Louis Jrm Maes

List of Publications by Year
in descending order

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270 papers	9,450 citations	53794 45 h-index	58581 82 g-index
279 all docs	279 docs citations	279 times ranked	11859 citing authors

#	Article	IF	Citations
1	Anti-infective potential of natural products: How to develop a stronger in vitro â€˜proof-of-conceptâ€™. Journal of Ethnopharmacology, 2006, 106, 290-302.	4.1	1,142
2	Quorum Sensing Inhibitors Increase the Susceptibility of Bacterial Biofilms to Antibiotics In Vitro and In Vivo. Antimicrobial Agents and Chemotherapy, 2011, 55, 2655-2661.	3.2	459
3	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. PLoS Pathogens, 2016, 12, e1005763.	4.7	244
4	In Vitro Susceptibilities of Leishmania donovani Promastigote and Amastigote Stages to Antileishmanial Reference Drugs: Practical Relevance of Stage-Specific Differences. Antimicrobial Agents and Chemotherapy, 2009, 53, 3855-3859.	3.2	204
5	Leishmaniaâ€“macrophage interactions: Insights into the redox biology. Free Radical Biology and Medicine, 2011, 51, 337-351.	2.9	201
6	Extended Structureâ€“Activity Relationship and Pharmacokinetic Investigation of (4-Quinolinoyl)glycyl-2-cyanopyrrolidine Inhibitors of Fibroblast Activation Protein (FAP). Journal of Medicinal Chemistry, 2014, 57, 3053-3074.	6.4	169
7	Selective Inhibitors of Fibroblast Activation Protein (FAP) with a (4-Quinolinoyl)-glycyl-2-cyanopyrrolidine Scaffold. ACS Medicinal Chemistry Letters, 2013, 4, 491-496.	2.8	153
8	Advancing Drug Innovation for Neglected Diseasesâ€”Criteria for Lead Progression. PLoS Neglected Tropical Diseases, 2009, 3, e440.	3.0	152
9	Evolutionary genomics of epidemic visceral leishmaniasis in the Indian subcontinent. ELife, 2016, 5, .	6.0	147
10	Antimalarial, Antitrypanosomal, and Antileishmanial Activities and Cytotoxicity of Bis(9-amino-6-chloro-2-methoxyacridines):â€‰ Influence of the Linker. Journal of Medicinal Chemistry, 2000, 43, 2646-2654.	6.4	131
11	Synthesis, Cytotoxicity, and Antiplasmodial and Antitrypanosomal Activity of New Neocryptolepine Derivatives. Journal of Medicinal Chemistry, 2002, 45, 3497-3508.	6.4	129
12	A Prodrug Form of a Plasmodium falciparum Glutathione Reductase Inhibitor Conjugated with a 4-Anilinoquinoline. Journal of Medicinal Chemistry, 2001, 44, 4268-4276.	6.4	128
13	Synthesis and in Vitro and in Vivo Antimalarial Activity of N-(7-Chloro-4-quinolyl)-1,4-bis(3-aminopropyl)piperazine Derivatives. Journal of Medicinal Chemistry, 2003, 46, 542-557.	6.4	113
14	Structure-Activity Relationship of Cinnamaldehyde Analogs as Inhibitors of AI-2 Based Quorum Sensing and Their Effect on Virulence of Vibrio spp. PLoS ONE, 2011, 6, e16084.	2.5	107
15	Antiparasitic Activity of Some Xanthones and Biflavonoids from the Root Bark ofGarcinia livingstonei#. Journal of Natural Products, 2006, 69, 369-372.	3.0	100
16	Plant Substances as Anti-HIV Agents Selected According to Their Putative Mechanism of ActionâŠ¥. Journal of Natural Products, 2004, 67, 284-293.	3.0	94
17	Plant-Derived Leading Compounds for Chemotherapy of Human Immunodefiency Virus (HIV) Infection â€“ An Update (1998â€Šâ€“â€Š2007). Planta Medica, 2008, 74, 1323-1337.	1.3	91
18	Essential oil from Chenopodium ambrosioides and main components: Activity against Leishmania, their mitochondria and other microorganisms. Experimental Parasitology, 2014, 136, 20-26.	1.2	91

