

Francois H Nosten

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777
papers

42,951
citations

102
h-index

178
g-index

851
ext. papers

49,204
ext. citations

8
avg, IF

7.18
L-index

#	Paper	IF	Citations
777	Artemisinin resistance in Plasmodium falciparum malaria. <i>New England Journal of Medicine</i> , 2009 , 361, 455-67	59.2	2437
776	Spread of artemisinin resistance in Plasmodium falciparum malaria. <i>New England Journal of Medicine</i> , 2014 , 371, 411-23	59.2	1366
775	Epidemiology and burden of malaria in pregnancy. <i>Lancet Infectious Diseases</i> , 2007 , 7, 93-104	25.5	908
774	Spiroindolones, a potent compound class for the treatment of malaria. <i>Science</i> , 2010 , 329, 1175-80	33.3	883
773	Artesunate versus quinine for treatment of severe falciparum malaria: a randomised trial. <i>Lancet</i> , 2005 , 366, 717-25	40	793
772	Emergence of artemisinin-resistant malaria on the western border of Thailand: a longitudinal study. <i>Lancet</i> , 2012 , 379, 1960-6	40	664
771	Mefloquine resistance in Plasmodium falciparum and increased pfmdr1 gene copy number. <i>Lancet</i> , 2004 , 364, 438-447	40	624
770	Microsatellite markers reveal a spectrum of population structures in the malaria parasite Plasmodium falciparum. <i>Molecular Biology and Evolution</i> , 2000 , 17, 1467-82	8.3	603
769	Maternal antibodies block malaria. <i>Nature</i> , 1998 , 395, 851-2	50.4	478
768	Averting a malaria disaster. <i>Lancet</i> , 1999 , 353, 1965-7	40	416
767	Genetic architecture of artemisinin-resistant Plasmodium falciparum. <i>Nature Genetics</i> , 2015 , 47, 226-34	36.3	382
766	Artemisinin-Based Combination Treatment of Falciparum Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007 , 77, 181-192	3.2	381
765	Effects of artesunate-mefloquine combination on incidence of Plasmodium falciparum malaria and mefloquine resistance in western Thailand: a prospective study. <i>Lancet</i> , 2000 , 356, 297-302	40	376
764	Intercontinental spread of pyrimethamine-resistant malaria. <i>Science</i> , 2004 , 305, 1124	33.3	369
763	Multiple populations of artemisinin-resistant Plasmodium falciparum in Cambodia. <i>Nature Genetics</i> , 2013 , 45, 648-55	36.3	350
762	Analysis of Plasmodium falciparum diversity in natural infections by deep sequencing. <i>Nature</i> , 2012 , 487, 375-9	50.4	345
761	Effects of artemisinin derivatives on malaria transmissibility. <i>Lancet</i> , 1996 , 347, 1654-8	40	341

760	Independent emergence of artemisinin resistance mutations among <i>Plasmodium falciparum</i> in Southeast Asia. <i>Journal of Infectious Diseases</i> , 2015 , 211, 670-9	7	307
759	Spread of artemisinin-resistant <i>Plasmodium falciparum</i> in Myanmar: a cross-sectional survey of the K13 molecular marker. <i>Lancet Infectious Diseases</i> , 2015 , 15, 415-21	25.5	306
758	A major genome region underlying artemisinin resistance in malaria. <i>Science</i> , 2012 , 336, 79-82	33.3	304
757	Targeting <i>Plasmodium</i> PI(4)K to eliminate malaria. <i>Nature</i> , 2013 , 504, 248-253	50.4	291
756	The sick placenta-the role of malaria. <i>Placenta</i> , 2004 , 25, 359-78	3.4	278
755	Effects of <i>Plasmodium vivax</i> malaria in pregnancy. <i>Lancet</i> , 1999 , 354, 546-9	40	270
754	Dense genomic sampling identifies highways of pneumococcal recombination. <i>Nature Genetics</i> , 2014 , 46, 305-309	36.3	269
753	Pharmacokinetics and pharmacodynamics of lumefantrine (benflumetol) in acute <i>falciparum</i> malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 697-704	5.9	267
752	Malaria: current status of control, diagnosis, treatment, and a proposed agenda for research and development. <i>Lancet Infectious Diseases</i> , 2002 , 2, 564-73	25.5	259
751	Drug resistance. Population transcriptomics of human malaria parasites reveals the mechanism of artemisinin resistance. <i>Science</i> , 2015 , 347, 431-5	33.3	258
750	A selective sweep driven by pyrimethamine treatment in southeast asian malaria parasites. <i>Molecular Biology and Evolution</i> , 2003 , 20, 1526-36	8.3	256
749	Factors contributing to anemia after uncomplicated <i>falciparum</i> malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2001 , 65, 614-22	3.2	245
748	Two nonrecombining sympatric forms of the human malaria parasite <i>Plasmodium ovale</i> occur globally. <i>Journal of Infectious Diseases</i> , 2010 , 201, 1544-50	7	235
747	Global extent of chloroquine-resistant <i>Plasmodium vivax</i> : a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , 2014 , 14, 982-91	25.5	234
746	Molecular and pharmacological determinants of the therapeutic response to artemether-lumefantrine in multidrug-resistant <i>Plasmodium falciparum</i> malaria. <i>Clinical Infectious Diseases</i> , 2006 , 42, 1570-7	11.6	228
745	Relapses of <i>Plasmodium vivax</i> infection usually result from activation of heterologous hypnozoites. <i>Journal of Infectious Diseases</i> , 2007 , 195, 927-33	7	225
744	Artemisinin-based combination treatment of <i>falciparum</i> malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007 , 77, 181-92	3.2	222
743	Genetic loci associated with delayed clearance of <i>Plasmodium falciparum</i> following artemisinin treatment in Southeast Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 240-5	11.5	214

