Dennis E Kyle

List of Publications by Year in Descending Order

209 papers	10,734 citations	55 h-index	95 g-index
225 ext. papers	11,863 ext. citations	7.3 avg, IF	5.62 L-index

#	Paper	IF	Citations
209	Structure-activity and structure-property relationship studies of spirocyclic chromanes with antimalarial activity.. *Bioorganic and Medicinal Chemistry*, **2022**, 57, 116629	3.4	1
208	Differential Growth Rates and Drug Susceptibility to Currently Used Drugs for Multiple Isolates of Naegleria fowleri.. *Microbiology Spectrum*, **2022**, e0189921	8.9	0
207	Metabolic, Pharmacokinetic, and Activity Profile of the Liver Stage Antimalarial (RC-12).. *ACS Omega*, **2022**, 7, 12401-12411	3.9	0
206	Polychlorinated cyclopentenes from a marine derived Periconia sp. (strain G1144).. *Phytochemistry*, **2022**, 113200	4	
205	The transcriptome of Balamuthia mandrillaris trophozoites for structure-guided drug design. *Scientific Reports*, **2021**, 11, 21664	4.9	2
204	Diagnostic Characteristics of Lactate Dehydrogenase on a Multiplex Assay for Malaria Detection Including the Zoonotic Parasite Plasmodium knowlesi. *American Journal of Tropical Medicine and Hygiene*, **2021**,	3.2	2
203	Probing the distinct chemosensitivity of Plasmodium vivax liver stage parasites and demonstration of 8-aminoquinoline radical cure activity in vitro. *Scientific Reports*, **2021**, 11, 19905	4.9	4
202	Naegleria fowleri: Protein structures to facilitate drug discovery for the deadly, pathogenic free-living amoeba. *PLoS ONE*, **2021**, 16, e0241738	3.7	4
201	Synthesis of Mono- and Bisperoxide-Bridged Artemisinin Dimers to Elucidate the Contribution of Dimerization to Antimalarial Activity. *ACS Infectious Diseases*, **2021**, 7, 2013-2024	5.5	2
200	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. *Journal of Medicinal Chemistry*, **2021**, 64, 6581-6595	8.3	2
199	Characterization of the Tubovesicular Network in Liver Stage Hypnozoites and Schizonts. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 687019	5.9	2
198	EdU Incorporation To Assess Cell Proliferation and Drug Susceptibility in Naegleria fowleri. *Antimicrobial Agents and Chemotherapy*, **2021**, 65, e0001721	5.9	3
197	Screening of the Open-Source Medicines for Malaria Venture Malaria and Pathogen Boxes To Discover Novel Compounds with Activity against Balamuthia mandrillaris. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	5
196	Dynamics of infection and pathology induced by the aporocotylid, Cardicola laruei, in Spotted Seatrout, Cynoscion nebulosus (Sciaenidae). *International Journal for Parasitology*, **2020**, 50, 809-823	4.3	4
195	Discovery of Anti-Amoebic Inhibitors from Screening the MMV Pandemic Response Box on and. *Pathogens*, **2020**, 9,	4.5	14
194	Bioactivity of Spongian Diterpenoid Scaffolds from the Antarctic Sponge. *Marine Drugs*, **2020**, 18,	6	10
193	An adaptable soft-mold embossing process for fabricating optically-accessible, microfeature-based culture systems and application toward liver stage antimalarial compound testing. *Lab on A Chip*, **2020**, 20, 1124-1139	7.2	7

192	Spongian Diterpenoids Derived from the Antarctic Sponge Are Potent Inhibitors of the Parasite. *Journal of Natural Products*, **2020**, 83, 1553-1562	4.9	12
191	Plasmodium vivax Liver and Blood Stages Recruit the Druggable Host Membrane Channel Aquaporin-3. *Cell Chemical Biology*, **2020**, 27, 719-727.e5	8.2	15
190	Discovery of repurposing drug candidates for the treatment of diseases caused by pathogenic free-living amoebae. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0008353	4.8	14
189	Lysyl-tRNA synthetase as a drug target in malaria and cryptosporidiosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 7015-7020	11.5	50
