>EClinicalMedicine</i> , 2021, 42, 101188.	7.1	5
18	Ensuring Sufficient Trough Plasma Concentrations for Broad-Spectrum Beta-Lactam Antibiotics in Children With Malignancies: Beware of Augmented Renal Clearance!. <i>Frontiers in Pediatrics</i> , 2021, 9, 768438.	1.9	6

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19	Compassionate Use of Letemovir in a 2-Year-Old Immunocompromised Child With Resistant Cytomegalovirus Disease. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 96-99.	1.3	10
20	Imatinib Uptake into Cells is Not Mediated by Organic Cation Transporters OCT1, OCT2, or OCT3, But is Influenced by Extracellular pH. <i>Drug Metabolism Letters</i> , 2020, 13, 102-110.	0.8	9
21	Therapeutic Drug Monitoring of Newer Antiepileptic Drugs: A Randomized Trial for Dosage Adjustment. <i>Annals of Neurology</i> , 2020, 87, 22-29.	5.3	30
22	The Neurocognitive Assessment in the Metabolic and Aging Cohort (<sc>NAMACO</sc>) study: baseline participant profile. <i>HIV Medicine</i> , 2020, 21, 30-42.	2.2	24
23	How helpful are the European AIDS Clinical Society cognitive screening questions in predicting cognitive impairment in an aging, well-treated HIV-positive population?. <i>HIV Medicine</i> , 2020, 21, 342-348.	2.2	14
24	Therapeutic Drug Monitoring of Targeted Anticancer Protein Kinase Inhibitors in Routine Clinical Use: A Critical Review. <i>Therapeutic Drug Monitoring</i> , 2020, 42, 33-44.	2.0	25
25	Pharmacokinetic profiles of boosted darunavir, dolutegravir and lamivudine in aging people living with HIV. <i>Aids</i> , 2020, 34, 103-108.	2.2	18
26	Efficacy of pragmatic same-day ring prophylaxis for adult individuals exposed to SARS-CoV-2 in Switzerland (COPEP): protocol of an open-label cluster randomised trial. <i>BMJ Open</i> , 2020, 10, e040110.	1.9	5
27	The Steps to Therapeutic Drug Monitoring: A Structured Approach Illustrated With Imatinib. <i>Frontiers in Pharmacology</i> , 2020, 11, 177.	3.5	59
28	Validation and clinical application of a multiplex high performance liquid chromatography tandem mass spectrometry assay for the monitoring of plasma concentrations of 12 antibiotics in patients with severe bacterial infections. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1157, 122160.	2.3	38
29	Development and validation of a multiplex UHPLC-MS/MS assay with stable isotopic internal standards for the monitoring of the plasma concentrations of the antiretroviral drugs bicitegravir, cabotegravir, doravirine, and rilpivirine in people living with HIV. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4506.	1.6	22
30	Real-life management of drug-drug interactions between antiretrovirals and statins. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1972-1980.	3.0	8
31	Aging does not impact drug-drug interaction magnitudes with antiretrovirals. <i>Aids</i> , 2020, 34, 949-952.	2.2	2
32	Influence of Drug-Drug Interactions on the Pharmacokinetics of Atorvastatin and Its Major Active Metabolite ortho-OH-Atorvastatin in Aging People Living with HIV. <i>Clinical Pharmacokinetics</i> , 2020, 59, 1037-1048.	3.5	5
33	Sultiam pharmacokinetic profile in plasma and erythrocytes after single oral doses: A pilot study in healthy volunteers. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00558.	2.4	8
34	Inhibition of vascular calcification by inositol phosphates derivatized with ethylene glycol oligomers. <i>Nature Communications</i> , 2020, 11, 721.	12.8	38
35	Efficacy and safety of dolutegravir plus emtricitabine versus standard ART for the maintenance of HIV-1 suppression: 48-week results of the factorial, randomized, non-inferiority SIMPL-HIV trial. <i>PLoS Medicine</i> , 2020, 17, e1003421.	8.4	23
36	Title is missing!. , 2020, 17, e1003421.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 17, e1003421.		0
38	Title is missing!. , 2020, 17, e1003421.		0
