

Joel Tarning

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9367589/publications.pdf>

Version: 2024-02-01

160
papers

11,156
citations

76196

40
h-index

33814

99
g-index

169
all docs

169
docs citations

169
times ranked

11857
citing authors

#	ARTICLE	IF	CITATIONS
1	Artemisinin Resistance in <i>Plasmodium falciparum</i> Malaria. <i>New England Journal of Medicine</i> , 2009, 361, 455-467.	13.9	2,873
2	Spread of Artemisinin Resistance in <i>Plasmodium falciparum</i> Malaria. <i>New England Journal of Medicine</i> , 2014, 371, 411-423.	13.9	1,753
3	Effect of Hydroxychloroquine in Hospitalized Patients with Covid-19. <i>New England Journal of Medicine</i> , 2020, 383, 2030-2040.	13.9	1,013
4	Dihydroartemisinin-piperazine resistance in <i>Plasmodium falciparum</i> malaria in Cambodia: a multisite prospective cohort study. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 357-365.	4.6	381
5	Evidence of <i>Plasmodium falciparum</i> Malaria Multidrug Resistance to Artemisinin and Piperazine in Western Cambodia: Dihydroartemisinin-Piperazine Open-Label Multicenter Clinical Assessment. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4719-4726.	1.4	254
6	Determinants of dihydroartemisinin-piperazine treatment failure in <i>Plasmodium falciparum</i> malaria in Cambodia, Thailand, and Vietnam: a prospective clinical, pharmacological, and genetic study. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 952-961.	4.6	252
7	Triple artemisinin-based combination therapies versus artemisinin-based combination therapies for uncomplicated <i>Plasmodium falciparum</i> malaria: a multicentre, open-label, randomised clinical trial. <i>Lancet</i> , The, 2020, 395, 1345-1360.	6.3	182
8	Reduced Susceptibility of <i>Plasmodium falciparum</i> to Artesunate in Southern Myanmar. <i>PLoS ONE</i> , 2013, 8, e57689.	1.1	177
9	Intrahost modeling of artemisinin resistance in <i>Plasmodium falciparum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 397-402.	3.3	154
10	<i>Plasmodium falciparum</i> Drug Resistance Phenotype as Assessed by Patient Antimalarial Drug Levels and Its Association With <i>pfmdr1</i> Polymorphisms. <i>Journal of Infectious Diseases</i> , 2013, 207, 842-847.	1.9	99
11	Population Pharmacokinetics of Lumefantrine in Pregnant Women Treated with Artemether-Lumefantrine for Uncomplicated <i>Plasmodium falciparum</i> Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3837-3846.	1.4	96
12	Population Pharmacokinetics of Dihydroartemisinin and Piperazine in Pregnant and Nonpregnant Women with Uncomplicated Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1997-2007.	1.4	88
13	COVID-19 prevention and treatment: A critical analysis of chloroquine and hydroxychloroquine clinical pharmacology. <i>PLoS Medicine</i> , 2020, 17, e1003252.	3.9	86
14	The oral protease inhibitor (PF-07321332) protects Syrian hamsters against infection with SARS-CoV-2 variants of concern. <i>Nature Communications</i> , 2022, 13, 719.	5.8	86
15	Contrasting benefits of different artemisinin combination therapies as first-line malaria treatments using model-based cost-effectiveness analysis. <i>Nature Communications</i> , 2014, 5, 5606.	5.8	85
16	Screening of phytochemicals and in vitro evaluation of antibacterial and antioxidant activities of leaves, pods and bark extracts of <i>Acacia nilotica</i> (L.) Del.. <i>Industrial Crops and Products</i> , 2015, 77, 873-882.	2.5	81
17	Pharmacokinetic Interactions between Primaquine and Chloroquine. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3354-3359.	1.4	78
18	Significant pharmacokinetic interactions between artemether/lumefantrine and efavirenz or nevirapine in HIV-infected Ugandan adults. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2213-2221.	1.3	77

