

# Sanjeev Krishna

## List of Publications by Year in descending order

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187  
papers

13,148  
citations

26405

56  
h-index

28909

105  
g-index

211  
all docs

211  
docs citations

211  
times ranked

13374  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Mefloquine resistance in Plasmodium falciparum and increased pfmdr1 gene copy number. Lancet, The, 2004, 364, 438-447.   | 12.1 | 713       |
| 2  | Aquaporinâ€4 facilitates reabsorption of excess fluid in vasogenic brain edema. FASEB Journal, 2004, 18, 1291-1293.  | 0.5  | 690       |
| 3  | The trypanosomiasis. Lancet, The, 2003, 362, 1469-1480.  | 12.1 | 679       |
| 4  | Severe Hypoglycemia and Hyperinsulinemia in Falciparum Malaria. New England Journal of Medicine, 1983, 309, 61-66.   | 30.1 | 421       |
| 5  | Phase 1 Trials of rVSV Ebola Vaccine in Africa and Europe. New England Journal of Medicine, 2016, 374, 1647-1660.  | 30.1 | 361       |
| 6  | Decreasing pfmdr1 Copy Number in Plasmodium falciparum Malaria Heightens Susceptibility to Mefloquine, Lumefantrine, Halofantrine, Quinine, and Artemisinin. Journal of Infectious Diseases, 2006, 194, 528-535. | 3.9  | 330       |
| 7  | Diagnosis of Clostridium difficile infection by toxin detection kits: a systematic review. Lancet Infectious Diseases, The, 2008, 8, 777-784.  | 8.9  | 311       |
| 8  | Severe Falciparum Malaria in Children Current Understanding of Pathophysiology and Supportive Treatment. , 1998, 79, 1-53.   |      | 310       |
| 9  | Artemisinins: their growing importance in medicine. Trends in Pharmacological Sciences, 2008, 29, 520-527.   | 8.6  | 310       |
| 10 | Molecular and Pharmacological Determinants of the Therapeutic Response to Artemether-Lumefantrine in Multidrug-Resistant Plasmodium falciparum Malaria. Clinical Infectious Diseases, 2006, 42, 1570-1577.       | 5.7  | 261       |
| 11 | Pharmacokinetics of Quinine, Chloroquine and Amodiaquine. Clinical Pharmacokinetics, 1996, 30, 263-299.  | 3.6  | 259       |
| 12 | Identification of diagnostic markers for tuberculosis by proteomic fingerprinting of serum. Lancet, The, 2006, 368, 1012-1021.   | 12.1 | 241       |
| 13 | Antimalarial combinations. Lancet, The, 2004, 364, 285-294.  | 12.1 | 234       |
| 14 | A single amino acid residue can determine the sensitivity of SERCAs to artemisinins. Nature Structural and Molecular Biology, 2005, 12, 628-629.   | 8.1  | 233       |
| 15 | Artemisinins: mechanisms of action and potential for resistance. Drug Resistance Updates, 2004, 7, 233-244.  | 14.6 | 184       |
| 16 | Genome variation and evolution of the malaria parasite Plasmodium falciparum. Nature Genetics, 2007, 39, 120-125.  | 20.4 | 184       |
| 17 | A Randomised, Double Blind, Placebo-Controlled Pilot Study of Oral Artesunate Therapy for Colorectal Cancer. EBioMedicine, 2015, 2, 82-90.   | 6.0  | 163       |
| 18 | Severe malaria - a case of fatal Plasmodium knowlesi infection with post-mortem findings: a case report. Malaria Journal, 2010, 9, 10.   | 2.2  | 158       |