39	Title is missing!. , 2020, 17, e1003421.		0
40	Title is missing!. , 2020, 17, e1003421.		0
41	Title is missing!. , 2020, 17, e1003421.		0
42	UHPLC-MS/MS assay for simultaneous determination of amlodipine, metoprolol, pravastatin, rosuvastatin, atorvastatin with its active metabolites in human plasma, for population-scale drug-drug interactions studies in people living with HIV. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1125, 121733.	2.3	10
43	Population pharmacokinetics of dolutegravir: influence of drug-drug interactions in a real-life setting. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2690-2697.	3.0	23
44	Development and validation of a multiplex UHPLC-MS/MS method for the determination of the investigational antibiotic against multi-resistant tuberculosis macozinone (PBTZ169) and five active metabolites in human plasma. <i>PLoS ONE</i> , 2019, 14, e0217139.	2.5	14
45	Escitalopram population pharmacokinetics in people living with human immunodeficiency virus and in the psychiatric population: Drug-drug interactions and probability of target attainment. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 2022-2032.	2.4	7
46	Emtricitabine and lamivudine concentrations in saliva: a simple suitable test for treatment adherence. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2468-2470.	3.0	3
47	Population pharmacokinetics and pharmacodynamics of the artesunate-mefloquine fixed dose combination for the treatment of uncomplicated falciparum malaria in African children. <i>Malaria Journal</i> , 2019, 18, 139.	2.3	10
48	Severe rosuvastatin accumulation with rhabdomyolysis due to drug interactions and low cardiac output syndrome. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 1616-1618.	2.4	6
49	Adherence to intermittent preventive treatment for malaria in Papua New Guinean infants: A pharmacological study alongside the randomized controlled trial. <i>PLoS ONE</i> , 2019, 14, e0210789.	2.5	3
50	Isavuconazole brain penetration in cerebral aspergillosis. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1751-1753.	3.0	30
51	Polypharmacy, Drug-Drug Interactions, and Inappropriate Drugs: New Challenges in the Aging Population With HIV. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz531.	0.9	38
52	Intravenous brivaracetam in status epilepticus: Correlation between loading dose, plasma levels and clinical response. <i>Epilepsy Research</i> , 2019, 149, 88-91.	1.6	36
53	Noninferiority of Simplified Dolutegravir Monotherapy Compared to Continued Combination Antiretroviral Therapy That Was Initiated During Primary Human Immunodeficiency Virus Infection: A Randomized, Controlled, Multisite, Open-label, Noninferiority Trial. <i>Clinical Infectious Diseases</i> , 2019, 69, 1489-1497.	5.8	19
54	Multicenter Population Pharmacokinetic Study of Colistimethate Sodium and Colistin Dosed as in Normal Renal Function in Patients on Continuous Renal Replacement Therapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	12

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55	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> , 2018, 154, 263-277.	2.8	33
56	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 and Life Sciences</i> , 2018, 1083, 124-136.	2.3	31
57	The Antimalarial Drug Artesunate Attenuates Cardiac Injury in A Rodent Model of Myocardial Infarction. <i>Shock</i> , 2018, 49, 675-681.	2.1	17
58	Tamoxifen prolongs survival and alleviates symptoms in mice with fatal X-linked myotubular myopathy. <i>Nature Communications</i> , 2018, 9, 4848.	12.8	29
59	In vitro study of new combinations for local antibiotic therapy with calcium sulphate - Near constant release of ceftriaxone offers new treatment options. <i>Journal of Bone and Joint Infection</i> , 2018, 3, 212-221.	1.5	8
