

Janette Reader

List of Publications by Year in descending order

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38
papers

1,003
citations

516710

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477307

29
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docs citations

43
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimalarial efficacy of MMV390048, an inhibitor of <i>Plasmodium</i> phosphatidylinositol 4-kinase. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	204
2	Nowhere to hide: interrogating different metabolic parameters of <i>Plasmodium falciparum</i> gametocytes in a transmission blocking drug discovery pipeline towards malaria elimination. <i>Malaria Journal</i> , 2015, 14, 213.	2.3	85
3	Hierarchical transcriptional control regulates <i>Plasmodium falciparum</i> sexual differentiation. <i>BMC Genomics</i> , 2019, 20, 920.	2.8	62
4	Multistage and transmission-blocking targeted antimalarials discovered from the open-source MMV Pandemic Response Box. <i>Nature Communications</i> , 2021, 12, 269.	12.8	61
5	Epigenetic inhibitors target multiple stages of <i>Plasmodium falciparum</i> parasites. <i>Scientific Reports</i> , 2020, 10, 2355.	3.3	52
6	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. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9890-9905.	6.4	51
7	UCT943, a Next-Generation <i>Plasmodium falciparum</i> PI4K Inhibitor Preclinical Candidate for the Treatment of Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	40
8	Artemisone and Artemiside Are Potent Panreactive Antimalarial Agents That Also Synergize Redox Imbalance in <i>Plasmodium falciparum</i> Transmissible Gametocyte Stages. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	39
9	Antimalarial Pyrido[1,2- <i>a</i>]benzimidazoles: Lead Optimization, Parasite Life Cycle Stage Profile, Mechanistic Evaluation, Killing Kinetics, and in Vivo Oral Efficacy in a Mouse Model. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1432-1448.	6.4	36
10	A Novel Pyrazolopyridine with in Vivo Activity in <i>Plasmodium berghei</i> - and <i>Plasmodium falciparum</i> Infected Mouse Models from Structure-Activity Relationship Studies around the Core of Recently Identified Antimalarial Imidazopyridazines. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8713-8722.	6.4	32
11	Inducing controlled cell cycle arrest and re-entry during asexual proliferation of <i>Plasmodium falciparum</i> malaria parasites. <i>Scientific Reports</i> , 2018, 8, 16581.	3.3	31
12	Accessible and distinct decoquinone derivatives active against <i>Mycobacterium tuberculosis</i> and apicomplexan parasites. <i>Communications Chemistry</i> , 2018, 1, .	4.5	30
13	Interrogating alkyl and arylalkylpolyamino (bis)urea and (bis)thiourea isosteres as potent antimalarial chemotypes against multiple lifecycle forms of <i>Plasmodium falciparum</i> parasites. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5131-5143.	3.0	21
14	Potent <i>Plasmodium falciparum</i> gametocytocidal compounds identified by exploring the kinase inhibitor chemical space for dual active antimalarials. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1279-1290.	3.0	19
15	Benzimidazole Derivatives Are Potent against Multiple Life Cycle Stages of <i>Plasmodium falciparum</i> Malaria Parasites. <i>ACS Infectious Diseases</i> , 2021, 7, 1945-1955.	3.8	18
16	Activities of 11 <i>Azaartemisinin</i> and <i>Sulfonyl</i> Derivatives against Asexual and Transmissible Malaria Parasites. <i>ChemMedChem</i> , 2017, 12, 2086-2093.	3.2	17
17	Multistage Antiplasmodium Activity of Astemizole Analogues and Inhibition of Hemozoin Formation as a Contributor to Their Mode of Action. <i>ACS Infectious Diseases</i> , 2019, 5, 303-315.	3.8	16
18	Naphthylisoquinoline alkaloids, validated as hit multistage antiplasmodial natural products. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2020, 13, 51-58.	3.4	16

