# Stephen A Ward

List of Publications by Year
in descending order

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Version: 2024-02-01

| 308 | 15,251 | 14655 66 | 32842 100 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 332 | 332 | 332 | 11544 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Remdesivirâ€“ivermectin combination displays synergistic interaction with improved in vitro activity against SARS-CoV-2. International Journal of Antimicrobial Agents, 2022, 59, 106542. | 2.5 | 7 |
| 2 | Haematological consequences of acute uncomplicated falciparum malaria: a WorldWide Antimalarial Resistance Network pooled analysis of individual patient data. BMC Medicine, 2022, 20, 85. | 5.5 | 9 |
| 3 | Wolbachia depletion blocks transmission of lymphatic filariasis by preventing chitinase-dependent parasite exsheathment. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120003119. | 7.1 | 7 |
| 4 | Dose prediction for repurposing nitazoxanide in SARSâ€CoVâ€2 treatment or chemoprophylaxis. British Journal of Clinical Pharmacology, 2021, 87, 2078-2088. | 2.4 | 46 |
| 5 | Therapeutic Potential of Nitazoxanide: An Appropriate Choice for Repurposing versus SARS-CoV-2?. ACS Infectious Diseases, 2021, 7, 1317-1331. | 3.8 | 37 |
| 6 | Enantioselective Synthesis and Profiling of Potent, Nonlinear Analogues of Antimalarial Tetraoxanes E209 and N205. ACS Medicinal Chemistry Letters, 2021, 12, 1077-1085. | 2.8 | 5 |
| 7 | Anti-Wolbachia drugs for filariasis. Trends in Parasitology, 2021, 37, 1068-1081. | 3.3 | 27 |
| 8 | Development of Pyrazolopyrimidine Anti-Wolbachia Agents for the Treatment of Filariasis. ACS Medicinal Chemistry Letters, 2021, 12, 1421-1426. | 2.8 | 5 |
| 9 | Co-transmission of Related Malaria Parasite Lineages Shapes Within-Host Parasite Diversity. Cell Host and Microbe, 2020, 27, 93-103.e4. | 11.0 | 67 |
| 10 | Longitudinal Pharmacokinetic-Pharmacodynamic Biomarkers Correlate With Treatment Outcome in Drug-Sensitive Pulmonary Tuberculosis: A Population Pharmacokinetic-Pharmacodynamic Analysis. Open Forum Infectious Diseases, 2020, 7, ofaa218. | 0.9 | 11 |
| 11 | M1 macrophage features in severe Plasmodium falciparum malaria patients with pulmonary oedema. Malaria Journal, 2020, 19, 182. | 2.3 | 9 |
| 12 | Prioritization of Antiâ€SARSâ€Covâ€2 Drug Repurposing Opportunities Based on Plasma and Target Site Concentrations Derived from their Established Human Pharmacokinetics. Clinical Pharmacology and Therapeutics, 2020, 108, 775-790. | 4.7 | 118 |
| 13 | A novel fluorescent probe for the detection of AmpC beta-lactamase and the application in screening beta-lactamase inhibitors. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 234, 118257. | 3.9 | 0 |
| 14 | Novel anti-Wolbachia drugs, a new approach in the treatment and prevention of veterinary filariasis?. Veterinary Parasitology, 2020, 279, 109057. | 1.8 | 14 |
| 15 | In vivo efficacy of the boron-pleuromutilin AN11251 against Wolbachia of the rodent filarial nematode Litomosoides sigmodontis. PLoS Neglected Tropical Diseases, 2020, 14, e0007957. | 3.0 | 10 |
| 16 | Pharmacokinetics of TKM-130803Âin Sierra Leonean patients withÂEbola virus disease: Âplasma concentrations exceed target levels, withÂdrugÂaccumulation in the most severe patients. EBioMedicine, 2020, 52, 102601. | 6.1 | 7 |
| 17 | Pharmacokinetics of TKM-130803 in Ebola virus disease in Sierra Leonean subjects. Access Microbiology, 2020, 2, . | 0.5 | 0 |