60	High-level artemisinin-resistance with quinine co-resistance emerges in <i>P. falciparum</i> malaria under in vivo artesunate pressure. <i>BMC Medicine</i> , 2018, 16, 181.	5.5	26
61	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> , 2018, 73, 3413-3422.	3.0	40
62	Levetiracetam circulating concentrations and response in status epilepticus. <i>Epilepsy and Behavior</i> , 2018, 88, 61-65.	1.7	13
63	Predictors of residual antimalarial drugs in the blood in community surveys in Tanzania. <i>PLoS ONE</i> , 2018, 13, e0202745.	2.5	1
64	Comparison against current standards of a DNA aptamer for the label-free quantification of tobramycin in human sera employed for therapeutic drug monitoring. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 341-347.	2.8	22
65	Appropriateness of malaria diagnosis and treatment for fever episodes according to patient history and anti-malarial blood measurement: a cross-sectional survey from Tanzania. <i>Malaria Journal</i> , 2018, 17, 209.	2.3	9
66	Is Penicillin Plus Gentamicin Synergistic Against Sessile Group B Streptococcal Isolates? An in Vivo Study With an Experimental Model of Foreign-Body Infection. <i>Frontiers in Microbiology</i> , 2018, 9, 919.	3.5	4
67	Stable HIV-1 reservoirs on dolutegravir maintenance monotherapy: the MONODO study. <i>HIV Medicine</i> , 2018, 19, 572-577.	2.2	16
68	Determination of nucleosidic/tidic reverse transcriptase inhibitors in plasma and cerebrospinal fluid by ultra-high-pressure liquid chromatography coupled with tandem mass spectrometry. <i>Clinical Mass Spectrometry</i> , 2018, 8, 8-20.	1.9	10
69	Efficacy and safety of continuous infusions with elastomeric pumps for outpatient parenteral antimicrobial therapy (OPAT): an observational study. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2540-2545.	3.0	35
70	Intravenous lacosamide in status epilepticus: Correlation between loading dose, serum levels, and clinical response. <i>Epilepsy Research</i> , 2017, 135, 38-42.	1.6	27
71	Free and total plasma concentrations of elvitegravir/cobicistat during pregnancy and postpartum: a case report. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2835-2838.	2.4	15
72	Darunavir concentrations in CSF of HIV-infected individuals when boosted with cobicistat versus ritonavir. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2574-2577.	3.0	8

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73	Antibiotic stability over six weeks in aqueous solution at body temperature with and without heat treatment that mimics the curing of bone cement. <i>Bone and Joint Research</i> , 2017, 6, 296-306.	3.6	58
74	Adequate plasma drug concentrations suggest that amoxicillin can be administered by continuous infusion using elastomeric pumps. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2613-2615.	3.0	18
75	Antibiotic stability related to temperature variations in elastomeric pumps used for outpatient parenteral antimicrobial therapy (OPAT). <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 1462-1465.	3.0	38
76	Lamotrigine serum levels: Ceiling effect in people with epilepsy in remission?. <i>Epilepsy and Behavior</i> , 2017, 74, 41-44.	1.7	11
77	Is gentamicin necessary in the antimicrobial treatment for group B streptococcal infections in the elderly? An in vitro study with human blood products. <i>Infectious Diseases</i> , 2017, 49, 185-192.	2.8	9
78	Population Pharmacokinetics and Pharmacogenetics Analysis of Rilpivirine in HIV-1-Infected Individuals. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	32
79	Changes in Serological Immunology Measures in UK and Kenyan Adults Post-controlled Human Malaria Infection. <i>Frontiers in Microbiology</i> , 2016, 7, 1604.	3.5	23
80	Is Penicillin Plus Gentamicin Synergistic against Clinical Group B Streptococcus isolates?: An In vitro Study. <i>Frontiers in Microbiology</i> , 2016, 7, 1680.	3.5	18
