Donatella Taramelli

List of Publications by Year
in descending order

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144 papers	5,568 citations	66343 42 h-index	102487 66 g-index
148 all docs	148 docs citations	148 times ranked	6527 citing authors

#	Article	IF	Citations
1	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. PLoS Pathogens, 2016, 12, e1005763.	4.7	244
2	Structureâ^'Activity Relationships in 4-Aminoquinoline Antiplasmodials. The Role of the Group at the 7-Position. Journal of Medicinal Chemistry, 2002, 45, 3531-3539.	6.4	215
3	HaCaT Cells as a Reliable In Vitro Differentiation Model to Dissect the Inflammatory/Repair Response of Human Keratinocytes. Mediators of Inflammation, 2017, 2017, 1-12.	3.0	179
4	Inhibition of VCAM-1 Expression in Endothelial Cells by Reconstituted High Density Lipoproteins. Biochemical and Biophysical Research Communications, 1997, 238, 61-65.	2.1	150
5	Insights into the Mechanism of Action of Ferroquine. Relationship between Physicochemical Properties and Antiplasmodial Activity. Molecular Pharmaceutics, 2005, 2, 185-193.	4.6	150
6	Synthesis of N1-arylidene-N2-quinolyl- and N2-acrydinylhydrazones as potent antimalarial agents active against CQ-resistant P. falciparum strains. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5384-5388.	2.2	142
7	Nitric Oxideâ€"Mediated Induction of Ferritin Synthesis in J774 Macrophages by Inflammatory Cytokines: Role of Selective Iron Regulatory Protein-2 Downregulation. Blood, 1998, 91, 1059-1066.	1.4	127
8	4-Alkyl- and 4-phenylcoumarins from Mesua ferrea as promising multidrug resistant antibacterials. Phytochemistry, 2004, 65, 2867-2879.	2.9	116
9	The Fe²⁺â€Mediated Decomposition, PfATP6 Binding, and Antimalarial Activities of Artemisone and Other Artemisinins: The Unlikelihood of Câ€Centered Radicals as Bioactive Intermediates. ChemMedChem, 2007, 2, 1480-1497.	3.2	107
10	Standardization of the Physicochemical Parameters to Assess in Vitro the Î²-Hematin Inhibitory Activity of Antimalarial Drugs. Experimental Parasitology, 2000, 96, 249-256.	1.2	102
11	A Plasmodium falciparum screening assay for anti-gametocyte drugs based on parasite lactate dehydrogenase detection. Journal of Antimicrobial Chemotherapy, 2013, 68, 2048-2058.	3.0	102
12	Antiplasmodial activity of Punica granatum L. fruit rind. Journal of Ethnopharmacology, 2009, 125, 279-285.	4.1	95
13	Synthesis of Some Cryptolepine Analogues, Assessment of Their Antimalarial and Cytotoxic Activities, and Consideration of Their Antimalarial Mode of Action. Journal of Medicinal Chemistry, 2005, 48, 2701-2709.	6.4	93
14	Primary but not metastatic human melanomas expressing dr antigens stimulate autologous lymphocytes. International Journal of Cancer, 1984, 33, 591-597.	5.1	91
15	Accelerated senescence of human erythrocytes cultured with Plasmodium falciparum. Blood, 2003, 102, 705-711.	1.4	87
16	Ellagitannins of the fruit rind of pomegranate (Punica granatum) antagonize in vitro the host inflammatory response mechanisms involved in the onset of malaria. Malaria Journal, 2010, 9, 208.	2.3	84
17	Design, Synthesis, and Structureâ€"Activity Relationship Studies of 4-Quinolinyl- and 9-Acrydinylhydrazones as Potent Antimalarial Agents. Journal of Medicinal Chemistry, 2008, 51, 1333-1343.	6.4	73
18	PATHOGENESIS OF MALARIA IN TISSUES AND BLOOD. Mediterranean Journal of Hematology and Infectious Diseases, 2012, 4, e2012061.	1.3	72

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19	Antiplasmodial Triterpenoids from the Fruits of Neem, Azadirachta indica. Journal of Natural Products, 2010, 73, 1448-1452.	3.0	70
20	Destabilisation and subsequent lysis of human erythrocytes induced by Plasmodium falciparum haem products. European Journal of Haematology, 2005, 74, 324-332.	2.2	68