742	Cardiac effects of antimalarial treatment with halofantrine. <i>Lancet, The</i> , 1993 , 341, 1054-6	40	214
741	The pfmdr1 gene is associated with a multidrug-resistant phenotype in Plasmodium falciparum from the western border of Thailand. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 2943-9	5.9	212
740	The transcriptome of Plasmodium vivax reveals divergence and diversity of transcriptional regulation in malaria parasites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16290-5	11.5	197
739	The epidemiology of severe malaria in an area of low transmission in Thailand. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1997 , 91, 256-62	2	196
738	Malaria during pregnancy in an area of unstable endemicity. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1991 , 85, 424-9	2	196
737	Changes in the treatment responses to artesunate-mefloquine on the northwestern border of Thailand during 13 years of continuous deployment. <i>PLoS ONE</i> , 2009 , 4, e4551	3.7	195
736	Association of mutations in the Plasmodium falciparum Kelch13 gene (Pf3D7_1343700) with parasite clearance rates after artemisinin-based treatments—a WWARN individual patient data meta-analysis. <i>BMC Medicine</i> , 2019 , 17, 1	11.4	188
735	Genomic epidemiology of artemisinin resistant malaria. <i>ELife</i> , 2016 , 5,	8.9	186
734	Treatment of multidrug-resistant Plasmodium falciparum malaria with 3-day artesunate-mefloquine combination. <i>Journal of Infectious Diseases</i> , 1994 , 170, 971-7	7	182
733	Artemisinin combination therapy for vivax malaria. <i>Lancet Infectious Diseases, The</i> , 2010 , 10, 405-16	25.5	181
732	Lactic acidosis and hypoglycaemia in children with severe malaria: pathophysiological and prognostic significance. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1994 , 88, 67-73		179
731	Mefloquine-resistant falciparum malaria on the Thai-Burmese border. <i>Lancet, The</i> , 1991 , 337, 1140-3	40	179
730	Adverse effects in patients with acute falciparum malaria treated with artemisinin derivatives. <i>American Journal of Tropical Medicine and Hygiene</i> , 1999 , 60, 547-55	3.2	179
729	The relationship between age and the manifestations of and mortality associated with severe malaria. <i>Clinical Infectious Diseases</i> , 2008 , 47, 151-7	11.6	173
728	Spiroindolone KAE609 for falciparum and vivax malaria. <i>New England Journal of Medicine</i> , 2014 , 371, 403-10	59.2	171
727	The epidemiology of malaria in a Karen population on the western border of Thailand. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1996 , 90, 105-11	2	168
726	Risk factors for gametocyte carriage in uncomplicated falciparum malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 1999 , 60, 1019-23	3.2	168
725	Polymorphisms in Plasmodium falciparum chloroquine resistance transporter and multidrug resistance 1 genes: parasite risk factors that affect treatment outcomes for P. falciparum malaria after artemether-lumefantrine and artesunate-amodiaquine. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014 , 91, 833-843	3.2	167