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|----|---|------|-----------|
| 19 | Severe falciparum malaria in Gabonese children: clinical and laboratory features. <i>Malaria Journal</i> , 2005, 4, 1.  | 2.2  | 156       |
| 20 | The regulation of masticatory function and food bolus formation. <i>Journal of Oral Rehabilitation</i> , 2006, 33, 840-849.   | 3.0  | 146       |
| 21 | A novel and accurate diagnostic test for human African trypanosomiasis. <i>Lancet, The</i> , 2004, 363, 1358-1363.  | 12.1 | 139       |
| 22 | Recurrent Gene Amplification and Soft Selective Sweeps during Evolution of Multidrug Resistance in Malaria Parasites. <i>Molecular Biology and Evolution</i> , 2006, 24, 562-573.   | 9.2  | 139       |
| 23 | Validation of the hexose transporter of <i>Plasmodium falciparum</i> as a novel drug target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7476-7479.                                   | 7.6  | 135       |
| 24 | The role of <i>pfmdr1</i> in <i>Plasmodium falciparum</i> tolerance to artemetherâ€lumefantrine in Africa. <i>Tropical Medicine and International Health</i> , 2007, 12, 736-742.   | 2.0  | 132       |
| 25 | <i>Mycobacterium tuberculosis</i> Expresses a Novel Ph-Dependent Divalent Cation Transporter Belonging to the Nramp Family. <i>Journal of Experimental Medicine</i> , 1999, 190, 717-724.   | 8.8  | 131       |
| 26 | Intraerythrocytic <i>Plasmodium falciparum</i> Expresses a High Affinity Facilitative Hexose Transporter. <i>Journal of Biological Chemistry</i> , 1999, 274, 7272-7277.  | 3.5  | 130       |
| 27 | Artemisinins Inhibit <i>Trypanosoma cruzi</i> and <i>Trypanosoma brucei rhodesiense</i> In Vitro Growth. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1852-1854.  | 3.4  | 120       |
| 28 | Systems Vaccinology Identifies an Early Innate Immune Signature as a Correlate of Antibody Responses to the Ebola Vaccine rVSV-ZEBOV. <i>Cell Reports</i> , 2017, 20, 2251-2261.  | 6.3  | 112       |
| 29 | The Fe <sup>2+</sup> -Mediated Decomposition, PfATP6 Binding, and Antimalarial Activities of Artemisone and Other Artemisinins: The Unlikelihood of Câ€Centered Radicals as Bioactive Intermediates. <i>ChemMedChem</i> , 2007, 2, 1480-1497. | 3.4  | 108       |
| 30 | Metal ion homeostasis and intracellular parasitism. <i>Molecular Microbiology</i> , 1998, 28, 403-412.  | 2.5  | 102       |
| 31 | Artemisinins: activities and actions. <i>Microbes and Infection</i> , 2004, 6, 1339-1346.   | 2.0  | 96        |
| 32 | Bioavailability and Preliminary Clinical Efficacy of Intrarectal Artesunate in Ghanaian Children with Moderate Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 509-516.   | 3.4  | 94        |
| 33 | Expression and Functional Characterization of a <i>Plasmodium falciparum</i> Ca <sup>2+</sup> -ATPase (PfATP4) Belonging to a Subclass Unique to Apicomplexan Organisms. <i>Journal of Biological Chemistry</i> , 2001, 276, 10782-10787.     | 3.5  | 91        |
| 34 | Antischistosomal activity of artemisinin derivatives in vivo and in patients. <i>Pharmacological Research</i> , 2016, 110, 216-226.   | 7.2  | 89        |
| 35 | Mechanistic Investigation of the Specific Anticancer Property of Artemisinin and Its Combination with Aminolevulinic Acid for Enhanced Anticancer Activity. <i>ACS Central Science</i> , 2017, 3, 743-750.                                    | 12.3 | 89        |
| 36 | Re-evaluation of how artemisinins work in light of emerging evidence of in vitro resistance. <i>Trends in Molecular Medicine</i> , 2006, 12, 200-205.   | 7.1  | 84        |