#	ARTICLE	IF	CITATIONS
19	Treatment Failure of Dihydroartemisinin/Piperaquine for <i>Plasmodium falciparum</i> Malaria, Vietnam. <i>Emerging Infectious Diseases</i> , 2017, 23, 715-717.	2.0	76
20	Pitfalls in Estimating Piperaquine Elimination. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 5127-5128.	1.4	63
21	Randomized, Double-Blind, Placebo-Controlled Trial of Monthly versus Bimonthly Dihydroartemisinin-Piperaquine Chemoprevention in Adults at High Risk of Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1571-1577.	1.4	62
22	Combination Therapy with Amantadine, Oseltamivir and Ribavirin for Influenza a Infection: Safety and Pharmacokinetics. <i>Antiviral Therapy</i> , 2013, 18, 377-386.	0.6	61
23	Artesunate/dihydroartemisinin pharmacokinetics in acute falciparum malaria in pregnancy: absorption, bioavailability, disposition and disease effects. <i>British Journal of Clinical Pharmacology</i> , 2012, 73, 467-477.	1.1	60
24	Pharmacokinetics of Dihydroartemisinin and Piperaquine in Pregnant and Nonpregnant Women with Uncomplicated Falciparum Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5500-5506.	1.4	59
25	Antibacterial Activities and Possible Modes of Action of <i>Acacia nilotica</i> (L.) Del. against Multidrug-Resistant <i>Escherichia coli</i> and <i>Salmonella</i> . <i>Molecules</i> , 2017, 22, 47.	1.7	59
26	Randomized Noninferiority Trial of Dihydroartemisinin-Piperaquine Compared with Sulfadoxine-Pyrimethamine plus Amodiaquine for Seasonal Malaria Chemoprevention in Burkina Faso. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4387-4396.	1.4	58
27	Pharmacokinetic Properties of Anti-Influenza Neuraminidase Inhibitors. <i>Journal of Clinical Pharmacology</i> , 2013, 53, 119-139.	1.0	54
28	Comparison of the Cumulative Efficacy and Safety of Chloroquine, Artesunate, and Chloroquine-Primaquine in <i>Plasmodium vivax</i> Malaria. <i>Clinical Infectious Diseases</i> , 2018, 67, 1543-1549.	2.9	52
29	Population Pharmacokinetic Properties of Piperaquine in Falciparum Malaria: An Individual Participant Data Meta-Analysis. <i>PLoS Medicine</i> , 2017, 14, e1002212.	3.9	50
30	Chloroquine Versus Dihydroartemisinin-Piperaquine With Standard High-dose Primaquine Given Either for 7 Days or 14 Days in <i>Plasmodium vivax</i> Malaria. <i>Clinical Infectious Diseases</i> , 2019, 68, 1311-1319.	2.9	49
31	Effect of High-Dose or Split-Dose Artesunate on Parasite Clearance in Artemisinin-Resistant Falciparum Malaria. <i>Clinical Infectious Diseases</i> , 2013, 56, e48-e58.	2.9	48
32	Artemether-lumefantrine dosing for malaria treatment in young children and pregnant women: A pharmacokinetic-pharmacodynamic meta-analysis. <i>PLoS Medicine</i> , 2018, 15, e1002579.	3.9	47
33	Clinical presentations, diagnosis, mortality and prognostic markers of tuberculous meningitis in Vietnamese children: a prospective descriptive study. <i>BMC Infectious Diseases</i> , 2016, 16, 573.	1.3	46
34	Ivermectin susceptibility and sporontocidal effect in Greater Mekong Subregion Anopheles. <i>Malaria Journal</i> , 2017, 16, 280.	0.8	46
35	In vitro antioxidant and antimalarial activities of leaves, pods and bark extracts of <i>Acacia nilotica</i> (L.) Del.. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 372.	3.7	46
36	Pharmacokinetics of Amodiaquine and Desethylamodiaquine in Pregnant and Postpartum Women with <i>Plasmodium vivax</i> Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4338-4342.	1.4	45