| 18 | Pharmacokineticsâ€Pharmacodynamics of Highâ€Dose Ivermectin with Dihydroartemisininâ€Piperaquine on Mosquitocidal Activity and <scp>QT</scp>â€Prolongation (<scp>IVERMAL</scp>). Clinical Pharmacology and Therapeutics, 2019, 105, 388-401. | 4.7 | 28 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | In vivo kinetics of Wolbachia depletion by ABBV-4083 in L. sigmodontis adult worms and microfilariae. PLoS Neglected Tropical Diseases, 2019, 13, e0007636. | 3.0 | 27 |
| 20 | Antimalarial activity of primaquine operates via a two-step biochemical relay. Nature Communications, 2019, 10, 3226. | 12.8 | 94 |
| 21 | Intra-individual effects of food upon the pharmacokinetics of rifampicin and isoniazid. Journal of Antimicrobial Chemotherapy, 2019, 74, 416-424. | 3.0 | 4 |
| 22 | Intracellular PD Modelling (PDi) for the Prediction of Clinical Activity of Increased Rifampicin Dosing. Pharmaceutics, 2019, 11, 278. | 4.5 | 4 |
| 23 | Discovery of ABBV-4083, a novel analog of Tylosin A that has potent anti-Wolbachia and anti-filarial activity. PLoS Neglected Tropical Diseases, 2019, 13, e0007159. | 3.0 | 29 |
| 24 | Preclinical development of an oral anti- Wolbachia macrolide drug for the treatment of lymphatic filariasis and onchocerciasis. Science Translational Medicine, 2019, 11, . | 12.4 | 67 |
| 25 | Short-course, oral flubendazole does not mediate significant efficacy against Onchocerca adult male worms or Brugia microfilariae in murine infection models. PLoS Neglected Tropical Diseases, 2019, 13, e0006356. | 3.0 | 16 |
| 26 | Development of a High-Throughput Cytometric Screen to Identify Anti-Wolbachia Compounds: The Power of Publicâ€“Private Partnership. SLAS Discovery, 2019, 24, 537-547. | 2.7 | 11 |
| 27 | Boron-Pleuromutilins as Anti-Wolbachia Agents with Potential for Treatment of Onchocerciasis and Lymphatic Filariasis. Journal of Medicinal Chemistry, 2019, 62, 2521-2540. | 6.4 | 35 |
| 28 | Intracellular Pharmacodynamic Modeling Is Predictive of the Clinical Activity of Fluoroquinolones against Tuberculosis. Antimicrobial Agents and Chemotherapy, 2019, 64, . | 3.2 | 3 |
| 29 | Industrial scale high-throughput screening delivers multiple fast acting macrofilaricides. Nature Communications, 2019, 10, 11. | 12.8 | 93 |
| 30 | Human Direct Skin Feeding Versus Membrane Feeding to Assess the Mosquitocidal Efficacy of High-Dose Ivermectin (IVERMAL Trial). Clinical Infectious Diseases, 2019, 69, 1112-1119. | 5.8 | 15 |
| 31 | AWZ1066S, a highly specific anti- Wolbachia drug candidate for a short-course treatment of filariasis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1414-1419. | 7.1 | 57 |
| 32 | Population pharmacokinetics of artesunate and dihydroartemisinin in pregnant and non-pregnant women with uncomplicated Plasmodium falciparum malaria in Burkina Faso: an open label trial. Wellcome Open Research, 2019, 4, 45. | 1.8 | 1 |
| 33 | Population Pharmacokinetic Properties of Sulfadoxine and Pyrimethamine: a Pooled Analysis To Inform Optimal Dosing in African Children with Uncomplicated Malaria. Antimicrobial Agents and Chemotherapy, 2018, 62, . | 3.2 | 18 |
| 34 | Safety and mosquitocidal efficacy of high-dose ivermectin when co-administered with dihydroartemisinin-piperaquine in Kenyan adults with uncomplicated malaria (IVERMAL): a randomised, double-blind, placebo-controlled trial. Lancet Infectious Diseases, The, 2018, 18, 615-626. | 9.1 | 99 |
