

Jacob D Johnson

List of Publications by Year in descending order

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22
papers

976
citations

567281

15
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1662
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment and Continued Validation of the Malaria SYBR Green I-Based Fluorescence Assay for Use in Malaria Drug Screening. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1926-1933.	3.2	290
2	Calcium mobilization and Rac1 activation are required for VCAM-1 (vascular cell adhesion molecule-1) stimulation of NADPH oxidase activity. <i>Biochemical Journal</i> , 2004, 378, 539-547.	3.7	94
3	Use of the NP-40 Detergent-Mediated Assay in Discovery of Inhibitors of \hat{I}^2 -Hematin Crystallization. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3363-3369.	3.2	84
4	The Role of Pfmdr1 and Pfcr1 in Changing Chloroquine, Amodiaquine, Mefloquine and Lumefantrine Susceptibility in Western-Kenya <i>P. falciparum</i> Samples during 2008â€“2011. <i>PLoS ONE</i> , 2013, 8, e64299.	2.5	75
5	Human and Murine High Endothelial Venule Cells Phagocytose Apoptotic Leukocytes. <i>Experimental Cell Research</i> , 1997, 236, 404-411.	2.6	53
6	Antimalarial Drug Sensitivity Profile of Western Kenya Plasmodium falciparum Field Isolates Determined by a SYBR Green I in vitro Assay and Molecular Analysis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 85, 34-41.	1.4	47
7	Field evaluation of diagnostic performance of malaria rapid diagnostic tests in western Kenya. <i>Malaria Journal</i> , 2016, 15, 456.	2.3	47
8	Targeting the Fatty Acid Biosynthesis Enzyme, \hat{I}^2 -Ketoacyl- \hat{A}^{\sim} Acyl Carrier Protein Synthase III (PfkASIII), in the Identification of Novel Antimalarial Agents. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 952-963.	6.4	40
9	Assessment of Malaria In Vitro Drug Combination Screening and Mixed-Strain Infections Using the Malaria Sybr Green I-Based Fluorescence Assay. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2557-2563.	3.2	36
10	High-Throughput Analysis of Antimalarial Susceptibility Data by the WorldWide Antimalarial Resistance Network (WWARN) <i>In Vitro</i> Analysis and Reporting Tool. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3121-3130.	3.2	36
11	The antiplasmodial and radical scavenging activities of flavonoids of <i>Erythrina burttii</i> . <i>Acta Tropica</i> , 2012, 123, 123-127.	2.0	30
12	Direct comparison of the histidine-rich protein-2 enzyme-linked immunosorbent assay (HRP-2 ELISA) and malaria SYBR green I fluorescence (MSF) drug sensitivity tests in Plasmodium falciparum reference clones and fresh ex vivo field isolates from Cambodia. <i>Malaria Journal</i> , 2013, 12, 239.	2.3	26
13	A SYBR Green 1-based in vitro test of susceptibility of Ghanaian Plasmodium falciparum clinical isolates to a panel of anti-malarial drugs. <i>Malaria Journal</i> , 2013, 12, 450.	2.3	26
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	Polymorphisms in Pf <i>mdr1</i> , Pf <i>crt</i> , and Pf <i>nhe1</i> Genes Are Associated with Reduced <i>In Vitro</i> Activities of Quinine in Plasmodium falciparum Isolates from Western Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3737-3743.	3.2	20
16	Alkyl phenols, alkenyl cyclohexenones and other phytochemical constituents from <i>Lannea rivae</i> (chiiov) Sacleux (Anacardiaceae) and their bioactivity. <i>Medicinal Chemistry Research</i> , 2016, 25, 690-703.	2.4	15
17	CD44, \hat{I}^4 integrin, and fucoidin receptor-mediated phagocytosis of apoptotic leukocytes. <i>Journal of Leukocyte Biology</i> , 2003, 74, 810-820.	3.3	13
18	Molecular Characterization of the Cytochrome b Gene and In Vitro Atovaquone Susceptibility of Plasmodium falciparum Isolates from Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1818-1821.	3.2	7

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19	<i>Lactococcus lactis</i> fabH, Encoding β^2 -Ketoacyl-Acyl Carrier Protein Synthase, Can Be Functionally Replaced by the <i>Plasmodium falciparum</i> Congener. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3959-3966.	3.1	5
20	Inhibitory Activity of Ferroquine, versus Chloroquine, against Western Kenya <i>Plasmodium falciparum</i> Field Isolates Determined by a SYBR Green I In Vitro Assay. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 85, 984-988.	1.4	4
21	Five-year tracking of <i>Plasmodium falciparum</i> allele frequencies in a holoendemic area with indistinct seasonal transitions. <i>Journal of Multidisciplinary Healthcare</i> , 2014, 7, 515.	2.7	4
22	The use of a prodrug approach to minimize potential CNS exposure of next generation quinoline methanols while maintaining efficacy in in vivo animal models. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2014, 39, 231-236.	1.6	3