

# Francisca C Lopes

## List of Publications by Year in descending order

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39  
papers

1,073  
citations

430874

18  
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395702

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docs citations

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times ranked

1637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Evaluation and Mechanistic Studies of Quinolin-(1 H)-Imines as a New Chemotype against Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0151320.	3.2	1
2	Addressing Latent Tuberculosis: New Advances in Mimicking the Disease, Discovering Key Targets, and Designing Hit Compounds. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8854.	4.1	9
3	Novel and Modified Neutrophil Elastase Inhibitor Loaded in Topical Formulations for Psoriasis Management. <i>Pharmaceutics</i> , 2020, 12, 358.	4.5	19
4	Azaaurones as Potent Antimycobacterial Agents Active against MDR and XDR TB. <i>ChemMedChem</i> , 2019, 14, 1537-1546.	3.2	19
5	An Overview of Drug Resistance in Protozoal Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5748.	4.1	109
6	Drug discovery in tuberculosis. New drug targets and antimycobacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 525-545.	5.5	92
7	Endoperoxide-8-aminoquinoline hybrids as dual-stage antimalarial agents with enhanced metabolic stability. <i>European Journal of Medicinal Chemistry</i> , 2018, 149, 69-78.	5.5	30
8	1.2 Designing Covalent Inhibitors: A Medicinal Chemistry Challenge. , 2015, , 44-60.		2
9	From hybrid compounds to targeted drug delivery in antimalarial therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5120-5130.	3.0	38
10	Tetraoxane-Pyrimidine Nitrile Hybrids as Dual Stage Antimalarials. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4916-4923.	6.4	43
11	Antiplasmodial Drugs in the Gas Phase: A CID and DFT Study of Quinolon-4(1H)-Imine Derivatives. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1650-1661.	2.8	2
12	Novel Endoperoxide-Based Transmission-Blocking Antimalarials with Liver- and Blood-Schizontocidal Activities. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 108-112.	2.8	40
13	Exploring the Molecular Basis of Q <sub>o</sub> bc <sub>1</sub> Complex Inhibitors Activity to Find Novel Antimalarials Hits. <i>Molecular Informatics</i> , 2013, 32, 659-670.	2.5	11
14	An Endoperoxide-Based Hybrid Approach to Deliver Falcipain Inhibitors Inside Malaria Parasites. <i>ChemMedChem</i> , 2013, 8, 1528-1536.	3.2	32
15	Structural Optimization of Quinolon-4(1H)-imines as Dual-Stage Antimalarials: Toward Increased Potency and Metabolic Stability. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7679-7690.	6.4	14
16	Quinolin-4(1H)-imines are Potent Antiplasmodial Drugs Targeting the Liver Stage of Malaria. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4811-4815.	6.4	21
17	Flavones as isosteres of 4(1H)-quinolones: Discovery of ligand efficient and dual stage antimalarial lead compounds. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 872-880.	5.5	13
18	Targeting the Liver Stage of Malaria Parasites: A Yet Unmet Goal. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 995-1012.	6.4	73

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19	Microwave-Assisted Wittig Reaction of Semistabilized Nitro-Substituted Benzyltriphenyl-Phosphorous Ylides with Aldehydes in Phase-Transfer Conditions. <i>Synthetic Communications</i> , 2012, 42, 747-755.	2.1	5
20	Identification of new antimalarial leads by use of virtual screening against cytochrome bc <sub>1</sub> . <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6302-6308.	3.0	10
21	A quantum mechanical study of novel potential inhibitors of cytochrome bc <sub>1</sub> as antimalarial compounds. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 1196-1207.	2.0	16
22	New hope in the fight against malaria?. <i>Future Medicinal Chemistry</i> , 2011, 3, 1-3.	2.3	31
23	Design and Evaluation of Primaquine-Artemisinin Hybrids as a Multistage Antimalarial Strategy. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4698-4706.	3.2	65
24	Inhibitors of the Mitochondrial Electron Transport Chain and de novo Pyrimidine Biosynthesis as Antimalarials: The Present Status. <i>Current Medicinal Chemistry</i> , 2010, 17, 929-956.	2.4	43
25	Artemisinin-dipeptidyl vinyl sulfone hybrid molecules: Design, synthesis and preliminary SAR for antiplasmodial activity and falcipain-2 inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3229-3232.	2.2	49
26	Design, synthesis and structure-activity relationships of (1H-pyridin-4-ylidene)amines as potential antimalarials. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3476-3480.	2.2	29
27	Bis{(E)-3-[(diethylmethylammonio)methyl]-N-[3-(N,N-dimethylsulfamoyl)-1-methylpyridin-4-ylidene]-4-methyltetraiodide pentahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o283-o284.	0.2	4
28	Unanticipated Acyloxymethylation of Sumatriptan Indole Nitrogen Atom and its Implications in Prodrug Design. <i>Archiv Der Pharmazie</i> , 2008, 341, 344-350.	4.1	2
29	Reactivity of imidazolidin-4-one derivatives of primaquine: implications for prodrug design. <i>Tetrahedron</i> , 2006, 62, 9883-9891.	1.9	28
30	Amidomethylation of Amodiaquine: Antimalarial N-Mannich Base Derivatives.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
31	Imidazolidin-4-one Derivatives of Primaquine as Novel Transmission-Blocking Antimalarials. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 888-892.	6.4	78
32	Amidomethylation of amodiaquine: antimalarial N-Mannich base derivatives. <i>Tetrahedron Letters</i> , 2004, 45, 7663-7666.	1.4	49
33	Kinetics and mechanism of hydrolysis of N-amidomethylsulfonamides. <i>Perkin Transactions II RSC</i> , 2001, , 749-753.	1.1	11
34	Acyloxymethyl as a drug protecting group. Part 6. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 707-716.	3.0	19
35	Acyloxymethyl as a drug protecting group. Part 7: Tertiary sulfonamidomethyl ester prodrugs of benzylpenicillin: chemical hydrolysis and anti-bacterial activity. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 1629-1636.	3.0	5
36	Acyloxymethyl as a drug protecting group. Part 5.1 Kinetics and mechanism of the hydrolysis of tertiary N-acyloxymethylsulfonamides. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 431-440.	0.9	10

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37	Acyloxymethyl as a drug protecting group. Synthesis and reactivity of N-acyloxymethylsulfonamide prodrugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995, 5, 937-940.	2.2	7
38	Liposomal l-asparaginase: in vitro evaluation. <i>International Journal of Pharmaceutics</i> , 1993, 96, 67-77.	5.2	42
39	Contribution of Mass Spectrometry to the Study of Antimalarial Agents. , 0, , .		2