81	Population pharmacokinetic analysis of elvitegravir and cobicistat in HIV-1-infected individuals. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1933-1942.	3.0	13
82	Privacy-preserving genomic testing in the clinic: a model using HIV treatment. <i>Genetics in Medicine</i> , 2016, 18, 814-822.	2.4	36
83	Therapeutic drug monitoring for sofosbuvir and daclatasvir in transplant recipients with chronic hepatitis C and advanced renal disease. <i>Journal of Hepatology</i> , 2016, 65, 1063-1065.	3.7	7
84	Antitumoral Effect of Sunitinib-eluting Beads in the Rabbit VX2 Tumor Model. <i>Radiology</i> , 2016, 280, 425-435.	7.3	30
85	The emerging role of multiplex tandem mass spectrometry analysis for therapeutic drug monitoring and personalized medicine. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 84, 5-13.	11.4	29
86	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> , 2016, 545-546, 21-29.	8.0	29
87	An inhibitor of HIV-1 protease modulates constitutive eIF2 $\alpha$ dephosphorylation to trigger a specific integrated stress response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E117-26.	7.1	50
88	Treatment of pleural malignancies by photoinduction combined to systemic chemotherapy: Proof of concept on rodent lung tumors and feasibility study on porcine chest cavities. <i>Lasers in Surgery and Medicine</i> , 2015, 47, 807-816.	2.1	5
89	Protease inhibitors to treat hepatitis C in the Swiss HIV Cohort Study: high efficacy but low treatment uptake. <i>HIV Medicine</i> , 2015, 16, 599-607.	2.2	5
90	A Lead-In with Silibinin Prior to Triple-Therapy Translates into Favorable Treatment Outcomes in Difficult-To-Treat HIV/Hepatitis C Coinfected Patients. <i>PLoS ONE</i> , 2015, 10, e0133028.	2.5	18

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91	Erlotinib. Therapeutic Drug Monitoring, 2015, 37, 2-21.	2.0	36
92	In Vivo Profiling and Distribution of Known and Novel Phase I and Phase II Metabolites of Efavirenz in Plasma, Urine, and Cerebrospinal Fluid. Drug Metabolism and Disposition, 2015, 44, 151-161.	3.3	27
93	Pharmacokinetic modelling of dialytic clearance in a case of acyclovir intoxication. International Journal of Antimicrobial Agents, 2015, 45, 325-327.	2.5	2
94	Impact of the introduction of real-time therapeutic drug monitoring on empirical doses of carbapenems in critically ill burn patients. Burns, 2015, 41, 956-968.	1.9	47
95	Sofosbuvir and ribavirin before liver re-transplantation for graft failure due to recurrent hepatitis C: a case report. BMC Gastroenterology, 2015, 15, 38.	2.0	2
96	The anticancer drug metabolites endoxifen and 4-hydroxy-tamoxifen induce toxic effects on Daphnia pulex in a two-generation study. Science of the Total Environment, 2015, 520, 232-240.	8.0	24
97	Label-Free Detection of Tobramycin in Serum by Transmission-Localized Surface Plasmon Resonance. Analytical Chemistry, 2015, 87, 5278-5285.	6.5	115
98	Therapeutic drug monitoring of targeted anticancer therapy. Biomarkers in Medicine, 2015, 9, 887-893.	1.4	24
99	Shotgun Ecotoxicoproteomics of <i>Daphnia pulex</i> : Biochemical Effects of the Anticancer Drug Tamoxifen. Journal of Proteome Research, 2015, 14, 279-291.	3.7	16
100	Clinical usefulness of therapeutic concentration monitoring for imatinib dosage individualization: results from a randomized controlled trial. Cancer Chemotherapy and Pharmacology, 2014, 74, 1307-1319.	2.3	60
101	Towards a new combination therapy for tuberculosis with next generation benzothiazinones. EMBO Molecular Medicine, 2014, 6, 372-383.	6.9	311
102	Population pharmacokinetic modelling and evaluation of different dosage regimens for darunavir and ritonavir in HIV-infected individuals. Journal of Antimicrobial Chemotherapy, 2014, 69, 2489-2498.	3.0	31
103	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. Journal of Chromatography A, 2014, 1369, 52-63.	3.7	26