21	Differential effects on angiogenesis of two antimalarial compounds, dihydroartemisinin and artemisone: Implications for embryotoxicity. Toxicology, 2007, 241, 66-74.	4.2	68
22	Artemisinin Antimalarials Do Not Inhibit Hemozoin Formation. Antimicrobial Agents and Chemotherapy, 2003, 47, 1175-1175.	3.2	67
23	Activity against Plasmodium falciparum of cycloperoxide compounds obtained from the sponge Plakortis simplex. Journal of Antimicrobial Chemotherapy, 2002, 50, 883-888.	3.0	66
24	Endoperoxide Derivatives from Marine Organisms:â€‰ 1,2-Dioxanes of the Plakortin Family as Novel Antimalarial Agents. Journal of Medicinal Chemistry, 2006, 49, 7088-7094.	6.4	66
25	A Novel Endogenous Antimalarial:â€‰ Fe(II)-Protoporphyrin IXÎ± (Heme) Inhibits Hematin Polymerization to Î²-Hematin (Malaria Pigment) and Kills Malaria Parasites. Biochemistry, 1999, 38, 8858-8863.	2.5	65
26	The inhibition of lymphocyte stimulation by autologous human metastatic melanoma cells correlates with the expression of HLA-DR antigens on the tumor cells. International Journal of Cancer, 1984, 34, 797-806.	5.1	63
27	cAMP-Signalling Regulates Gametocyte-Infected Erythrocyte Deformability Required for Malaria Parasite Transmission. PLoS Pathogens, 2015, 11, e1004815.	4.7	60
28	The plant-based immunomodulator curcumin as a potential candidate for the development of an adjunctive therapy for cerebral malaria. Malaria Journal, 2011, 10, S10.	2.3	59
29	Mimicking the Intramolecular Hydrogen Bond: Synthesis, Biological Evaluation, and Molecular Modeling of Benzoxazines and Quinazolines as Potential Antimalarial Agents. Journal of Medicinal Chemistry, 2012, 55, 10387-10404.	6.4	58
30	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 N-tert-Butyl Isoquine. Journal of Medicinal Chemistry, 2009, 52, 1828-1844.	6.4	56
31	Differential Cytokine Pattern in the Spleens and Livers of BALB/c Mice Infected with Penicillium marneffei : Protective Role of Gamma Interferon. Infection and Immunity, 2003, 71, 465-473.	2.2	55
32	Combining 4-Aminoquinoline- and Clotrimazole-Based Pharmacophores toward Innovative and Potent Hybrid Antimalarials. Journal of Medicinal Chemistry, 2009, 52, 502-513.	6.4	55
33	Non-iron porphyrins inhibit Î²-haematin (malaria pigment) polymerisation. FEBS Letters, 1997, 409, 297-299.	2.8	54
34	4-Aminoquinoline quinolizidinyl- and quinolizidinylalkyl-derivatives with antimalarial activity. Bioorganic and Medicinal Chemistry, 2005, 13, 5338-5345.	3.0	54
35	Manadoperoxides Aâ€“D from the Indonesian Sponge Plakortis cfr. simplex. Further Insights on the Structureâ€“Activity Relationships of Simple 1,2-Dioxane Antimalarials. Journal of Natural Products, 2010, 73, 1138-1145.	3.0	54
36	Macrophage Preconditioning with Synthetic Malaria Pigment Reduces Cytokine Production via Heme Iron-Dependent Oxidative Stress. Laboratory Investigation, 2000, 80, 1781-1788.	3.7	49

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37	Measurement of macrophage-mediated cytotoxicity against adherent and non-adherent target cells by release of 111indium-oxine. Journal of Immunological Methods, 1981, 43, 319-331.	1.4	48
38	Stability of the Antimalarial Drug Dihydroartemisinin under Physiologically Relevant Conditions: Implications for Clinical Treatment and Pharmacokinetic and In Vitro Assays. Antimicrobial Agents and Chemotherapy, 2015, 59, 4046-4052.	3.2	47
39	A Chemotype That Inhibits Three Unrelated Pathogenic Targets: The Botulinum Neurotoxin Serotype A Light Chain,P. falciparumMalaria, and the Ebola Filovirus. Journal of Medicinal Chemistry, 2011, 54, 1157-1169.	6.4	46
