

Dennis E Kyle

List of Publications by Year in descending order

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206
papers

13,064
citations

22153

59
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104
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docs citations

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times ranked

9872
citing authors

#	ARTICLE	IF	CITATIONS
1	Several alleles of the multidrug-resistance gene are closely linked to chloroquine resistance in <i>Plasmodium falciparum</i> . <i>Nature</i> , 1990, 345, 255-258.	27.8	563
2	Efflux of chloroquine from <i>Plasmodium falciparum</i> : mechanism of chloroquine resistance. <i>Science</i> , 1987, 238, 1283-1285.	12.6	519
3	Malaria: progress, perils, and prospects for eradication. <i>Journal of Clinical Investigation</i> , 2008, 118, 1266-1276.	8.2	516
4	Evidence for the shikimate pathway in apicomplexan parasites. <i>Nature</i> , 1998, 393, 801-805.	27.8	436
5	A novel multiple-stage antimalarial agent that inhibits protein synthesis. <i>Nature</i> , 2015, 522, 315-320.	27.8	353
6	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, 62-66.	1.4	345
7	Cardiac effects of antimalarial treatment with halofantrine. <i>Lancet</i> , The, 1993, 341, 1054-1056.	13.7	276
8	Amplification of <i>pfmdr1</i> associated with mefloquine and halofantrine resistance in <i>Plasmodium falciparum</i> from Thailand. <i>Molecular and Biochemical Parasitology</i> , 1993, 57, 151-160.	1.1	263
9	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. <i>PLoS Pathogens</i> , 2016, 12, e1005763.	4.7	244
10	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, 870-877.	4.0	240
11	Reversal of Chloroquine Resistance in Malaria Parasite <i>Plasmodium falciparum</i> by Desipramine. <i>Science</i> , 1988, 242, 1301-1303.	12.6	236
12	Artemisone—A Highly Active Antimalarial Drug of the Artemisinin Class. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2082-2088.	13.8	222
13	(+)-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.	7.1	199
14	Artemisinin-Induced Dormancy in <i>Plasmodium falciparum</i> : Duration, Recovery Rates, and Implications in Treatment Failure. <i>Journal of Infectious Diseases</i> , 2010, 202, 1362-1368.	4.0	195
15	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, 109-113.	3.1	190
16	Quinolone-3-Diarylethers: A New Class of Antimalarial Drug. <i>Science Translational Medicine</i> , 2013, 5, 177ra37.	12.4	187
17	Evolution of a unique <i>Plasmodium falciparum</i> chloroquine-resistance phenotype in association with <i>pfcr1</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, 12689-12694.	7.1	169
18	Randomised double-blind placebo-controlled trial of SPf66 malaria vaccine in children in northwestern Thailand. <i>Lancet</i> , The, 1996, 348, 701-707.	13.7	167

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19	Randomised trial of artesunate and mefloquine alone and in sequence for acute uncomplicated falciparum malaria. <i>Lancet</i> , The, 1992, 339, 821-824.	13.7	155
20	Antimalarial Peptides from Marine Cyanobacteria: Isolation and Structural Elucidation of Gallinamide A. <i>Journal of Natural Products</i> , 2009, 72, 14-17.	3.0	147
21	The Shikimate Pathway and Its Branches in Apicomplexan Parasites. <i>Journal of Infectious Diseases</i> , 2002, 185, S25-S36.	4.0	139
22	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.	12.8	136
23	Oxindole-Based Compounds Are Selective Inhibitors of <i>Plasmodium falciparum</i> Cyclin Dependent Protein Kinases. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3877-3882.	6.4	126
24	Cholic Acid Derivatives as 1,2,4,5-Tetraoxane Carriers: Structure and Antimalarial and Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 3274-3282.	6.4	113
25	Mefloquine Pharmacokinetic-Pharmacodynamic Models: Implications for Dosing and Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 3414-3424.	3.2	112
26	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, 45-49.	1.8	110
27	Role of <i>pfmdr1</i> Amplification and Expression in Induction of Resistance to Artemisinin Derivatives in <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 2455-2464.	3.2	108
28	Structure-activity relationships of analogs of pentamidine against <i>Plasmodium falciparum</i> and <i>Leishmania mexicana amazonensis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1990, 34, 1381-1386.	3.2	104
29	<i>pfcr1</i> Allelic Types with Two Novel Amino Acid Mutations in Chloroquine-Resistant <i>Plasmodium falciparum</i> Isolates from the Philippines. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3500-3505.	3.2	101
30	Polymorphisms in <i>Plasmodium falciparum dhfr</i> and <i>dhps</i> genes and age related in vivo sulfadoxine-pyrimethamine resistance in malaria-infected patients from Nigeria. <i>Acta Tropica</i> , 2005, 95, 183-193.	2.0	101
31	Almiramides A-C: Discovery and Development of a New Class of Leishmaniasis Lead Compounds. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4187-4197.	6.4	99
32	Open-source discovery of chemical leads for next-generation chemoprotective antimalarials. <i>Science</i> , 2018, 362, .	12.6	99
33	Artemisinin-Resistant <i>Plasmodium falciparum</i> Parasites Exhibit Altered Patterns of Development in Infected Erythrocytes. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3156-3167.	3.2	97
34	Protozoan persister-like cells and drug treatment failure. <i>Nature Reviews Microbiology</i> , 2019, 17, 607-620.	28.6	97
35	<i>Leishmania</i> spp.: Development of pentostam-resistant clones in vitro by discontinuous drug exposure. <i>Experimental Parasitology</i> , 1989, 69, 78-90.	1.2	94
36	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.	7.1	94

