

Dennis E Kyle

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L-index

#	Paper	IF	Citations
209	Several alleles of the multidrug-resistance gene are closely linked to chloroquine resistance in <i>Plasmodium falciparum</i> . <i>Nature</i> , 1990 , 345, 255-8	50.4	499
208	Efflux of chloroquine from <i>Plasmodium falciparum</i> : mechanism of chloroquine resistance. <i>Science</i> , 1987 , 238, 1283-5	33.3	468
207	Malaria: progress, perils, and prospects for eradication. <i>Journal of Clinical Investigation</i> , 2008 , 118, 1266-76	76.9	427
206	Evidence for the shikimate pathway in apicomplexan parasites. <i>Nature</i> , 1998 , 393, 801-5	50.4	381
205	Clinical studies of atovaquone, alone or in combination with other antimalarial drugs, for treatment of acute uncomplicated malaria in Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 1996 , 54, 62-6	3.2	267
204	A novel multiple-stage antimalarial agent that inhibits protein synthesis. <i>Nature</i> , 2015 , 522, 315-20	50.4	250
203	Amplification of <i>pfmdr 1</i> associated with mefloquine and halofantrine resistance in <i>Plasmodium falciparum</i> from Thailand. <i>Molecular and Biochemical Parasitology</i> , 1993 , 57, 151-60	1.9	241
202	Reversal of chloroquine resistance in malaria parasite <i>Plasmodium falciparum</i> by desipramine. <i>Science</i> , 1988 , 242, 1301-3	33.3	215
201	Cardiac effects of antimalarial treatment with halofantrine. <i>Lancet, The</i> , 1993 , 341, 1054-6	40	214
200	Genetic diversity of <i>Plasmodium falciparum</i> histidine-rich protein 2 (PfHRP2) and its effect on the performance of PfHRP2-based rapid diagnostic tests. <i>Journal of Infectious Diseases</i> , 2005 , 192, 870-7	7	203
199	Artemisone--a highly active antimalarial drug of the artemisinin class. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2082-8	16.4	193
198	Triclosan inhibits the growth of <i>Plasmodium falciparum</i> and <i>Toxoplasma gondii</i> by inhibition of apicomplexan Fab I. <i>International Journal for Parasitology</i> , 2001 , 31, 109-13	4.3	175
197	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. <i>PLoS Pathogens</i> , 2016 , 12, e1005763	7.6	167
196	Artemisinin-induced dormancy in <i>Plasmodium falciparum</i> : duration, recovery rates, and implications in treatment failure. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1362-8	7	161
195	(+)-SJ733, a clinical candidate for malaria that acts through ATP4 to induce rapid host-mediated clearance of <i>Plasmodium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E5455-62	11.5	156
194	Quinolone-3-diarylethers: a new class of antimalarial drug. <i>Science Translational Medicine</i> , 2013 , 5, 177ra37	37.5	150
193	Evolution of a unique <i>Plasmodium falciparum</i> chloroquine-resistance phenotype in association with <i>pfprt</i> polymorphism in Papua New Guinea and South America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 12689-94	11.5	144

192	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	4.0	141
191	Randomised trial of artesunate and mefloquine alone and in sequence for acute uncomplicated falciparum malaria. <i>Lancet, The</i> , 1992 , 339, 821-4	4.0	125
190	Antimalarial peptides from marine cyanobacteria: isolation and structural elucidation of gallinamide A. <i>Journal of Natural Products</i> , 2009 , 72, 14-7	4.9	122
189	The shikimate pathway and its branches in apicomplexan parasites. <i>Journal of Infectious Diseases</i> , 2002 , 185 Suppl 1, S25-36	7	111
188	Oxindole-based compounds are selective inhibitors of Plasmodium falciparum cyclin dependent protein kinases. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3877-82	8.3	109
187	Mefloquine pharmacokinetic-pharmacodynamic models: implications for dosing and resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 3414-24	5.9	102
186	Cholic acid derivatives as 1,2,4,5-tetraoxane carriers: structure and antimalarial and antiproliferative activity. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 3274-82	8.3	97
185	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
184	Role of pfmdr1 amplification and expression in induction of resistance to artemisinin derivatives in Plasmodium falciparum. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2455-64	5.9	94
183	pfprt Allelic types with two novel amino acid mutations in chloroquine-resistant Plasmodium falciparum isolates from the Philippines. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 3500-5	5.9	94
182	Structure-activity relationships of analogs of pentamidine against Plasmodium falciparum and Leishmania mexicana amazonensis. <i>Antimicrobial Agents and Chemotherapy</i> , 1990 , 34, 1381-6	5.9	93