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|----|---|------|-----------|
| 37 | Standardized data collection for multi-center clinical studies of severe malaria in African children: establishing the SMAC network. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2006, 100, 615-622.      | 1.8  | 83        |
| 38 | Erythrocyte survival in severe falciparum malaria. Acta Tropica, 1991, 48, 263-270.   | 2.0  | 77        |
| 39 | Delayed Hemolysis After Treatment With Parenteral Artesunate in African Children With Severe Malaria—A Double-center Prospective Study. Journal of Infectious Diseases, 2014, 209, 1921-1928.                                     | 3.9  | 77        |
| 40 | A high-performance rocking-chair lithium-ion battery-supercapacitor hybrid device boosted by doubly matched capacity and kinetics of the faradaic electrodes. Energy and Environmental Science, 2021, 14, 2269-2277.              | 32.2 | 77        |
| 41 | Telomere-related sequences at interstitial sites in the human genome. Genomics, 1990, 8, 699-704.   | 2.9  | 72        |
| 42 | Life cycle studies of the hexose transporter of <i>Plasmodium</i> species and genetic validation of their essentiality. Molecular Microbiology, 2010, 75, 1402-1413.  | 2.5  | 72        |
| 43 | A Temporizing Solution to Artemisinin Resistance. New England Journal of Medicine, 2019, 380, 2087-2089.  | 30.1 | 71        |
| 44 | Intramuscular Bioavailability and Clinical Efficacy of Artesunate in Gabonese Children with Severe Malaria. Antimicrobial Agents and Chemotherapy, 2002, 46, 3933-3939.   | 3.4  | 69        |
| 45 | Mechanism of Antimalarial Action of the Synthetic Trioxolane RBX11160 (OZ277). Antimicrobial Agents and Chemotherapy, 2007, 51, 667-672.  | 3.4  | 68        |
| 46 | Dose-dependent T-cell Dynamics and Cytokine Cascade Following rVSV-ZEBOV Immunization. EBioMedicine, 2017, 19, 107-118.   | 6.0  | 66        |
| 47 | Determinants of antibody persistence across doses and continents after single-dose rVSV-ZEBOV vaccination for Ebola virus disease: an observational cohort study. Lancet Infectious Diseases, The, 2018, 18, 738-748.             | 8.9  | 66        |
| 48 | Artesunate-Clindamycin versus Quinine-Clindamycin in the Treatment of <i>Plasmodium falciparum</i> Malaria: A Randomized Controlled Trial. Clinical Infectious Diseases, 2005, 40, 1777-1784.                                     | 5.7  | 65        |
| 49 | Waking up to sleeping sickness. Trends in Parasitology, 2003, 19, 195-197.  | 3.3  | 63        |
| 50 | Antidogmatic approaches to artemisinin resistance: reappraisal as treatment failure with artemisinin combination therapy. Trends in Parasitology, 2013, 29, 313-317.  | 3.3  | 62        |
| 51 | Glucose and Lactate Kinetics in Children with Severe Malaria <sup>1</sup> . Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1569-1576.  | 3.6  | 61        |
| 52 | Multiple Splice Variants Encode a Novel Adenylyl Cyclase of Possible Plastid Origin Expressed in the Sexual Stage of the Malaria Parasite <i>Plasmodium falciparum</i> . Journal of Biological Chemistry, 2003, 278, 22014-22022. | 3.5  | 61        |
| 53 | Population Pharmacokinetics of Artesunate and Dihydroartemisinin following Intra-Rectal Dosing of Artesunate in Malaria Patients. PLoS Medicine, 2006, 3, e444.   | 8.4  | 61        |
| 54 | Evaluation of three rapid diagnostic tests for the detection of human infections with <i>Plasmodium knowlesi</i> . Malaria Journal, 2014, 13, 60.   | 2.2  | 61        |