| 35 | Suboptimal Exposure to Antiâ€TB Drugs in a TBM/HIV+ Population Is Not Related to Antiretroviral Therapy. Clinical Pharmacology and Therapeutics, 2018, 103, 449-457. | 4.7 | 13 |
| 36 | The biological evaluation of fusidic acid and its hydrogenation derivative as antimicrobial and anti-inflammatory agents. Infection and Drug Resistance, 2018, Volume 11, 1945-1957. | 2.7 | 26 |

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|---|---|---|---|
| 37 | Potent Antimalarial 2-Pyrazolyl Quinolone bc<sub>1</sub> (Q<sub>i</sub>) Inhibitors with Improved Drug-like Properties. ACS Medicinal Chemistry Letters, 2018, 9, 1205-1210. | 2.8 | 28 |
| 38 | Intra-host dynamics of co-infecting parasite genotypes in asymptomatic malaria patients. Infection, Genetics and Evolution, 2018, 65, 414-424. | 2.3 | 18 |
| 39 | Synthesis and profiling of benzylmorpholine 1,2,4,5-tetraoxane analogue N205: Towards tetraoxane scaffolds with potential for single dose cure of malaria. Bioorganic and Medicinal Chemistry, 2018, 26, 2996-3005. | 3.0 | 11 |
| 40 | Exploring pancreatic pathology in Plasmodium falciparum malaria patients. Scientific Reports, 2018, 8, 10456. | 3.3 | 7 |
| 41 | Short-Course, High-Dose Rifampicin Achieves Wolbachia Depletion Predictive of Curative Outcomes in Preclinical Models of Lymphatic Filariasis and Onchocerciasis. Scientific Reports, 2017, 7, 210. | 3.3 | 65 |
| 42 | A tetraoxane-based antimalarial drug candidate that overcomes PfK13-C580Y dependent artemisinin resistance. Nature Communications, 2017, 8, 15159. | 12.8 | 51 |
| 43 | Genetic Determinants of the Pharmacokinetic Variability of Rifampin in Malawian Adults with Pulmonary Tuberculosis. Antimicrobial Agents and Chemotherapy, 2017, 61, . | 3.2 | 28 |
| 44 | Pharmacokinetic-Pharmacodynamic modelling of intracellular Mycobacterium tuberculosis growth and kill rates is predictive of clinical treatment duration. Scientific Reports, 2017, 7, 502. | 3.3 | 30 |
| 45 | Rational Design, Synthesis, and Biological Evaluation of Heterocyclic Quinolones Targeting the Respiratory Chain of Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2017, 60, 3703-3726. | 6.4 | 39 |
| 46 | Influence of the pfmdr1 Gene on In Vitro Sensitivities of Piperaquine in Thai Isolates of Plasmodium falciparum. American Journal of Tropical Medicine and Hygiene, 2017, 96, 16-0668. | 1.4 | 5 |
| 47 | Identification and prioritization of novel anti- Wolbachia chemotypes from screening a 10,000-compound diversity library. Science Advances, 2017, 3, eaao1551. | 10.3 | 24 |
| 48 | Albendazole and antibiotics synergize to deliver short-course anti- Wolbachia curative treatments in preclinical models of filariasis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9712-E9721. | 7.1 | 47 |
| 49 | Synthesis and structureâ€“activity relationship of N<sup>4</sup>-benzylamine-N<sup>2</sup>-isopropyl-quinazoline-2,4-diamines derivatives as potential antibacterial agents. RSC Advances, 2017, 7, 52227-52237. | 3.6 | 12 |
| 50 | Mechanisms of Antimalarial Drug Resistance. , 2017, , 629-647. | | 2 |
| 51 | OptiMal-PK: an internet-based, user-friendly interface for the mathematical-based design of optimized anti-malarial treatment regimens. Malaria Journal, 2016, 15, 344. | 2.3 | 1 |
| 52 | A simultaneous population pharmacokinetic analysis of rifampicin in Malawian adults and children. British Journal of Clinical Pharmacology, 2016, 81, 679-687. | 2.4 | 20 |