188	Optimal 10-Aminoartemisinins With Potent Transmission-Blocking Capabilities for New Artemisinin Combination Therapies-Activities Against Blood Stage Including KI3 C580Y Mutants and Liver Stage Parasites. *Frontiers in Chemistry*, **2019**, 7, 901	5	6
187	Robust continuous in vitro culture of the Plasmodium cynomolgi erythrocytic stages. *Nature Communications*, **2019**, 10, 3635	17.4	22
186	Protozoan persister-like cells and drug treatment failure. *Nature Reviews Microbiology*, **2019**, 17, 607-620	22.2	53
185	Phenotypic Screens Reveal Posaconazole as a Rapidly Acting Amebicidal Combination Partner for Treatment of Primary Amoebic Meningoencephalitis. *Journal of Infectious Diseases*, **2019**, 219, 1095-1103	7	21
184	Blood flukes Cardicola parvus and C. laruei (Trematoda: Aporocotylidae): life cycles and cryptic infection in spotted seatrout, Cynoscion nebulosus (Teleost: Sciaenidae). *Parasitology International*, **2018**, 67, 150-158	2.1	13
183	Keikipukalides, Furanocembrane Diterpenes from the Antarctic Deep Sea Octocoral Plumarella delicatissima. *Journal of Natural Products*, **2018**, 81, 117-123	4.9	12
182	Phytohormones, Isoprenoids, and Role of the Apicoplast in Recovery from Dihydroartemisinin-Induced Dormancy of Plasmodium falciparum. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	9
181	A comprehensive model for assessment of liver stage therapies targeting Plasmodium vivax and Plasmodium falciparum. *Nature Communications*, **2018**, 9, 1837	17.4	74
180	Design and Synthesis of Orally Bioavailable Piperazine Substituted 4(1H)-Quinolones with Potent Antimalarial Activity: Structure-Activity and Structure-Property Relationship Studies. *Journal of Medicinal Chemistry*, **2018**, 61, 1450-1473	8.3	18
179	Open-source discovery of chemical leads for next-generation chemoprotective antimalarials. *Science*, **2018**, 362,	33.3	60
178	Exploitation of Mangrove Endophytic Fungi for Infectious Disease Drug Discovery. *Marine Drugs*, **2018**, 16,	6	14
177	First evidence of polychaete intermediate hosts for Neospirorchis spp. marine turtle blood flukes (Trematoda: Spirorchiidae). *International Journal for Parasitology*, **2018**, 48, 1097-1106	4.3	15
176	Reversal of Chloroquine Resistance of Plasmodium vivax in Aotus Monkeys. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	3
175	Plasmodium falciparum and Plasmodium vivax Demonstrate Contrasting Chloroquine Resistance Reversal Phenotypes. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	7

174	Synthesis, characterization, and cellular localization of a fluorescent probe of the antimalarial 8-aminoquinoline primaquine. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 4597-4600	2.9	5
173	Strict tropism for CD71/CD234 human reticulocytes limits the zoonotic potential of. *Blood*, **2017**, 130, 1357-1363	2.2	21
172	Synthesis and Activity of a New Series of Antileishmanial Agents. *ACS Medicinal Chemistry Letters*, **2017**, 8, 797-801	4.3	8
171	Identification of a Hit Series of Antileishmanial Compounds through the Use of Mixture-Based Libraries. *ACS Medicinal Chemistry Letters*, **2017**, 8, 802-807	4.3	5
170	Menoctone Resistance in Malaria Parasites Is Conferred by M133I Mutations in Cytochrome That Are Transmissible through Mosquitoes. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	6
169	Altered drug susceptibility during host adaptation of a Plasmodium falciparum strain in a non-human primate model. *Scientific Reports*, **2016**, 6, 21216	4.9	1
168	ICI 56,780 Optimization: Structure-Activity Relationship Studies of 7-(2-Phenoxyethoxy)-4(1H)-quinolones with Antimalarial Activity. *Journal of Medicinal Chemistry*, **2016**, 59, 6943-60	8.3	14
167	Miniaturized Cultivation of Microbiota for Antimalarial Drug Discovery. *Medicinal Research Reviews*, **2016**, 36, 144-68	14.4	3
166	Spirocyclic chromanes exhibit antiplasmodial activities and inhibit all intraerythrocytic life cycle stages. *International Journal for Parasitology: Drugs and Drug Resistance*, **2016**, 6, 85-92	4	12