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|----|--|-----|-----------|
| 55 | Assessment of Volume Depletion in Children with Malaria. PLoS Medicine, 2004, 1, e18.  | 8.4 | 59        |
| 56 | Purified E255L Mutant SERCA1a and Purified PfATP6 Are Sensitive to SERCA-type Inhibitors but Insensitive to Artemisinins. Journal of Biological Chemistry, 2010, 285, 26406-26416.                 | 3.5 | 59        |
| 57 | Mutations in the Plasmodium falciparum chloroquine resistance transporter, PfCRT, enlarge the parasite's food vacuole and alter drug sensitivities. Scientific Reports, 2015, 5, 14552.            | 3.4 | 59        |
| 58 | Safety and immunogenicity of rVSV-G-ZEBOV-GP Ebola vaccine in adults and children in Lambaré, Gabon: A phase I randomised trial. PLoS Medicine, 2017, 14, e1002402.                                | 8.4 | 58        |
| 59 | Metal ion transport and regulation in mycobacterium tuberculosis. Frontiers in Bioscience - Landmark, 2004, 9, 2996.   | 3.1 | 57        |
| 60 | Amplification of Plasmodium falciparum Multidrug Resistance Gene 1 in Isolates from Gabon. Journal of Infectious Diseases, 2005, 192, 1830-1835.   | 3.9 | 56        |
| 61 | Laboratory markers of disease severity in Plasmodium knowlesi infection: a case control study. Malaria Journal, 2012, 11, 363.   | 2.2 | 56        |
| 62 | Artemisinins and the biological basis for the PfATP6/SERCA hypothesis. Trends in Parasitology, 2010, 26, 517-523.  | 3.3 | 55        |
| 63 | Plasmodium knowlesi Genome Sequences from Clinical Isolates Reveal Extensive Genomic Dimorphism. PLoS ONE, 2015, 10, e0121303.   | 2.5 | 55        |
| 64 | Artemisinins as a novel anti-cancer therapy: Targeting a global cancer pandemic through drug repurposing. , 2020, 216, 107706.   |     | 54        |
| 65 | Prognostic Value of Circulating Pigmented Cells in African Children with Malaria. Journal of Infectious Diseases, 2009, 199, 142-150.  | 3.9 | 53        |
| 66 | Investigations into the Role of the Plasmodium falciparum SERCA (PfATP6) L263E Mutation in Artemisinin Action and Resistance. Antimicrobial Agents and Chemotherapy, 2010, 54, 3842-3852.          | 3.4 | 53        |
| 67 | New biomarkers for stage determination in Trypanosoma brucei rhodesiense sleeping sickness patients. Clinical and Translational Medicine, 2013, 2, 1.  | 4.2 | 53        |
| 68 | Acute respiratory distress syndrome in Plasmodium vivax malaria: case report and review of the literature. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2007, 101, 655-659. | 1.8 | 52        |
| 69 | Geschichte und Zukunft der Medizinischen Forschung am Albert Schweitzer Spital in Lambaré, Gabun. Wiener Klinische Wochenschrift, 2007, 119, 8-12.   | 2.1 | 52        |
| 70 | Proteomic analysis of the Plasmodium male gamete reveals the key role for glycolysis in flagellar motility. Malaria Journal, 2014, 13, 315.  | 2.2 | 52        |
| 71 | Likely Health Outcomes for Untreated Acute Febrile Illness in the Tropics in Decision and Economic Models; A Delphi Survey. PLoS ONE, 2011, 6, e17439.   | 2.5 | 51        |
| 72 | Glutathione Transport: A New Role for PfCRT in Chloroquine Resistance. Antioxidants and Redox Signaling, 2013, 19, 683-695.  | 5.5 | 50        |