181	Endochin optimization: structure-activity and structure-property relationship studies of 3-substituted 2-methyl-4(1H)-quinolones with antimalarial activity. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 7076-94	8.3	81
180	Almiramides A-C: discovery and development of a new class of leishmaniasis lead compounds. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 4187-97	8.3	81
179	Polymorphisms in Plasmodium falciparum dhfr and dhps genes and age related in vivo sulfadoxine-pyrimethamine resistance in malaria-infected patients from Nigeria. <i>Acta Tropica</i> , 2005 , 95, 183-93	3.2	80
178	New class of small nonpeptidyl compounds blocks Plasmodium falciparum development in vitro by inhibiting plasmepsins. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 2577-84	5.9	80
177	Leishmania spp.: development of pentostam-resistant clones in vitro by discontinuous drug exposure. <i>Experimental Parasitology</i> , 1989 , 69, 78-90	2.1	79
176	Overcoming challenges to discover drugs for liver stages of Plasmodium vivax. <i>Malaria Journal</i> , 2014 , 13,	3.6	78
175	Artemisinin-resistant Plasmodium falciparum parasites exhibit altered patterns of development in infected erythrocytes. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 3156-67	5.9	76

174	Dragonamide E, a modified linear lipopeptide from <i>Lyngbya majuscula</i> with antileishmanial activity. <i>Journal of Natural Products</i> , 2010 , 73, 60-6	4.9	76
173	A comprehensive model for assessment of liver stage therapies targeting <i>Plasmodium vivax</i> and <i>Plasmodium falciparum</i> . <i>Nature Communications</i> , 2018 , 9, 1837	17.4	74
172	Synthesis and antimalarial activity of sixteen dispiro-1,2,4, 5-tetraoxanes: alkyl-substituted 7,8,15,16-tetraoxadispiro[5.2.5. 2]hexadecanes. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 2753-8	8.3	74
171	Evidence for mitochondrial-derived alternative oxidase in the apicomplexan parasite <i>Cryptosporidium parvum</i> : a potential anti-microbial agent target. <i>International Journal for Parasitology</i> , 2004 , 34, 297-308	4.3	73
170	Epigenetic tailoring for the production of anti-infective cytosporones from the marine fungus <i>Leucostoma personii</i> . <i>Marine Drugs</i> , 2012 , 10, 762-74	6	67
169	Antimalarial drugs reduce cytoadherence and rosetting <i>Plasmodium falciparum</i> . <i>Journal of Infectious Diseases</i> , 1996 , 173, 691-8	7	65
168	Artemisinin-induced parasite dormancy: a plausible mechanism for treatment failure. <i>Malaria Journal</i> , 2011 , 10, 56	3.6	62
167	Angiogenesis inhibitors specific for methionine aminopeptidase 2 as drugs for malaria and leishmaniasis. <i>Journal of Biomedical Science</i> , 2002 , 9, 34-40	13.3	62
166	Lead optimization of 3-carboxyl-4(1H)-quinolones to deliver orally bioavailable antimalarials. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 4205-19	8.3	61
165	Comparative bioavailability of oral, rectal, and intramuscular artemether in healthy subjects: use of simultaneous measurement by high performance liquid chromatography and bioassay. <i>British Journal of Clinical Pharmacology</i> , 1996 , 42, 599-604	3.8	61
164	Phenotypic and genotypic analysis of in vitro-selected artemisinin-resistant progeny of <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 302-14	5.9	60
163	Open-source discovery of chemical leads for next-generation chemoprotective antimalarials. <i>Science</i> , 2018 , 362,	33.3	60
162	Development and validation of flow cytometric measurement for parasitemia in cultures of <i>P. falciparum</i> vitally stained with YOYO-1. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2007 , 71, 297-307	4.6	59
161	Methyl-substituted dispiro-1,2,4,5-tetraoxanes: correlations of structural studies with antimalarial activity. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 1246-9	8.3	58
160	Clinical study of pyronaridine for the treatment of acute uncomplicated falciparum malaria in Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 1996 , 54, 205-9	3.2	58
159	Comparative pharmacokinetics and effect kinetics of orally administered artesunate in healthy volunteers and patients with uncomplicated falciparum malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2001 , 65, 717-21	3.2	57
158	Novel arylimidamides for treatment of visceral leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2507-16	5.9	56
157	Antimalarial activity of new dihydroartemisinin derivatives. 7. 4-(p-substituted phenyl)-4(R or S)-[10(alpha or beta)-dihydroartemisininoxy]butyric acids. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 1396-400	8.3	55