40	Clotrimazole Scaffold as an Innovative Pharmacophore Towards Potent Antimalarial Agents: Design, Synthesis, and Biological and Structureâ€“Activity Relationship Studies. Journal of Medicinal Chemistry, 2008, 51, 1278-1294.	6.4	45
41	Dihydroartemisinin inhibits the human erythroid cell differentiation by altering the cell cycle. Toxicology, 2012, 300, 57-66.	4.2	45
42	Antimalarial activity of novel pyrrolizidinyl derivatives of 4-aminoquinoline. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3737-3740.	2.2	44
43	High-density lipoproteins attenuate interleukin-6 production in endothelial cells exposed to pro-inflammatory stimuli. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2005, 1736, 136-143.	2.4	43
44	Novel amodiaquine congeners as potent antimalarial agents. Bioorganic and Medicinal Chemistry, 2008, 16, 6813-6823.	3.0	43
45	Optimization of 4-Aminoquinoline/Clotrimazole-Based Hybrid Antimalarials: Further Structureâ€“Activity Relationships, in Vivo Studies, and Preliminary Toxicity Profiling. Journal of Medicinal Chemistry, 2012, 55, 6948-6967.	6.4	43
46	Antimalarial Polyketide Cycloperoxides from the Marine SpongePlakortis simplex. European Journal of Organic Chemistry, 2005, 2005, 5077-5083.	2.4	42
47	Natural haemozoin modulates matrix metalloproteinases and induces morphological changes in human microvascular endothelium. Cellular Microbiology, 2011, 13, 1275-1285.	2.1	42
48	Synthesis and antimalarial activities of some furoxan sulfones and related furazans. European Journal of Medicinal Chemistry, 2005, 40, 1335-1340.	5.5	41
49	Design and Synthesis of Potent Antimalarial Agents Based on Clotrimazole Scaffold:Â Exploring an Innovative Pharmacophore. Journal of Medicinal Chemistry, 2007, 50, 595-598.	6.4	40
50	Salinomycin and Other Ionophores as a New Class of Antimalarial Drugs with Transmission-Blocking Activity. Antimicrobial Agents and Chemotherapy, 2015, 59, 5135-5144.	3.2	40
51	Synthetic spirocyclic endoperoxides: new antimalarial scaffolds. MedChemComm, 2015, 6, 357-362.	3.4	39
52	Artemisone and Artemiside Are Potent Panreactive Antimalarial Agents That Also Synergize Redox Imbalance in Plasmodium falciparum Transmissible Gametocyte Stages. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	39
53	Plasmepsin II inhibition and antiplasmodial activity of Primaquineâ€“Statine `double-drugs'. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2931-2934.	2.2	38
54	In vitro identification of a subpopulation of fibroblasts that produces high levels of collagen in scleroderma patients. Arthritis and Rheumatism, 1990, 33, 842-852.	6.7	37

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55	Spatial distribution of heme species in erythrocytes infected with Plasmodium falciparum by use of resonance Raman imaging and multivariate analysis. Analytical and Bioanalytical Chemistry, 2008, 392, 1277-1282.	3.7	37
56	A chemical susceptibility profile of thePlasmodium falciparumtransmission stages by complementary cell-based gametocyte assays. Journal of Antimicrobial Chemotherapy, 2016, 71, 1148-1158.	3.0	37
57	Evidence that haem iron in the malaria parasite is not needed for the antimalarial effects of artemisinin. FEBS Letters, 2004, 575, 91-94.	2.8	36
58	Curcumin enhances non-opsonic phagocytosis of Plasmodium falciparum through up-regulation of CD36 surface expression on monocytes/macrophages. Journal of Antimicrobial Chemotherapy, 2012, 67, 1895-1904.	3.0	36
59	In VitroStudies on the Mechanism of Action of Two Compounds with Antiplasmodial Activity: Ellagic Acid and 3,4,5-Trimethoxyphenyl(6â€²-O-Galloyl)-Î²-D-glucopyranoside. Planta Medica, 2003, 69, 162-164.	1.3	32
60	Reinvestigating Old Pharmacophores: Are 4-Aminoquinolines and Tetraoxanes Potential Two-Stage Antimalarials?. Journal of Medicinal Chemistry, 2016, 59, 264-281.	6.4	32