#	ARTICLE	IF	CITATIONS
37	Population Pharmacokinetic and Pharmacodynamic Modeling of Amodiaquine and Desethylamodiaquine in Women with Plasmodium vivax Malaria during and after Pregnancy. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5764-5773.	1.4	44
38	Artemether+lumefantrine co-administration with antiretrovirals: population pharmacokinetics and dosing implications. <i>British Journal of Clinical Pharmacology</i> , 2015, 79, 636-649.	1.1	44
39	Acetaminophen as a Renoprotective Adjunctive Treatment in Patients With Severe and Moderately Severe Falciparum Malaria: A Randomized, Controlled, Open-Label Trial. <i>Clinical Infectious Diseases</i> , 2018, 67, 991-999.	2.9	44
40	Lopinavir/ritonavir significantly influences pharmacokinetic exposure of artemether/lumefantrine in HIV-infected Ugandan adults. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1217-1223.	1.3	43
41	Open-Label Crossover Study of Primaquine and Dihydroartemisinin-Piperaquine Pharmacokinetics in Healthy Adult Thai Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7340-7346.	1.4	42
42	Pharmacokinetic Properties of Artemether, Dihydroartemisinin, Lumefantrine, and Quinine in Pregnant Women with Uncomplicated Plasmodium falciparum Malaria in Uganda. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5096-5103.	1.4	41
43	Pharmacokinetic Interactions between Primaquine and Pyronaridine-Artesunate in Healthy Adult Thai Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 505-513.	1.4	41
44	Inhibition of merozoite invasion and transient de-sequestration by sevuparin in humans with Plasmodium falciparum malaria. <i>PLoS ONE</i> , 2017, 12, e0188754.	1.1	41
45	Na ⁺ -ve-pooled pharmacokinetic analysis of pyrazinamide, isoniazid and rifampicin in plasma and cerebrospinal fluid of Vietnamese children with tuberculous meningitis. <i>BMC Infectious Diseases</i> , 2016, 16, 144.	1.3	40
46	A population pharmacokinetic model of piperaquine in pregnant and non-pregnant women with uncomplicated Plasmodium falciparum malaria in Sudan. <i>Malaria Journal</i> , 2012, 11, 398.	0.8	39
47	Population pharmacokinetics of Artemether and dihydroartemisinin in pregnant women with uncomplicated Plasmodium falciparum malaria in Uganda. <i>Malaria Journal</i> , 2012, 11, 293.	0.8	38
48	The effect of dosing strategies on the therapeutic efficacy of artesunate-amodiaquine for uncomplicated malaria: a meta-analysis of individual patient data. <i>BMC Medicine</i> , 2015, 13, 66.	2.3	37
49	Promising approach to reducing Malaria transmission by ivermectin: Sporontocidal effect against Plasmodium vivax in the South American vectors Anopheles aquasalis and Anopheles darlingi. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006221.	1.3	37
50	Pharmacokinetics of Piperaquine in Pregnant Women in Sudan with Uncomplicated Plasmodium falciparum Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 35-40.	0.6	36
51	Phase 2a, open-label, dose-escalating, multi-center pharmacokinetic study of favipiravir (T-705) in combination with oseltamivir in patients with severe influenza. <i>EBioMedicine</i> , 2020, 62, 103125.	2.7	36
52	Modeling the dynamics of Plasmodium falciparum gametocytes in humans during malaria infection. <i>ELife</i> , 2019, 8, .	2.8	36
53	Randomized Comparison of the Efficacies and Tolerabilities of Three Artemisinin-Based Combination Treatments for Children with Acute Plasmodium falciparum Malaria in the Democratic Republic of the Congo. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5528-5536.	1.4	35
54	Identifying the Components of Acidosis in Patients With Severe Plasmodium falciparum Malaria Using Metabolomics. <i>Journal of Infectious Diseases</i> , 2019, 219, 1766-1776.	1.9	35

