

Mark R Hickman

List of Publications by Year in descending order

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40
papers

792
citations

471509

17
h-index

526287

27
g-index

41
all docs

41
docs citations

41
times ranked

1479
citing authors

#	ARTICLE	IF	CITATIONS
1	Tafenoquine and NPC-1161B require CYP 2D metabolism for anti-malarial activity: implications for the 8-aminoquinoline class of anti-malarial compounds. <i>Malaria Journal</i> , 2014, 13, 2.	2.3	73
2	Auranofin Is an Apoptosis-Simulating Agent with <i>in Vitro</i> and <i>in Vivo</i> Anti-leishmanial Activity. <i>ACS Chemical Biology</i> , 2014, 9, 663-672.	3.4	56
3	Field evaluation of diagnostic performance of malaria rapid diagnostic tests in western Kenya. <i>Malaria Journal</i> , 2016, 15, 456.	2.3	47
4	Assessment of the prophylactic activity and pharmacokinetic profile of oral tafenoquine compared to primaquine for inhibition of liver stage malaria infections. <i>Malaria Journal</i> , 2014, 13, 141.	2.3	46
5	Salicylanilide Inhibitors of <i>Toxoplasma gondii</i> . <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8375-8391.	6.4	45
6	New paradigms for understanding and step changes in treating active and chronic, persistent apicomplexan infections. <i>Scientific Reports</i> , 2016, 6, 29179.	3.3	40
7	Toxicokinetic and toxicodynamic (TK/TD) evaluation to determine and predict the neurotoxicity of artemisinins. <i>Toxicology</i> , 2011, 279, 1-9.	4.2	35
8	Novel <i>N</i> -Benzoyl-2-Hydroxybenzamide Disrupts Unique Parasite Secretory Pathway. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2666-2682.	3.2	32
9	Drug Discovery Algorithm for Cutaneous Leishmaniasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 216-221.	1.4	31
10	Nanoparticle formulations of decoquinatone increase antimalarial efficacy against liver stage <i>Plasmodium</i> infections in mice. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 57-65.	3.3	27
11	Antileishmanial Activity of Compounds Derived from the Medicines for Malaria Venture Open Access Box Against Intracellular <i>Leishmania major</i> Amastigotes. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 340-347.	1.4	27
12	Quantification of GPCR internalization by single-molecule microscopy in living cells. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 675.	1.3	26
13	Design, synthesis, and biological activity of diaryl ether inhibitors of <i>Toxoplasma gondii</i> enoyl reductase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2035-2043.	2.2	21
14	Assessment of the Worldwide Antimalarial Resistance Network Standardized Procedure for <i>In Vitro</i> Malaria Drug Sensitivity Testing Using SYBR Green Assay for Field Samples with Various Initial Parasitemia Levels. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2417-2424.	3.2	21
15	Potent Tetrahydroquinolone Eliminates Apicomplexan Parasites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 203.	3.9	21
16	Modification of Triclosan Scaffold in Search of Improved Inhibitors for Enoyl-ACP Carrier Protein (ACP) Reductase in <i>Toxoplasma gondii</i> . <i>ChemMedChem</i> , 2013, 8, 1138-1160.	3.2	20
17	Cytochrome P450 2D-mediated metabolism is not necessary for tafenoquine and primaquine to eradicate the erythrocytic stages of <i>Plasmodium berghei</i> . <i>Malaria Journal</i> , 2016, 15, 588.	2.3	20
18	Formulation and Particle Size Reduction Improve Bioavailability of Poorly Water-Soluble Compounds with Antimalarial Activity. <i>Malaria Research and Treatment</i> , 2013, 2013, 1-10.	2.0	19