165	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. *PLoS Pathogens*, **2016**, 12, e1005763	7.6	167
164	A novel multiple-stage antimalarial agent that inhibits protein synthesis. *Nature*, **2015**, 522, 315-20	50.4	250
163	Fitness of artemisinin-resistant Plasmodium falciparum in vitro. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 2787-96	5.1	22
162	Artemisinin-resistant Plasmodium falciparum parasites exhibit altered patterns of development in infected erythrocytes. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 3156-67	5.9	76
161	Bastimolide A, a Potent Antimalarial Polyhydroxy Macrolide from the Marine Cyanobacterium Okeania hirsuta. *Journal of Organic Chemistry*, **2015**, 80, 7849-55	4.2	54
160	Chemogenomic profiling of Plasmodium falciparum as a tool to aid antimalarial drug discovery. *Scientific Reports*, **2015**, 5, 15930	4.9	21
159	Bis-benzimidazole hits against Naegleria fowleri discovered with new high-throughput screens. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 2037-44	5.9	36
158	Antileishmanial activity of a series of N□,N□-disubstituted quinazoline-2,4-diamines. *Journal of Medicinal Chemistry*, **2014**, 57, 5141-56	8.3	45
157	Shagenes A and B, new tricyclic sesquiterpenes produced by an undescribed Antarctic octocoral. *Organic Letters*, **2014**, 16, 2630-3	6.2	42

156	Leishmanicidal activity of a daucane sesquiterpene isolated from Eryngium foetidum. *Pharmaceutical Biology*, **2014**, 52, 398-401	3.8	14
155	Orally bioavailable 6-chloro-7-methoxy-4(1H)-quinolones efficacious against multiple stages of Plasmodium. *Journal of Medicinal Chemistry*, **2014**, 57, 8860-79	8.3	28
154	Microphysical space of a liver sinusoid device enables simplified long-term maintenance of chimeric mouse-expanded human hepatocytes. *Biomedical Microdevices*, **2014**, 16, 727-36	3.7	13
153	A potent antimalarial trichothecene from hyphomycete species. *Tetrahedron Letters*, **2014**, 55, 3989-3991	2	6
152	Overcoming challenges to discover drugs for liver stages of Plasmodium vivax. *Malaria Journal*, **2014**, 13,	3.6	78
151	(+)-SJ733, a clinical candidate for malaria that acts through ATP4 to induce rapid host-mediated clearance of Plasmodium. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E5455-62	11.5	156
150	Fatty acid synthesis and pyruvate metabolism pathways remain active in dihydroartemisinin-induced dormant ring stages of Plasmodium falciparum. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 4773-81	5.9	45
149	Evidence for pyronaridine as a highly effective partner drug for treatment of artemisinin-resistant malaria in a rodent model. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 183-95	5.9	10
148	4(1H)-pyridone and 4(1H)-quinolone derivatives as antimalarials with erythrocytic, exoerythrocytic, and transmission blocking activities. *Current Topics in Medicinal Chemistry*, **2014**, 14, 1693-705	3	18
147	Quinolone-3-diarylethers: a new class of antimalarial drug. *Science Translational Medicine*, **2013**, 5, 177ra37	17.5	150
146	Real-time PCR to quantify Leishmania donovani in hamsters. *Journal of Parasitology*, **2013**, 99, 145-50	0.9	14
145	4(1H)-Quinolones with liver stage activity against Plasmodium berghei. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 417-24	5.9	21
144	4-(1H)-Quinolones and 1,2,3,4-Tetrahydroacridin-9(10H)-ones prevent the transmission of Plasmodium falciparum to Anopheles freeborni. *Antimicrobial Agents and Chemotherapy*, **2013**, 57, 6187-93	5.9	15
143	Screening mangrove endophytic fungi for antimalarial natural products. *Marine Drugs*, **2013**, 11, 5036-50	6	45
142	Artemisinin resistance in Plasmodium falciparum: A process linked to dormancy?. *International Journal for Parasitology: Drugs and Drug Resistance*, **2012**, 2, 249-255	4	54