156	A study of the factors affecting the metabolic clearance of quinine in malaria. <i>European Journal of Clinical Pharmacology</i> , 1997 , 52, 487-93	2.8	55
155	Plasmodium falciparum: modulation by calcium antagonists of resistance to chloroquine, desethylchloroquine, quinine, and quinidine in vitro. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1990 , 84, 474-8	2	55
154	Bastimolide A, a Potent Antimalarial Polyhydroxy Macrolide from the Marine Cyanobacterium Okeania hirsuta. <i>Journal of Organic Chemistry</i> , 2015 , 80, 7849-55	4.2	54
153	Artemisinin resistance in Plasmodium falciparum: A process linked to dormancy?. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2012 , 2, 249-255	4	54
152	Protozoan persister-like cells and drug treatment failure. <i>Nature Reviews Microbiology</i> , 2019 , 17, 607-620	2.2	53
151	Lengthy antimalarial activity of atovaquone in human plasma following atovaquone-proguanil administration. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 4421-2	5.9	53
150	Design, synthesis, and evaluation of new chemosensitizers in multi-drug-resistant Plasmodium falciparum. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 2741-8	8.3	52
149	Phenotypic changes in artemisinin-resistant Plasmodium falciparum lines in vitro: evidence for decreased sensitivity to dormancy and growth inhibition. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 428-31	5.9	51
148	Lysyl-tRNA synthetase as a drug target in malaria and cryptosporidiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7015-7020	11.5	50
147	Norselic acids A-E, highly oxidized anti-infective steroids that deter mesograzer predation, from the Antarctic sponge Crella sp. <i>Journal of Natural Products</i> , 2009 , 72, 1842-6	4.9	49
146	Plasmodium falciparum: evaluation of lactate dehydrogenase in monitoring therapeutic responses to standard antimalarial drugs in Nigeria. <i>Experimental Parasitology</i> , 1997 , 87, 283-9	2.1	48
145	Arteether: risks of two-week administration in Macaca mulatta. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997 , 56, 390-6	3.2	48
144	Radical curative efficacy of tafenoquine combination regimens in Plasmodium cynomolgi-infected Rhesus monkeys (Macaca mulatta). <i>Malaria Journal</i> , 2011 , 10, 212	3.6	47
143	World Antimalarial Resistance Network (WARN) II: in vitro antimalarial drug susceptibility. <i>Malaria Journal</i> , 2007 , 6, 120	3.6	47
142	Seasonal distribution of thermotolerant free-living amoebae. I. Willard Pond. <i>Journal of Protozoology</i> , 1986 , 33, 422-34		47
141	In vitro and in vivo reversal of chloroquine resistance in Plasmodium falciparum with promethazine. <i>American Journal of Tropical Medicine and Hygiene</i> , 1998 , 58, 625-9	3.2	47
140	A 3D QSAR pharmacophore model and quantum chemical structure-activity analysis of chloroquine(CQ)-resistance reversal. <i>Journal of Chemical Information and Computer Sciences</i> , 2002 , 42, 1212-20		46
139	Effects of artesunate on parasite recrudescence and dormancy in the rodent malaria model Plasmodium vinckei. <i>PLoS ONE</i> , 2011 , 6, e26689	3.7	46

138	Antileishmanial activity of a series of N,N-disubstituted quinazoline-2,4-diamines. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 5141-56	8.3	45
137	Fatty acid synthesis and pyruvate metabolism pathways remain active in dihydroartemisinin-induced dormant ring stages of <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4773-81	5.9	45
136	Screening mangrove endophytic fungi for antimalarial natural products. <i>Marine Drugs</i> , 2013 , 11, 5036-506		45
135	Optimization of 1,2,3,4-tetrahydroacridin-9(10H)-ones as antimalarials utilizing structure-activity and structure-property relationships. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 4399-426	8.3	45
134	Syntheses and antimalarial activities of 10-substituted deoxyartemisinins. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 4228-32	8.3	45
133	Serial analysis of gene expression (SAGE) in <i>Plasmodium falciparum</i> : application of the technique to A-T rich genomes. <i>Molecular and Biochemical Parasitology</i> , 2001 , 113, 23-34	1.9	44
132	Syntheses and bioactivities of substituted 9,10-dihydro-9,10-[1,2]benzenoanthracene-1,4,5,8-tetrone. Unusual reactivities with amines. <i>Journal of Organic Chemistry</i> , 2002 , 67, 2907-12	4.2	44
131	Shagenes A and B, new tricyclic sesquiterpenes produced by an undescribed Antarctic octocoral. <i>Organic Letters</i> , 2014 , 16, 2630-3	6.2	42