724	Fake artesunate in southeast Asia. <i>Lancet, The</i> , 2001 , 357, 1948-50	40	167
723	International estimated fetal weight standards of the INTERGROWTH-21 Project. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 478-486	5.8	159
722	Adverse effects of falciparum and vivax malaria and the safety of antimalarial treatment in early pregnancy: a population-based study. <i>Lancet Infectious Diseases, The</i> , 2012 , 12, 388-96	25.5	153
721	Chloroquine resistant Plasmodium vivax: in vitro characterisation and association with molecular polymorphisms. <i>PLoS ONE</i> , 2007 , 2, e1089	3.7	150
720	High-throughput ultrasensitive molecular techniques for quantifying low-density malaria parasitemias. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3303-9	9.7	149
719	Clinical features and outcome of severe malaria in Gambian children. <i>Clinical Infectious Diseases</i> , 1995 , 21, 577-87	11.6	147
718	Adaptive copy number evolution in malaria parasites. <i>PLoS Genetics</i> , 2008 , 4, e1000243	6	144
717	Artemisinin antimalarials in pregnancy: a prospective treatment study of 539 episodes of multidrug-resistant Plasmodium falciparum. <i>Clinical Infectious Diseases</i> , 2001 , 33, 2009-16	11.6	143
716	Randomised double-blind placebo-controlled trial of SPf66 malaria vaccine in children in northwestern Thailand. Shoklo SPf66 Malaria Vaccine Trial Group. <i>Lancet, The</i> , 1996 , 348, 701-7	40	141
715	Efficacy of six doses of artemether-lumefantrine (benflumetol) in multidrug-resistant Plasmodium falciparum malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 1999 , 60, 936-42	3.2	138
714	Plasmodium falciparum antimalarial drug susceptibility on the north-western border of Thailand during five years of extensive use of artesunate-mefloquine. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2000 , 94, 537-44	2	137
713	Mefloquine prophylaxis prevents malaria during pregnancy: a double-blind, placebo-controlled study. <i>Journal of Infectious Diseases</i> , 1994 , 169, 595-603	7	135
712	Malaria burden and artemisinin resistance in the mobile and migrant population on the Thai-Myanmar border, 1999-2011: an observational study. <i>PLoS Medicine</i> , 2013 , 10, e1001398	11.6	133
711	Comprehensive identification of single nucleotide polymorphisms associated with beta-lactam resistance within pneumococcal mosaic genes. <i>PLoS Genetics</i> , 2014 , 10, e1004547	6	132
710	Halofantrine versus mefloquine in treatment of multidrug-resistant falciparum malaria. <i>Lancet, The</i> , 1993 , 341, 1044-9	40	132
709	The epidemiology of subclinical malaria infections in South-East Asia: findings from cross-sectional surveys in Thailand-Myanmar border areas, Cambodia, and Vietnam. <i>Malaria Journal</i> , 2015 , 14, 381	3.6	131
708	A rapid and robust tri-color flow cytometry assay for monitoring malaria parasite development. <i>Scientific Reports</i> , 2011 , 1, 118	4.9	131
707	Intrahost modeling of artemisinin resistance in Plasmodium falciparum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 397-402	11.5	131