#	ARTICLE	IF	CITATIONS
55	Liquid chromatographicâ€“mass spectrometric method for simultaneous determination of small organic acids potentially contributing to acidosis in severe malaria. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 941, 116-122.	1.2	33
56	Pharmacokinetics of co-formulated mefloquine and artesunate in pregnant and non-pregnant women with uncomplicated Plasmodium falciparum infection in Burkina Faso. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2499-2507.	1.3	31
57	Treatment of uncomplicated and severe malaria during pregnancy. <i>Lancet Infectious Diseases</i> , The, 2018, 18, e133-e146.	4.6	31
58	Comparison of plasma, venous and capillary blood levels of piperaquine in patients with uncomplicated falciparum malaria. <i>European Journal of Clinical Pharmacology</i> , 2010, 66, 705-712.	0.8	30
59	Safety, Pharmacokinetics, and Mosquitoâ€“Lethal Effects of Ivermectin in Combination With Dihydroartemisininâ€“Piperaquine and Primaquine in Healthy Adult Thai Subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 1221-1230.	2.3	30
60	Opposite malaria and pregnancy effect on oral bioavailability of artesunate â€“ a population pharmacokinetic evaluation. <i>British Journal of Clinical Pharmacology</i> , 2015, 80, 642-653.	1.1	29
61	Treatment of Malaria in Pregnancy. <i>New England Journal of Medicine</i> , 2016, 374, 981-982.	13.9	28
62	Population pharmacokinetics and electrocardiographic effects of dihydroartemisininâ€“piperaquine in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2752-2766.	1.1	28
63	Optimal dosing of dihydroartemisinin-piperaquine for seasonal malaria chemoprevention in young children. <i>Nature Communications</i> , 2019, 10, 480.	5.8	28
64	Pharmacokinetics and Pharmacodynamics of Intensive Antituberculosis Treatment of Tuberculous Meningitis. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 1023-1033.	2.3	28
65	Does Artesunate Prolong the Electrocardiograph QT Interval in Patients with Severe Malaria?. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 80, 126-132.	0.6	28
66	Pharmacokinetics of artemether and dihydroartemisinin in healthy Pakistani male volunteers treated with artemether-lumefantrine. <i>Malaria Journal</i> , 2010, 9, 275.	0.8	27
67	Lumefantrine and Desbutyl-Lumefantrine Population Pharmacokinetic-Pharmacodynamic Relationships in Pregnant Women with Uncomplicated Plasmodium falciparum Malaria on the Thailand-Myanmar Border. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6375-6384.	1.4	27
68	Estimation of the <i>In Vivo</i> MIC of Cipargamin in Uncomplicated Plasmodium falciparum Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	27
69	Severe Acute Malnutrition Results in Lower Lumefantrine Exposure in Children Treated With Artemetherâ€“Lumefantrine for Uncomplicated Malaria. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 1299-1309.	2.3	27
70	Triple therapy with artemetherâ€“lumefantrine plus amodiaquine versus artemetherâ€“lumefantrine alone for artemisinin-resistant, uncomplicated falciparum malaria: an open-label, randomised, multicentre trial. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 867-878.	4.6	27
71	A Small Amount of Fat Does Not Affect Piperaquine Exposure in Patients with Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3971-3976.	1.4	26
72	Primaquine Pharmacokinetics in Lactating Women and Breastfed Infant Exposures. <i>Clinical Infectious Diseases</i> , 2018, 67, 1000-1007.	2.9	26