141	Phenotypic and genotypic analysis of in vitro-selected artemisinin-resistant progeny of Plasmodium falciparum. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 302-14	5.9	60
140	Lead optimization of antimalarial propafenone analogues. *Journal of Medicinal Chemistry*, **2012**, 55, 6087-93	8.3	8
139	Lead optimization of 3-carboxyl-4(1H)-quinolones to deliver orally bioavailable antimalarials. *Journal of Medicinal Chemistry*, **2012**, 55, 4205-19	8.3	61

138	Coibacins A-D, antileishmanial marine cyanobacterial polyketides with intriguing biosynthetic origins. *Organic Letters*, **2012**, 14, 3878-81	6.2	42
137	Epigenetic tailoring for the production of anti-infective cytosporones from the marine fungus Leucostoma persoonii. *Marine Drugs*, **2012**, 10, 762-74	6	67
136	Novel 4-aminoquinoline analogs highly active against the blood and sexual stages of Plasmodium in vivo and in vitro. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 4685-92	5.9	28
135	Phenotypic changes in artemisinin-resistant Plasmodium falciparum lines in vitro: evidence for decreased sensitivity to dormancy and growth inhibition. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 428-31	5.9	51
134	Optimization of 1,2,3,4-tetrahydroacridin-9(10H)-ones as antimalarials utilizing structure-activity and structure-property relationships. *Journal of Medicinal Chemistry*, **2011**, 54, 4399-426	8.3	45
133	Synthesis, antimalarial activity, and structure-activity relationship of 7-(2-phenoxyethoxy)-4(1H)-quinolones. *Journal of Medicinal Chemistry*, **2011**, 54, 8321-7	8.3	42
132	CNS and antimalarial activity of synthetic meridianin and psammopemmin analogs. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 5756-62	3.4	25
131	Radical curative efficacy of tafenoquine combination regimens in Plasmodium cynomolgi-infected Rhesus monkeys (Macaca mulatta). *Malaria Journal*, **2011**, 10, 212	3.6	47
130	Artemisinin-induced parasite dormancy: a plausible mechanism for treatment failure. *Malaria Journal*, **2011**, 10, 56	3.6	62
129	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. *Antimicrobial Agents and Chemotherapy*, **2011**, 55, 1300-4	5.9	9
128	Effects of artesunate on parasite recrudescence and dormancy in the rodent malaria model Plasmodium vinckei. *PLoS ONE*, **2011**, 6, e26689	3.7	46
127	Role of pfmdr1 amplification and expression in induction of resistance to artemisinin derivatives in Plasmodium falciparum. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 2455-64	5.9	94
126	Artemisinin-induced dormancy in plasmodium falciparum: duration, recovery rates, and implications in treatment failure. *Journal of Infectious Diseases*, **2010**, 202, 1362-8	7	161
125	Novel arylimidamides for treatment of visceral leishmaniasis. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 2507-16	5.9	56
124	Deamplification of pfmdr1-containing amplicon on chromosome 5 in Plasmodium falciparum is associated with reduced resistance to artelinic acid in vitro. *Antimicrobial Agents and Chemotherapy*, **2010**, 54, 3395-401	5.9	28
123	Endochin optimization: structure-activity and structure-property relationship studies of 3-substituted 2-methyl-4(1H)-quinolones with antimalarial activity. *Journal of Medicinal Chemistry*, **2010**, 53, 7076-94	8.3	81
122	Dragonamide E, a modified linear lipopeptide from Lyngbya majuscula with antileishmanial activity. *Journal of Natural Products*, **2010**, 73, 60-6	4.9	76
121	Almiramides A-C: discovery and development of a new class of leishmaniasis lead compounds. *Journal of Medicinal Chemistry*, **2010**, 53, 4187-97	8.3	81

120	Evaluation of artemisone combinations in Aotus monkeys infected with Plasmodium falciparum. *Antimicrobial Agents and Chemotherapy*, **2009**, 53, 3592-4	5.9	21