706	Declining Efficacy of Artemisinin Combination Therapy Against <i>P. Falciparum</i> Malaria on the Thai-Myanmar Border (2003-2013): The Role of Parasite Genetic Factors. <i>Clinical Infectious Diseases</i> , 2016 , 63, 784-791	11.6	130
705	Antimalarial activity of artefenomel (OZ439), a novel synthetic antimalarial endoperoxide, in patients with <i>Plasmodium falciparum</i> and <i>Plasmodium vivax</i> malaria: an open-label phase 2 trial. <i>Lancet Infectious Diseases</i> , 2016 , 16, 61-69	25.5	126
704	Primaquine radical cure of <i>Plasmodium vivax</i> : a critical review of the literature. <i>Malaria Journal</i> , 2012 , 11, 280	3.6	126
703	Randomized comparison of artemether-benflumetol and artesunate-mefloquine in treatment of multidrug-resistant falciparum malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 1998 , 42, 135-9	5.9	126
702	Safety of the insect repellent N,N-diethyl-M-toluamide (DEET) in pregnancy. <i>American Journal of Tropical Medicine and Hygiene</i> , 2001 , 65, 285-9	3.2	126
701	Antimalarial drugs and pregnancy: safety, pharmacokinetics, and pharmacovigilance. <i>Lancet Infectious Diseases</i> , 2007 , 7, 136-44	25.5	124
700	Malaria in pregnancy and the endemicity spectrum: what can we learn?. <i>Trends in Parasitology</i> , 2004 , 20, 425-32	6.4	124
699	In vivo parasitological measures of artemisinin susceptibility. <i>Journal of Infectious Diseases</i> , 2010 , 201, 570-9	7	123
698	The antimalarial ferroquine: from bench to clinic. <i>Parasite</i> , 2011 , 18, 207-14	3	121
697	<i>Plasmodium vivax</i> : restricted tropism and rapid remodeling of CD71-positive reticulocytes. <i>Blood</i> , 2015 , 125, 1314-24	2.2	120
696	Recurrent gene amplification and soft selective sweeps during evolution of multidrug resistance in malaria parasites. <i>Molecular Biology and Evolution</i> , 2007 , 24, 562-73	8.3	120
695	Antimalarial drugs in pregnancy: a review. <i>Current Drug Safety</i> , 2006 , 1, 1-15	1.4	119
694	Improved detection of nasopharyngeal cocolonization by multiple pneumococcal serotypes by use of latex agglutination or molecular serotyping by microarray. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 1784-9	9.7	118
693	Combination therapy for malaria: the way forward?. <i>Drugs</i> , 2002 , 62, 1315-29	12.1	118
692	The pharmacokinetics of atovaquone and proguanil in pregnant women with acute falciparum malaria. <i>European Journal of Clinical Pharmacology</i> , 2003 , 59, 545-52	2.8	116
691	Genomic analysis of local variation and recent evolution in <i>Plasmodium vivax</i> . <i>Nature Genetics</i> , 2016 , 48, 959-964	36.3	115
690	Malaria in pregnancy in the Asia-Pacific region. <i>Lancet Infectious Diseases</i> , 2012 , 12, 75-88	25.5	115
689	Artemether-lumefantrine versus dihydroartemisinin-piperaquine for treatment of malaria: a randomized trial. <i>PLOS Clinical Trials</i> , 2007 , 2, e20		115

688	Application of genetic markers to the identification of recrudescence of <i>Plasmodium falciparum</i> infections on the northwestern border of Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 1999 , 60, 14-21	3.2	113
687	Manslaughter by fake artesunate in Asia--will Africa be next?. <i>PLoS Medicine</i> , 2006 , 3, e197	11.6	111
686	<i>Plasmodium vivax</i> recurrence following <i>falciparum</i> and mixed species malaria: risk factors and effect of antimalarial kinetics. <i>Clinical Infectious Diseases</i> , 2011 , 52, 612-20	11.6	108
685	The effects of mefloquine treatment in pregnancy. <i>Clinical Infectious Diseases</i> , 1999 , 28, 808-15	11.6	108
684	Artemisinin resistance in <i>Plasmodium falciparum</i> is associated with an altered temporal pattern of transcription. <i>BMC Genomics</i> , 2011 , 12, 391	4.5	107
683	Artemether-lumefantrine for the treatment of multidrug-resistant <i>falciparum</i> malaria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2000 , 94, 545-8	2	106
682	A reliable ex vivo invasion assay of human reticulocytes by <i>Plasmodium vivax</i> . <i>Blood</i> , 2011 , 118, e74-81	2.2	105
681	Effects of malaria during pregnancy on infant mortality in an area of low malaria transmission. <i>American Journal of Epidemiology</i> , 2001 , 154, 459-65	3.8	105
680	Exploring the contribution of candidate genes to artemisinin resistance in <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2886-92	5.9	104
679	Artesunate/mefloquine treatment of multi-drug resistant <i>falciparum</i> malaria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1997 , 91, 574-7	2	104
678	A randomised controlled trial of artemether-lumefantrine versus artesunate for uncomplicated <i>plasmodium falciparum</i> treatment in pregnancy. <i>PLoS Medicine</i> , 2008 , 5, e253	11.6	104
677	How much fat is necessary to optimize lumefantrine oral bioavailability?. <i>Tropical Medicine and International Health</i> , 2007 , 12, 195-200	2.3	102
676	Deployment of early diagnosis and mefloquine-artesunate treatment of <i>falciparum</i> malaria in Thailand: the Tak Malaria Initiative. <i>PLoS Medicine</i> , 2006 , 3, e183	11.6	102
675	Association of the Quick Sequential (Sepsis-Related) Organ Failure Assessment (qSOFA) Score With Excess Hospital Mortality in Adults With Suspected Infection in Low- and Middle-Income Countries. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 2202-2211	27.4	102
674	Population genetic correlates of declining transmission in a human pathogen. <i>Molecular Ecology</i> , 2013 , 22, 273-85	5.7	101
673	KAF156 is an antimalarial clinical candidate with potential for use in prophylaxis, treatment, and prevention of disease transmission. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 5060-7	5.9	101
672	The pharmacokinetics of artemether and lumefantrine in pregnant women with uncomplicated <i>falciparum</i> malaria. <i>European Journal of Clinical Pharmacology</i> , 2006 , 62, 1021-31	2.8	101
671	Pregnancy and use of oral contraceptives reduces the biotransformation of proguanil to cycloguanil. <i>European Journal of Clinical Pharmacology</i> , 2003 , 59, 553-7	2.8	101