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37	Endochin Optimization: Structure-Activity and Structure-Property Relationship Studies of 3-Substituted 2-Methyl-4(1 <i>H</i>)-quinolones with Antimalarial Activity. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7076-7094.	6.4	92
38	Dragonamide E, a Modified Linear Lipopeptide from <i>Lyngbya majuscula</i> with Antileishmanial Activity. <i>Journal of Natural Products</i> , 2010, 73, 60-66.	3.0	92
39	New Class of Small Nonpeptidyl Compounds Blocks <i>Plasmodium falciparum</i> Development In Vitro by Inhibiting Plasmeppsins. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 2577-2584.	3.2	90
40	Epigenetic Tailoring for the Production of Anti-Infective Cytosporones from the Marine Fungus <i>Leucostoma persoonii</i> . <i>Marine Drugs</i> , 2012, 10, 762-774.	4.6	89
41	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.	3.1	86
42	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, 2753-2758.	6.4	83
43	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.	2.4	79
44	Antimalarial Drugs Reduce Cytoadherence and Rosetting of <i>Plasmodium falciparum</i> . <i>Journal of Infectious Diseases</i> , 1996, 173, 691-698.	4.0	78
45	Artemisinin-induced parasite dormancy: a plausible mechanism for treatment failure. <i>Malaria Journal</i> , 2011, 10, 56.	2.3	78
46	Phenotypic and Genotypic Analysis of In Vitro -Selected Artemisinin-Resistant Progeny of <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 302-314.	3.2	74
47	Clinical Study of Pyronaridine for the Treatment of Acute Uncomplicated <i>Falciparum</i> Malaria in Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 1996, 54, 205-209.	1.4	74
48	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, 71A, 297-307.	1.5	72
49	Lead Optimization of 3-Carboxyl-4(1 <i>H</i>)-Quinolones to Deliver Orally Bioavailable Antimalarials. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4205-4219.	6.4	71
50	Arteether: Risks of Two-Week Administration in <i>Macaca mulatta</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 1997, 56, 390-396.	1.4	70
51	Angiogenesis inhibitors specific for methionine aminopeptidase 2 as drugs for Malaria and Leishmaniasis. <i>Journal of Biomedical Science</i> , 2002, 9, 34-40.	7.0	69
52	Artemisinin resistance in <i>Plasmodium falciparum</i> : A process linked to dormancy?. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2012, 2, 249-255.	3.4	69
53	Bastimolide A, a Potent Antimalarial Polyhydroxy Macrolide from the Marine Cyanobacterium <i>Okeania hirsuta</i> . <i>Journal of Organic Chemistry</i> , 2015, 80, 7849-7855.	3.2	68
54	A study of the factors affecting the metabolic clearance of quinine in malaria. <i>European Journal of Clinical Pharmacology</i> , 1997, 52, 487-493.	1.9	66