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19	Direct Comparison of the Efficacy and Safety of Oral Treatments with Oleylphosphocholine (OIPC) and Miltefosine in a Mouse Model of <i>L. major</i> Cutaneous Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3144.	3.0	18
20	Ketotifen is an antimalarial prodrug of norketotifen with blood schizonticidal and liver-stage efficacy. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2012, 37, 17-22.	1.6	17
21	Use of Optical Imaging Technology in the Validation of a New, Rapid, Cost-Effective Drug Screen as Part of a Tiered <i>In Vivo</i> Screening Paradigm for Development of Drugs To Treat Cutaneous Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	16
22	Pre-clinical evaluation of CYP 2D6 dependent drug-drug interactions between primaquine and SSRI/SNRI antidepressants. <i>Malaria Journal</i> , 2016, 15, 280.	2.3	14
23	Pharmacokinetic evaluation of intravenous artesunate in adults with uncomplicated falciparum malaria in Kenya: a phase II study. <i>Malaria Journal</i> , 2014, 13, 281.	2.3	13
24	Development of a triclosan scaffold which allows for adaptations on both the A- and B-ring for transport peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3551-3555.	2.2	12
25	Protective immune mechanisms against pre-erythrocytic forms of <i>Plasmodium berghei</i> depend on the target antigen. <i>Trials in Vaccinology</i> , 2014, 3, 6-10.	1.2	11
26	The development of broad-spectrum antiviral medical countermeasures to treat viral hemorrhagic fevers caused by natural or weaponized virus infections. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010220.	3.0	11
27	Long-Term Prophylaxis and Pharmacokinetic Evaluation of Intramuscular Nano- and Microparticle Decoquinatate in Mice Infected with <i>P. berghei</i> Sporozoites. <i>Malaria Research and Treatment</i> , 2017, 2017, 1-10.	2.0	10
28	An <i>In vivo</i> Drug Screening Model Using Glucose-6-Phosphate Dehydrogenase Deficient Mice to Predict the Hemolytic Toxicity of 8-Aminoquinolines. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 1138-1145.	1.4	9
29	Comparison of visual and automated Deki Reader interpretation of malaria rapid diagnostic tests in rural Tanzanian military health facilities. <i>Malaria Journal</i> , 2018, 17, 214.	2.3	8
30	Detection of influenza virus from throat and pharyngeal swabs with a nested duplex light cyclers RT-PCR1. <i>Diagnostic Microbiology and Infectious Disease</i> , 2003, 46, 35-37.	1.8	6
31	The use of Fionet technology for external quality control of malaria rapid diagnostic tests and monitoring health workers' performance in rural military health facilities in Tanzania. <i>PLoS ONE</i> , 2018, 13, e0208583.	2.5	6
32	Efficacy of Delafloxacin against the Biothreat Pathogen <i>Burkholderia pseudomallei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0073621.	3.2	6
33	3,5-Bis(benzylidene)-4-piperidones and related N-acyl analogs: A novel cluster of antimalarials targeting the liver stage of <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7250-7256.	3.0	5
34	Comparative Susceptibility of Different Mouse Strains to Liver-Stage Infection With <i>Plasmodium berghei</i> Sporozoites Assessed Using <i>In Vivo</i> Imaging. <i>Military Medicine</i> , 2017, 182, 360-368.	0.8	5
35	The Impact of Pharmacokinetic Mismatched Antimalarial Drug Combinations on the Emergence and Spread of Drug Resistant Parasites. , 2015, , .		4
36	Modulating <i>Acinetobacter baumannii</i> biofilm development with molecules containing 3,4,5-trimethoxy-N,N ² ,N ² -trimethylbenzohydrazide moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2238-2242.	2.2	4

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37	From a cytotoxic agent to the discovery of a novel antimalarial agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 584-587.	2.2	3
38	Updating the modified Thompson test by using whole-body bioluminescence imaging to replace traditional efficacy testing in experimental models of murine malaria. <i>Malaria Journal</i> , 2019, 18, 38.	2.3	3
39	Prevalence of asymptomatic malaria infections in selected military camps in Tanzania. <i>Tanzania Journal of Health Research</i> , 2020, 21, 1-11.	0.2	3
40	Therapeutic and Toxicological Inhibition of Vasculogenesis and Angiogenesis Mediated by Artesunate, a Compound with Both Antimalarial and Anticancer Efficacy. , 2011, , .		1