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19	Optimal 10-Aminoartemisinins With Potent Transmission-Blocking Capabilities for New Artemisinin Combination Therapies' Activities Against Blood Stage <i>P. falciparum</i> Including PfK13 C580Y Mutants and Liver Stage <i>P. berghei</i> Parasites. <i>Frontiers in Chemistry</i> , 2019, 7, 901.	3.6	16
20	Antimalarial Benzimidazole Derivatives Incorporating Phenolic Mannich Base Side Chains Inhibit Microtubule and Hemozoin Formation: Structure-Activity Relationship and <i>In Vivo</i> Oral Efficacy Studies. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5198-5215.	6.4	16
21	Anthracene-Polyamine Conjugates Inhibit <i>In Vitro</i> Proliferation of Intraerythrocytic <i>Plasmodium falciparum</i> Parasites. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2874-2877.	3.2	14
22	New Amidated 3,6-Diphenylated Imidazopyridazines with Potent Antiplasmodium Activity Are Dual Inhibitors of <i>Plasmodium</i> Phosphatidylinositol-4-kinase and cGMP-Dependent Protein Kinase. <i>ACS Infectious Diseases</i> , 2021, 7, 34-46.	3.8	13
23	Identification of 2,4-Disubstituted Imidazopyridines as Hemozoin Formation Inhibitors with Fast-Killing Kinetics and <i>In Vivo</i> Efficacy in the <i>Plasmodium falciparum</i> NSG Mouse Model. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13013-13030.	6.4	11
24	Identification and Profiling of a Novel Diazaspiro[3.4]octane Chemical Series Active against Multiple Stages of the Human Malaria Parasite <i>Plasmodium falciparum</i> and Optimization Efforts. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2291-2309.	6.4	11
25	H3K36 methylation reprograms gene expression to drive early gametocyte development in <i>Plasmodium falciparum</i> . <i>Epigenetics and Chromatin</i> , 2021, 14, 19.	3.9	11
26	A Dynamic and Combinatorial Histone Code Drives Malaria Parasite Asexual and Sexual Development. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100199.	3.8	11
27	Discovery of Compounds Blocking the Proliferation of <i>Toxoplasma gondii</i> and <i>Plasmodium falciparum</i> in a Chemical Space Based on Piperidinyl-Benzimidazolone Analogs. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2586-2597.	3.2	9
28	Structure-Activity Relationship Studies and <i>Plasmodium</i> Life Cycle Profiling Identifies Pan-Active <i>N</i> -Aryl-3-trifluoromethyl Pyrido[1,2- <i>a</i>]benzimidazoles Which Are Efficacious in an <i>In Vivo</i> Mouse Model of Malaria. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1022-1035.	6.4	8
29	Adapt or Die: Targeting Unique Transmission-Stage Biology for Malaria Elimination. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	8
30	Structure-Activity Relationship Studies Reveal New Astemizole Analogues Active against <i>Plasmodium falciparum</i> <i>In Vitro</i> . <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1333-1341.	2.8	7
31	The ecdysone receptor regulates several key physiological factors in <i>Anopheles funestus</i> . <i>Malaria Journal</i> , 2022, 21, 97.	2.3	4
32	Adsorption to the Surface of Hemozoin Crystals: Structure-Based Design and Synthesis of Amino-Phenoxazine Hematin Inhibitors. <i>ChemMedChem</i> , 2022, 17, .	3.2	4
33	The Artemiside-Artemisox-Artemisone-M1 Tetrad: Efficacies against Blood Stage <i>P. falciparum</i> Parasites, DMPK Properties, and the Case for Artemiside. <i>Pharmaceutics</i> , 2021, 13, 2066.	4.5	4
34	Streamlined and Robust Stage-Specific Profiling of Gametocytocidal Compounds Against <i>Plasmodium falciparum</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	4
35	<i>In vitro</i> dual activity of <i>Aloe marlothii</i> roots and its chemical constituents against <i>Plasmodium falciparum</i> asexual and sexual stage parasites. <i>Journal of Ethnopharmacology</i> , 2022, 297, 115551.	4.1	4
36	Semi-Synthetic Analogues of Cryptolepine as a Potential Source of Sustainable Drugs for the Treatment of Malaria, Human African Trypanosomiasis, and Cancer. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	3

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37	Chemogenomic Fingerprints Associated with Stage-Specific Gametocytocidal Compound Action against Human Malaria Parasites. ACS Infectious Diseases, 2021, 7, 2904-2916.	3.8	1
38	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