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55	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, 717-721.	1.4	66
56	Lengthy Antimalarial Activity of Atovaquone in Human Plasma following Atovaquone-Proguanil Administration. Antimicrobial Agents and Chemotherapy, 2005, 49, 4421-4422.	3.2	63
57	Phenotypic Changes in Artemisinin-Resistant Plasmodium falciparum Lines <i>In Vitro</i> : Evidence for Decreased Sensitivity to Dormancy and Growth Inhibition. Antimicrobial Agents and Chemotherapy, 2012, 56, 428-431.	3.2	63
58	Plasmodium falciparum: modulation by calcium antagonists of resistance to chloroquine, desethylchloroquine, quinine, and quinidine in vitro. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1990, 84, 474-478.	1.8	62
59	Novel Arylimidamides for Treatment of Visceral Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2010, 54, 2507-2516.	3.2	62
60	Fatty Acid Synthesis and Pyruvate Metabolism Pathways Remain Active in Dihydroartemisinin-Induced Dormant Ring Stages of Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2014, 58, 4773-4781.	3.2	62
61	Methyl-Substituted Dispiro-1,2,4,5-tetraoxanes: Correlations of Structural Studies with Antimalarial Activity. Journal of Medicinal Chemistry, 2000, 43, 1246-1249.	6.4	61
62	Plasmodium falciparum: Evaluation of Lactate Dehydrogenase in Monitoring Therapeutic Responses to Standard Antimalarial Drugs in Nigeria. Experimental Parasitology, 1997, 87, 283-289.	1.2	59
63	Antileishmanial Activity of a Series of <i>N</i> ² , <i>N</i> ⁴ -Disubstituted Quinazoline-2,4-diamines. Journal of Medicinal Chemistry, 2014, 57, 5141-5156.	6.4	59
64	Effects of Artesunate on Parasite Recrudescence and Dormancy in the Rodent Malaria Model Plasmodium vinckei. PLoS ONE, 2011, 6, e26689.	2.5	59
65	In vitro and in vivo reversal of chloroquine resistance in Plasmodium falciparum with promethazine.. American Journal of Tropical Medicine and Hygiene, 1998, 58, 625-629.	1.4	59
66	Screening Mangrove Endophytic Fungi for Antimalarial Natural Products. Marine Drugs, 2013, 11, 5036-5050.	4.6	58
67	Neurotoxicity and efficacy of arteether related to its exposure times and exposure levels in rodents.. American Journal of Tropical Medicine and Hygiene, 2002, 66, 516-525.	1.4	58
68	Antimalarial Activity of New Dihydroartemisinin Derivatives. 7. 4-(p-Substituted phenyl)-4(RoS)-[10(± or) Tj ETQq0,0,0 rgBT /Overlock 1	6.4	57
69	Seasonal Distribution of Thermotolerant Free-Living Amoebae. I. Willard's Pond1. Journal of Protozoology, 1986, 33, 422-434.	0.8	56
70	Coibacins Aâ€D, Antileishmanial Marine Cyanobacterial Polyketides with Intriguing Biosynthetic Origins. Organic Letters, 2012, 14, 3878-3881.	4.6	56
71	Shagenes A and B, New Tricyclic Sesquiterpenes Produced by an Undescribed Antarctic Octocoral. Organic Letters, 2014, 16, 2630-2633.	4.6	55
72	WR 238605, Chloroquine, and their Combinations as Blood Schizonticides against a Chloroquine-Resistant Strain of Plasmodium vivax in Aotus Monkeys. American Journal of Tropical Medicine and Hygiene, 1997, 56, 508-510.	1.4	55