130	Coibacins A-D, antileishmanial marine cyanobacterial polyketides with intriguing biosynthetic origins. <i>Organic Letters</i> , 2012 , 14, 3878-81	6.2	42
129	Synthesis, antimalarial activity, and structure-activity relationship of 7-(2-phenoxyethoxy)-4(1H)-quinolones. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 8321-7	8.3	42
128	Long-term malaria chemoprophylaxis with mefloquine in Dutch marines in Cambodia. <i>Journal of Infectious Diseases</i> , 1996 , 173, 1506-9	7	42
127	Treatment of patients with recrudescence <i>falciparum</i> malaria with a sequential combination of artesunate and mefloquine. <i>American Journal of Tropical Medicine and Hygiene</i> , 1992 , 47, 794-9	3.2	42
126	Neurotoxicity and efficacy of arteether related to its exposure times and exposure levels in rodents. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002 , 66, 516-25	3.2	42
125	Reversal of mefloquine resistance with penfluridol in isolates of <i>Plasmodium falciparum</i> from south-west Nigeria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1993 , 87, 81-3	2	41
124	Synthesis and antimalarial activity of new isotebuquine analogues. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 889-96	8.3	40
123	<i>Plasmodium vivax</i> : isotopic, PicoGreen, and microscopic assays for measuring chloroquine sensitivity in fresh and cryopreserved isolates. <i>Experimental Parasitology</i> , 2006 , 114, 34-9	2.1	40
122	Point mutations in the <i>pfcr</i> and <i>pfmdr-1</i> genes of <i>Plasmodium falciparum</i> and clinical response to chloroquine, among malaria patients from Nigeria. <i>Annals of Tropical Medicine and Parasitology</i> , 2003 , 97, 439-51		40
121	Qualitative and semiquantitative polymerase chain reaction to predict <i>Plasmodium falciparum</i> treatment failure. <i>Journal of Infectious Diseases</i> , 1994 , 170, 1626-30	7	39

120	Arteether-induced brain injury in <i>Macaca mulatta</i> . I. The precerebellar nuclei: the lateral reticular nuclei, paramedian reticular nuclei, and perihypoglossal nuclei. <i>Anatomy and Embryology</i> , 2000 , 201, 383-97		38
119	Characteristics of multidrug resistance in <i>Plasmodium</i> and <i>Leishmania</i> : detection of P-glycoprotein-like components. <i>American Journal of Tropical Medicine and Hygiene</i> , 1991 , 45, 98-111	3.2	38
118	Current treatment and drug discovery against <i>Leishmania</i> spp. and <i>Plasmodium</i> spp.: a review. <i>Current Drug Targets</i> , 2009 , 10, 178-92	3	37
117	Origin and dissemination of chloroquine-resistant <i>Plasmodium falciparum</i> with mutant <i>pfcr</i> t alleles in the Philippines. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 2102-5	5.9	37
116	Vertical distribution of potentially pathogenic free-living amoebae in freshwater lakes. <i>Journal of Protozoology</i> , 1985 , 32, 99-105		37
115	Reversal of <i>Plasmodium falciparum</i> resistance to chloroquine in Panamanian <i>Aotus</i> monkeys. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993 , 48, 126-33	3.2	37
114	Bis-benzimidazole hits against <i>Naegleria fowleri</i> discovered with new high-throughput screens. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 2037-44	5.9	36
113	WR 238605, chloroquine, and their combinations as blood schizonticides against a chloroquine-resistant strain of <i>Plasmodium vivax</i> in <i>Aotus</i> monkeys. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997 , 56, 508-10	3.2	36
112	Mutations in <i>Plasmodium falciparum</i> dihydrofolate reductase and dihydropteroate synthase of isolates from the Amazon region of Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2000 , 95, 721-8	2.6	35
111	Synthesis and in vitro studies of novel pyrimidinyl peptidomimetics as potential antimalarial therapeutic agents. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 3491-6	8.3	33
110	Randomized trial of mefloquine-doxycycline, and artesunate-doxycycline for treatment of acute uncomplicated <i>falciparum</i> malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 1994 , 50, 784-9	3.2	33
109	Antimalarial and antiproliferative evaluation of bis-steroidal tetraoxanes. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 2761-8	3.4	32
108	Synthesis and antimalarial activities of base-catalyzed adducts of 11-azaartemisinin. <i>Bioorganic and Medicinal Chemistry</i> , 2000 , 8, 1111-6	3.4	32
107	Convenient access both to highly antimalaria-active 10-arylaminoartemisinins, and to 10-alkyl ethers including artemether, arteether, and artelinate. <i>ChemBioChem</i> , 2005 , 6, 659-67	3.8	30
