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List of Publications by Year
in descending order

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36 papers	1,279 citations	430874 18 h-index	361022 35 g-index
41 all docs	41 docs citations	41 times ranked	1136 citing authors

#	Article	IF	Citations
1	Stereoselective total synthesis of (+)-artemisinin, the antimalarial constituent of Artemisia annua L. Journal of the American Chemical Society, 1992, 114, 974-979.	13.7	246
2	Structure-activity relationships of the antimalarial agent artemisinin. 1. Synthesis and comparative molecular field analysis of C-9 analogs of artemisinin and 10-deoxoartemisinin. Journal of Medicinal Chemistry, 1993, 36, 4264-4275.	6.4	97
3	Structureâ^'Activity Relationships of the Antimalarial Agent Artemisinin. 8. Design, Synthesis, and CoMFA Studies toward the Development of Artemisinin-Based Drugs against Leishmaniasis and Malariaâ€. Journal of Medicinal Chemistry, 2003, 46, 4244-4258.	6.4	97
4	Structureâ^'Activity Relationships of the Antimalarial Agent Artemisinin. 5. Analogs of 10-Deoxoartemisinin Substituted at C-3 and C-9. Journal of Medicinal Chemistry, 1996, 39, 4149-4155.	6.4	78
5	Structureâ^'Activity Relationships of the Antimalarial Agent Artemisinin. 6. The Development of Predictive In Vitro Potency Models Using CoMFA and HQSAR Methodologies. Journal of Medicinal Chemistry, 2002, 45, 292-303.	6.4	78
6	Structureâ^'Activity Relationships of the Antimalarial Agent Artemisinin. 3. Total Synthesis of (+)-13-Carbaartemisinin and Related Tetra- and Tricyclic Structures. Journal of Medicinal Chemistry, 1996, 39, 1885-1897.	6.4	77
7	Structureâ^'Activity Relationships of the Antimalarial Agent Artemisinin. 7. Direct Modification of (+)-Artemisinin and In Vivo Antimalarial Screening of New, Potential Preclinical Antimalarial Candidates. Journal of Medicinal Chemistry, 2002, 45, 4321-4335.	6.4	75
8	Structureâ^'Activity Relationships of the Antimalarial Agent Artemisinin. 4. Effect of Substitution at C-3. Journal of Medicinal Chemistry, 1996, 39, 2900-2906.	6.4	62
9	Structure-Activity Relationships of the Antimalarial Agent Artemisinin. 2. Effect of Heteroatom Substitution at O-11: Synthesis and Bioassay of N-Alkyl-11-aza-9-desmethylartemisinins. Journal of Medicinal Chemistry, 1995, 38, 5038-5044.	6.4	59
10	Synthesis, conformational analysis, and antimalarial activity of tricyclic analogs of artemisinin. Tetrahedron, 1994, 50, 957-972.	1.9	58
11	Recent Developments in the Syntheses of the Epothilones and Related Analogues. European Journal of Organic Chemistry, 2006, 2006, 4071-4084.	2.4	38
12	Click chemistry decoration of amino sterols as promising strategy to developed new leishmanicidal drugs. Steroids, 2014, 79, 28-36.	1.8	32
13	Comparison of 3D quantitative structure-activity relationship methods: analysis of the in vitro antimalarial activity of 154 artemisinin analogues by hypothetical active-site lattice and comparative molecular field analysis. Journal of Computer-Aided Molecular Design, 1998, 12, 165-181.	2.9	30
14	Design and Synthesis of Heterocyclic Hydroxamic Acid Derivatives as Inhibitors ofHelicobacterpyloriUrease. Synthetic Communications, 2003, 33, 1977-1995.	2.1	29
15	Biotransformation of 10-deoxoartemisinin to its 7Î²-hydroxy derivative by Mucor ramannianus. Biotechnology Letters, 2002, 24, 937-941.	2.2	24
16	Design, synthesis and biological evaluation of novel benzothiazole and triazole analogs as falcipain inhibitors. MedChemComm, 2011, 2, 1201.	3.4	23
17	Biocatalysis of the Antimalarial Artemisinin byMucor ramannianus. Strains. Pharmaceutical Biology, 2005, 43, 579-582.	2.9	22
18	Design, Synthesis and Evaluation of Trisubstituted Thiazoles Targeting Plasmodium Falciparum Cysteine Proteases. Medicinal Chemistry Research, 2005, 14, 74-105.	2.4	19