| 53 | A Click Chemistryâ€Based Proteomic Approach Reveals that 1,2,4â€Trioxolane and Artemisinin Antimalarials Share a Common Protein Alkylation Profile. Angewandte Chemie - International Edition, 2016, 55, 6401-6405. | 13.8 | 76 |
| 54 | A Click Chemistryâ€Based Proteomic Approach Reveals that 1,2,4â€Trioxolane and Artemisinin Antimalarials Share a Common Protein Alkylation Profile. Angewandte Chemie, 2016, 128, 6511-6515. | 2.0 | 19 |

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|---|---|---|---|
| 55 | Gametocyte carriage in uncomplicated Plasmodium falciparum malaria following treatment with artemisinin combination therapy: a systematic review and meta-analysis of individual patient data. BMC Medicine, 2016, 14, 79. | 5.5 | 104 |
| 56 | Optimisation of the synthesis of second generation 1,2,4,5 tetraoxane antimalarials. Tetrahedron, 2016, 72, 6118-6126. | 1.9 | 14 |
| 57 | A simple breath test for tuberculosis using ion mobility: A pilot study. Tuberculosis, 2016, 99, 143-146. | 1.9 | 30 |
| 58 | Minocycline as a re-purposed anti-Wolbachia macrofilaricide: superiority compared with doxycycline regimens in a murine infection model of human lymphatic filariasis. Scientific Reports, 2016, 6, 23458. | 3.3 | 35 |
| 59 | Lymphocyte Perturbations in Malawian Children with Severe and Uncomplicated Malaria. Vaccine Journal, 2016, 23, 95-103. | 3.1 | 23 |
| 60 | Artemisinin activity-based probes identify multiple molecular targets within the asexual stage of the malaria parasites Plasmodium falciparum 3D7. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2080-2085. | 7.1 | 209 |
| 61 | Efficacy and Safety of High-Dose Ivermectin for Reducing Malaria Transmission (IVERMAL): Protocol for a Double-Blind, Randomized, Placebo-Controlled, Dose-Finding Trial in Western Kenya. JMIR Research Protocols, 2016, 5, e213. | 1.0 | 30 |
| 62 | Baseline data of parasite clearance in patients with falciparum malaria treated with an artemisinin derivative: an individual patient data meta-analysis. Malaria Journal, 2015, 14, 359. | 2.3 | 47 |
| 63 | Clinical determinants of early parasitological response to ACTs in African patients with uncomplicated falciparum malaria: a literature review and meta-analysis of individual patient data. BMC Medicine, 2015, 13, 212. | 5.5 | 61 |
| 64 | A Quinoline Carboxamide Antimalarial Drug Candidate Uniquely Targets Plasmodia at Three Stages of the Parasite Life Cycle. Angewandte Chemie - International Edition, 2015, 54, 13504-13506. | 13.8 | 12 |
| 65 | 2-Pyridylquinolone antimalarials with improved antimalarial activity and physicochemical properties. MedChemComm, 2015, 6, 1252-1259. | 3.4 | 14 |
| 66 | The effect of dose on the antimalarial efficacy of artemetherâ€“lumefantrine: a systematic review and pooled analysis of individual patient data. Lancet Infectious Diseases, The, 2015, 15, 692-702. | 9.1 | 74 |
| 67 | Reflections on the Nobel Prize for Medicine 2015 â€“ The Public Health Legacy and Impact of Avermectin and Artemisinin. Trends in Parasitology, 2015, 31, 605-607. | 3.3 | 35 |
| 68 | Antimalarial 4(1H)-pyridones bind to the Q <sub>i</sub> site of cytochrome bc <sub>1</sub>. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 755-760. | 7.1 | 90 |
| 69 | Carbamoyl Triazoles, Known Serine Protease Inhibitors, Are a Potent New Class of Antimalarials. Journal of Medicinal Chemistry, 2015, 58, 6448-6455. | 6.4 | 17 |