106	Fluoxetine hydrochloride enhances in vitro susceptibility to chloroquine in resistant <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1992 , 36, 2761-5	5.9	30
105	Pharmacokinetics, efficacy and toxicity of parenteral halofantrine in uncomplicated malaria. <i>British Journal of Clinical Pharmacology</i> , 1993 , 36, 585-91	3.8	29
104	Seasonal distribution of thermotolerant free-living amoebae. II. Lake Issaqueena. <i>Journal of Protozoology</i> , 1987 , 34, 10-5		29
103	Orally bioavailable 6-chloro-7-methoxy-4(1H)-quinolones efficacious against multiple stages of <i>Plasmodium</i> . <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 8860-79	8.3	28

102	Deamplification of pfmdr1-containing amplicon on chromosome 5 in Plasmodium falciparum is associated with reduced resistance to artemisinin acid in vitro. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3395-401	5.9	28
101	Novel 4-aminoquinoline analogs highly active against the blood and sexual stages of Plasmodium in vivo and in vitro. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 4685-92	5.9	28
100	Development and validation of flow cytometric measurement for parasitaemia using autofluorescence and YOYO-1 in rodent malaria. <i>Parasitology</i> , 2007 , 134, 1151-62	2.7	28
99	Plasmodium falciparum: the effects of atovaquone resistance on respiration. <i>Experimental Parasitology</i> , 2001 , 98, 180-7	2.1	27
98	RANDOMIZED, CONTROLLED, DOUBLE-BLIND TRIAL OF DAILY ORAL AZITHROMYCIN IN ADULTS FOR THE PROPHYLAXIS OF PLASMODIUM VIVAX MALARIA IN WESTERN THAILAND. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005 , 73, 842-849	3.2	27
97	Structural analysis of chloroquine resistance reversal by imipramine analogs. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 2655-7	5.9	26
96	Acid catalyzed Michael additions to artemisitene. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000 , 10, 1601-3	2.9	26
95	Randomised trial of mefloquine-tetracycline and quinine-tetracycline for acute uncomplicated falciparum malaria. <i>Acta Tropica</i> , 1994 , 57, 47-53	3.2	26
94	CNS and antimalarial activity of synthetic meridianin and psammopemmin analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 5756-62	3.4	25
93	Plasmodium falciparum-based bioassay for measurement of artemisinin derivatives in plasma or serum. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 954-60	5.9	24
92	Relationship between chloroquine toxicity and iron acquisition in Saccharomyces cerevisiae. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 787-96	5.9	24
91	Open randomized trial of oral artemether alone and a sequential combination with mefloquine for acute uncomplicated falciparum malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997 , 56, 613-7	3.2	24
90	Artemisone: A Highly Active Antimalarial Drug of the Artemisinin Class. <i>Angewandte Chemie</i> , 2006 , 118, 2136-2142	3.6	23
89	Fitness of artemisinin-resistant Plasmodium falciparum in vitro. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 2787-96	5.1	22
88	Robust continuous in vitro culture of the Plasmodium cynomolgi erythrocytic stages. <i>Nature Communications</i> , 2019 , 10, 3635	17.4	22
87	Ultrastructural study of the effects of chloroquine and verapamil on Plasmodium falciparum. <i>American Journal of Tropical Medicine and Hygiene</i> , 1988 , 39, 15-20	3.2	22
86	Strict tropism for CD71/CD234 human reticulocytes limits the zoonotic potential of. <i>Blood</i> , 2017 , 130, 1357-1363	2.2	21
85	Chemogenomic profiling of Plasmodium falciparum as a tool to aid antimalarial drug discovery. <i>Scientific Reports</i> , 2015 , 5, 15930	4.9	21

84	4(1H)-Quinolones with liver stage activity against Plasmodium berghei. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 417-24	5.9	21
83	Evaluation of artemisone combinations in Aotus monkeys infected with Plasmodium falciparum. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 3592-4	5.9	21
82	Malaria causal prophylactic activity of imidazolidinedione derivatives. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 6226-31	8.3	21
81	Efficacy of proton pump inhibitor drugs against Plasmodium falciparum in vitro and their probable pharmacophores. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 2627-32	5.9	21
80	Phenotypic Screens Reveal Posaconazole as a Rapidly Acting Amebicidal Combination Partner for Treatment of Primary Amoebic Meningoencephalitis. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1095-1103	7	21
79	Unambiguous synthesis and prophylactic antimalarial activities of imidazolidinedione derivatives. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 6472-81	8.3	20
