Donelly Andrew van Schalkwyk

List of Publications by Year
in descending order

40 papers	1,865 citations	304743 22 h-index	289244 40 g-index
46 all docs	46 docs citations	46 times ranked	2676 citing authors

#	Article	IF	Citations
1	Fate of haem iron in the malaria parasite Plasmodium falciparum. Biochemical Journal, 2002, 365, 343-347.	3.7	253
2	Exploring the potential of xanthene derivatives as trypanothione reductase inhibitors and chloroquine potentiating agents. Tetrahedron, 2003, 59, 2289-2296.	1.9	161
3	Paperâ€Origamiâ€Based Multiplexed Malaria Diagnostics from Whole Blood. Angewandte Chemie - International Edition, 2016, 55, 15250-15253.	13.8	125
4	Directional Selection at the pfmdr1, pfcrt, pfubp1, and pfap2mu Loci of Plasmodium falciparum in Kenyan Children Treated With ACT. Journal of Infectious Diseases, 2014, 210, 2001-2008.	4.0	108
5	In Vitro Antimalarial Activity of a Series of Cationic 2,2â€˜-Bipyridyl- and 1,10-Phenanthrolineplatinum(II) Benzoylthiourea Complexes. Journal of Medicinal Chemistry, 2004, 47, 2926-2934.	6.4	93
6	pfk13 -Independent Treatment Failure in Four Imported Cases of Plasmodium falciparum Malaria Treated with Artemether-Lumefantrine in the United Kingdom. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	91
7	Antimalarial Quinolines and Artemisinin Inhibit Endocytosis in Plasmodium falciparum. Antimicrobial Agents and Chemotherapy, 2004, 48, 2370-2378.	3.2	90
8	New amine and urea analogs of ferrochloroquine: synthesis, antimalarial activity in vitro and electrochemical studies. Tetrahedron Letters, 2000, 41, 6231-6235.	1.4	73
9	Quinoline-resistance reversing agents for the malaria parasite Plasmodium falciparum. Drug Resistance Updates, 2006, 9, 211-226.	14.4	69
10	Plasmodium falciparum expresses a multidrug resistance-associated protein. Biochemical and Biophysical Research Communications, 2004, 321, 197-201.	2.1	54
11	The Inhibitory Effect of 2-Halo Derivatives of d-Glucose on Glycolysis and on the Proliferation of the Human Malaria Parasite Plasmodium falciparum. Journal of Pharmacology and Experimental Therapeutics, 2008, 327, 511-517.	2.5	45
12	Modification of pfap2Î¼ and pfubp1 Markedly Reduces Ring-Stage Susceptibility of Plasmodium falciparum to Artemisinin In Vitro. Antimicrobial Agents and Chemotherapy, 2019, 64, .	3.2	45
13	The Mu Subunit of Plasmodium falciparum Clathrin-Associated Adaptor Protein 2 Modulates In Vitro Parasite Response to Artemisinin and Quinine. Antimicrobial Agents and Chemotherapy, 2015, 59, 2540-2547.	3.2	42
14	A novel multiplex qPCR assay for detection of Plasmodium falciparum with histidine-rich protein 2 and 3 (pfhrp2 and pfhrp3) deletions in polyclonal infections. EBioMedicine, 2020, 55, 102757.	6.1	41
15	Reversal of chloroquine resistance in Plasmodium falciparum by 9H-xanthene derivatives. International Journal of Antimicrobial Agents, 2005, 26, 170-175.	2.5	40
16	Pantothenate Utilization by Plasmodium as a Target for Antimalarial Chemotherapy. Infectious Disorders - Drug Targets, 2010, 10, 200-216.	0.8	39
17	Inhibition of Plasmodium falciparum pH regulation by small molecule indole derivatives results in rapid parasite death. Biochemical Pharmacology, 2010, 79, 1291-1299.	4.4	38
18	Reversal of Chloroquine Resistance in Plasmodium falciparum Using Combinations of Chemosensitizers. Antimicrobial Agents and Chemotherapy, 2001, 45, 3171-3174.	3.2	36