| 70 | Pharmacokinetics of Antituberculosis Drugs in HIV-Positive and HIV-Negative Adults in Malawi. Antimicrobial Agents and Chemotherapy, 2015, 59, 6175-6180. | 3.2 | 34 |
| 71 | The Nobel Prize in Medicine 2015: Two drugs that changed global health. Science Translational Medicine, 2015, 7, 316ed14. | 12.4 | 7 |
| 72 | Development and Validation of a High-Throughput Anti-Wolbachia Whole-Cell Screen: A Route to Macrofilaricidal Drugs against Onchocerciasis and Lymphatic Filariasis. Journal of Biomolecular Screening, 2015, 20, 64-69. | 2.6 | 43 |

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|---|---|---|---|
| 73 | Proteomics analysis of antimalarial targets of Garcinia mangostana Linn.. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, 515-519. | 1.2 | 2 |
| 74 | The proliferating cell hypothesis: a metabolic framework for Plasmodium growth and development. Trends in Parasitology, 2014, 30, 170-175. | 3.3 | 51 |
| 75 | Pharmacokinetics of co-formulated mefloquine and artesunate in pregnant and non-pregnant women with uncomplicated Plasmodium falciparum infection in Burkina Faso. Journal of Antimicrobial Chemotherapy, 2014, 69, 2499-2507. | 3.0 | 31 |
| 76 | Metabolite footprinting of Plasmodium falciparum following exposure to Garcinia mangostana Linn. crude extract. Experimental Parasitology, 2014, 145, 80-86. | 1.2 | 14 |
| 77 | Effects of Dosage, Comorbidities, and Food on Isoniazid Pharmacokinetics in Peruvian Tuberculosis Patients. Antimicrobial Agents and Chemotherapy, 2014, 58, 7164-7170. | 3.2 | 23 |
| 78 | Rapid kill of malaria parasites by artemisinin and semi-synthetic endoperoxides involves ROS-dependent depolarization of the membrane potential. Journal of Antimicrobial Chemotherapy, 2014, 69, 1005-1016. | 3.0 | 116 |
| 79 | Reprint of â€œPharmacokinetic modelling of the anti-malarial drug artesunate and its active metabolite dihydroartemisininâ€. Computer Methods and Programs in Biomedicine, 2014, 114, e14-e28. | 4.7 | 1 |
| 80 | Anti-Wolbachia drug discovery and development: safe macrofilaricides for onchocerciasis and lymphatic filariasis. Parasitology, 2014, 141, 119-127. | 1.5 | 130 |
| 81 | Diagnostics for schistosomiasis in Africa and Arabia: a review of present options in control and future needs for elimination. Parasitology, 2014, 141, 1947-1961. | 1.5 | 63 |
| 82 | Inhibitors of the Plasmodium Mitochondrial Respiratory Chain. , 2014, , 1-18. | | 1 |
| 83 | Mitochondrial Electron Transport Chain of Plasmodium falciparum. , 2014, , 1-14. | | 0 |
| 84 | An Endoperoxideâ€Based Hybrid Approach to Deliver Falcipain Inhibitors Inside Malaria Parasites. ChemMedChem, 2013, 8, 1528-1536. | 3.2 | 32 |
| 85 | Glutathione Transport: A New Role for PfCRT in Chloroquine Resistance. Antioxidants and Redox Signaling, 2013, 19, 683-695. | 5.4 | 50 |
| 86 | Synthesis and evaluation of the antimalarial, anticancer, and caspase 3 activities of tetraoxane dimers. Bioorganic and Medicinal Chemistry, 2013, 21, 7392-7397. | 3.0 | 19 |
| 87 | CRIMALDDI: platform technologies and novel anti-malarial drug targets. Malaria Journal, 2013, 12, 396. | 2.3 | 15 |
| 88 | Antimalarial pharmacology and therapeutics of atovaquone. Journal of Antimicrobial Chemotherapy, 2013, 68, 977-985. | 3.0 | 147 |
