Paul M O'neill

List of Publications by Year
in descending order

138 papers	8,853 citations	41627 51 h-index	58552 86 g-index
143 all docs	143 docs citations	143 times ranked	9736 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.	1.1	7
2	Dose prediction for repurposing nitazoxanide in SARSâ€CoVâ€2 treatment or chemoprophylaxis. British Journal of Clinical Pharmacology, 2021, 87, 2078-2088.	1.1	46
3	Therapeutic Potential of Nitazoxanide: An Appropriate Choice for Repurposing versus SARS-CoV-2?. ACS Infectious Diseases, 2021, 7, 1317-1331.	1.8	37
4	Inhibition mechanism of SARS-CoV-2 main protease by ebselen and its derivatives. Nature Communications, 2021, 12, 3061.	5.8	149
5	Enantioselective Synthesis and Profiling of Potent, Nonlinear Analogues of Antimalarial Tetraoxanes E209 and N205. ACS Medicinal Chemistry Letters, 2021, 12, 1077-1085.	1.3	5
6	Anti-Wolbachia drugs for filariasis. Trends in Parasitology, 2021, 37, 1068-1081.	1.5	27
7	Synthesis of Non-symmetrical Dispiro-1,2,4,5-Tetraoxanes and Dispiro-1,2,4-Trioxanes Catalyzed by Silica Sulfuric Acid. Journal of Organic Chemistry, 2021, 86, 10608-10620.	1.7	11
8	Artemisinin inspired synthetic endoperoxide drug candidates: Design, synthesis, and mechanism of action studies. Medicinal Research Reviews, 2021, 41, 3062-3095.	5.0	22
9	Development of Pyrazolopyrimidine Anti-<i>Wolbachia</i> Agents for the Treatment of Filariasis. ACS Medicinal Chemistry Letters, 2021, 12, 1421-1426.	1.3	5
10	Synthesis, antiviral activity, preliminary pharmacokinetics and structural parameters of thiazolide amine salts. Future Medicinal Chemistry, 2021, 13, 1731-1741.	1.1	7
11	Machine learning â€" Predicting Ames mutagenicity of small molecules. Journal of Molecular Graphics and Modelling, 2021, 109, 108011.	1.3	11
12	Synthesis, insecticidal activities and resistance in Aedes albopictus and cytotoxicity of novel dihaloacetylated heterocyclic pyrethroids. Pest Management Science, 2020, 76, 636-644.	1.7	15
13	Modification of the cyclopropyl moiety of abacavir provides insight into the structure activity relationship between HLAâ€B*57:01 binding and Tâ€cell activation. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 636-647.	2.7	19
14	Novel Selenium-based compounds with therapeutic potential for SOD1-linked amyotrophic lateral sclerosis. EBioMedicine, 2020, 59, 102980.	2.7	31
15	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.	2.3	118
16	Ebselen as template for stabilization of A4V mutant dimer for motor neuron disease therapy. Communications Biology, 2020, 3, 97.	2.0	30
17	Synthesis, insecticidal activity, resistance, photodegradation and toxicity of pyrethroids (A review). Chemosphere, 2020, 254, 126779.	4.2	74
18	Antimalarial Agents as Therapeutic Tools Against Toxoplasmosisâ€"A Short Bridge between Two Distant Illnesses. Molecules, 2020, 25, 1574.	1.7	23

#	Article	IF	Citations
19	Positively selected modifications in the pore of TbAQP2 allow pentamidine to enter Trypanosoma brucei. ELife, 2020, 9, .	2.8	16
20	Antimalarial activity of primaquine operates via a two-step biochemical relay. Nature Communications, 2019, 10, 3226.	5.8	94
21	Control and regulation of Sâ€Adenosylmethionine biosynthesis by the regulatory Î² subunit and quinoloneâ€based compounds. FEBS Journal, 2019, 286, 2135-2154.	2.2	9
22	Synthesis of MeBmt and related derivatives via syn-selective ATH-DKR. RSC Advances, 2019, 9, 40336-40339.	1.7	7
23	Industrial scale high-throughput screening delivers multiple fast acting macrofilaricides. Nature Communications, 2019, 10, 11.	5.8	93
24	Phosphinic acids: current status and potential for drug discovery. Drug Discovery Today, 2019, 24, 916-929.	3.2	29