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19	In Vitro and In Vivo Activities of a Triterpenoid Saponin Extract (PX-6518) from the Plant Maesa balansae against Visceral Leishmania Species. Antimicrobial Agents and Chemotherapy, 2004, 48, 130-136.	3.2	90
20	In Vitro Sensitivity Testing of Leishmania Clinical Field Isolates: Preconditioning of Promastigotes Enhances Infectivity for Macrophage Host Cells. Antimicrobial Agents and Chemotherapy, 2009, 53, 5197-5203.	3.2	80
21	Discovery of Novel, Drug-Like Ferroptosis Inhibitors with in Vivo Efficacy. Journal of Medicinal Chemistry, 2018, 61, 10126-10140.	6.4	80
22	Genomic and Molecular Characterization of Miltefosine Resistance in Leishmania infantum Strains with Either Natural or Acquired Resistance through Experimental Selection of Intracellular Amastigotes. PLoS ONE, 2016, 11, e0154101.	2.5	80
23	In Vitro and in Vivo Anti-Leishmanial Activity of Triterpenoid Saponins Isolated from Maesa balansae and Some Chemical Derivatives. Journal of Medicinal Chemistry, 2005, 48, 32-37.	6.4	75
24	Linking In Vitro and In Vivo Survival of Clinical Leishmania donovani Strains. PLoS ONE, 2010, 5, e12211.	2.5	70
25	Synthesis and Antiplasmodial Activity of Aminoalkylamino-Substituted Neocryptolepine Derivatives. Journal of Medicinal Chemistry, 2009, 52, 2979-2988.	6.4	69
26	Antimalarial versus Cytotoxic Properties of Dual Drugs Derived From 4-Aminoquinolines and Mannich Bases: Interaction with DNA. Journal of Medicinal Chemistry, 2010, 53, 3214-3226.	6.4	69
27	Structureâ€“activity relationship of antiparasitic and cytotoxic indoloquinoline alkaloids, and their tricyclic and bicyclic analogues. Bioorganic and Medicinal Chemistry, 2009, 17, 7209-7217.	3.0	66
28	Antitrypanosomal Activity of 1,2-Dihydroquinolin-6-ols and Their Ester Derivatives. Journal of Medicinal Chemistry, 2010, 53, 966-982.	6.4	66
29	Antimalarial activity and toxicity evaluation of a quantified Nauclea pobeguinii extract. Journal of Ethnopharmacology, 2010, 131, 10-16.	4.1	61
30	In vitro antiplasmodial, antileishmanial and antitrypanosomal activities of selected medicinal plants used in the traditional Arabian Peninsular region. BMC Complementary and Alternative Medicine, 2012, 12, 49.	3.7	61
31	Phytochemical, Antimicrobial and Antiprotozoal Evaluation of Garcinia Mangostana Pericarp and Î±-Mangostin, Its Major Xanthone Derivative. Molecules, 2013, 18, 10599-10608.	3.8	61
32	Synthesis and in Vitro and in Vivo Antimalarial Activity of New 4-Anilinoquinolines. Journal of Medicinal Chemistry, 2001, 44, 2827-2833.	6.4	58
33	In Vitro activities of plant extracts from Saudi Arabia against malaria, leishmaniasis, sleeping sickness and Chagas disease. Phytotherapy Research, 2010, 24, 1322-1328.	5.8	57
34	Drug to Genome to Drug: Discovery of New Antiplasmodial Compounds. Journal of Medicinal Chemistry, 2011, 54, 3222-3240.	6.4	57
35	Repurposing of the Open Access Malaria Box for Kinetoplastid Diseases Identifies Novel Active Scaffolds against Trypanosomatids. Journal of Biomolecular Screening, 2015, 20, 634-645.	2.6	57
36	Antiplasmodial and other constituents from four Indonesian Garcinia spp.. Phytochemistry, 2009, 70, 907-912.	2.9	56

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37	Reverse Fosmidomycin Derivatives against the Antimalarial Drug Target IspC (Dxr). Journal of Medicinal Chemistry, 2011, 54, 6796-6802.	6.4	55
38	Study of the in Vitro Antiplasmodial, Antileishmanial and Antitrypanosomal Activities of Medicinal Plants from Saudi Arabia. Molecules, 2012, 17, 11379-11390.	3.8	53