119	Adaptation of a Thai multidrug-resistant C2A clone of Plasmodium falciparum to Aotus monkeys and its preliminary in vivo antimalarial drug efficacy-resistance profile. *American Journal of Tropical Medicine and Hygiene*, **2009**, 81, 587-94	3.2	5
118	Norselic acids A-E, highly oxidized anti-infective steroids that deter mesograzer predation, from the Antarctic sponge Crella sp. *Journal of Natural Products*, **2009**, 72, 1842-6	4.9	49
117	Antimalarial peptides from marine cyanobacteria: isolation and structural elucidation of gallinamide A. *Journal of Natural Products*, **2009**, 72, 14-7	4.9	122
116	Current treatment and drug discovery against Leishmania spp. and Plasmodium spp.: a review. *Current Drug Targets*, **2009**, 10, 178-92	3	37
115	Effects of point mutations in Plasmodium falciparum dihydrofolate reductase and dihydropterate synthase genes on clinical outcomes and in vitro susceptibility to sulfadoxine and pyrimethamine. *PLoS ONE*, **2009**, 4, e6762	3.7	12
114	Malaria: progress, perils, and prospects for eradication. *Journal of Clinical Investigation*, **2008**, 118, 1266-76	15.9	427
113	Synthesis and antimalarial activity of new isotebuquine analogues. *Journal of Medicinal Chemistry*, **2007**, 50, 889-96	8.3	40
112	Malaria causal prophylactic activity of imidazolidinedione derivatives. *Journal of Medicinal Chemistry*, **2007**, 50, 6226-31	8.3	21
111	Development and validation of flow cytometric measurement for parasitemia in cultures of P. falciparum vitally stained with YOYO-1. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2007**, 71, 297-307	4.6	59
110	Antimalarial pharmacodynamics and pharmacokinetics of a third-generation antifolate--JPC2056--in cynomolgus monkeys using an in vivo in vitro model. *Journal of Antimicrobial Chemotherapy*, **2007**, 60, 811-8	5.1	11
109	Development and validation of flow cytometric measurement for parasitaemia using autofluorescence and YOYO-1 in rodent malaria. *Parasitology*, **2007**, 134, 1151-62	2.7	28
108	World Antimalarial Resistance Network (WARN) II: in vitro antimalarial drug susceptibility. *Malaria Journal*, **2007**, 6, 120	3.6	47
107	Plasmodium vivax: isotopic, PicoGreen, and microscopic assays for measuring chloroquine sensitivity in fresh and cryopreserved isolates. *Experimental Parasitology*, **2006**, 114, 34-9	2.1	40
106	Artemisone--a highly active antimalarial drug of the artemisinin class. *Angewandte Chemie - International Edition*, **2006**, 45, 2082-8	16.4	193
105	Cover Picture: Artemisone—A Highly Active Antimalarial Drug of the Artemisinin Class (Angew. Chem. Int. Ed. 13/2006). *Angewandte Chemie - International Edition*, **2006**, 45, 1989-1989	16.4	4
104	Artemisone—A Highly Active Antimalarial Drug of the Artemisinin Class. *Angewandte Chemie*, **2006**, 118, 2136-2142	3.6	23
103	The effects of alpha1-acid glycoprotein on the reversal of chloroquine resistance in Plasmodium falciparum. *Annals of Tropical Medicine and Parasitology*, **2006**, 100, 571-8		3

102	Physical linkage to drug resistance genes results in conservation of var genes among West Pacific Plasmodium falciparum isolates. *Journal of Infectious Diseases*, **2006**, 194, 939-48	7	11
101	Confirmation of emergence of mutations associated with atovaquone-proguanil resistance in unexposed Plasmodium falciparum isolates from Africa. *Malaria Journal*, **2006**, 5, 82	3.6	20
100	Linkage disequilibrium between two distinct loci in chromosomes 5 and 7 of Plasmodium falciparum and in vivo chloroquine resistance in Southwest Nigeria. *Parasitology Research*, **2006**, 100, 141-8	2.4	13
99	Polymorphisms in Plasmodium falciparum dhfr and dhps genes and age related in vivo sulfadoxine-pyrimethamine resistance in malaria-infected patients from Nigeria. *Acta Tropica*, **2005**, 95, 183-93	3.2	80
98	Unambiguous synthesis and prophylactic antimalarial activities of imidazolidinedione derivatives. *Journal of Medicinal Chemistry*, **2005**, 48, 6472-81	8.3	20