104	G.P.105. Neuromuscular Disorders, 2014, 24, 826.	0.6	0
105	Quantitative monitoring of tamoxifen in human plasma extended to 40 metabolites using liquid-chromatography high-resolution mass spectrometry: new investigation capabilities for clinical pharmacology. Analytical and Bioanalytical Chemistry, 2014, 406, 2627-2640.	3.7	34
106	Population Pharmacokinetics and Clinical Response for Artemether-Lumefantrine in Pregnant and Nonpregnant Women with Uncomplicated Plasmodium falciparum Malaria in Tanzania. Antimicrobial Agents and Chemotherapy, 2014, 58, 4583-4592.	3.2	37
107	A simple, robust and rapid approach to detect carbapenemases in Gram-negative isolates by MALDI-TOF mass spectrometry: validation with triple quadrupole tandem mass spectrometry, microarray and PCR. Clinical Microbiology and Infection, 2014, 20, O1106-O1112.	6.0	26
108	Low-Dose Vascular Photodynamic Therapy Decreases Tumor Interstitial Fluid Pressure, which Promotes Liposomal Doxorubicin Distribution in a Murine Sarcoma Metastasis Model. Translational Oncology, 2014, 7, 393-399.	3.7	27

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109	Large-scale imatinib doseâ€“concentrationâ€“effect study in CML patients under routine care conditions. <i>Leukemia Research</i> , 2014, 38, 764-772.	0.8	37
110	Free and Total Plasma Levels of Lopinavir during Pregnancy, at Delivery and Postpartum: Implications for Dosage Adjustments in Pregnant Women. <i>Antiviral Therapy</i> , 2013, 18, 171-182.	1.0	31
111	Population pharmacokinetics of mefloquine, piperazine and artemether-lumefantrine in Cambodian and Tanzanian malaria patients. <i>Malaria Journal</i> , 2013, 12, 235.	2.3	33
112	The Anticancer Drug Tamoxifen Counteracts the Pathology in a Mouse Model of Duchenne Muscular Dystrophy. <i>American Journal of Pathology</i> , 2013, 182, 485-504.	3.8	73
113	Prediction of free imatinib concentrations based on total plasma concentrations in patients with gastrointestinal stromal tumours. <i>British Journal of Clinical Pharmacology</i> , 2013, 75, 1007-1018.	2.4	33
114	Multiplex Liquid Chromatography-Tandem Mass Spectrometry Assay for Simultaneous Therapeutic Drug Monitoring of Ribavirin, Boceprevir, and Telaprevir. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3147-3158.	3.2	22
115	Effect of Single Nucleotide Polymorphisms in Cytochrome P450 Isoenzyme and <i>CYP2D6</i> Genes on the Metabolism of Artemisinin-Based Combination Therapies in Malaria Patients from Cambodia and Tanzania. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 950-958.	3.2	51
116	A validated assay by liquid chromatographyâ€“tandem mass spectrometry for the simultaneous quantification of elvitegravir and rilpivirine in HIV positive patients. <i>Journal of Mass Spectrometry</i> , 2013, 48, 616-625.	1.6	45
117	Higher CNS Penetration-Effectiveness of Long-term Combination Antiretroviral Therapy Is Associated With Better HIV-1 Viral Suppression in Cerebrospinal Fluid. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013, 62, 28-35.	2.1	86
118	Efavirenz intoxication due to a new CYP2B6 constellation. <i>Antiviral Therapy</i> , 2013, 18, 735-738.	1.0	6
119	Pharmacogenetics-based population pharmacokinetic analysis of etravirine in HIV-1 infected individuals. <i>Pharmacogenetics and Genomics</i> , 2013, 23, 9-18.	1.5	25
120	Population Pharmacokinetic Analysis and Pharmacogenetics of Raltegravir in HIV-Positive and Healthy Individuals. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2959-2966.	3.2	39
121	Dosage Optimization of Treatments Using Population Pharmacokinetic Modeling and Simulation. <i>Chimia</i> , 2012, 66, 291-295.	0.6	8
122	Drug interactions between voriconazole, darunavir/ritonavir and etravirine in an HIV-infected patient with <i>Aspergillus pneumonia</i> . <i>Aids</i> , 2012, 26, 776-778.	2.2	9