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|----|--|------|-----------|
| 73 | Expression of thrombospondin-related anonymous protein in Plasmodium falciparum sporozoites. Lancet, The, 1992, 339, 1412-1413.  | 12.1 | 49        |
| 74 | Population Pharmacokinetics of Intramuscular Quinine in Children with Severe Malaria. Antimicrobial Agents and Chemotherapy, 2001, 45, 1803-1809.  | 3.4  | 49        |
| 75 | A Prospective Comparison of Malaria with Other Severe Diseases in African Children: Prognosis and Optimization of Management. Clinical Infectious Diseases, 2003, 37, 890-897.                                 | 5.7  | 49        |
| 76 | A vacuolar iron-transporter homologue acts as a detoxifier in Plasmodium. Nature Communications, 2016, 7, 10403.   | 13.2 | 49        |
| 77 | In vitro study of the anti-cancer effects of artemisone alone or in combination with other chemotherapeutic agents. Cancer Chemotherapy and Pharmacology, 2011, 67, 569-577.                                   | 2.4  | 48        |
| 78 | Repurposing Antimalarials to Tackle the COVID-19 Pandemic. Trends in Parasitology, 2021, 37, 8-11.   | 3.3  | 48        |
| 79 | Detection of arsenical drug resistance in Trypanosoma brucei with a simple fluorescence test. Lancet, The, 2005, 366, 486-487.   | 12.1 | 47        |
| 80 | The Molecular Basis of Folate Salvage in Plasmodium falciparum. Journal of Biological Chemistry, 2011, 286, 44659-44668.   | 3.5  | 46        |
| 81 | Cytoadherence and virulence - the case of Plasmodium knowlesi malaria. Malaria Journal, 2012, 11, 33.  | 2.2  | 46        |
| 82 | Disease Progression in Plasmodium knowlesi Malaria Is Linked to Variation in Invasion Gene Family Members. PLoS Neglected Tropical Diseases, 2014, 8, e3086.   | 2.4  | 46        |
| 83 | Hepatotoxicity by combination treatment of temozolomide, artesunate and Chinese herbs in a glioblastoma multiforme patient: case report review of the literature. Archives of Toxicology, 2017, 91, 1833-1846. | 4.3  | 46        |
| 84 | The Prognostic Value of Measures of Acid/Base Balance in Pediatric Falciparum Malaria, Compared with Other Clinical and Laboratory Parameters. Clinical Infectious Diseases, 2005, 41, 948-957.                | 5.7  | 45        |
| 85 | Anti-Inflammatory Cytokines Predominate in Acute Human Plasmodium knowlesi Infections. PLoS ONE, 2011, 6, e20541.  | 2.5  | 45        |
| 86 | Intramuscular Artesunate for Severe Malaria in African Children: A Multicenter Randomized Controlled Trial. PLoS Medicine, 2016, 13, e1001938.   | 8.4  | 45        |
| 87 | Susceptibility of human Plasmodium knowlesi infections to anti-malarials. Malaria Journal, 2013, 12, 425.  | 2.2  | 44        |
| 88 | Intrahost Selection of Plasmodium falciparum pfmdr1 Alleles after Antimalarial Treatment on the Northwestern Border of Thailand. Journal of Infectious Diseases, 2007, 195, 134-141.                           | 3.9  | 42        |
| 89 | Plasmodial sugar transporters as anti-malarial drug targets and comparisons with other protozoa. Malaria Journal, 2011, 10, 165.   | 2.2  | 42        |
| 90 | Are adaptive randomised trials or non-randomised studies the best way to address the Ebola outbreak in west Africa?. Lancet Infectious Diseases, The, 2015, 15, 738-745.                                       | 8.9  | 42        |

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|-----|--|-----|-----------|
| 91  | Cerebrospinal Fluid Neopterin as Marker of the Meningo-Encephalitic Stage of <i>Trypanosoma brucei</i> gambiense Sleeping Sickness. <i>PLoS ONE</i> , 2012, 7, e40909.   | 2.5 | 41        |
| 92  | Pumped up: reflections on PfATP6 as the target for artemisinins. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 4-11.   | 8.6 | 41        |
| 93  | Use of a Selective Inhibitor To Define the Chemotherapeutic Potential of the Plasmodial Hexose Transporter in Different Stages of the Parasite's Life Cycle. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2824-2830.                             | 3.4 | 40        |
| 94  | Clinical implications of Plasmodium resistance to atovaquone/proguanil: a systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 581-595.   | 3.2 | 39        |
| 95  | A Simplified Intravenous Artesunate Regimen for Severe Malaria. <i>Journal of Infectious Diseases</i> , 2012, 205, 312-319.  | 3.9 | 38        |
| 96  | The effect of dosing strategies on the therapeutic efficacy of artesunate-amodiaquine for uncomplicated malaria: a meta-analysis of individual patient data. <i>BMC Medicine</i> , 2015, 13, 66.   | 5.7 | 38        |
| 97  | Comparative characterization of hexose transporters of <i>Plasmodium knowlesi</i> , <i>Plasmodium yoelii</i> and <i>Toxoplasma gondii</i> highlights functional differences within the apicomplexan family. <i>Biochemical Journal</i> , 2002, 368, 923-929. | 3.8 | 37        |
| 98  | Retaking sleeping sickness control in Angola. <i>Tropical Medicine and International Health</i> , 2004, 9, 141-148.  | 2.0 | 37        |
| 99  | IgG Seroconversion and Pathophysiology in Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Emerging Infectious Diseases</i> , 2021, 27, 85-91.  | 4.4 | 37        |
| 100 | The <i>Plasmodium berghei</i> Ca <sup>2+</sup> /H <sup>+</sup> Exchanger, PbCAX, Is Essential for Tolerance to Environmental Ca <sup>2+</sup> during Sexual Development. <i>PLoS Pathogens</i> , 2013, 9, e1003191.  | 4.1 | 36        |
| 101 | Delayed haemolysis after artesunate treatment of severe malaria – Review of the literature and perspective. <i>Travel Medicine and Infectious Disease</i> , 2015, 13, 143-149.   | 3.2 | 36        |
| 102 | Short-Course Artesunate Treatment of Uncomplicated <i>Plasmodium falciparum</i> Malaria in Gabon. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 901-904.  | 3.4 | 35        |
| 103 | Plasma nitrogen oxides and blood lactate concentrations in Ghanaian children with malaria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1997, 91, 298-302.  | 1.8 | 34        |
| 104 | The Nrap orthologue of <i>Cryptococcus neoformans</i> is a pH-dependent transporter of manganese, iron, cobalt and nickel. <i>Biochemical Journal</i> , 2005, 385, 225-232.  | 3.8 | 34        |
| 105 | Proteomic fingerprinting for the diagnosis of human African trypanosomiasis. <i>Trends in Parasitology</i> , 2005, 21, 154-157.  | 3.3 | 33        |
| 106 | Case reports: pernicious complications of benign tertian malaria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2003, 97, 551-553.   | 1.8 | 32        |
| 107 | Assessment of pfm <sub>dr</sub> 1 gene copy number by tandem competitive polymerase chain reaction. <i>Molecular and Biochemical Parasitology</i> , 1997, 85, 161-169.   | 1.1 | 31        |
| 108 | Expression of substrate-specific transporters encoded by <i>Plasmodium falciparum</i> in <i>Xenopus laevis</i> oocytes. <i>Molecular and Biochemical Parasitology</i> , 1998, 93, 81-89.   | 1.1 | 30        |