78	Confirmation of emergence of mutations associated with atovaquone-proguanil resistance in unexposed Plasmodium falciparum isolates from Africa. <i>Malaria Journal</i> , 2006 , 5, 82	3.6	20
77	Technical assessment of the affymetrix yeast expression GeneChip YE6100 platform in a heterologous model of genes that confer resistance to antimalarial drugs in yeast. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 1901-8	9.7	20
76	Efficacy comparison of intravenous artelinate and artesunate in Plasmodium berghei-infected Sprague-Dawley rats. <i>Parasitology</i> , 2003 , 126, 283-91	2.7	19
75	Drug susceptibility and genetic evaluation of Plasmodium falciparum isolates obtained in four distinct geographical regions of Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 3598-601	5.9	18
74	Efficacy of scopadulcic acid A against Plasmodium falciparum in vitro. <i>Journal of Natural Products</i> , 2002 , 65, 614-5	4.9	18
73	Chloroquine resistant Plasmodium falciparum in indigenous residents of Cameroon. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1989 , 83, 308-10	2	18
72	4(1H)-pyridone and 4(1H)-quinolone derivatives as antimalarials with erythrocytic, exoerythrocytic, and transmission blocking activities. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 1693-705	3	18
71	Design and Synthesis of Orally Bioavailable Piperazine Substituted 4(1H)-Quinolones with Potent Antimalarial Activity: Structure-Activity and Structure-Property Relationship Studies. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 1450-1473	8.3	18
70	Pharmacokinetics of quinine and 3-hydroxyquinine in severe falciparum malaria with acute renal failure. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1999 , 93, 69-72	2	17
69	Failure to detect a Plasmodium vivax-like malaria parasite in globally collected blood samples. <i>Journal of Infectious Diseases</i> , 1994 , 170, 1630-3	7	16
68	Plasmodium vivax Liver and Blood Stages Recruit the Druggable Host Membrane Channel Aquaporin-3. <i>Cell Chemical Biology</i> , 2020 , 27, 719-727.e5	8.2	15
67	4-(1H)-Quinolones and 1,2,3,4-Tetrahydroacridin-9(10H)-ones prevent the transmission of Plasmodium falciparum to Anopheles freeborni. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 6187-93	5.9	15

66	Structure and antimalarial activity of adducts of 11-azaartemisinin with conjugated terminal acetylenes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999 , 9, 2969-72	2.9	15
65	First evidence of polychaete intermediate hosts for Neospororchis spp. marine turtle blood flukes (Trematoda: Spirorchiidae). <i>International Journal for Parasitology</i> , 2018 , 48, 1097-1106	4.3	15
64	Randomized, controlled, double-blind trial of daily oral azithromycin in adults for the prophylaxis of Plasmodium vivax malaria in Western Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005 , 73, 842-9	3.2	15
63	Discovery of Anti-Amoebic Inhibitors from Screening the MMV Pandemic Response Box on and. <i>Pathogens</i> , 2020 , 9,	4.5	14
62	ICI 56,780 Optimization: Structure-Activity Relationship Studies of 7-(2-Phenoxyethoxy)-4(1H)-quinolones with Antimalarial Activity. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 6943-60	8.3	14
61	Leishmanicidal activity of a daucane sesquiterpene isolated from Eryngium foetidum. <i>Pharmaceutical Biology</i> , 2014 , 52, 398-401	3.8	14
60	Real-time PCR to quantify Leishmania donovani in hamsters. <i>Journal of Parasitology</i> , 2013 , 99, 145-50	0.9	14
59	Flow cytometric immunophenotyping of lymphocyte subsets in samples that contain a high proportion of non-lymphoid cells. <i>Cytometry</i> , 1994 , 18, 199-208		14
58	Phase I trial of the SPf66 malaria vaccine in a malaria-experienced population in Southeast Asia. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997 , 56, 526-32	3.2	14
57	Discovery of repurposing drug candidates for the treatment of diseases caused by pathogenic free-living amoebae. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008353	4.8	14
56	Exploitation of Mangrove Endophytic Fungi for Infectious Disease Drug Discovery. <i>Marine Drugs</i> , 2018 , 16,	6	14
55	Blood flukes Cardicola parvus and C. laruei (Trematoda: Aporocotylidae): life cycles and cryptic infection in spotted seatrout, Cynoscion nebulosus (Teleost: Sciaenidae). <i>Parasitology International</i> , 2018 , 67, 150-158	2.1	13
54	Microphysical space of a liver sinusoid device enables simplified long-term maintenance of chimeric mouse-expanded human hepatocytes. <i>Biomedical Microdevices</i> , 2014 , 16, 727-36	3.7	13
53	SPf66 malaria vaccine is safe and immunogenic in malaria naive adults in Thailand. <i>Acta Tropica</i> , 1997 , 67, 215-27	3.2	13