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19	Synthesis, biological evaluation, hydration site thermodynamics, and chemical reactivity analysis of Î±-keto substituted peptidomimetics for the inhibition of Plasmodium falciparum. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1274-1279.	2.2	16
20	Deuterated antimalarials: Synthesis of trideutero-artemisinin, dihydroartemisinin, and arteether. Journal of Labelled Compounds and Radiopharmaceuticals, 1996, 38, 249-254.	1.0	12
21	Radiolabeled antimalarials: Synthesis of 14C-artemisinin. Journal of Labelled Compounds and Radiopharmaceuticals, 1996, 38, 263-267.	1.0	12
22	Synthesis of New Î²-Lactam Analogs and Evaluation of Their Histone Deacetylase (HDAC) Activity. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 1459-1464.	0.7	12
23	Conjugate Addition of a Cyano-Gilman Cuprate to an Acrylic Acid: Homologation of Artemisinic Acid and Subsequent Conversion to 16-Butylartemisinin. Synthetic Communications, 1998, 28, 1555-1562.	2.1	11
24	Design, synthesis, and docking studies of telmisartan analogs for the treatment of metabolic syndrome. Medicinal Chemistry Research, 2009, 18, 611-628.	2.4	11
25	Design, synthesis, and docking studies of novel telmisartanâ€“glitazone hybrid analogs for the treatment of metabolic syndrome. Medicinal Chemistry Research, 2009, 18, 589-610.	2.4	9
26	Terpenes from Eunicea Laciniata and Plexaurella Nutans. Journal of Chemical Research, 2006, 2006, 165-167.	1.3	8
27	Structural Characterization of Vivapain-2 and Vivapain-3, Cysteine Proteases fromPlasmodium vivax: Comparative Protein Modeling and Docking Studies. Journal of Biomolecular Structure and Dynamics, 2004, 21, 781-790.	3.5	6
28	A pharmacokinetic comparison of homodimer ARB-92 and heterodimer ARB-89: novel, potent antimalarial candidates derived from 7Î²-hydroxyartemisinin. Journal of Pharmaceutical Investigation, 2018, 48, 585-593.	5.3	6
29	Structureâ€“Activity Relationships of the Antimalarial Agent Artemisinin 10. Synthesis and Antimalarial Activity of Enantiomers of rac-5Î²-Hydroxy-d-Secoartemisinin and Analogs: Implications Regarding the Mechanism of Action. Molecules, 2021, 26, 4163.	3.8	6
30	A Simple Synthesis of 4-Substituted 2-(3-Hydroxy-2-oxo-1-phenethylpropylcarbamoyl) pyrrolidine-1-carboxylic Acid Benzyl Esters as Novel Cysteine Protease Inhibitors. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 210-216.	0.7	3
31	Convenient Synthesis and Evaluation of Biological Activity of Benzyl (2S)-2-[(R)-1-hydroxy-2-oxo-(1-phenethyl)prop-3-ylcarbamoyl]- 4-oxopiperidine- (or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 T Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 1300-1304.	0.7	3
32	Synthesis and biological evaluation of a novel anti-malarial lead. Medicinal Chemistry Research, 2011, 20, 401-407.	2.4	3
33	Identification of a new small molecule chemotype of Melanin Concentrating Hormone Receptor-1 antagonists using pharmacophore-based virtual screening. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126741.	2.2	3
34	Selective Inhibition of Plasmodium falciparum ATPase 6 by Artemisinins and Identification of New Classes of Inhibitors after Expression in Yeast. Antimicrobial Agents and Chemotherapy, 2022, , e0207921.	3.2	2
35	Solid-Supported Parallel Synthesis of Hydroxybenzylamine Libraries Possessing Antileishmial Activity. Medicinal Chemistry Research, 2005, 14, 332-346.	2.4	1
36	LC Determination of a Novel Synthetic Thiazolidinedione (BP-1107) in Rat Plasma and Its Application to a Pharmacokinetic Study. Chromatographia, 2008, 68, 551-555.	1.3	1