25	AWZ1066S, a highly specific anti- <i>Wolbachia</i> 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.	3.3	57
26	Second-generation nitazoxanide derivatives: thiazolides are effective inhibitors of the influenza A virus. Future Medicinal Chemistry, 2018, 10, 851-862.	1.1	20
27	The cysteine-reactive small molecule ebselen facilitates effective SOD1 maturation. Nature Communications, 2018, 9, 1693.	5.8	71
28	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.	1.1	26
29	Potent Antimalarial 2-Pyrazolyl Quinolone <i>bc</i>₁ (Q_i) Inhibitors with Improved Drug-like Properties. ACS Medicinal Chemistry Letters, 2018, 9, 1205-1210.	1.3	28
30	Î±-Methyl-Î±-phenylsuccinimide ameliorates neurodegeneration in a C. elegans model of TDP-43 proteinopathy. Neurobiology of Disease, 2018, 118, 40-54.	2.1	19
31	X-ray and cryo-EM structures of inhibitor-bound cytochrome<i>bc</i>₁complexes for structure-based drug discovery. IUCrJ, 2018, 5, 200-210.	1.0	23
32	Study of the antimalarial activity of 4-aminoquinoline compounds against chloroquine-sensitive and chloroquine-resistant parasite strains. Journal of Molecular Modeling, 2018, 24, 237.	0.8	24
33	On the ordeal of quinolone preparation via cyclisation of aryl-enamines; synthesis and structure of ethyl 6-methyl-7-iodo-4-(3-iodo-4-methylphenoxy)-quinoline-3-carboxylate. Pure and Applied Chemistry, 2017, 89, 765-780.	0.9	4
34	A tetraoxane-based antimalarial drug candidate that overcomes PfK13-C580Y dependent artemisinin resistance. Nature Communications, 2017, 8, 15159.	5.8	51
35	Rational Design, Synthesis, and Biological Evaluation of Heterocyclic Quinolones Targeting the Respiratory Chain of <i>Mycobacterium tuberculosis</i>. Journal of Medicinal Chemistry, 2017, 60, 3703-3726.	2.9	39
36	Identification and prioritization of novel anti- <i>Wolbachia</i> chemotypes from screening a 10,000-compound diversity library. Science Advances, 2017, 3, eaao1551.	4.7	24

#	Article	IF	Citations
37	Synthesis and structureâ€“activity relationship of N⁴-benzylamine-N²-isopropyl-quinazoline-2,4-diamines derivatives as potential antibacterial agents. RSC Advances, 2017, 7, 52227-52237.	1.7	12
38	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.	7.2	76
39	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.	1.6	19
40	Molecular Mechanism of Action of Antimalarial Benzoisothiazolones: Species-Selective Inhibitors of the Plasmodium spp. MEP Pathway enzyme, IspD. Scientific Reports, 2016, 6, 36777.	1.6	13
41	Design and Synthesis of Irreversible Analogues of Bardoxolone Methyl for the Identification of Pharmacologically Relevant Targets and Interaction Sites. Journal of Medicinal Chemistry, 2016, 59, 2396-2409.	2.9	37
42	Antimalarial Chemotherapy: Natural Product Inspired Development of Preclinical and Clinical Candidates with Diverse Mechanisms of Action. Journal of Medicinal Chemistry, 2016, 59, 5587-5603.	2.9	59
43	Artemisinin activity-based probes identify multiple molecular targets within the asexual stage of the malaria parasites <i>Plasmodium falciparum</i> 3D7. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2080-2085.	3.3	209
44	Small Molecule Inhibitors of Cyclophilin D To Protect Mitochondrial Function as a Potential Treatment for Acute Pancreatitis. Journal of Medicinal Chemistry, 2016, 59, 2596-2611.	2.9	42
45	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.	7.2	12
46	2-Pyridylquinolone antimalarials with improved antimalarial activity and physicochemical properties. MedChemComm, 2015, 6, 1252-1259.	3.5	14
47	Antimalarial 4(1H)-pyridones bind to the Q _i site of cytochrome <i>bc</i> ₁. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 755-760.	3.3	90