39	Novel Amino-pyrazole Ureas with Potent In Vitro and In Vivo Antileishmanial Activity. Journal of Medicinal Chemistry, 2015, 58, 9615-9624.	6.4	52
40	Antimonial Resistance in Leishmania donovani Is Associated with Increased In Vivo Parasite Burden. PLoS ONE, 2011, 6, e23120.	2.5	52
41	Integrated Dataset of Screening Hits against Multiple Neglected Disease Pathogens. PLoS Neglected Tropical Diseases, 2011, 5, e1412.	3.0	50
42	Catechol Pyrazolinones as Trypanocidals: Fragment-Based Design, Synthesis, and Pharmacological Evaluation of Nanomolar Inhibitors of Trypanosomal Phosphodiesterase B1. Journal of Medicinal Chemistry, 2012, 55, 8745-8756.	6.4	50
43	Synthesis and evaluation of the quorum sensing inhibitory effect of substituted triazolyldihydrofuranones. Bioorganic and Medicinal Chemistry, 2012, 20, 4737-4743.	3.0	50
44	Validation of a simple resazurin-based promastigote assay for the routine monitoring of miltefosine susceptibility in clinical isolates of Leishmania donovani. Parasitology Research, 2013, 112, 825-828.	1.6	50
45	Antiplasmodial activity of (I-3,II-3)-biflavonoids and other constituents from Ormocarpum kirkii. Phytochemistry, 2010, 71, 785-791.	2.9	49
46	Combining tubercidin and cordycepin scaffolds results in highly active candidates to treat late-stage sleeping sickness. Nature Communications, 2019, 10, 5564.	12.8	49
47	In vitro anti-microbial activity of the Cuban medicinal plants Simarouba glauca DC, Melaleuca leucadendron L and Artemisia absinthium L. Memorias Do Instituto Oswaldo Cruz, 2008, 103, 615-618.	1.6	48
48	In vitro antimicrobial assessment of Cuban propolis extracts. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 978-984.	1.6	48
49	A new quantitative in vitro microculture method for Giardia duodenalis trophozoites. Journal of Microbiological Methods, 2007, 71, 101-106.	1.6	47
50	7-Substituted 2-Nitro-5,6-dihydroimidazo[2,1-b][1,3]oxazines: Novel Antitubercular Agents Lead to a New Preclinical Candidate for Visceral Leishmaniasis. Journal of Medicinal Chemistry, 2017, 60, 4212-4233.	6.4	47
51	Comparative Activities of the Triterpene Saponin Maesabalide III and Liposomal Amphotericin B (AmBisome) against Leishmania donovani in Hamsters. Antimicrobial Agents and Chemotherapy, 2004, 48, 2056-2060.	3.2	46
52	Synthesis and Evaluation of Î±-Halogenated Analogues of 3-(Acetylhydroxyamino)propylphosphonic Acid (FR900098) as Antimalarials. Journal of Medicinal Chemistry, 2010, 53, 5342-5346.	6.4	46
53	In vitro and in vivo activity of major constituents from Pluchea carolinensis against Leishmania amazonensis. Parasitology Research, 2014, 113, 2925-2932.	1.6	46
54	In Vitro Evaluation of Portuguese Propolis and Floral Sources for Antiprotozoal, Antibacterial and Antifungal Activity. Phytotherapy Research, 2014, 28, 437-443.	5.8	46

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55	Repositioning Antitubercular 6-Nitro-2,3-dihydroimidazo[2,1-b][1,3]oxazoles for Neglected Tropical Diseases: Structureâ€“Activity Studies on a Preclinical Candidate for Visceral Leishmaniasis. Journal of Medicinal Chemistry, 2016, 59, 2530-2550.	6.4	46
56	Screening of Agelasine D and Analogs for Inhibitory Activity against Pathogenic Protozoa; Identification of Hits for Visceral Leishmaniasis and Chagas Disease. Molecules, 2009, 14, 279-288.	3.8	45
57	Trypanothione reductase inhibition/trypanocidal activity relationships in a 1,4-bis(3-aminopropyl)piperazine series. Bioorganic and Medicinal Chemistry, 2000, 8, 95-103.	3.0	44