61	Lysis of autologous human melanoma cells by in vitro allosensitized peripheral blood lymphocytes. Cancer Immunology, Immunotherapy, 1982, 14, 99-104.	4.2	31
62	High Antiplasmodial Activity of Novel Plasmepsins I and II Inhibitors. Journal of Medicinal Chemistry, 2006, 49, 7440-7449.	6.4	31
63	Anti-plasmodial and insecticidal activities of the essential oils of aromatic plants growing in the Mediterranean area. Malaria Journal, 2012, 11, 219.	2.3	31
64	Induction of immunotoxicity by polycyclic hydrocarbons: Role of the Ah locus. Archives of Toxicology, 1984, 56, 18-24.	4.2	30
65	Immunomodulatory Î±-Galactoglycosphingolipids: Synthesis of 2'-Fluoro-2'-deoxy-Î±-galactosylceramide and an Evaluation of Its Immunostimulating Properties. European Journal of Organic Chemistry, 2005, 2005, 3279-3285.	2.4	30
66	ImmunomodulatoryÎ±-Galactoglycosphingolipids: Synthesis of a 2â€²-O-Methyl-Î±-Gal-GSL and Evaluation of Its Immunostimulating Capacity. European Journal of Organic Chemistry, 2004, 2004, 468-473.	2.4	29
67	Interaction of Artemisinins with Oxyhemoglobin Hbâ€“Fe^{II}, Hbâ€“Fe^{II}, CarboxyHbâ€“Fe^{II}, Hemeâ€“Fe^{II}, and Carboxyheme Fe^{II}: Significance for Mode of Action and Implications for Therapy of Cerebral Malaria. ChemMedChem, 2009, 4, 2045-2053.	3.2	29
68	Amodiaquine analogues containing NO-donor substructures: Synthesis and their preliminary evaluation as potential tools in the treatment of cerebral malaria. European Journal of Medicinal Chemistry, 2011, 46, 1757-1767.	5.5	29
69	The effect of synthetic malaria pigment (Î²-haematin) on adhesion molecule expression and interleukin-6 production by human endothelial cells. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1998, 92, 57-62.	1.8	28
70	Does chloroquine really act through oxidative stress?. FEBS Letters, 2002, 522, 3-5.	2.8	28
71	Systemic administration of autologous, alloactivated helper-enriched lymphocytes to patients with metastatic melanoma of the lung. Cancer Immunology, Immunotherapy, 1986, 21, 148-55.	4.2	27
72	Prevalence of pfcrt point mutations and level of chloroquine resistance in Plasmodium falciparum isolates from Africa. Infection, Genetics and Evolution, 2006, 6, 262-268.	2.3	27

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73	Selective toxicity of dihydroartemisinin on human CD34+ erythroid cell differentiation. Toxicology, 2010, 276, 128-134.	4.2	27
74	Synthesis and antiplasmodial activity of new heteroaryl derivatives of 7-chloro-4-aminoquinoline. Bioorganic and Medicinal Chemistry, 2012, 20, 5965-5979.	3.0	27
75	Antimalarial agents against both sexual and asexual parasites stages: structure-activity relationships and biological studies of the Malaria Box compound 1-[5-(4-bromo-2-chlorophenyl)furan-2-yl]-N-[(piperidin-4-yl)methyl]methanamine (MMV019918) and	5.5	27
76	Prooxidant activity of Î²-hematin (synthetic malaria pigment) in arachidonic acid micelles and phospholipid large unilamellar vesicles11Abbreviations: AA, arachidonic acid; AH, (ferriprotoporphyrin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf hydroperoxide; DMSO, dimethylsulfoxide; FV, food vacuole; GSH, reduced glutathione; HZ, hemozoin; LOOH, hydroperoxides; LUVs, Large Unilamellar Vesicles; PE, phosphatidylethanolamine; PL, phospholipid; RBC, red blood. Biochemical Pharmacology, 2001, 61, 999-1009.	4.4	26
77	Antimalarials based on the dioxane scaffold of plakortin. A concise synthesis and SAR studies. Bioorganic and Medicinal Chemistry, 2011, 19, 312-320.	3.0	26
78	Synthesis and Antiplasmodial Activity of Bicyclic Dioxanes as Simplified Dihydroplakortin Analogues. Journal of Medicinal Chemistry, 2011, 54, 5949-5953.	6.4	25