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|-----|--|-----|-----------|
| 109 | Artemether resistance in vitro is linked to mutations in PfATP6 that also interact with mutations in PfMDR1 in travellers returning with Plasmodium falciparum infections. <i>Malaria Journal</i> , 2012, 11, 131. | 2.2 | 30        |
| 110 | Detectable Vesicular Stomatitis Virus (VSV)â€™Specific Humoral and Cellular Immune Responses Following VSVâ€™Ebola Virus Vaccination in Humans. <i>Journal of Infectious Diseases</i> , 2019, 219, 556-561.        | 3.9 | 30        |
| 111 | Exploiting the therapeutic potential of Plasmodium falciparum solute transporters. <i>Trends in Parasitology</i> , 2010, 26, 284-296.  | 3.3 | 29        |
| 112 | The relevance of malaria pathophysiology to strategies of clinical management. <i>Current Opinion in Infectious Diseases</i> , 2005, 18, 369-375.  | 3.1 | 27        |
| 113 | Delayed parasite elimination in human infections treated with clindamycin parallels â€™delayed deathâ€™™ of Plasmodium falciparum in vitro. <i>International Journal for Parasitology</i> , 2007, 37, 777-785.     | 3.2 | 27        |
| 114 | Prognostic indicators in adults hospitalized with falciparum malaria in Western Thailand. <i>Malaria Journal</i> , 2013, 12, 229.  | 2.2 | 27        |
| 115 | The wisdom of crowds and the repurposing of artesunate as an anticancer drug. <i>Ecanermedicalscience</i> , 2015, 9, ed50.   | 1.1 | 27        |
| 116 | Rainbow trout glucose transporter (OnmyGLUT1): functional assessment in <i>Xenopus laevis</i> oocytes and expression in fish embryos. <i>Journal of Experimental Biology</i> , 2001, 204, 2667-2673.               | 1.7 | 27        |
| 117 | Comparison of effects of green tea catechins on apicomplexan hexose transporters and mammalian orthologues. <i>Molecular and Biochemical Parasitology</i> , 2009, 168, 113-116.                                    | 1.1 | 26        |
| 118 | Molecular assays for antimalarial drug resistance surveillance: A target product profile. <i>PLoS ONE</i> , 2018, 13, e0204347.  | 2.5 | 26        |
| 119 | Plasmodium berghei: Lactic acidosis and hypoglycaemia in a rodent model of severe malaria; effects of glucose, quinine, and dichloroacetate. <i>Experimental Parasitology</i> , 1991, 72, 123-133.                 | 1.2 | 25        |
| 120 | Neopterin Is a Cerebrospinal Fluid Marker for Treatment Outcome Evaluation in Patients Affected by Trypanosoma brucei gambiense Sleeping Sickness. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2088.       | 2.4 | 25        |
| 121 | Expression in Yeast Links Field Polymorphisms in PfATP6 to in Vitro Artemisinin Resistance and Identifies New Inhibitor Classes. <i>Journal of Infectious Diseases</i> , 2013, 208, 468-478.                       | 3.9 | 25        |
| 122 | Prevalence of neutralising antibodies against SARS-CoV-2 in acute infection and convalescence: A systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009551.                | 2.4 | 25        |
| 123 | Evidence for Regulation of Hemoglobin Metabolism and Intracellular Ionic Flux by the Plasmodium falciparum Chloroquine Resistance Transporter. <i>Scientific Reports</i> , 2018, 8, 13578.                         | 3.4 | 24        |
| 124 | Antimalarial Activity of a Synthetic Endoperoxide (RBx-11160/OZ277) against Plasmodium falciparum Isolates from Gabon. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1535-1537.                         | 3.4 | 23        |
| 125 | Transport proteins of Plasmodium falciparum: defining the limits of metabolism. <i>International Journal for Parasitology</i> , 2001, 31, 1331-1342.   | 3.2 | 22        |
| 126 | Molecular markers of anti-malarial drug resistance in Central, West and East African children with severe malaria. <i>Malaria Journal</i> , 2017, 16, 217.   | 2.2 | 22        |