670	THE EFFECTS OF PLASMODIUM FALCIPARUM AND P. VIVAX INFECTIONS ON PLACENTAL HISTOPATHOLOGY IN AN AREA OF LOW MALARIA TRANSMISSION. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004 , 70, 398-407	3.2	101
669	Are transporter genes other than the chloroquine resistance locus (pfcrt) and multidrug resistance gene (pfmdr) associated with antimalarial drug resistance?. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 2180-8	5.9	100
668	Bed nets for the prevention of malaria and anaemia in pregnancy. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1993 , 87, 620-6	2	100
667	A randomized, controlled study of a simple, once-daily regimen of dihydroartemisinin-piperaquine for the treatment of uncomplicated, multidrug-resistant falciparum malaria. <i>Clinical Infectious Diseases</i> , 2005 , 41, 425-32	11.6	98
666	Effect of generalised access to early diagnosis and treatment and targeted mass drug administration on Plasmodium falciparum malaria in Eastern Myanmar: an observational study of a regional elimination programme. <i>Lancet, The</i> , 2018 , 391, 1916-1926	40	97
665	A randomized comparison of artesunate-atovaquone-proguanil versus quinine in treatment for uncomplicated falciparum malaria during pregnancy. <i>Journal of Infectious Diseases</i> , 2005 , 192, 846-53	7	97
664	Population pharmacokinetics of piperaquine after two different treatment regimens with dihydroartemisinin-piperaquine in patients with Plasmodium falciparum malaria in Thailand. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1052-61	5.9	96
663	Tafenoquine versus Primaquine to Prevent Relapse of Plasmodium vivax Malaria. <i>New England Journal of Medicine</i> , 2019 , 380, 229-241	59.2	96
662	Clinical features cannot predict a diagnosis of malaria or differentiate the infecting species in children living in an area of low transmission. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1998 , 92, 45-9	2	95
661	Amplification of pvmdr1 associated with multidrug-resistant Plasmodium vivax. <i>Journal of Infectious Diseases</i> , 2008 , 198, 1558-64	7	95
660	High-dose mefloquine in the treatment of multidrug-resistant falciparum malaria. <i>Journal of Infectious Diseases</i> , 1992 , 166, 1393-400	7	95
659	Randomized, controlled dose-optimization studies of dihydroartemisinin-piperaquine for the treatment of uncomplicated multidrug-resistant falciparum malaria in Thailand. <i>Journal of Infectious Diseases</i> , 2004 , 190, 1773-82	7	94
658	Efficacy and safety of artemether-lumefantrine compared with quinine in pregnant women with uncomplicated Plasmodium falciparum malaria: an open-label, randomised, non-inferiority trial. <i>Lancet Infectious Diseases, The</i> , 2010 , 10, 762-9	25.5	89
657	A longitudinal study of Streptococcus pneumoniae carriage in a cohort of infants and their mothers on the Thailand-Myanmar border. <i>PLoS ONE</i> , 2012 , 7, e38271	3.7	89
656	Population pharmacokinetics of lumefantrine in pregnant women treated with artemether-lumefantrine for uncomplicated Plasmodium falciparum malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 3837-46	5.9	88
655	Haemolysis in G6PD Heterozygous Females Treated with Primaquine for Plasmodium vivax Malaria: A Nested Cohort in a Trial of Radical Curative Regimens. <i>PLoS Medicine</i> , 2017 , 14, e1002224	11.6	87
654	Obstetric ultrasound scanning by local health workers in a refugee camp on the Thai-Burmese border. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009 , 34, 395-403	5.8	85
653	Randomized comparison of quinine-clindamycin versus artesunate in the treatment of falciparum malaria in pregnancy. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2001 , 95, 651-6 ²		85