79	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
80	Effects of Iron on Extracellular and Intracellular Growth of Penicillium marneffei. Infection and Immunity, 2000, 68, 1724-1726.	2.2	24
81	Phagocytosis of Hemozoin (Native and Synthetic Malaria Pigment), and Plasmodium falciparum Intraerythrocyte-Stage Parasites by Human and Mouse Phagocytes. Ultrastructural Pathology, 2000, 24, 9-13.	0.9	23
82	Damicoside from Axinella damicornis:â€‰ The Influence of a Glycosylated Galactose 4-OH Group on the Immunostimulatory Activity of Î±-Galactoglycosphingolipids. Journal of Medicinal Chemistry, 2005, 48, 7411-7417.	6.4	23
83	Novel Antimalarial Aminoquinolines: Heme Binding and Effects on Normal or Plasmodium falciparum -Parasitized Human Erythrocytes. Antimicrobial Agents and Chemotherapy, 2009, 53, 4339-4344.	3.2	23
84	Autologous cellular immune response to primary and metastatic human melanomas and its regulation by DR antigens expressed on tumor cells. Cancer and Metastasis Reviews, 1985, 4, 7-26.	5.9	22
85	In vitro activity of artemisone and artemisinin derivatives against extracellular and intracellular Helicobacter pylori. International Journal of Antimicrobial Agents, 2016, 48, 101-105.	2.5	22
86	Macrophage populations of different origins have distinct susceptibilities to lipid peroxidation induced by Î²-haematin (malaria pigment). FEBS Letters, 1998, 433, 215-218.	2.8	21
87	Endoperoxide polyketides from a Chinese Plakortis simplex: Further evidence of the impact of stereochemistry on antimalarial activity of simple 1,2-dioxanes. Bioorganic and Medicinal Chemistry, 2014, 22, 4572-4580.	3.0	20
88	Involvement of Nod2 in the innate immune response elicited by malarial pigment hemozoin. Microbes and Infection, 2015, 17, 184-194.	1.9	20
89	Clofazimine analogs with antileishmanial and antiplasmodial activity. Bioorganic and Medicinal Chemistry, 2015, 23, 55-65.	3.0	20
90	Differential induction of malaria liver pathology in mice infected with Plasmodium chabaudi AS or Plasmodium berghei NK65. Malaria Journal, 2018, 17, 18.	2.3	19

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91	Development of piperazine-tethered heterodimers as potent antimalarials against chloroquine-resistant P. falciparum strains. Synthesis and molecular modeling. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3535-3539.	2.2	18
92	Experimental Results on Chloroquine and AIDS-Related Opportunistic Infections. Journal of Acquired Immune Deficiency Syndromes (1999), 2001, 26, 300-301.	2.1	18
93	Inhibition of Intramacrophage Growth of Penicillium marneffei by 4-Aminoquinolines. Antimicrobial Agents and Chemotherapy, 2001, 45, 1450-1455.	3.2	17
94	A New Class of Antimalarial Dioxanes Obtained through a Simple Two-Step Synthetic Approach: Rational Design and Structureâ€“Activity Relationship Studies. Journal of Medicinal Chemistry, 2011, 54, 8526-8540.	6.4	17
95	Antiplasmodial and anti-inflammatory activities of Canthium henriquesianum (K. Schum), a plant used in traditional medicine in Burkina Faso. Journal of Ethnopharmacology, 2013, 148, 763-769.	4.1	17
96	Atovaquoneâ€Statine â€œDoubleâ€Drugsâ€•with High Antiplasmodial Activity. ChemMedChem, 2008, 3, 418-420	3.2	16
97	CRIMALDDI: platform technologies and novel anti-malarial drug targets. Malaria Journal, 2013, 12, 396.	2.3	15
98	Optimized Synthesis and Antimalarial Activity of 1,2â€Dioxaneâ€4â€carboxamides. European Journal of Organic Chemistry, 2014, 2014, 1607-1614.	2.4	15
99	Synthesis and Antiplasmodial Activity of Novel Chloroquine Analogues with Bulky Basic Side Chains. ChemMedChem, 2015, 10, 1570-1583.	3.2	15
100	Modified quaternary ammonium salts as potential antimalarial agents. Bioorganic and Medicinal Chemistry, 2015, 23, 4681-4687.	3.0	15