48	<i>Plasmodium</i> IspD (2-C-Methyl-<scp>d</scp>-erythritol 4-Phosphate Cytidyltransferase), an Essential and Druggable Antimalarial Target. ACS Infectious Diseases, 2015, 1, 157-167.	1.8	42
49	From hybrid compounds to targeted drug delivery in antimalarial therapy. Bioorganic and Medicinal Chemistry, 2015, 23, 5120-5130.	1.4	38
50	Integrated transcriptomic and proteomic analyses uncover regulatory roles of Nrf2 in the kidney. Kidney International, 2015, 88, 1261-1273.	2.6	41
51	Carbamoyl Triazoles, Known Serine Protease Inhibitors, Are a Potent New Class of Antimalarials. Journal of Medicinal Chemistry, 2015, 58, 6448-6455.	2.9	17
52	Quinoloneâ€“Hydroxyquinoline Tautomerism in Quinolone 3-Esters. Preserving the 4-Oxoquinoline Structure To Retain Antimalarial Activity. Journal of Organic Chemistry, 2015, 80, 12244-12257.	1.7	17
53	Tetraoxaneâ€“Pyrimidine Nitrile Hybrids as Dual Stage Antimalarials. Journal of Medicinal Chemistry, 2014, 57, 4916-4923.	2.9	43
54	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.	1.3	116

#	Article	IF	Citations
55	Novel Endoperoxide-Based Transmission-Blocking Antimalarials with Liver- and Blood-Schizontocidal Activities. ACS Medicinal Chemistry Letters, 2014, 5, 108-112.	1.3	40
56	An Endoperoxideâ€Based Hybrid Approach to Deliver Falcipain Inhibitors Inside Malaria Parasites. ChemMedChem, 2013, 8, 1528-1536.	1.6	32
57	Synthesis and evaluation of the antimalarial, anticancer, and caspase 3 activities of tetraoxane dimers. Bioorganic and Medicinal Chemistry, 2013, 21, 7392-7397.	1.4	19
58	Antimalarial pharmacology and therapeutics of atovaquone. Journal of Antimicrobial Chemotherapy, 2013, 68, 977-985.	1.3	147
59	Artemisininâ€"Polypyrrole Conjugates: Synthesis, DNA Binding Studies and Preliminary Antiproliferative Evaluation. ChemMedChem, 2013, 8, 709-718.	1.6	7
60	Oxidative Bioactivation of Abacavir in Subcellular Fractions of Human Antigen Presenting Cells. Chemical Research in Toxicology, 2013, 26, 1064-1072.	1.7	12
61	Pyrethroid activity-based probes for profiling cytochrome P450 activities associated with insecticide interactions. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19766-19771.	3.3	33
62	Targeting the mitochondrial electron transport chain of <i>Plasmodium falciparum:</i> new strategies towards the development of improved antimalarials for the elimination era. Future Medicinal Chemistry, 2013, 5, 1573-1591.	1.1	55
63	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.	1.6	77
64	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.	1.4	53
65	Identification, Design and Biological Evaluation of Bisaryl Quinolones Targeting <i>Plasmodium falciparum</i> Type II NADH:Quinone Oxidoreductase (PfNDH2). Journal of Medicinal Chemistry, 2012, 55, 1831-1843.	2.9	94
66	Identification, Design and Biological Evaluation of Heterocyclic Quinolones Targeting <i>Plasmodium falciparum</i> Type II NADH:Quinone Oxidoreductase (PfNDH2). Journal of Medicinal Chemistry, 2012, 55, 1844-1857.	2.9	51
67	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.	2.9	23
68	Examination of the Cytotoxic and Embryotoxic Potential and Underlying Mechanisms of Next-Generation Synthetic Trioxolane and Tetraoxane Antimalarials. Molecular Medicine, 2012, 18, 1045-1055.	1.9	12
69	The MEP pathway and the development of inhibitors as potential anti-infective agents. MedChemComm, 2012, 3, 418.	3.5	41
70	Generation of quinolone antimalarials targeting the <i>Plasmodium falciparum</i> 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.	3.3	143
71	Convenient Syntheses of Benzo-Fluorinated Dibenz[<i>b</i>,<i>f</i>]azepines: Rearrangements of Isatins, Acridines, and Indoles. Organic Letters, 2011, 13, 5592-5595.	2.4	30