52	Linkage disequilibrium between two distinct loci in chromosomes 5 and 7 of Plasmodium falciparum and in vivo chloroquine resistance in Southwest Nigeria. <i>Parasitology Research</i> , 2006 , 100, 141-8	2.4	13
51	A nonhuman primate model for human cerebral malaria: effects of artesunate (qinghaosu derivative) on rhesus monkeys experimentally infected with Plasmodium coatneyi. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993 , 49, 726-34	3.2	13
50	Spongian Diterpenoids Derived from the Antarctic Sponge Are Potent Inhibitors of the Parasite. <i>Journal of Natural Products</i> , 2020 , 83, 1553-1562	4.9	12
49	Keikipukalides, Furanocembrane Diterpenes from the Antarctic Deep Sea Octocoral Plumarella delicatissima. <i>Journal of Natural Products</i> , 2018 , 81, 117-123	4.9	12

48	Spirocyclic chromanes exhibit antiplasmodial activities and inhibit all intraerythrocytic life cycle stages. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2016 , 6, 85-92	4	12
47	Effects of point mutations in Plasmodium falciparum dihydrofolate reductase and dihydropterate synthase genes on clinical outcomes and in vitro susceptibility to sulfadoxine and pyrimethamine. <i>PLoS ONE</i> , 2009 , 4, e6762	3.7	12
46	Physical linkage to drug resistance genes results in conservation of var genes among West Pacific Plasmodium falciparum isolates. <i>Journal of Infectious Diseases</i> , 2006 , 194, 939-48	7	11
45	Antimalarial pharmacodynamics and pharmacokinetics of a third-generation antifolate--JPC2056--in cynomolgus monkeys using an in vivo in vitro model. <i>Journal of Antimicrobial Chemotherapy</i> , 2007 , 60, 811-8	5.1	11
44	Bioactivity of Spongian Diterpenoid Scaffolds from the Antarctic Sponge. <i>Marine Drugs</i> , 2020 , 18,	6	10
43	Evidence for pyronaridine as a highly effective partner drug for treatment of artemisinin-resistant malaria in a rodent model. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 183-95	5.9	10
42	Phytohormones, Isoprenoids, and Role of the Apicoplast in Recovery from Dihydroartemisinin-Induced Dormancy of Plasmodium falciparum. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	9
41	The presence of leukocytes in ex vivo assays significantly increases the 50-percent inhibitory concentrations of artesunate and chloroquine against Plasmodium vivax and Plasmodium falciparum. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 1300-4	5.9	9
40	Regulation of leukocyte adhesion molecules CD11b/CD18 and leukocyte adhesion molecule-1 on phagocytic cells activated by malaria pigment. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997 , 57, 383-8	3.2	9
39	Synthesis and Activity of a New Series of Antileishmanial Agents. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 797-801	4.3	8
38	Lead optimization of antimalarial propafenone analogues. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 6087-93	3.3	8
37	Pyronaridine. <i>Lancet, The</i> , 1996 , 347, 1189-90	4.0	8
36	Plasmodium falciparum and Plasmodium vivax Demonstrate Contrasting Chloroquine Resistance Reversal Phenotypes. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	7
35	An adaptable soft-mold embossing process for fabricating optically-accessible, microfeature-based culture systems and application toward liver stage antimalarial compound testing. <i>Lab on A Chip</i> , 2020 , 20, 1124-1139	7.2	7
34	Shikimate pathway in apicomplexan parasites. <i>Nature</i> , 1999 , 397, 220-220	50.4	7
33	Optimal 10-Aminoartemisinins With Potent Transmission-Blocking Capabilities for New Artemisinin Combination Therapies-Activities Against Blood Stage Including K13 C580Y Mutants and Liver Stage Parasites. <i>Frontiers in Chemistry</i> , 2019 , 7, 901	5	6
32	A potent antimalarial trichothecene from hyphomycete species. <i>Tetrahedron Letters</i> , 2014 , 55, 3989-3991		6
31	Menoctone Resistance in Malaria Parasites Is Conferred by M133I Mutations in Cytochrome That Are Transmissible through Mosquitoes. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	6

30	Synthesis, characterization, and cellular localization of a fluorescent probe of the antimalarial 8-aminoquinoline primaquine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 4597-4600	2.9	5
29	Screening of the Open-Source Medicines for Malaria Venture Malaria and Pathogen Boxes To Discover Novel Compounds with Activity against <i>Balamuthia mandrillaris</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	5
28	Identification of a Hit Series of Antileishmanial Compounds through the Use of Mixture-Based Libraries. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 802-807	4.3	5