| 89 | Pharmacokinetic modelling of the anti-malarial drug artesunate and its active metabolite dihydroartemisinin. Computer Methods and Programs in Biomedicine, 2013, 112, 1-15. | 4.7 | 4 |
| 90 | The folate metabolic network of Falciparum malaria. Molecular and Biochemical Parasitology, 2013, 188, 51-62. | 1.1 | 40 |

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| 91 | Artemisininâ€“Polypyrrole Conjugates: Synthesis, DNA Binding Studies and Preliminary Antiproliferative Evaluation. ChemMedChem, 2013, 8, 709-718. | 3.2 | 7 |
| 92 | Antimalarial activity of isoquine against Kenyan Plasmodium falciparum clinical isolates and association with polymorphisms in pfcrt and pfmdr1 genes. Journal of Antimicrobial Chemotherapy, 2013, 68, 786-788. | 3.0 | 6 |
| 93 | Plasma and Cerebrospinal Proteomes From Children With Cerebral Malaria Differ From Those of Children With Other Encephalopathies. Journal of Infectious Diseases, 2013, 208, 1494-1503. | 4.0 | 22 |
| 94 | Antitubercular pharmacodynamics of phenothiazines. Journal of Antimicrobial Chemotherapy, 2013, 68, 869-880. | 3.0 | 48 |
| 95 | Targeting the mitochondrial electron transport chain of Plasmodium falciparum: new strategies towards the development of improved antimalarials for the elimination era. Future Medicinal Chemistry, 2013, 5, 1573-1591. | 2.3 | 55 |
| 96 | CRIMALDDI: a prioritized research agenda to expedite the discovery of new anti-malarial drugs. Malaria Journal, 2013, 12, 395. | 2.3 | 2 |
| 97 | Cytochrome b Mutation Y268S Conferring Atovaquone Resistance Phenotype in Malaria Parasite Results in Reduced Parasite bc1 Catalytic Turnover and Protein Expression. Journal of Biological Chemistry, 2012, 287, 9731-9741. | 3.4 | 77 |
| 98 | Pharmacokinetics of Rifampin in Peruvian Tuberculosis Patients with and without Comorbid Diabetes or HIV. Antimicrobial Agents and Chemotherapy, 2012, 56, 2357-2363. | 3.2 | 43 |
| 99 | HDQ, a Potent Inhibitor of Plasmodium falciparum Proliferation, Binds to the Quinone Reduction Site of the Cytochrome bc 1 Complex. Antimicrobial Agents and Chemotherapy, 2012, 56, 3739-3747. | 3.2 | 53 |
| 100 | Death Is Associated with Complement C3 Depletion in Cerebrospinal Fluid of Patients with Pneumococcal Meningitis. MBio, 2012, 3, . | 4.1 | 14 |
| 101 | Pharmacokinetic modelling of the anti-malarial drug artesunate and its active metabolite dihydroartemisinin. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 266-271. | 0.4 | 0 |
| 102 | The development of quinoloneesters as novel antimalarial agents targeting the Plasmodium falciparum bc1protein complex. MedChemComm, 2012, 3, 39-44. | 3.4 | 34 |
| 103 | Quantification of rifampicin in human plasma and cerebrospinal fluid by a highly sensitive and rapid liquid chromatographicâ€“tandem mass spectrometric method. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 523-528. | 2.8 | 40 |
| 104 | Identification, Design and Biological Evaluation of Bisaryl Quinolones Targeting Plasmodium falciparum Type II NADH:Quinone Oxidoreductase (PfNDH2). Journal of Medicinal Chemistry, 2012, 55, 1831-1843. | 6.4 | 94 |
| 105 | Identification, Design and Biological Evaluation of Heterocyclic Quinolones Targeting Plasmodium falciparum Type II NADH:Quinone Oxidoreductase (PfNDH2). Journal of Medicinal Chemistry, 2012, 55, 1844-1857. | 6.4 | 51 |