123	Therapeutic Drug Monitoring of Imatinib. <i>Clinical Pharmacokinetics</i> , 2012, 51, 187-201.	3.5	43
124	Photodynamic induced uptake of liposomal doxorubicin to rat lung tumors parallels tumor vascular density. <i>Lasers in Surgery and Medicine</i> , 2012, 44, 318-324.	2.1	17
125	A highly sensitive LCâ€“tandem MS assay for the measurement in plasma and in urine of salbutamol administered by nebulization during mechanical ventilation in healthy volunteers. <i>Biomedical Chromatography</i> , 2012, 26, 672-680.	1.7	7
126	Therapeutic Drug Monitoring of Targeted Anticancer Therapy. Tyrosine Kinase Inhibitors and Selective Estrogen Receptor Modulators: A Clinical Pharmacology Laboratory Perspective. , 2012, , 197-250.		2



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127	Determinants of Sustained Viral Suppression in HIV-Infected Patients with Self-Reported Poor Adherence to Antiretroviral Therapy. PLoS ONE, 2012, 7, e29186.	2.5	21
128	Antiretroviral drug toxicity in relation to pharmacokinetics, metabolic profile and pharmacogenetics. Expert Opinion on Drug Metabolism and Toxicology, 2011, 7, 609-622.	3.3	15
129	Emission wavelength tuning by mechanical stressing of GaAs/Ge/Si microbeams. Optics Express, 2011, 19, 15732.	3.4	7
130	Who is in charge of assessing therapeutic drug monitoring? The case of imatinib. Lancet Oncology, The, 2011, 12, 9-11.	10.7	22
131	Determination of Trace Lithium in Human Erythrocytes by Electrothermal Atomic-absorption Spectrometry with Pyrocoated Graphite Tubes and Integrated Platform. Journal of Pharmacy and Pharmacology, 2011, 50, 693-701.	2.4	7
132	Successful Efavirenz Dose Reduction Guided by Therapeutic Drug Monitoring. Antiviral Therapy, 2011, 16, 189-197.	1.0	38
133	Drug interactions with the tyrosine kinase inhibitors imatinib, dasatinib, and nilotinib. Blood, 2011, 117, e75-e87.	1.4	202
134	Lipid and Lipoprotein Profile in HIV-Infected Patients Treated with Lopinavir/Ritonavir as a Component of the First Combination Antiretroviral Therapy. AIDS Research and Human Retroviruses, 2011, 27, 525-533.	1.1	8
135	Cell disposition of raltegravir and newer antiretrovirals in HIV-infected patients: high inter-individual variability in raltegravir cellular penetration. Journal of Antimicrobial Chemotherapy, 2011, 66, 1573-1581.	3.0	25
136	Photodynamic Therapy Enhances Liposomal Doxorubicin Distribution in Tumors during Isolated Perfusion of Rodent Lungs. European Surgical Research, 2011, 47, 196-204.	1.3	8
137	Photodynamic therapy selectively enhances liposomal doxorubicin uptake in sarcoma tumors to rodent lungs. Lasers in Surgery and Medicine, 2010, 42, 391-399.	2.1	19
138	An ultra performance liquid chromatography-tandem MS assay for tamoxifen metabolites profiling in plasma: First evidence of 4-hydroxylated metabolites in breast cancer patients. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 3402-3414.	2.3	35
139	Tyrosine kinase inhibitors concentration monitoring in chronic myeloid leukemia. Leukemia Research, 2010, 34, 698-699.	0.8	5
140	Variable viral clearance despite adequate ganciclovir plasma levels during valganciclovir treatment for cytomegalovirus disease in D+/R- transplant recipients. BMC Infectious Diseases, 2010, 10, 2.	2.9	21
141	Imatinib plasma levels: correlation with clinical benefit in GIST patients. British Journal of Cancer, 2010, 102, 1198-1199.	6.4	35
142	Ganciclovir exposure under a 450 mg daily dosage of valganciclovir for cytomegalovirus prevention in kidney transplantation: a prospective study. Clinical Transplantation, 2010, 24, 794-800.	1.6	14
143	ADME pharmacogenetics: investigation of the pharmacokinetics of the antiretroviral agent lopinavir coformulated with ritonavir. Pharmacogenetics and Genomics, 2010, 20, 217-230.	1.5	104
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