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|-----|---|-----|-----------|
| 127 | Polymerase chain reaction for the detection of Burkholderia pseudomallei. Diagnostic Microbiology and Infectious Disease, 1997, 29, 121-127.  | 1.8 | 21        |
| 128 | The hexose transporter of Plasmodium falciparum is a worthy drug target. Acta Tropica, 2004, 89, 371-374.   | 2.0 | 21        |
| 129 | New antimalarial targets: The example of glucose transport. Travel Medicine and Infectious Disease, 2008, 6, 58-66.   | 3.2 | 21        |
| 130 | Cation metabolism in malaria-infected red cells. Experimental Parasitology, 1989, 69, 402-406.  | 1.2 | 20        |
| 131 | Proteomic approaches in the search for biomarkers of liver fibrosis. Trends in Molecular Medicine, 2010, 16, 171-183.   | 7.1 | 20        |
| 132 | Methylene Homologues of Artemisone: An Unexpected Structure-Activity Relationship and a Possible Implication for the Design of C10-Substituted Artemisinins. ChemMedChem, 2016, 11, 1469-1479.                        | 3.4 | 20        |
| 133 | Analysis of Plasmodium vivax hexose transporters and effects of a parasitocidal inhibitor. Biochemical Journal, 2004, 381, 905-909.   | 3.8 | 19        |
| 134 | The pituitary-thyroid axis in severe falciparum malaria: evidence for depressed thyrotroph and thyroid gland function. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1990, 84, 330-335.         | 1.8 | 18        |
| 135 | Triple artemisinin-containing combination anti-malarial treatments should be implemented now to delay the emergence of resistance: the case against. Malaria Journal, 2019, 18, 339.                                  | 2.2 | 18        |
| 136 | Interaction of O-(undec-10-en)-yl-d-glucose derivatives with the Plasmodium falciparum hexose transporter (PfHT). Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4934-4937.                                    | 2.3 | 17        |
| 137 | Effect of Artemisinins and Amino Alcohol Partner Antimalarials on Mammalian Sarcoendoplasmic Reticulum Calcium Adenosine Triphosphatase Activity. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 209-213. | 2.5 | 17        |
| 138 | Severe malaria in children leads to a significant impairment of transitory otoacoustic emissions - a prospective multicenter cohort study. BMC Medicine, 2015, 13, 125.   | 5.7 | 16        |
| 139 | Nitric oxide generation in children with malaria and the NOS2G-954C promoter polymorphism. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R1248-R1253.                | 1.9 | 15        |
| 140 | Longitudinal Monitoring of Lactate in Hospitalized and Ambulatory COVID-19 Patients. American Journal of Tropical Medicine and Hygiene, 2021, , .   | 3.5 | 15        |
| 141 | The current landscape of nucleic acid tests for filovirus detection. Journal of Clinical Virology, 2018, 103, 27-36.  | 3.4 | 14        |
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