Janette Reader

List of Publications by Year
in descending order

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38 papers	1,003 citations	516710 16 h-index	477307 29 g-index
43 all docs	43 docs citations	43 times ranked	1302 citing authors

#	Article	IF	Citations
1	A Dynamic and Combinatorial Histone Code Drives Malaria Parasite Asexual and Sexual Development. Molecular and Cellular Proteomics, 2022, 21, 100199.	3.8	11
2	The ecdysone receptor regulates several key physiological factors in Anopheles funestus. Malaria Journal, 2022, 21, 97.	2.3	4
3	Adsorption to the Surface of Hemozoin Crystals: Structureâ€Based Design and Synthesis of Aminoâ€Phenoxazine Î²â€Hematin Inhibitors. ChemMedChem, 2022, 17, .	3.2	4
4	Semi-Synthetic Analogues of Cryptolepine as a Potential Source of Sustainable Drugs for the Treatment of Malaria, Human African Trypanosomiasis, and Cancer. Frontiers in Pharmacology, 2022, 13, .	3.5	3
5	In vitro dual activity of Aloe marlothii roots and its chemical constituents against Plasmodium falciparum asexual and sexual stage parasites. Journal of Ethnopharmacology, 2022, 297, 115551.	4.1	4
6	New Amidated 3,6-Diphenylated Imidazopyridazines with Potent Antiplasmodium Activity Are Dual Inhibitors of Plasmodium Phosphatidylinositol-4-kinase and cGMP-Dependent Protein Kinase. ACS Infectious Diseases, 2021, 7, 34-46.	3.8	13
7	Multistage and transmission-blocking targeted antimalarials discovered from the open-source MMV Pandemic Response Box. Nature Communications, 2021, 12, 269.	12.8	61
8	Identification and Profiling of a Novel Diazaspiro[3.4]octane Chemical Series Active against Multiple Stages of the Human Malaria Parasite Plasmodium falciparum and Optimization Efforts. Journal of Medicinal Chemistry, 2021, 64, 2291-2309.	6.4	11
9	Benzimidazole Derivatives Are Potent against Multiple Life Cycle Stages of Plasmodium falciparum Malaria Parasites. ACS Infectious Diseases, 2021, 7, 1945-1955.	3.8	18
10	Antimalarial Benzimidazole Derivatives Incorporating Phenolic Mannich Base Side Chains Inhibit Microtubule and Hemozoin Formation: Structureâ€“Activity Relationship and In Vivo Oral Efficacy Studies. Journal of Medicinal Chemistry, 2021, 64, 5198-5215.	6.4	16
11	H3K36 methylation reprograms gene expression to drive early gametocyte development in Plasmodium falciparum. Epigenetics and Chromatin, 2021, 14, 19.	3.9	11
12	Structureâ€“Activity Relationship Studies Reveal New Astemizole Analogues Active against Plasmodium falciparum In Vitro. ACS Medicinal Chemistry Letters, 2021, 12, 1333-1341.	2.8	7
13	Chemogenomic Fingerprints Associated with Stage-Specific Gametocytocidal Compound Action against Human Malaria Parasites. ACS Infectious Diseases, 2021, 7, 2904-2916.	3.8	1
14	The Artemiside-Artemisox-Artemisone-M1 Tetrad: Efficacies against Blood Stage P. falciparum Parasites, DMPK Properties, and the Case for Artemiside. Pharmaceutics, 2021, 13, 2066.	4.5	4
15	Identification of 2,4-Disubstituted Imidazopyridines as Hemozoin Formation Inhibitors with Fast-Killing Kinetics and In Vivo Efficacy in the Plasmodium falciparum NSG Mouse Model. Journal of Medicinal Chemistry, 2020, 63, 13013-13030.	6.4	11
16	Naphthylisoquinoline alkaloids, validated as hit multistage antiplasmodial natural products. International Journal for Parasitology: Drugs and Drug Resistance, 2020, 13, 51-58.	3.4	16
17	Epigenetic inhibitors target multiple stages of Plasmodium falciparum parasites. Scientific Reports, 2020, 10, 2355.	3.3	52
18	Hierarchical transcriptional control regulates Plasmodium falciparum sexual differentiation. BMC Genomics, 2019, 20, 920.	2.8	62