97	Convenient access both to highly antimalaria-active 10-arylaminoartemisinins, and to 10-alkyl ethers including artemether, arteether, and artelinate. *ChemBioChem*, **2005**, 6, 659-67	3.8	30
96	Lengthy antimalarial activity of atovaquone in human plasma following atovaquone-proguanil administration. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 4421-2	5.9	53
95	Genetic diversity of Plasmodium falciparum histidine-rich protein 2 (PfHRP2) and its effect on the performance of PfHRP2-based rapid diagnostic tests. *Journal of Infectious Diseases*, **2005**, 192, 870-7	7	203
94	Origin and dissemination of chloroquine-resistant Plasmodium falciparum with mutant pfcrt alleles in the Philippines. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 2102-5	5.9	37
93	RANDOMIZED, CONTROLLED, DOUBLE-BLIND TRIAL OF DAILY ORAL AZITHROMYCIN IN ADULTS FOR THE PROPHYLAXIS OF PLASMODIUM VIVAX MALARIA IN WESTERN THAILAND. *American Journal of Tropical Medicine and Hygiene*, **2005**, 73, 842-849	3.2	27
92	Randomized, controlled, double-blind trial of daily oral azithromycin in adults for the prophylaxis of Plasmodium vivax malaria in Western Thailand. *American Journal of Tropical Medicine and Hygiene*, **2005**, 73, 842-9	3.2	15
91	Plasmodium falciparum-based bioassay for measurement of artemisinin derivatives in plasma or serum. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 954-60	5.9	24
90	Drug susceptibility and genetic evaluation of Plasmodium falciparum isolates obtained in four distinct geographical regions of Kenya. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 3598-601	5.9	18
89	Evidence for mitochondrial-derived alternative oxidase in the apicomplexan parasite Cryptosporidium parvum: a potential anti-microbial agent target. *International Journal for Parasitology*, **2004**, 34, 297-308	4.3	73
88	Point mutations in the pfcrt and pfmdr-1 genes of Plasmodium falciparum and clinical response to chloroquine, among malaria patients from Nigeria. *Annals of Tropical Medicine and Parasitology*, **2003**, 97, 439-51		40
87	Efficacy comparison of intravenous artelinate and artesunate in Plasmodium berghei-infected Sprague-Dawley rats. *Parasitology*, **2003**, 126, 283-91	2.7	19
86	Antimalarial and antiproliferative evaluation of bis-steroidal tetraoxanes. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 2761-8	3.4	32
85	Oxindole-based compounds are selective inhibitors of Plasmodium falciparum cyclin dependent protein kinases. *Journal of Medicinal Chemistry*, **2003**, 46, 3877-82	8.3	109

84	pfcrt Allelic types with two novel amino acid mutations in chloroquine-resistant Plasmodium falciparum isolates from the Philippines. *Antimicrobial Agents and Chemotherapy*, **2003**, 47, 3500-5	5.9	94
83	Angiogenesis inhibitors specific for methionine aminopeptidase 2 as drugs for malaria and leishmaniasis. *Journal of Biomedical Science*, **2002**, 9, 34-40	13.3	62
82	Synthesis and in vitro studies of novel pyrimidinyl peptidomimetics as potential antimalarial therapeutic agents. *Journal of Medicinal Chemistry*, **2002**, 45, 3491-6	8.3	33
81	The shikimate pathway and its branches in apicomplexan parasites. *Journal of Infectious Diseases*, **2002**, 185 Suppl 1, S25-36	7	111
80	Relationship between chloroquine toxicity and iron acquisition in Saccharomyces cerevisiae. *Antimicrobial Agents and Chemotherapy*, **2002**, 46, 787-96	5.9	24
79	Efficacy of proton pump inhibitor drugs against Plasmodium falciparum in vitro and their probable pharmacophores. *Antimicrobial Agents and Chemotherapy*, **2002**, 46, 2627-32	5.9	21
78	Efficacy of scopadulcic acid A against Plasmodium falciparum in vitro. *Journal of Natural Products*, **2002**, 65, 614-5	4.9	18