58	Antiplasmodial Activity and Cytotoxicity of Bis-, Tris-, and Tetraquinolines with Linear or Cyclic Amino Linkers. Journal of Medicinal Chemistry, 2001, 44, 1658-1665.	6.4	43
59	Experimental Induction of Paromomycin Resistance in Antimony-Resistant Strains of L. donovani: Outcome Dependent on In Vitro Selection Protocol. PLoS Neglected Tropical Diseases, 2012, 6, e1664.	3.0	42
60	Development of (6R)-2-Nitro-6-[4-(trifluoromethoxy)phenoxy]-6,7-dihydro-5H-imidazo[2,1-b][1,3]oxazine (DNDI-8219): A New Lead for Visceral Leishmaniasis. Journal of Medicinal Chemistry, 2018, 61, 2329-2352.	6.4	42
61	Revisiting tubercidin against kinetoplastid parasites: Aromatic substitutions at position 7 improve activity and reduce toxicity. European Journal of Medicinal Chemistry, 2019, 164, 689-705.	5.5	40
62	Potent and specific inhibitors of trypanothione reductase from Trypanosoma cruzi. Bioorganic and Medicinal Chemistry, 2001, 9, 837-846.	3.0	39
63	Optimization and Characterization of a Galleria mellonella Larval Infection Model for Virulence Studies and the Evaluation of Therapeutics Against Streptococcus pneumoniae. Frontiers in Microbiology, 2019, 10, 311.	3.5	38
64	Structureâ€“Activity Relationships and Blood Distribution of Antiplasmodial Aminopeptidase-1 Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 10909-10917.	6.4	37
65	In vitro CYP-mediated drug metabolism in the zebrafish (embryo) using human reference compounds. Toxicology in Vitro, 2017, 42, 329-336.	2.4	37
66	Discovery of Novel 7-Aryl 7-Deazapurine 3â€²-Deoxy-ribofuranosyl Nucleosides with Potent Activity against Trypanosoma cruzi. Journal of Medicinal Chemistry, 2018, 61, 9287-9300.	6.4	37
67	2-Amino diphenylsulfides as inhibitors of trypanothione reductase: modification of the side chain. Bioorganic and Medicinal Chemistry, 1996, 4, 891-899.	3.0	36
68	New pentacyclic triterpene saponins with strong anti-leishmanial activity from the leaves of Maesa balansae. Tetrahedron, 2004, 60, 219-228.	1.9	36
69	Evaluation of Nucleoside Hydrolase Inhibitors for Treatment of African Trypanosomiasis. Antimicrobial Agents and Chemotherapy, 2010, 54, 1900-1908.	3.2	35
70	In Vitro Antiprotozoal Activity of Triterpenoid Constituents of Kleinia odora Growing in Saudi Arabia. Molecules, 2013, 18, 9207-9218.	3.8	35
71	In Vivo Selection of Paromomycin and Miltefosine Resistance in Leishmania donovani and L. infantum in a Syrian Hamster Model. Antimicrobial Agents and Chemotherapy, 2015, 59, 4714-4718.	3.2	35
72	Synthesis and Bioactivity of Î²-Substituted Fosmidomycin Analogues Targeting 1-Deoxy-<scp>d</scp>-xylulose-5-phosphate Reductoisomerase. Journal of Medicinal Chemistry, 2015, 58, 2988-3001.	6.4	34

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73	Evidence of a drug-specific impact of experimentally selected paromomycin and miltefosine resistance on parasite fitness inLeishmania infantum. Journal of Antimicrobial Chemotherapy, 2016, 71, 1914-1921.	3.0	34
74	Targeting a Subpocket in Trypanosoma brucei Phosphodiesterase B1 (TbrPDEB1) Enables the Structure-Based Discovery of Selective Inhibitors with Trypanocidal Activity. Journal of Medicinal Chemistry, 2018, 61, 3870-3888.	6.4	34
75	Phytochemical and biological investigations of Elaeodendron schlechteranum. Journal of Ethnopharmacology, 2010, 129, 319-326.	4.1	33