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19	Structureâ€“Activity Relationship Studies and Plasmodium Life Cycle Profiling Identifies Pan-Active N-Aryl-3-trifluoromethyl Pyrido[1,2-a]benzimidazoles Which Are Efficacious in an in Vivo Mouse Model of Malaria. Journal of Medicinal Chemistry, 2019, 62, 1022-1035.	6.4	8
20	Multistage Antiplasmodium Activity of Astemizole Analogues and Inhibition of Hemozoin Formation as a Contributor to Their Mode of Action. ACS Infectious Diseases, 2019, 5, 303-315.	3.8	16
21	Optimal 10-Aminoartemisinins With Potent Transmission-Blocking Capabilities for New Artemisinin Combination Therapiesâ€“Activities Against Blood Stage P. falciparum Including PfKI3 C580Y Mutants and Liver Stage P. berghei Parasites. Frontiers in Chemistry, 2019, 7, 901.	3.6	16
22	Potent Plasmodium falciparum gametocytocidal compounds identified by exploring the kinase inhibitor chemical space for dual active antimalarials. Journal of Antimicrobial Chemotherapy, 2018, 73, 1279-1290.	3.0	19
23	Inducing controlled cell cycle arrest and re-entry during asexual proliferation of Plasmodium falciparum malaria parasites. Scientific Reports, 2018, 8, 16581.	3.3	31
24	Accessible and distinct decoquinate derivatives active against Mycobacterium tuberculosis and apicomplexan parasites. Communications Chemistry, 2018, 1, .	4.5	30
25	UCT943, a Next-Generation Plasmodium falciparum PI4K Inhibitor Preclinical Candidate for the Treatment of Malaria. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	40
26	Artemisone and Artemiside Are Potent Panreactive Antimalarial Agents That Also Synergize Redox Imbalance in Plasmodium falciparum Transmissible Gametocyte Stages. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	39
27	Antimalarial Pyrido[1,2-a]benzimidazoles: Lead Optimization, Parasite Life Cycle Stage Profile, Mechanistic Evaluation, Killing Kinetics, and in Vivo Oral Efficacy in a Mouse Model. Journal of Medicinal Chemistry, 2017, 60, 1432-1448.	6.4	36
28	Antimalarial efficacy of MMV390048, an inhibitor of Plasmodium phosphatidylinositol 4-kinase. Science Translational Medicine, 2017, 9, .	12.4	204
29	Activities of 11â€Azaartemisinin and Nâ€Sulfonyl Derivatives against Asexual and Transmissible Malaria Parasites. ChemMedChem, 2017, 12, 2086-2093.	3.2	17
30	Identification of a Potential Antimalarial Drug Candidate from a Series of 2-Aminopyrazines by Optimization of Aqueous Solubility and Potency across the Parasite Life Cycle. Journal of Medicinal Chemistry, 2016, 59, 9890-9905.	6.4	51
31	Nowhere to hide: interrogating different metabolic parameters of Plasmodium falciparum gametocytes in a transmission blocking drug discovery pipeline towards malaria elimination. Malaria Journal, 2015, 14, 213.	2.3	85
32	Interrogating alkyl and arylalkylpolyamino (bis)urea and (bis)thiourea isosteres as potent antimalarial chemotypes against multiple lifecycle forms of Plasmodium falciparum parasites. Bioorganic and Medicinal Chemistry, 2015, 23, 5131-5143.	3.0	21
33	A Novel Pyrazolopyridine with in Vivo Activity in Plasmodium berghei- and Plasmodium falciparum-Infected Mouse Models from Structureâ€“Activity Relationship Studies around the Core of Recently Identified Antimalarial Imidazopyridazines. Journal of Medicinal Chemistry, 2015, 58, 8713-8722.	6.4	32
34	Discovery of Compounds Blocking the Proliferation of Toxoplasma gondii and Plasmodium falciparum in a Chemical Space Based on Piperidinyl-Benzimidazolone Analogs. Antimicrobial Agents and Chemotherapy, 2014, 58, 2586-2597.	3.2	9
35	Anthracene-Polyamine Conjugates Inhibit In Vitro Proliferation of Intraerythrocytic Plasmodium falciparum Parasites. Antimicrobial Agents and Chemotherapy, 2013, 57, 2874-2877.	3.2	14
36	Exploring the transmission-blocking activity of antiplasmodial 3,6-diarylated imidazopyridazines. Transactions of the Royal Society of South Africa, 0, , 1-9.	1.1	1

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37	Adapt or Die: Targeting Unique Transmission-Stage Biology for Malaria Elimination. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	8
38	Streamlined and Robust Stage-Specific Profiling of Gametocytocidal Compounds Against Plasmodium falciparum. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	4