#	ARTICLE	IF	CITATIONS
73	High sensitivity methods to quantify chloroquine and its metabolite in human blood samples using LC-MS/MS. <i>Bioanalysis</i> , 2019, 11, 333-347.	0.6	26
74	Structure-switching aptamer sensors for the specific detection of piperazine and mefloquine. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	26
75	The status of pharmacometrics in pregnancy: highlights from the 3 rd American conference on pharmacometrics. <i>British Journal of Clinical Pharmacology</i> , 2012, 74, 932-939.	1.1	25
76	Benefits of a Pharmacology Antimalarial Reference Standard and Proficiency Testing Program Provided by the Worldwide Antimalarial Resistance Network (WWARN). <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3889-3894.	1.4	25
77	Efficacy and tolerability of artemisinin-based and quinine-based treatments for uncomplicated falciparum malaria in pregnancy: a systematic review and individual patient data meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 943-952.	4.6	25
78	Population Pharmacokinetic Assessment of the Effect of Food on Piperazine Bioavailability in Patients with Uncomplicated Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2052-2058.	1.4	22
79	Population pharmacokinetics of quinine in pregnant women with uncomplicated Plasmodium falciparum malaria in Uganda. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 3033-3040.	1.3	22
80	A Randomized Controlled Trial of Three- versus Five-Day Artemether-Lumefantrine Regimens for Treatment of Uncomplicated Plasmodium falciparum Malaria in Pregnancy in Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	22
81	Pharmacokinetics of Orally Administered Oseltamivir in Healthy Obese and Nonobese Thai Subjects. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1615-1621.	1.4	21
82	Population pharmacokinetic properties of artemisinin in healthy male Vietnamese volunteers. <i>Malaria Journal</i> , 2016, 15, 90.	0.8	21
83	Model-Informed Drug Development for Malaria Therapeutics. <i>Annual Review of Pharmacology and Toxicology</i> , 2018, 58, 567-582.	4.2	21
84	Population Pharmacokinetics of the Antimalarial Amodiaquine: a Pooled Analysis To Optimize Dosing. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	21
85	High-Dose Chloroquine for Uncomplicated Plasmodium falciparum Malaria Is Well Tolerated and Causes Similar QT Interval Prolongation as Standard-Dose Chloroquine in Children. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	21
86	Identification of the metabolites of ivermectin in humans. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00712.	1.1	21
87	Concentration-dependent mortality of chloroquine in overdose. <i>ELife</i> , 2020, 9, .	2.8	21
88	Enantiospecific pharmacokinetics and drug-drug interactions of primaquine and blood-stage antimalarial drugs. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3102-3113.	1.3	20
89	Adherence and Population Pharmacokinetic Properties of Amodiaquine When Used for Seasonal Malaria Chemoprevention in African Children. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 1179-1188.	2.3	20
90	Factors affecting the electrocardiographic QT interval in malaria: A systematic review and meta-analysis of individual patient data. <i>PLoS Medicine</i> , 2020, 17, e1003040.	3.9	20