76	C6â€“O-alkylated 7-deazainosine nucleoside analogues: Discovery of potent and selective anti-sleeping sickness agents. European Journal of Medicinal Chemistry, 2020, 188, 112018.	5.5	33
77	Evaluation of theIn VitroAntiplasmodial, Antileishmanial, and Antitrypanosomal Activity of Medicinal Plants Used in Saudi and Yemeni Traditional Medicine. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-7.	1.2	32
78	In Vitro Antiprotozoal and Cytotoxic Activity of Ethnopharmacologically Selected Guinean Plants. Planta Medica, 2014, 80, 1340-1344.	1.3	32
79	A flow cytometric approach to quantify biofilms. Folia Microbiologica, 2015, 60, 335-342.	2.3	32
80	Trypanosoma brucei Glycogen Synthase Kinase-3, A Target for Anti-Trypanosomal Drug Development: A Public-Private Partnership to Identify Novel Leads. PLoS Neglected Tropical Diseases, 2011, 5, e1017.	3.0	31
81	Î±-Substituted Î²-Oxa Isosteres of Fosmidomycin: Synthesis and Biological Evaluation. Journal of Medicinal Chemistry, 2012, 55, 6566-6575.	6.4	31
82	Assessment of antimicrobial and antiprotozoal activity of the olive oil macerate samples of Hypericum perforatum and their LCâ€“DADâ€“MS analyses. Food Chemistry, 2013, 138, 870-875.	8.2	31
83	Phytochemical and Pharmacological Investigations onNymphoides indicaLeaf Extracts. Phytotherapy Research, 2016, 30, 1624-1633.	5.8	31
84	DNDI-6148: A Novel Benzoxaborole Preclinical Candidate for the Treatment of Visceral Leishmaniasis. Journal of Medicinal Chemistry, 2021, 64, 16159-16176.	6.4	31
85	In vitro inhibition of Î²-haematin formation, DNA interactions, antiplasmodial activity, and cytotoxicity of synthetic neocryptolepine derivatives. Experimental Parasitology, 2004, 108, 163-168.	1.2	30
86	Potential of Lichen Secondary Metabolites against Plasmodium Liver Stage Parasites with FAS-II as the Potential Target. Journal of Natural Products, 2013, 76, 1064-1070.	3.0	30
87	In Vitro Antiprotozoal Activity of Abietane Diterpenoids Isolated from Plectranthus barbatus Andr.. International Journal of Molecular Sciences, 2014, 15, 8360-8371.	4.1	30
88	Cyclopeptide Alkaloids from Hymenocardia acida. Journal of Natural Products, 2016, 79, 1746-1751.	3.0	29
89	Synthesis and evaluation of analogs of the phenylpyridazinone NPD-001 as potent trypanosomal TbrPDEB1 phosphodiesterase inhibitors and in vitro trypanocidals. Bioorganic and Medicinal Chemistry, 2016, 24, 1573-1581.	3.0	29
90	Synthesis of 6-methyl-6H-indolo[3,2-c]isoquinoline and 6-methyl-6H-indolo[2,3-c]isoquinoline: two new unnatural isoquinoline isomers of the cryptolepine series. Tetrahedron, 2008, 64, 11802-11809.	1.9	28

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91	Î±â€Ketoheterocycles as Inhibitors of Leishmania mexicana Cysteine Protease CPB. ChemMedChem, 2010, 5, 1734-1748.	3.2	28
92	Combined treatment of miltefosine and paromomycin delays the onset of experimental drug resistance in Leishmania infantum. PLoS Neglected Tropical Diseases, 2017, 11, e0005620.	3.0	28
93	Antitrichomonas In Vitro Activity of Cussonia Holstii Engl. Natural Product Research, 2003, 17, 127-133.	1.8	27
94	Synthesis and antimalarial activity of new analogues of amodiaquine. European Journal of Medicinal Chemistry, 2008, 43, 252-260.	5.5	27
95	Selective antileishmania activity of 13,28â€epoxyâ€oleanane and related triterpene saponins from the plant families Myrsinaceae, Primulaceae, Aceraceae and Icacinaceae. Phytotherapy Research, 2009, 23, 1404-1410.	5.8	27