27	Adaptation of a Thai multidrug-resistant C2A clone of <i>Plasmodium falciparum</i> to Aotus monkeys and its preliminary in vivo antimalarial drug efficacy-resistance profile. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009 , 81, 587-94	3.2	5
26	Occurrence of Metacercariae (Trematoda: Gymnophallidae) on <i>Amphitrite ornata</i> (Annelida: Terebellidae). <i>Journal of Parasitology</i> , 1985 , 71, 366	0.9	5
25	Dynamics of infection and pathology induced by the aporocotylid, <i>Cardicola laruei</i> , in Spotted Seatrout, <i>Cynoscion nebulosus</i> (Sciaenidae). <i>International Journal for Parasitology</i> , 2020 , 50, 809-823	4.3	4
24	Cover Picture: Artemisone A Highly Active Antimalarial Drug of the Artemisinin Class (Angew. Chem. Int. Ed. 13/2006). <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 1989-1989	16.4	4
23	Disposition of proguanil in Thai patients with uncomplicated <i>falciparum</i> malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997 , 56, 498-502	3.2	4
22	Probing the distinct chemosensitivity of <i>Plasmodium vivax</i> liver stage parasites and demonstration of 8-aminoquinoline radical cure activity in vitro. <i>Scientific Reports</i> , 2021 , 11, 19905	4.9	4
21	Discovery of repurposing drug candidates for the treatment of diseases caused by pathogenic free-living amoebae		4
20	Mitochondrial heteroplasmy is responsible for Atovaquone drug resistance in <i>Plasmodium falciparum</i>		4
19	<i>Naegleria fowleri</i> : Protein structures to facilitate drug discovery for the deadly, pathogenic free-living amoeba. <i>PLoS ONE</i> , 2021 , 16, e0241738	3.7	4
18	Miniaturized Cultivation of Microbiota for Antimalarial Drug Discovery. <i>Medicinal Research Reviews</i> , 2016 , 36, 144-68	14.4	3
17	The effects of alpha1-acid glycoprotein on the reversal of chloroquine resistance in <i>Plasmodium falciparum</i> . <i>Annals of Tropical Medicine and Parasitology</i> , 2006 , 100, 571-8		3
16	Multiple drug resistance of <i>Plasmodium falciparum</i> in Liberia. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1989 , 83, 311-2	2	3
15	EdU Incorporation To Assess Cell Proliferation and Drug Susceptibility in <i>Naegleria fowleri</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0001721	5.9	3
14	Reversal of Chloroquine Resistance of <i>Plasmodium vivax</i> in Aotus Monkeys. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	3
13	The transcriptome of <i>Balamuthia mandrillaris</i> trophozoites for structure-guided drug design. <i>Scientific Reports</i> , 2021 , 11, 21664	4.9	2

12	Diagnostic Characteristics of Lactate Dehydrogenase on a Multiplex Assay for Malaria Detection Including the Zoonotic Parasite Plasmodium knowlesi. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 ,	3.2	2
11	Synthesis of Mono- and Bisperoxide-Bridged Artemisinin Dimers to Elucidate the Contribution of Dimerization to Antimalarial Activity. <i>ACS Infectious Diseases</i> , 2021 , 7, 2013-2024	5.5	2
10	Aminoalkoxycarbonyloxymethyl Ether Prodrugs with a pH-Triggered Release Mechanism: A Case Study Improving the Solubility, Bioavailability, and Efficacy of Antimalarial 4(1)-Quinolones with Single Dose Cures. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 6581-6595	8.3	2
9	Characterization of the Tubovesicular Network in Liver Stage Hypnozoites and Schizonts. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 687019	5.9	2
8	Altered drug susceptibility during host adaptation of a Plasmodium falciparum strain in a non-human primate model. <i>Scientific Reports</i> , 2016 , 6, 21216	4.9	1
7	Single-cell RNA profiling of Plasmodium vivax liver stages reveals parasite- and host- specific transcriptomic signatures and drug targets		1
6	Structure-activity and structure-property relationship studies of spirocyclic chromanes with antimalarial activity.. <i>Bioorganic and Medicinal Chemistry</i> , 2022 , 57, 116629	3.4	1
5	The transcriptome of Balamuthia mandrillaris trophozoites for structure-based drug design		1
4	Naegleria fowleri: protein structures to facilitate drug discovery for the deadly, pathogenic free-living amoeba		1
3	Differential Growth Rates and Drug Susceptibility to Currently Used Drugs for Multiple Isolates of Naegleria fowleri.. <i>Microbiology Spectrum</i> , 2022 , e0189921	8.9	0
2	Metabolic, Pharmacokinetic, and Activity Profile of the Liver Stage Antimalarial (RC-12).. <i>ACS Omega</i> , 2022 , 7, 12401-12411	3.9	0
1	Polychlorinated cyclopentenes from a marine derived Periconia sp. (strain G1144).. <i>Phytochemistry</i> , 2022 , 113200	4	