101	Facile Preparation of N-Glycosylated 10-Piperazinyl Artemisinin Derivatives and Evaluation of Their Antimalarial and Cytotoxic Activities. Molecules, 2018, 23, 1713.	3.8	15
102	Design, Synthesis and In Vitro Investigation of Novel Basic Celastrol Carboxamides as Bio-Inspired Leishmanicidal Agents Endowed with Inhibitory Activity against Leishmania Hsp90. Biomolecules, 2021, 11, 56.	4.0	14
103	Identification of a potent and selective gametocytocidal antimalarial agent from the stem barks of Lophira lanceolata. Bioorganic Chemistry, 2019, 93, 103321.	4.1	13
104	Bridged bicyclic 2,3-dioxabicyclo[3.3.1]nonanes as antiplasmodial agents: Synthesis, structure-activity relationships and studies on their biomimetic reaction with Fe(II). Bioorganic Chemistry, 2019, 89, 103020.	4.1	13
105	Altered Lipid Composition of Surfactant and Lung Tissue in Murine Experimental Malaria-Associated Acute Respiratory Distress Syndrome. PLoS ONE, 2015, 10, e0143195.	2.5	13
106	Further optimization of plakortin pharmacophore: Structurally simple 4-oxymethyl-1,2-dioxanes with promising antimalarial activity. European Journal of Medicinal Chemistry, 2013, 70, 875-886.	5.5	12
107	Malaria pigment stimulates chemokine production by human microvascular endothelium. Acta Tropica, 2017, 172, 125-131.	2.0	12
108	In Vivo and In Vitro Activities and ADME-Tox Profile of a Quinolizidine-Modified 4-Aminoquinoline: A Potent Anti-P. falciparum and Anti-P. vivax Blood-Stage Antimalarial. Molecules, 2017, 22, 2102.	3.8	12

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109	Leishmania infantum infection reduces the amyloid Î²42-stimulated NLRP3 inflammasome activation. Brain, Behavior, and Immunity, 2020, 88, 597-605.	4.1	12
110	Inhibition of Human Melanoma Growth in Nude Mice by Autologous, Alloactivated Peripheral Blood Lymphocytes. Tumori, 1984, 70, 35-39.	1.1	11
111	1-40 ?-amyloid protein fragment modulates the expression of CD44 and CD71 on the astrocytoma cell line in the presence of IL1? and TNF?. Journal of Cellular Physiology, 2003, 196, 190-195.	4.1	11
112	Synthesis and comparison of antiplasmodial activity of (+), (â^') and racemic 7-chloro-4-(N-lupinyl)aminoquinoline. Bioorganic and Medicinal Chemistry, 2012, 20, 5980-5985.	3.0	11
113	Endothelin-1 production by a microvascular endothelial cell line treated with Plasmodium falciparum parasitized red blood cells. Clinical Science, 2002, 103, 464S-466S.	4.3	10
114	Anti-plasmodial activity of Ailanthus excelsa. FÃ¬toterapÃ¬Ã¢, 2008, 79, 112-116.	2.2	10
115	Synthesis, antimalarial activity, and cellular toxicity of new arylpyrrolylaminoquinolines. Bioorganic and Medicinal Chemistry, 2010, 18, 6625-6633.	3.0	10
116	The Lipid Moiety of Haemozoin (Malaria Pigment) andP. falciparumParasitised Red Blood Cells Bind Synthetic and Native Endothelin-1. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-9.	3.0	10
117	Inhibition of metalloproteinase-9 secretion and gene expression by artemisinin derivatives. Acta Tropica, 2014, 140, 77-83.	2.0	10
118	Antiplasmodial activity of triterpenes isolated from the methanolic leaf extract of Combretum racemosum P. Beauv. Journal of Ethnopharmacology, 2020, 247, 112203.	4.1	10
119	Experimental Results on Chloroquine and AIDS-Related Opportunistic Infections. Journal of Acquired Immune Deficiency Syndromes (1999), 2001, 26, 300-301.	2.1	10
120	Total Synthesis of the Natural Chalcone Lophirone E, Synthetic Studies toward Benzofuran and Indole-Based Analogues, and Investigation of Anti-Leishmanial Activity. Molecules, 2022, 27, 463.	3.8	10
121	Antiplasmodial activities of 4-aminoquinolineâ€“statine compounds. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5915-5918.	2.2	9