| 106 | Identification of Novel Antimalarial Chemotypes via Chemoinformatic Compound Selection Methods for a High-Throughput Screening Program against the Novel Malarial Target, PfNDH2: Increasing Hit Rate via Virtual Screening Methods. Journal of Medicinal Chemistry, 2012, 55, 3144-3154. | 6.4 | 23 |
| 107 | A yeast expression system for functional and pharmacological studies of the malaria parasite Ca2+/H+ antiporter. Malaria Journal, 2012, 11, 254. | 2.3 | 7 |
| 108 | Examination of the Cytotoxic and Embryotoxic Potential and Underlying Mechanisms of Next-Generation Synthetic Trioxolane and Tetraoxane Antimalarials. Molecular Medicine, 2012, 18, 1045-1055. | 4.4 | 12 |

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|---|---|---|---|
| 109 | Generation of quinolone antimalarials targeting the Plasmodium falciparum mitochondrial respiratory chain for the treatment and prophylaxis of malaria. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8298-8303. | 7.1 | 143 |
| 110 | Comparison of the Reactivity of Antimalarial 1,2,4,5-Tetraoxanes with 1,2,4-Trioxolanes in the Presence of Ferrous Iron Salts, Heme, and Ferrous Iron Salts/Phosphatidylcholine. Journal of Medicinal Chemistry, 2011, 54, 6443-6455. | 6.4 | 47 |
| 111 | 4-Aminoquinolines: Chloroquine, Amodiaquine and Next-Generation Analogues. , 2011, , 19-44. | | 10 |
| 112 | Second generation analogues of RKA182: synthetic tetraoxanes with outstanding in vitro and in vivo antimalarial activities. MedChemComm, 2011, 2, 661. | 3.4 | 28 |
| 113 | Population Pharmacokinetics of Sulfadoxine and Pyrimethamine in Malawian Children With Malaria. Clinical Pharmacology and Therapeutics, 2011, 89, 268-275. | 4.7 | 22 |
| 114 | Global proteomic analysis of plasma from mice infected with Plasmodium berghei ANKA using two dimensional gel electrophoresis and matrix assisted laser desorption ionization-time of flight mass spectrometry. Malaria Journal, 2011, 10, 205. | 2.3 | 11 |
| 115 | Sequence and gene expression of chloroquine resistance transporter (pfcrt) in the association of in vitro drugs resistance of Plasmodium falciparum. Malaria Journal, 2011, 10, 42. | 2.3 | 28 |
| 116 | Antimalarial Mannoxanes: Hybrid Antimalarial Drugs with Outstanding Oral Activity Profiles and A Potential Dual Mechanism of Action. ChemMedChem, 2011, 6, 1357-1361. | 3.2 | 25 |
| 117 | Synthesis and Antimalarial Activities of a Diverse Set of Triazoleâ€Containing Furamidine Analogues. ChemMedChem, 2011, 6, 2094-2108. | 3.2 | 26 |
| 118 | Synthesis and biological activities of 4-N-(anilinyl-n-[oxazolyl])-7-chloroquinolines (n=3â€² or 4â€²) against Plasmodium falciparum in in vitro models. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4512-4515. | 2.2 | 19 |
| 119 | The Molecular Basis of Folate Salvage in Plasmodium falciparum. Journal of Biological Chemistry, 2011, 286, 44659-44668. | 3.4 | 46 |
| 120 | Selective toxicity of dihydroartemisinin on human CD34+ erythroid cell differentiation. Toxicology, 2010, 276, 128-134. | 4.2 | 27 |
| 121 | A novel drug for uncomplicated malaria: Targeted high throughput screening (HTS) against the type II NADH:ubiquinone oxidoreductase (PfNDH2) of Plasmodium falciparum. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 80. | 1.0 | 0 |
| 122 | Identification of a 1,2,4,5â€Tetraoxane Antimalarial Drugâ€Development Candidate (RKAâ€‰182) with Superior Properties to the Semisynthetic Artemisinins. Angewandte Chemie - International Edition, 2010, 49, 5693-5697. | 13.8 | 111 |