#	ARTICLE	IF	CITATIONS
91	Arterolaneâ€“piperazineâ€“mefloquine versus arterolaneâ€“piperazine and artemetherâ€“lumefantrine in the treatment of uncomplicated Plasmodium falciparum malaria in Kenyan children: a single-centre, open-label, randomised, non-inferiority trial. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1395-1406.	4.6	20
92	Population pharmacokinetics of oseltamivir and oseltamivir carboxylate in obese and nonâ€“obese volunteers. <i>British Journal of Clinical Pharmacology</i> , 2016, 81, 1103-1112.	1.1	19
93	Disposition of amodiaquine and desethylamodiaquine in HIV-infected Nigerian subjects on nevirapine-containing antiretroviral therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1370-1376.	1.3	18
94	Characterization of an in vivo concentration-effect relationship for piperazine in malaria chemoprevention. <i>Science Translational Medicine</i> , 2014, 6, 260ra147.	5.8	18
95	Population Pharmacokinetic Properties of Sulfadoxine and Pyrimethamine: a Pooled Analysis To Inform Optimal Dosing in African Children with Uncomplicated Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	18
96	Does artesunate prolong the electrocardiograph QT interval in patients with severe malaria?. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 80, 126-32.	0.6	18
97	Orally Formulated Artemisinin in Healthy Fasting Vietnamese Male Subjects: A Randomized, Four-Sequence, Open-Label, Pharmacokinetic Crossover Study. <i>Clinical Therapeutics</i> , 2011, 33, 644-654.	1.1	17
98	Pharmacokinetic-Pharmacodynamic Assessment of the Hepatic and Bone Marrow Toxicities of the New Trypanoside Fexinidazole. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	17
99	Amino acid derangements in adults with severe falciparum malaria. <i>Scientific Reports</i> , 2019, 9, 6602.	1.6	17
100	Population Pharmacokinetic Properties of Antituberculosis Drugs in Vietnamese Children with Tuberculous Meningitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	1.4	17
101	Ribavirin for treating Lassa fever: A systematic review of pre-clinical studies and implications for human dosing. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010289.	1.3	17
102	Optimal designs for population pharmacokinetic studies of the partner drugs co-administered with artemisinin derivatives in patients with uncomplicated falciparum malaria. <i>Malaria Journal</i> , 2012, 11, 143.	0.8	16
103	Efficacy and Day 7 Plasma Piperazine Concentrations in African Children Treated for Uncomplicated Malaria with Dihydroartemisinin-Piperazine. <i>PLoS ONE</i> , 2014, 9, e103200.	1.1	16
104	Prediction of Improved Antimalarial Chemoprevention with Weekly Dosing of Dihydroartemisinin-Piperazine. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	16
105	Drug Interactions between Dolutegravir and Artemether-Lumefantrine or Artesunate-Amodiaquine. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	16
106	Optimization of dosing regimens of isoniazid and rifampicin in children with tuberculosis in India. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 644-654.	1.1	16
107	The role of previously unmeasured organic acids in the pathogenesis of severe malaria. <i>Critical Care</i> , 2015, 19, 317.	2.5	15
108	Population Pharmacokinetics of Artemether, Dihydroartemisinin, and Lumefantrine in Rwandese Pregnant Women Treated for Uncomplicated Plasmodium falciparum Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	15

#	ARTICLE	IF	CITATIONS
109	Population pharmacokinetic and pharmacodynamic properties of artesunate in patients with artemisinin sensitive and resistant infections in Southern Myanmar. <i>Malaria Journal</i> , 2018, 17, 126.	0.8	15
110	Optimal designs for population pharmacokinetic studies of oral artesunate in patients with uncomplicated falciparum malaria. <i>Malaria Journal</i> , 2011, 10, 181.	0.8	14
111	An Individual Participant Data Population Pharmacokinetic Meta-analysis of Drug-Drug Interactions between Lumefantrine and Commonly Used Antiretroviral Treatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	14
112	Population Pharmacokinetic and Pharmacodynamic Modeling of Artemisinin Resistance in Southeast Asia. <i>AAPS Journal</i> , 2017, 19, 1842-1854.	2.2	12
113	Characterizing Blood-Stage Antimalarial Drug MIC Values <i>In Vivo</i> Using Reinfection Patterns. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	12
114	Pharmacokinetics of Oral Tenofovir Disoproxil Fumarate in Pregnancy and Lactation: A Systematic Review. <i>Antiviral Therapy</i> , 2019, 24, 529-540.	0.6	12
115	Pharmacokinetic Study of Rectal Artesunate in Children with Severe Malaria in Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	11
116	Quantification of the antimalarial piperazine in plasma. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, 409-411.	0.7	10
117	Population Pharmacokinetic and Pharmacodynamic Properties of Intramuscular Quinine in Tanzanian Children with Severe Falciparum Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 775-783.	1.4	10
118	Piperazine Pharmacokinetics during Intermittent Preventive Treatment for Malaria in Pregnancy. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	10
119	Determinants of Primaquine and Carboxyprimaquine Exposures in Children and Adults with <i>Plasmodium vivax</i> Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0130221.	1.4	10
120	The Effect of Regularly Dosed Acetaminophen vs No Acetaminophen on Renal Function in <i>Plasmodium knowlesi</i> Malaria (PACKNOW): A Randomized, Controlled Trial. <i>Clinical Infectious Diseases</i> , 2022, 75, 1379-1388.	2.9	10
121	A robust design for identification of the Parasite Clearance Estimator. <i>Malaria Journal</i> , 2013, 12, 410.	0.8	9
122	Population Pharmacokinetic Modeling of Tribendimidine Metabolites in <i>Opisthorchis viverrini</i> -Infected Adults. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5695-5704.	1.4	9
123	Acidosis and acute kidney injury in severe malaria. <i>Malaria Journal</i> , 2018, 17, 128.	0.8	9
124	A validation study of microscopy versus quantitative PCR for measuring <i>Plasmodium falciparum</i> parasitemia. <i>Tropical Medicine and Health</i> , 2019, 47, 49.	1.0	9
125	Sequential Open-Label Study of the Safety, Tolerability, and Pharmacokinetic Interactions between Dihydroartemisinin-Piperazine and Mefloquine in Healthy Thai Adults. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	9
126	Combining antimalarial drugs and vaccine for malaria elimination campaigns: a randomized safety and immunogenicity trial of RTS,S/AS01 administered with dihydroartemisinin, piperazine, and primaquine in healthy Thai adult volunteers. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 33-41.	1.4	9