72	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.	2.9	47

#	Article	IF	Citations
73	Second generation analogues of RKA182: synthetic tetraoxanes with outstanding in vitro and in vivo antimalarial activities. MedChemComm, 2011, 2, 661.	3.5	28
74	Cytochrome P450 6M2 from the malaria vector Anopheles gambiae metabolizes pyrethroids: Sequential metabolism of deltamethrin revealed. Insect Biochemistry and Molecular Biology, 2011, 41, 492-502.	1.2	217
75	Antimalarial Mannoxanes: Hybrid Antimalarial Drugs with Outstanding Oral Activity Profiles and A Potential Dual Mechanism of Action. ChemMedChem, 2011, 6, 1357-1361.	1.6	25
76	Synthesis and Antimalarial Activities of a Diverse Set of Triazoleâ€Containing Furamidine Analogues. ChemMedChem, 2011, 6, 2094-2108.	1.6	26
77	The Role of Heme and the Mitochondrion in the Chemical and Molecular Mechanisms of Mammalian Cell Death Induced by the Artemisinin Antimalarials. Journal of Biological Chemistry, 2011, 286, 987-996.	1.6	137
78	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.	0.5	0
79	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.	7.2	111
80	Inhibiting Plasmodium cytochrome bc1: a complex issue. Current Opinion in Chemical Biology, 2010, 14, 440-446.	2.8	97
81	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.	1.4	51
82	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.	2.9	52
83	The Molecular Mechanism of Action of Artemisininâ€"The Debate Continues. Molecules, 2010, 15, 1705-1721.	1.7	474
84	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.	2.9	35
85	Rationale Design of Biotinylated Antimalarial Endoperoxide Carbon Centered Radical Prodrugs for Applications in Proteomics. Journal of Medicinal Chemistry, 2010, 53, 4555-4559.	2.9	29
86	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, .	0.8	2
87	Comparative preclinical drug metabolism and pharmacokinetic evaluation of novel 4-aminoquinoline anti-malarials. Journal of Pharmaceutical Sciences, 2009, 98, 362-377.	1.6	16
88	Synthesis and biological evaluation of extraordinarily potent C-10 carba artemisinin dimers against P. falciparum malaria parasites and HL-60 cancer cells. Bioorganic and Medicinal Chemistry, 2009, 17, 1325-1338.	1.4	58
89	Semi-synthetic and synthetic 1,2,4-trioxaquines and 1,2,4-trioxolaquines: synthesis, preliminary SAR and comparison with acridine endoperoxide conjugates. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2038-2043.	1.0	64
90	Antitumour and antimalarial activity of artemisininâ€"acridine hybrids. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2033-2037.	1.0	50

#	Article	IF	Citations
91	Candidate Selection and Preclinical Evaluation of <i>N</i>-<i>tert</i>-Butyl Isoquine (GSK369796), An Affordable and Effective 4-Aminoquinoline Antimalarial for the 21st Century. Journal of Medicinal Chemistry, 2009, 52, 1408-1415.	2.9	80
92	Synthesis, Antimalarial Activity, and Preclinical Pharmacology of a Novel Series of 4â€²-Fluoro and 4â€²-Chloro Analogues of Amodiaquine. Identification of a Suitable â€œBack-Upâ€• Compound for <i>N-tert</i>-Butyl Isoquine. Journal of Medicinal Chemistry, 2009, 52, 1828-1844.	2.9	56
93	An efficient route into synthetically challenging bridged achiral 1,2,4,5-tetraoxanes with antimalarial activity. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1720-1724.	1.0	30
94	Piperidine dispiro-1,2,4-trioxane analogues. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5804-5808.	1.0	27
95	Two-Step Synthesis of Achiral Dispiro-1,2,4,5-tetraoxanes with Outstanding Antimalarial Activity, Low Toxicity, and High-Stability Profiles. Journal of Medicinal Chemistry, 2008, 51, 2170-2177.	2.9	78