122	Safety of Artemisinin Derivatives in the First Trimester of Pregnancy: A Controversial Story. Molecules, 2020, 25, 3505.	3.8	9
123	RNA synthesis in activated macrophages I. Poly(I) Â· poly(C)-induced triggering of cytolytic activity is associated with decrease in RNA synthesis. European Journal of Immunology, 1983, 13, 959-964.	2.9	8
124	Lack of suppressive activity of human primary melanoma cells on the activation of autologous lymphocytes. Cancer Immunology, Immunotherapy, 1988, 26, 61-6.	4.2	8
125	Lymphokines inhibit macrophage RNA synthesis. Cellular Immunology, 1984, 84, 51-64.	3.0	7
126	Phagocytosis and activation of bone marrowâ€derived macrophages by Plasmodium falciparum gametocytes. Malaria Journal, 2021, 20, 81.	2.3	7

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127	In Vitro SARS-CoV-2 Infection of Microvascular Endothelial Cells: Effect on Pro-Inflammatory Cytokine and Chemokine Release. International Journal of Molecular Sciences, 2022, 23, 4063.	4.1	7
128	Regulation of human erythrocyte glyceraldehyde-3-phosphate dehydrogenase by ferriprotoporphyrin IX. FEBS Letters, 2005, 579, 5095-5099.	2.8	6
129	Modulation of glyceraldehyde 3 phosphate dehydrogenase activity and tyr-phosphorylation of Band 3 in human erythrocytes treated with ferriprotoporphyrin IX. Biochemical Pharmacology, 2007, 74, 1383-1389.	4.4	6
130	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
131	In vitro Multistage Malaria Transmission Blocking Activity of Selected Malaria Box Compounds . Drug Design, Development and Therapy, 2020, Volume 14, 1593-1607.	4.3	6
132	Development of Potent 3-Br-isoxazoline-Based Antimalarial and Antileishmanial Compounds. ACS Medicinal Chemistry Letters, 2021, 12, 1726-1732.	2.8	6
133	Discovery and Pharmacophore Mapping of a Lowâ€Nanomolar Inhibitor of P. falciparum Growth. ChemMedChem, 2019, 14, 1982-1994.	3.2	5
134	Malaria pigment accelerates MTT â€“ formazan exocytosis in human endothelial cells. Parasitology, 2019, 146, 399-406.	1.5	5
135	Synthesis and biological evaluation of benzhydryl-based antiplasmodial agents possessing Plasmodium falciparum chloroquine resistance transporter (PfCRT) inhibitory activity. European Journal of Medicinal Chemistry, 2021, 215, 113227.	5.5	5
136	In Vitro Activity of the Arylaminoartemisinin GC012 against Helicobacter pylori and Its Effects on Biofilm. Pathogens, 2022, 11, 740.	2.8	4
137	Leishmania Promastigotes Enhance Neutrophil Recruitment through the Production of CXCL8 by Endothelial Cells. Pathogens, 2021, 10, 1380.	2.8	3
138	Synthesis, Molecular Docking and Antiplasmodial Activities of New Tetrahydro-Î²-Carbolines. International Journal of Molecular Sciences, 2021, 22, 13569.	4.1	3
139	Role of Bacterial Lipopolysaccharide and Lymphokine in the Regulation of Macrophage Activation: Correlates between Secretion of Plasminogen Activator and Tumor Lysis. Immunobiology, 1984, 166, 410-427.	1.9	2
140	Two complementary fluorimetric assays for the determination of aminoquinoline binding and uptake by human erythrocytes in vitro. Analytical Biochemistry, 2009, 385, 371-373.	2.4	2
141	Search for structurally diverse heterocyclic analogs as dual-acting antimalarial and antileishmanial agents: An overview. European Journal of Medicinal Chemistry Reports, 2022, 4, 100031.	1.4	2
142	Antiparasitic Drugs against SARS-CoV-2: A Comprehensive Literature Survey. Microorganisms, 2022, 10, 1284.	3.6	2
143	Opening Opportunities for New Drugs Against Neglected Diseases. ChemMedChem, 2008, 3, 371-373.	3.2	0
144	A rapid spectrophotometric method to identify inhibitors of human erythropoiesis. Journal of Pharmacological and Toxicological Methods, 2022, 113, 107134.	0.7	0