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73	Design, Synthesis, and Evaluation of New Chemosensitizers in Multi-Drug-Resistant Plasmodium falciparum. Journal of Medicinal Chemistry, 2002, 45, 2741-2748.	6.4	54
74	World Antimalarial Resistance Network (WARN) II: In vitro antimalarial drug susceptibility. Malaria Journal, 2007, 6, 120.	2.3	54
75	Norselic Acids A ⁺ E, Highly Oxidized Anti-infective Steroids that Deter Mesograzer Predation, from the Antarctic Sponge <i>Crella</i> sp.. Journal of Natural Products, 2009, 72, 1842-1846.	3.0	54
76	Optimization of 1,2,3,4-Tetrahydroacridin-9(10 <i>H</i>)-ones as Antimalarials Utilizing Structure-Activity and Structure-Property Relationships. Journal of Medicinal Chemistry, 2011, 54, 4399-4426.	6.4	54
77	Synthesis, Antimalarial Activity, and Structure-Activity Relationship of 7-(2-Phenoxyethoxy)-4(1 <i>H</i>)-quinolones. Journal of Medicinal Chemistry, 2011, 54, 8321-8327.	6.4	54
78	Radical curative efficacy of tafenoquine combination regimens in Plasmodium cynomolgi-infected Rhesus monkeys (<i>Macaca mulatta</i>). Malaria Journal, 2011, 10, 212.	2.3	54
79	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, 1212-1220.	2.8	52
80	Mutations in Plasmodium falciparum dihydrofolate reductase and dihydropteroate synthase of isolates from the Amazon Region of Brazil. Memorias Do Instituto Oswaldo Cruz, 2000, 95, 721-728.	1.6	50
81	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, 439-451.	1.6	49
82	Reversal of mefloquine resistance with penfluridol in isolates of Plasmodium falciparum from south-west Nigeria. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1993, 87, 81-83.	1.8	48
83	Qualitative And Semiquantitative Polymerase Chain Reaction To Predict Plasmodium falciparum Treatment Failure. Journal of Infectious Diseases, 1994, 170, 1626-1630.	4.0	48
84	Syntheses and Antimalarial Activities of 10-Substituted Deoxoartemisinin. Journal of Medicinal Chemistry, 2000, 43, 4228-4232.	6.4	48
85	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, 383-397.	1.5	48
86	Treatment of Patients with Recrudescence Falciparum Malaria with a Sequential Combination of Artesunate and Mefloquine. American Journal of Tropical Medicine and Hygiene, 1992, 47, 794-799.	1.4	48
87	Reversal of Plasmodium falciparum Resistance to Chloroquine in Panamanian Aotus Monkeys. American Journal of Tropical Medicine and Hygiene, 1993, 48, 126-133.	1.4	48
88	Long-Term Malaria Chemoprophylaxis with Mefloquine in Dutch Marines in Cambodia. Journal of Infectious Diseases, 1996, 173, 1506-1509.	4.0	47
89	Syntheses and Bioactivities of Substituted 9,10-Dihydro-9,10-[1,2]benzoanthracene-1,4,5,8-tetrone. Unusual Reactivities with Amines. Journal of Organic Chemistry, 2002, 67, 2907-2912.	3.2	47
90	Plasmodium vivax: Isotopic, PicoGreen, and microscopic assays for measuring chloroquine sensitivity in fresh and cryopreserved isolates. Experimental Parasitology, 2006, 114, 34-39.	1.2	47

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91	Vertical Distribution of Potentially Pathogenic Free-Living Amoebae in Freshwater Lakes1. <i>Journal of Protozoology</i> , 1985, 32, 99-105.	0.8	46
92	Synthesis and Antimalarial Activity of New Isotebuquine Analogues. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 889-896.	6.4	46
93	Bis-Benzimidazole Hits against <i>Naegleria fowleri</i> Discovered with New High-Throughput Screens. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2037-2044.	3.2	46
94	Serial analysis of gene expression (SAGE) in <i>Plasmodium falciparum</i> : application of the technique to AAT rich genomes. <i>Molecular and Biochemical Parasitology</i> , 2001, 113, 23-34.	1.1	45
95	Current Treatment and Drug Discovery Against <i>Leishmania</i> spp. and <i>Plasmodium</i> spp.: A Review. <i>Current Drug Targets</i> , 2009, 10, 178-192.	2.1	42
96	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, 784-789.	1.4	41
97	Origin and Dissemination of Chloroquine-Resistant <i>Plasmodium falciparum</i> with Mutant <i>pfprt</i> Alleles in the Philippines. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2102-2105.	3.2	40
98	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.	1.4	40
99	Robust continuous in vitro culture of the <i>Plasmodium cynomolgi</i> erythrocytic stages. <i>Nature Communications</i> , 2019, 10, 3635.	12.8	39
100	Antimalarial and antiproliferative evaluation of Bis-Steroidal tetraoxanes. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2761-2768.	3.0	38
101	Synthesis and In Vitro Studies of Novel Pyrimidinyl Peptidomimetics as Potential Antimalarial Therapeutic Agents. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 3491-3496.	6.4	37
102	Convenient Access Both to Highly Antimalaria-Active 10-Arylaminoartemisinins, and to 10-Alkyl Ethers Including Artemether, Arteether, and Artelinate. <i>ChemBioChem</i> , 2005, 6, 659-667.	2.6	36
103	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.	3.0	36
104	Synthesis and antimalarial activities of base-catalyzed adducts of 11-azaartemisinin. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 1111-1116.	3.0	35
105	Pharmacokinetics, efficacy and toxicity of parenteral halofantrine in uncomplicated malaria. <i>British Journal of Clinical Pharmacology</i> , 1993, 36, 585-591.	2.4	34
106	Chemogenomic profiling of <i>Plasmodium falciparum</i> as a tool to aid antimalarial drug discovery. <i>Scientific Reports</i> , 2015, 5, 15930.	3.3	34
107	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.	4.0	34
108	Discovery of Anti-Amoebic Inhibitors from Screening the MMV Pandemic Response Box on <i>Balamuthia mandrillaris</i> , <i>Naegleria fowleri</i> , and <i>Acanthamoeba castellanii</i> . <i>Pathogens</i> , 2020, 9, 476.	2.8	34