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19	Culture-adapted Plasmodium falciparum isolates from UK travellers: in vitro drug sensitivity, clonality and drug resistance markers. Malaria Journal, 2013, 12, 320.	2.3	36
20	Identification and Deconvolution of Cross-Resistance Signals from Antimalarial Compounds Using Multidrug-Resistant Plasmodium falciparum Strains. Antimicrobial Agents and Chemotherapy, 2015, 59, 1110-1118.	3.2	34
21	Comparison of the susceptibility of Plasmodium knowlesi and Plasmodium falciparum to antimalarial agents. Journal of Antimicrobial Chemotherapy, 2017, 72, 3051-3058.	3.0	32
22	The Plasmodium falciparum Artemisinin Susceptibility-Associated AP-2 Adaptin Î¼ Subunit is Clathrin Independent and Essential for Schizont Maturation. MBio, 2020, 11, .	4.1	27
23	Loss of pH Control in Plasmodium falciparum Parasites Subjected to Oxidative Stress. PLoS ONE, 2013, 8, e58933.	2.5	26
24	Plasmodium knowlesi exhibits distinct in vitro drug susceptibility profiles from those of Plasmodium falciparum. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 9, 93-99.	3.4	25
25	1H-NMR metabolite profiles of different strains of Plasmodium falciparum. Bioscience Reports, 2014, 34, e00150.	2.4	22
26	Verapamil-Sensitive Transport of Quinacrine and Methylene Blue via thePlasmodium falciparumChloroquine Resistance Transporter Reduces the Parasite's Susceptibility to these Tricyclic Drugs. Journal of Infectious Diseases, 2016, 213, 800-810.	4.0	22
27	Feedback Inhibition of Pantothenate Kinase Regulates Pantothenol Uptake by the Malaria Parasite. Journal of Biological Chemistry, 2007, 282, 25395-25405.	3.4	19
28	Studies with the Plasmodium falciparum hexokinase reveal that PfHT limits the rate of glucose entry into glycolysis. FEBS Letters, 2013, 587, 3182-3187.	2.8	19
29	Clinical Validation of a Commercial LAMP Test for Ruling out Malaria in Returning Travelers: A Prospective Diagnostic Trial. Open Forum Infectious Diseases, 2018, 5, ofy260.	0.9	19
30	Degradation of Artemisinin-Based Combination Therapies Under Tropical Conditions. American Journal of Tropical Medicine and Hygiene, 2016, 94, 993-1001.	1.4	18
31	Malaria resistance to non-artemisinin partner drugs: how to reACT. Lancet Infectious Diseases, The, 2015, 15, 621-623.	9.1	16
32	Clinical management of Plasmodium knowlesi malaria. Advances in Parasitology, 2021, 113, 45-76.	3.2	15
33	Differential Drug Efflux or Accumulation Does Not Explain Variation in the Chloroquine Response of Plasmodium falciparum Strains Expressing the Same Isoform of Mutant PfCRT. Antimicrobial Agents and Chemotherapy, 2011, 55, 2310-2318.	3.2	14
34	Transient temperature fluctuations severely decrease P. falciparum susceptibility to artemisinin in vitro. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 9, 23-26.	3.4	14
35	Novel Endochin-Like Quinolones Exhibit Potent In Vitro Activity against Plasmodium knowlesi but Do Not Synergize with Proguanil. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	12
36	Failure of rapid diagnostic tests in Plasmodium falciparum malaria cases among travelers to the UK and Ireland: Identification and characterisation of the parasites. International Journal of Infectious Diseases, 2021, 108, 137-144.	3.3	12

#	Article	IF	Citations
37	The antimalarial efficacy and mechanism of resistance of the novel chemotype DDD01034957. Scientific Reports, 2021, 11, 1888.	3.3	10
38	Ex vivo susceptibility to new antimalarial agents differs among human-infecting Plasmodium species. International Journal for Parasitology: Drugs and Drug Resistance, 2021, 17, 5-11.	3.4	5
39	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
40	We must go for gold in public health: Table 1. BMJ, The, 2016, 354, i5138.	6.0	0