77	A 3D QSAR pharmacophore model and quantum chemical structure--activity analysis of chloroquine(CQ)-resistance reversal. *Journal of Chemical Information and Computer Sciences*, **2002**, 42, 1212-20		46
76	Design, synthesis, and evaluation of new chemosensitizers in multi-drug-resistant Plasmodium falciparum. *Journal of Medicinal Chemistry*, **2002**, 45, 2741-8	8.3	52
75	Syntheses and bioactivities of substituted 9,10-dihydro-9,10-[1,2]benzenoanthracene-1,4,5,8-tetrones. Unusual reactivities with amines. *Journal of Organic Chemistry*, **2002**, 67, 2907-12	4.2	44
74	Neurotoxicity and efficacy of arteether related to its exposure times and exposure levels in rodents. *American Journal of Tropical Medicine and Hygiene*, **2002**, 66, 516-25	3.2	42
73	Plasmodium falciparum: the effects of atovaquone resistance on respiration. *Experimental Parasitology*, **2001**, 98, 180-7	2.1	27
72	Serial analysis of gene expression (SAGE) in Plasmodium falciparum: application of the technique to A-T rich genomes. *Molecular and Biochemical Parasitology*, **2001**, 113, 23-34	1.9	44
71	Triclosan inhibits the growth of Plasmodium falciparum and Toxoplasma gondii by inhibition of apicomplexan Fab I. *International Journal for Parasitology*, **2001**, 31, 109-13	4.3	175
70	Structural analysis of chloroquine resistance reversal by imipramine analogs. *Antimicrobial Agents and Chemotherapy*, **2001**, 45, 2655-7	5.9	26
69	Evolution of a unique Plasmodium falciparum chloroquine-resistance phenotype in association with pfcrt polymorphism in Papua New Guinea and South America. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 12689-94	11.5	144
68	New class of small nonpeptidyl compounds blocks Plasmodium falciparum development in vitro by inhibiting plasmepsins. *Antimicrobial Agents and Chemotherapy*, **2001**, 45, 2577-84	5.9	80
67	Comparative pharmacokinetics and effect kinetics of orally administered artesunate in healthy volunteers and patients with uncomplicated falciparum malaria. *American Journal of Tropical Medicine and Hygiene*, **2001**, 65, 717-21	3.2	57

66	Acid catalyzed Michael additions to artemisitene. *Bioorganic and Medicinal Chemistry Letters*, **2000**, 10, 1601-3	2.9	26
65	Synthesis and antimalarial activities of base-catalyzed adducts of 11-azaartemisinin. *Bioorganic and Medicinal Chemistry*, **2000**, 8, 1111-6	3.4	32
64	Syntheses and antimalarial activities of 10-substituted deoxoartemisinins. *Journal of Medicinal Chemistry*, **2000**, 43, 4228-32	8.3	45
63	Arteether-induced brain injury in Macaca mulatta. I. The precerebellar nuclei: the lateral reticular nuclei, paramedian reticular nuclei, and perihypoglossal nuclei. *Anatomy and Embryology*, **2000**, 201, 383-97		38
62	Mutations in Plasmodium falciparum dihydrofolate reductase and dihydropteroate synthase of isolates from the Amazon region of Brazil. *Memorias Do Instituto Oswaldo Cruz*, **2000**, 95, 721-8	2.6	35
61	Mefloquine pharmacokinetic-pharmacodynamic models: implications for dosing and resistance. *Antimicrobial Agents and Chemotherapy*, **2000**, 44, 3414-24	5.9	102
60	Methyl-substituted dispiro-1,2,4,5-tetraoxanes: correlations of structural studies with antimalarial activity. *Journal of Medicinal Chemistry*, **2000**, 43, 1246-9	8.3	58
59	Synthesis and antimalarial activity of sixteen dispiro-1,2,4, 5-tetraoxanes: alkyl-substituted 7,8,15,16-tetraoxadispiro[5.2.5. 2]hexadecanes. *Journal of Medicinal Chemistry*, **2000**, 43, 2753-8	8.3	74
58	Cholic acid derivatives as 1,2,4,5-tetraoxane carriers: structure and antimalarial and antiproliferative activity. *Journal of Medicinal Chemistry*, **2000**, 43, 3274-82	8.3	97
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2	Naegleria fowleri: protein structures to facilitate drug discovery for the deadly, pathogenic free-living amoeba		1
1	Mitochondrial heteroplasmy is responsible for Atovaquone drug resistance in Plasmodium falciparum		4