#	ARTICLE	IF	CITATIONS
127	Pharmacokinetic considerations in seasonal malaria chemoprevention. Trends in Parasitology, 2022, 38, 673-682.	1.5	9
128	Clinical trials of artesunate plus sulfadoxine-pyrimethamine for Plasmodium falciparum malaria in Afghanistan: maintained efficacy a decade after introduction. Malaria Journal, 2016, 15, 121.	0.8	8
129	Quantitation of paracetamol by liquid chromatography–mass spectrometry in human plasma in support of clinical trial. Future Science OA, 2018, 4, FSO331.	0.9	8
130	Study protocol: an open-label individually randomised controlled trial to assess the efficacy of artemether-lumefantrine prophylaxis for malaria among forest goers in Cambodia. BMJ Open, 2021, 11, e045900.	0.8	7
131	Statistical Power Calculations for Mixed Pharmacokinetic Study Designs Using a Population Approach. AAPS Journal, 2014, 16, 1110-1118.	2.2	6
132	Quantification of the antimalarial drug pyronaridine in whole blood using LC–MS/MS – Increased sensitivity resulting from reduced non-specific binding. Journal of Pharmaceutical and Biomedical Analysis, 2017, 146, 214-219.	1.4	6
133	Pooled Population Pharmacokinetic Analysis of Tribendimidine for the Treatment of <i>Opisthorchis viverrini</i> Infections. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	6
134	High Cure Rates for Hepatitis C Virus Genotype 6 in Advanced Liver Fibrosis With 12 Weeks Sofosbuvir and Daclatasvir: The Vietnam SEARCH Study. Open Forum Infectious Diseases, 2021, 8, ofab267.	0.4	6
135	Pooled Multicenter Analysis of Cardiovascular Safety and Population Pharmacokinetic Properties of Piperaquine in African Patients with Uncomplicated Falciparum Malaria. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	5
136	A Physiologically-Based Pharmacokinetic Framework for Prediction of Drug Exposure in Malnourished Children. Pharmaceutics, 2021, 13, 204.	2.0	5
137	Metabolomics reveal alterations in arachidonic acid metabolism in Schistosoma mekongi after exposure to praziquantel. PLoS Neglected Tropical Diseases, 2021, 15, e0009706.	1.3	5
138	Determination of ceftriaxone in human plasma using liquid chromatography–tandem mass spectrometry. Wellcome Open Research, 0, 4, 47.	0.9	5
139	Pharmacokinetic properties of intramuscular versus oral syrup paracetamol in Plasmodium falciparum malaria. Malaria Journal, 2016, 15, 244.	0.8	4
140	Effect of Antiretroviral Therapy on Plasma Concentrations of Chloroquine and Desethyl-chloroquine. Clinical Infectious Diseases, 2018, 67, 1617-1620.	2.9	4
141	Piperaquine concentration and malaria treatment outcomes in Ugandan children treated for severe malaria with intravenous Artesunate or quinine plus Dihydroartemisinin-Piperaquine. BMC Infectious Diseases, 2019, 19, 1025.	1.3	4
142	Differential Impact of Nevirapine on Artemether-Lumefantrine Pharmacokinetics in Individuals Stratified by <i>CYP2B6</i> c.516G>T Genotypes. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	4
143	<i>CYP2B6</i> *6 Genotype Specific Differences in Artemether–Lumefantrine Disposition in Healthy Volunteers. Journal of Clinical Pharmacology, 2020, 60, 351-360.	1.0	3
144	Semimechanistic Pharmacokinetic and Pharmacodynamic Modeling of Piperaquine in a Volunteer Infection Study with Plasmodium falciparum Blood-Stage Malaria. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	3