| 123 | Inhibiting Plasmodium cytochrome bc1: a complex issue. Current Opinion in Chemical Biology, 2010, 14, 440-446. | 6.1 | 97 |
| 124 | Design, synthesis and antimalarial/anticancer evaluation of spermidine linked artemisinin conjugates designed to exploit polyamine transporters in Plasmodium falciparum and HL-60 cancer cell lines. Bioorganic and Medicinal Chemistry, 2010, 18, 2586-2597. | 3.0 | 51 |
| 125 | Oral Activated Charcoal Prevents Experimental Cerebral Malaria in Mice and in a Randomized Controlled Clinical Trial in Man Did Not Interfere with the Pharmacokinetics of Parenteral Artesunate. PLoS ONE, 2010, 5, e9867. | 2.5 | 11 |
| 126 | Discovery of Potent Small-Molecule Inhibitors of Multidrug-Resistant Plasmodium falciparum Using a Novel Miniaturized High-Throughput Luciferase-Based Assay. Antimicrobial Agents and Chemotherapy, 2010, 54, 3597-3604. | 3.2 | 46 |

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|---|---|---|---|
| 127 | Association Between the pfmdr1 Gene and In Vitro Artemether and Lumefantrine Sensitivity in Thai Isolates of Plasmodium falciparum. American Journal of Tropical Medicine and Hygiene, 2010, 83, 1005-1009. | 1.4 | 45 |
| 128 | Proteomic Analysis of Cerebrospinal Fluid in Pneumococcal Meningitis Reveals Potential Biomarkers Associated with Survival. Journal of Infectious Diseases, 2010, 202, 542-550. | 4.0 | 27 |
| 129 | Modular Synthesis and in Vitro and in Vivo Antimalarial Assessment of C-10 Pyrrole Mannich Base Derivatives of Artemisinin. Journal of Medicinal Chemistry, 2010, 53, 633-640. | 6.4 | 52 |
| 130 | The Molecular Mechanism of Action of Artemisininâ€"The Debate Continues. Molecules, 2010, 15, 1705-1721. | 3.8 | 474 |
| 131 | Lymphocyte subsets in healthy Malawians: Implications for immunologic assessment of HIV infection in Africa. Journal of Allergy and Clinical Immunology, 2010, 125, 203-208. | 2.9 | 30 |
| 132 | Endoperoxide Carbonyl Falcipain 2/3 Inhibitor Hybrids: Toward Combination Chemotherapy of Malaria through a Single Chemical Entity. Journal of Medicinal Chemistry, 2010, 53, 8202-8206. | 6.4 | 35 |
| 133 | Rationale Design of Biotinylated Antimalarial Endoperoxide Carbon Centered Radical Prodrugs for Applications in Proteomics. Journal of Medicinal Chemistry, 2010, 53, 4555-4559. | 6.4 | 29 |
| 134 | Synthesis, in vitro and in vivo antimalarial assessment of sulfide, sulfone and vinyl amide-substituted 1,2,4-trioxanes prepared via thiol-olefin co-oxygenation (TOCO) of allylic alcohols. Organic and Biomolecular Chemistry, 2010, 8, 2068. | 2.8 | 16 |
| 135 | A novel drug for uncomplicated malaria: targeted high throughput screening (HTS) against the type II NADH:ubiquinone oxidoreductase (PfNdh2) of Plasmodium falciparum. Malaria Journal, 2010, 9, . | 2.3 | 2 |
| 136 | CRIMALDDI: a co-ordinated, rational, and integrated effort to set logical priorities in anti-malarial drug discovery initiatives. Malaria Journal, 2010, 9, 202. | 2.3 | 6 |
| 137 | Chlorproguanilâ^'Dapsoneâ^'Artesunate versus Artemetherâ^'Lumefantrine: A Randomized, Double-Blind Phase III Trial in African Children and Adolescents with Uncomplicated Plasmodium falciparum Malaria. PLoS ONE, 2009, 4, e6682. | 2.5 | 58 |
| 138 | Role of Known Molecular Markers of Resistance in the Antimalarial Potency of Piperaquine and Dihydroartemisinin In Vitro. Antimicrobial Agents and Chemotherapy, 2009, 53, 1362-1366. | 3.2 | 33 |
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