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109	Plasmodium vivax Liver and Blood Stages Recruit the Druggable Host Membrane Channel Aquaporin-3. Cell Chemical Biology, 2020, 27, 719-727.e5.	5.2	34
110	Randomised trial of mefloquine-tetracycline and quinine-tetracycline for acute uncomplicated falciparum malaria. Acta Tropica, 1994, 57, 47-53.	2.0	32
111	Orally Bioavailable 6-Chloro-7-methoxy-4(1 <i>H</i>)-quinolones Efficacious against Multiple Stages of Plasmodium. Journal of Medicinal Chemistry, 2014, 57, 8860-8879.	6.4	32
112	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.	1.4	32
113	Seasonal Distribution of Thermotolerant Free-Living Amoebae. II. Lake Issaqueena1. Journal of Protozoology, 1987, 34, 10-15.	0.8	31
114	Fluoxetine hydrochloride enhances in vitro susceptibility to chloroquine in resistant Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 1992, 36, 2761-2765.	3.2	31
115	Plasmodium falciparum: The Effects of Atovaquone Resistance on Respiration. Experimental Parasitology, 2001, 98, 180-187.	1.2	31
116	CNS and antimalarial activity of synthetic meridianin and psammopemmin analogs. Bioorganic and Medicinal Chemistry, 2011, 19, 5756-5762.	3.0	31
117	Development and validation of flow cytometric measurement for parasitaemia using autofluorescence and YOYO-1 in rodent malaria. Parasitology, 2007, 134, 1151-1162.	1.5	30
118	Deamplification of pfmdr1 -Containing Amplicon on Chromosome 5 in Plasmodium falciparum Is Associated with Reduced Resistance to Arterlinic Acid In Vitro. Antimicrobial Agents and Chemotherapy, 2010, 54, 3395-3401.	3.2	30
119	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, 4685-4692.	3.2	30
120	Open Randomized Trial of Oral Artemether Alone and a Sequential Combination with Mefloquine for Acute Uncomplicated Falciparum Malaria. American Journal of Tropical Medicine and Hygiene, 1997, 56, 613-617.	1.4	30
121	Relationship between Chloroquine Toxicity and Iron Acquisition in Saccharomyces cerevisiae. Antimicrobial Agents and Chemotherapy, 2002, 46, 787-796.	3.2	28
122	Design and Synthesis of Orally Bioavailable Piperazine Substituted 4(1 <i>H</i>)-Quinolones with Potent Antimalarial Activity: Structure-Activity and Structure-Property Relationship Studies. Journal of Medicinal Chemistry, 2018, 61, 1450-1473.	6.4	28
123	Acid catalyzed michael additions to artemisitene. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1601-1603.	2.2	27
124	Structural Analysis of Chloroquine Resistance Reversal by Imipramine Analogs. Antimicrobial Agents and Chemotherapy, 2001, 45, 2655-2657.	3.2	27
125	Strict tropism for CD71+/CD234+ human reticulocytes limits the zoonotic potential of Plasmodium cynomolgi. Blood, 2017, 130, 1357-1363.	1.4	27
126	Efficacy of Proton Pump Inhibitor Drugs against Plasmodium falciparum In Vitro and Their Probable Pharmacophores. Antimicrobial Agents and Chemotherapy, 2002, 46, 2627-2632.	3.2	26

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127	Fitness of artemisinin-resistant <i>Plasmodium falciparum</i> in vitro. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2787-2796.	3.0	26
128	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, 1901-1908.	3.9	26
129	Chloroquine resistant <i>Plasmodium falciparum</i> in indigenous residents of Cameroon. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1989, 83, 308-310.	1.8	25
130	<i>Plasmodium falciparum</i> -Based Bioassay for Measurement of Artemisinin Derivatives in Plasma or Serum. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 954-960.	3.2	25
131	Leishmanicidal activity of a daucane sesquiterpene isolated from <i>Eryngium foetidum</i> . <i>Pharmaceutical Biology</i> , 2014, 52, 398-401.	2.9	25
132	Drug Susceptibility and Genetic Evaluation of <i>Plasmodium falciparum</i> Isolates Obtained in Four Distinct Geographical Regions of Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 3598-3601.	3.2	24
133	Evaluation of Artemisone Combinations in <i>Aotus</i> Monkeys Infected with <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3592-3594.	3.2	24
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