96	Acridinediones: Selective and Potent Inhibitors of the Malaria Parasite Mitochondrial bc1 Complex. Molecular Pharmacology, 2008, 73, 1347-1355.	1.0	85
97	Evidence for the Involvement of Carbon-centered Radicals in the Induction of Apoptotic Cell Death by Artemisinin Compounds. Journal of Biological Chemistry, 2007, 282, 9372-9382.	1.6	164
98	Evidence for a Common Nonâ€Heme Chelatableâ€Ironâ€Dependent Activation Mechanism for Semisynthetic and Synthetic Endoperoxide Antimalarial Drugs. Angewandte Chemie - International Edition, 2007, 46, 6278-6283.	7.2	116
99	Anticancer activity of artemisinin-derived trioxanes. Expert Opinion on Therapeutic Patents, 2006, 16, 1665-1672.	2.4	41
100	Design and synthesis of orally active dispiro 1,2,4,5-tetraoxanes; synthetic antimalarials with superior activity to artemisinin. Organic and Biomolecular Chemistry, 2006, 4, 4431.	1.5	83
101	Dielsâ€“Alder/thiolâ€“olefin co-oxygenation approach to antimalarials incorporating the 2,3-dioxabicyclo[3.3.1]nonane pharmacophore. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 2991-2995.	1.0	19
102	Synthesis of 1,2,4-trioxepanes via application of thiol-olefin Co-oxygenation methodology. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 6124-6130.	1.0	13
103	Functional Characterization and Target Validation of Alternative Complex I of Plasmodium falciparum Mitochondria. Antimicrobial Agents and Chemotherapy, 2006, 50, 1841-1851.	1.4	120
104	A Medicinal Chemistry Perspective on 4-Aminoquinoline Antimalarial Drugs. Current Topics in Medicinal Chemistry, 2006, 6, 479-507.	1.0	104
105	Enantiomeric 1,2,4-Trioxanes Display Equivalent in vitro Antimalarial Activity Versus Plasmodium falciparum Malaria Parasites: Implications for the Molecular Mechanism of Action of the Artemisinins. ChemBioChem, 2005, 6, 2048-2054.	1.3	49
106	The therapeutic potential of semi-synthetic artemisinin and synthetic endoperoxide antimalarial agents. Expert Opinion on Investigational Drugs, 2005, 14, 1117-1128.	1.9	37
107	Current drug development portfolio for antimalarial therapies. Current Opinion in Pharmacology, 2005, 5, 473-478.	1.7	46
108	A worthy adversary for malaria. Nature, 2004, 430, 838-839.	13.7	49

#	Article	IF	Citations
109	Design and Synthesis of Endoperoxide Antimalarial Prodrug Models. Angewandte Chemie - International Edition, 2004, 43, 4193-4197.	7.2	56
110	A Medicinal Chemistry Perspective on Artemisinin and Related Endoperoxides. ChemInform, 2004, 35, no.	0.1	0
111	Knowledge of the Proposed Chemical Mechanism of Action and Cytochrome P450 Metabolism of Antimalarial Trioxanes Like Artemisinin Allows Rational Design of New Antimalarial Peroxides. ChemInform, 2004, 35, no.	0.1	0
112	Antimalarial and Antitumor Evaluation of Novel C-10 Non-Acetal Dimers of 10Î²-(2-Hydroxyethyl)deoxoartemisinin. Journal of Medicinal Chemistry, 2004, 47, 1290-1298.	2.9	97
113	Application of Thiolâ˘'Olefin Co-oxygenation Methodology to a New Synthesis of the 1,2,4-Trioxane Pharmacophore. Organic Letters, 2004, 6, 3035-3038.	2.4	58
114	A Medicinal Chemistry Perspective on Artemisinin and Related Endoperoxides. Journal of Medicinal Chemistry, 2004, 47, 2945-2964.	2.9	505
115	Knowledge of the Proposed Chemical Mechanism of Action and Cytochrome P450 Metabolism of Antimalarial Trioxanes Like Artemisinin Allows Rational Design of New Antimalarial Peroxides. Accounts of Chemical Research, 2004, 37, 397-404.	7.6	214
116	Antimalarial chemotherapy: young guns or back to the future?. Trends in Parasitology, 2003, 19, 479-487.	1.5	79
117	Co(thd)2: a superior catalyst for aerobic epoxidation and hydroperoxysilylation of unactivated alkenes: application to the synthesis of spiro-1,2,4-trioxanes. Tetrahedron Letters, 2003, 44, 8135-8138.	0.7	69