#	ARTICLE	IF	CITATIONS
145	High-throughput quantitation method for amodiaquine and desethylamodiaquine in plasma using supported liquid extraction technology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122887.	1.2	3
146	Development of weight and age-based dosing of daily primaquine for radical cure of vivax malaria. <i>Malaria Journal</i> , 2021, 20, 366.	0.8	3
147	Pharmacometric and Electrocardiographic Evaluation of Chloroquine and Azithromycin in Healthy Volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 112, 824-835.	2.3	3
148	Determination of ceftriaxone in human plasma using liquid chromatography-tandem mass spectrometry. <i>Wellcome Open Research</i> , 0, 4, 47.	0.9	3
149	Simultaneous and enantiospecific quantification of primaquine and carboxyprimaquine in human plasma using liquid chromatography-tandem mass spectrometry. <i>Malaria Journal</i> , 2022, 21, .	0.8	3
150	Determination of ceftriaxone in human plasma using liquid chromatography-tandem mass spectrometry. <i>Wellcome Open Research</i> , 0, 4, 47.	0.9	2
151	Drug development for the treatment of onchocerciasis: Population pharmacokinetic and adverse events modeling of emodepside. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010219.	1.3	2
152	Development and Validation of an <i>In Silico</i> Decision Tool To Guide Optimization of Intravenous Artesunate Dosing Regimens for Severe Falciparum Malaria Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	1
153	Population pharmacokinetics of artesunate and dihydroartemisinin in pregnant and non-pregnant women with uncomplicated Plasmodium falciparum malaria in Burkina Faso: an open label trial. <i>Wellcome Open Research</i> , 2019, 4, 45.	0.9	1
154	Assessment of the amino acid profile in Thai patients with type 2 diabetes mellitus using liquid chromatography-mass spectrometry. <i>International Health</i> , 2021, 13, 367-373.	0.8	1
155	Mechanistic Modeling of Primaquine Pharmacokinetics, Gametocytocidal Activity, and Mosquito Infectivity. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 676-685.	2.3	1
156	Temporal distribution of Plasmodium falciparum recrudescence following artemisinin-based combination therapy: an individual participant data meta-analysis. <i>Malaria Journal</i> , 2022, 21, 106.	0.8	1
157	Response to "Pharmacometric Approach to Evaluate Drug Dosing Adherence". <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 24-25.	2.3	0
158	Clinically Relevant Drug Interactions for Malaria. , 2019, , 1-11.		0
159	Population pharmacokinetics of artesunate and dihydroartemisinin in pregnant and non-pregnant women with uncomplicated Plasmodium falciparum malaria in Burkina Faso: an open label trial. <i>Wellcome Open Research</i> , 0, 4, 45.	0.9	0
160	Population Pharmacodynamic Modeling of Eflornithine-Based Treatments Against Late-Stage Gambiense Human African Trypanosomiasis and Efficacy Predictions of L-eflornithine-Based Therapy. <i>AAPS Journal</i> , 2022, 24, 48.	2.2	0