652	Safety and efficacy of dihydroartemisinin-piperazine in falciparum malaria: a prospective multi-centre individual patient data analysis. <i>PLoS ONE</i> , 2009 , 4, e6358	3.7	84
651	Randomized comparison of mefloquine-artesunate versus quinine in the treatment of multidrug-resistant falciparum malaria in pregnancy. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2000 , 94, 689-93	2	84
650	A barcode of organellar genome polymorphisms identifies the geographic origin of Plasmodium falciparum strains. <i>Nature Communications</i> , 2014 , 5, 4052	17.4	83
649	Pharmacokinetics of dihydroartemisinin following oral artesunate treatment of pregnant women with acute uncomplicated falciparum malaria. <i>European Journal of Clinical Pharmacology</i> , 2006 , 62, 367-71	2.8	83
648	Numerical Distributions of Parasite Densities During Asymptomatic Malaria. <i>Journal of Infectious Diseases</i> , 2016 , 213, 1322-9	7	82
647	Performance of a High-Sensitivity Rapid Diagnostic Test for Malaria in Asymptomatic Individuals from Uganda and Myanmar and Naive Human Challenge Infections. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 97, 1540-1550	3.2	81
646	Combating multidrug-resistant Plasmodium falciparum malaria. <i>FEBS Journal</i> , 2017 , 284, 2569-2578	5.7	80
645	Population pharmacokinetics of dihydroartemisinin and piperazine in pregnant and nonpregnant women with uncomplicated malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1997-2007	5.9	80
644	Selection strength and hitchhiking around two anti-malarial resistance genes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005 , 272, 1153-61	4.4	80
643	Longitudinal genomic surveillance of Plasmodium falciparum malaria parasites reveals complex genomic architecture of emerging artemisinin resistance. <i>Genome Biology</i> , 2017 , 18, 78	18.3	79
642	Rectal pH in Well and Unwell Infants. <i>Journal of Tropical Pediatrics</i> , 2013 , 59, 162-162	1.2	78
641	Response to Ordi et al. <i>Journal of Infectious Diseases</i> , 2011 , 203, 1695-1696	7	78
640	Effective and cheap removal of leukocytes and platelets from Plasmodium vivax infected blood. <i>Malaria Journal</i> , 2009 , 8, 115	3.6	78
639	Efficacy and safety of dihydroartemisinin-piperazine. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007 , 101, 858-66	2	78
638	Field Evaluation of a Novel Colorimetric Method Double-Site Enzyme-Linked Lactate Dehydrogenase Immunodetection Assay to Determine Drug Susceptibilities of Plasmodium falciparum Clinical Isolates from Northwestern Thailand. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 3214-3214	5.9	78
637	The effect of dosing regimens on the antimalarial efficacy of dihydroartemisinin-piperazine: a pooled analysis of individual patient data. <i>PLoS Medicine</i> , 2013 , 10, e1001564; discussion e1001564	11.6	77
636	Malaria in children. <i>Lancet, The</i> , 2010 , 375, 1468-81	40	77
635	In vivo assessment of drug efficacy against Plasmodium falciparum malaria: duration of follow-up. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 4271-80	5.9	77

634	Significant biochemical, biophysical and metabolic diversity in circulating human cord blood reticulocytes. <i>PLoS ONE</i> , 2013 , 8, e76062	3.7	77
633	Gametocyte carriage in uncomplicated Plasmodium falciparum malaria following treatment with artemisinin combination therapy: a systematic review and meta-analysis of individual patient data. <i>BMC Medicine</i> , 2016 , 14, 79	11.4	77
632	A simple score to predict the outcome of severe malaria in adults. <i>Clinical Infectious Diseases</i> , 2010 , 50, 679-85	11.6	75
631	The effects of Plasmodium falciparum and P. vivax infections on placental histopathology in an area of low malaria transmission. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004 , 70, 398-407	3.2	75
630	The impact of targeted malaria elimination with mass drug administrations on falciparum malaria in Southeast Asia: A cluster randomised trial. <i>PLoS Medicine</i> , 2019 , 16, e1002745	11.6	74
629	A comprehensive model for assessment of liver stage therapies targeting Plasmodium vivax and Plasmodium falciparum. <i>Nature Communications</i> , 2018 , 9, 1837	17.4	74
628	Novel polymorphisms in Plasmodium falciparum ABC transporter genes are associated with major ACT antimalarial drug resistance. <i>PLoS ONE</i> , 2011 , 6, e20212	3.7	74
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