118	Isoquine and Related Amodiaquine Analogues:Â A New Generation of Improved 4-Aminoquinoline Antimalarials. Journal of Medicinal Chemistry, 2003, 46, 4933-4945.	2.9	130
119	Mechanism-Based Design of Parasite-Targeted Artemisinin Derivatives:â€‰ Synthesis and Antimalarial Activity of New Diamine Containing Analogues. Journal of Medicinal Chemistry, 2002, 45, 1052-1063.	2.9	116
120	Novel Short Chain Chloroquine Analogues Retain Activity Against Chloroquine Resistant K1Plasmodium falciparum. Journal of Medicinal Chemistry, 2002, 45, 4975-4983.	2.9	121
121	Synthesis, Antimalarial Activity, Biomimetic Iron(II) Chemistry, and in Vivo Metabolism of Novel, Potent C-10-Phenoxy Derivatives of Dihydroartemisinin. Journal of Medicinal Chemistry, 2001, 44, 58-68.	2.9	92
122	METABOLISM OFFLUORINE-CONTAININGDRUGS. Annual Review of Pharmacology and Toxicology, 2001, 41, 443-470.	4.2	550
123	Regioselective Mukaiyama hydroperoxysilylation of 2-alkyl- or 2-aryl-prop-2-en-1-ols: application to a new synthesis of 1,2,4-trioxanes. Tetrahedron Letters, 2001, 42, 4569-4571.	0.7	54
124	Biomimetic Fe(II)-Mediated Degradation of Arteflene (Ro-42-1611). The First EPR Spin-Trapping Evidence for the Previously Postulated Secondary Carbon-Centered Cyclohexyl Radical. Journal of Organic Chemistry, 2000, 65, 1578-1582.	1.7	59
125	Asymmetric syntheses of enantiomeric 3-p-fluorophenyl 1,2,4-trioxane analogues of the antimalarial artemisinin. Tetrahedron Letters, 1999, 40, 9133-9136.	0.7	22
126	Novel, Potent, Semisynthetic Antimalarial Carba Analogues of the First-Generation 1,2,4-Trioxane Artemether. Journal of Medicinal Chemistry, 1999, 42, 5487-5493.	2.9	58

#	Article	IF	Citations
127	New 4-Aminoquinoline Mannich Base Antimalarials. 1. Effect of an Alkyl Substituent in the 5â€˜-Position of the 4â€˜-Hydroxyanilino Side Chain. Journal of Medicinal Chemistry, 1999, 42, 2747-2751.	2.9	58
128	4-Aminoquinolinesâ€"Past, present, and future; A chemical perspective. , 1998, 77, 29-58.		242
129	Synthesis of the 8-aminoquinoline antimalarial 5-fluoroprimaquine. Tetrahedron, 1998, 54, 4615-4622.	1.0	30
130	Safety assessment of peroxide antimalarials: clinical and chemical perspectives. British Journal of Clinical Pharmacology, 1998, 46, 521-529.	1.1	41
131	Metabolism-Dependent Neutrophil Cytotoxicity of Amodiaquine: A Comparison with Pyronaridine and Related Antimalarial Drugs. Chemical Research in Toxicology, 1998, 11, 1586-1595.	1.7	79
132	Synthesis, Antimalarial Activity, and Molecular Modeling of Tebuquine Analogues. Journal of Medicinal Chemistry, 1997, 40, 437-448.	2.9	105
133	The biomimetic iron-mediated degradation of arteflene (Ro-42-1611),an endoperoxide antimalarial: Implications for the mechanism of antimalarial activity. Tetrahedron Letters, 1997, 38, 4263-4266.	0.7	45
134	Mechanism-Based Design of Parasite-Targeted Artemisinin Derivatives:Â Synthesis and Antimalarial Activity of Benzylamino and Alkylamino Ether Analogues of Artemisinin. Journal of Medicinal Chemistry, 1996, 39, 4511-4514.	2.9	31
135	The role of drug accumulation in 4-aminoquinoline antimalarial potency. Biochemical Pharmacology, 1996, 52, 723-733.	2.0	88
136	The effect of fluorine substitution on the antimalarial activity of tebuquine. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 391-392.	1.0	10
137	The Effect of Fluorine Substitution on the Metabolism and Antimalarial Activity of Amodiaquine. Journal of Medicinal Chemistry, 1994, 37, 1362-1370.	2.9	78
138	Unprecedented Convergent Synthesis of Sugar-Functionalization of Phosphinic Acids under Metal-Free Conditions. ACS Omega, 0, , .	1.6	4