96	Efficacy and tolerability of oleylphosphocholine (OlPC) in a laboratory model of visceral leishmaniasis. Journal of Antimicrobial Chemotherapy, 2012, 67, 2707-2712.	3.0	27
97	Assessment of the in Vitro Antiprotozoal and Cytotoxic Potential of 20 Selected Medicinal Plants from the Island of Soqotra. Molecules, 2012, 17, 14349-14360.	3.8	26
98	6-Nitro-2,3-dihydroimidazo[2,1-b][1,3]thiazoles: Facile synthesis and comparative appraisal against tuberculosis and neglected tropical diseases. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2583-2589.	2.2	26
99	In vivo Action of the Anticoccidial Diclazuril (Clinacox[registered]) on the Developmental Stages of Eimeria tenella: A Histological Study. Journal of Parasitology, 1988, 74, 931.	0.7	25
100	In vitro antiprotozoal, antimicrobial and antitumor activity of Pavetta crassipes K. Schum leaf extracts. Journal of Ethnopharmacology, 2010, 130, 529-535.	4.1	25
101	Design and evaluation of Trypanosoma brucei metacaspase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2001-2006.	2.2	24
102	Gold compounds as cysteine protease inhibitors: perspectives for pharmaceutical application as antiparasitic agents. BioMetals, 2017, 30, 313-320.	4.1	24
103	Genetic Markers for SSG Resistance in Leishmania donovani and SSG Treatment Failure in Visceral Leishmaniasis Patients of the Indian Subcontinent. Journal of Infectious Diseases, 2012, 206, 752-755.	4.0	23
104	A novel marker, ARM58, confers antimony resistance to Leishmania spp.. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 37-47.	3.4	23
105	Fragment-Based Screening in Tandem with Phenotypic Screening Provides Novel Antiparasitic Hits. Journal of Biomolecular Screening, 2015, 20, 131-140.	2.6	23
106	Miltefosine enhances the fitness of a non-virulent drug-resistantLeishmania infantumstrain. Journal of Antimicrobial Chemotherapy, 2019, 74, 395-406.	3.0	23
107	Unsaturated Mannich Bases Active Against Multidrugâ€Resistant Trypanosoma brucei brucei Strains. ChemMedChem, 2009, 4, 339-351.	3.2	22
108	Infectivity of Giardia duodenalis Assemblages A and E for the gerbil and axenisation of duodenal trophozoites. Parasitology International, 2010, 59, 634-637.	1.3	22

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109	Animal models of invasive aspergillosis for drug discovery. Drug Discovery Today, 2014, 19, 1380-1386.	6.4	22
110	Prodrugs of Reverse Fosmidomycin Analogues. Journal of Medicinal Chemistry, 2015, 58, 2025-2035.	6.4	22
111	Antiprotozoal and Antiglycation Activities of Sesquiterpene Coumarins from Ferula narthex Exudate. Molecules, 2016, 21, 1287.	3.8	22
112	Antiplasmodial Activity, Cytotoxicity and Structure-Activity Relationship Study of Cyclopeptide Alkaloids. Molecules, 2017, 22, 224.	3.8	22
113	Discovery of benzimidazoleâ€based Leishmania mexicana cysteine protease <scp>CPB</scp>2.8ï"<scp>CTE</scp> inhibitors as potential therapeutics for leishmaniasis. Chemical Biology and Drug Design, 2018, 92, 1585-1596.	3.2	22
114	Assessment of a pretomanid analogue library for African trypanosomiasis: Hit-to-lead studies on 6-substituted 2-nitro-6,7-dihydro-5H-imidazo[2,1-b][1,3]thiazine 8-oxides. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 207-213.	2.2	22
115	Synthesis and Antiplasmodial Activity of Highly Active Reverse Analogues of the Antimalarial Drug Candidate Fosmidomycin. ChemMedChem, 2010, 5, 1673-1676.	3.2	21
116	Comparative Gene Expression Analysis throughout the Life Cycle of Leishmania braziliensis: Diversity of Expression Profiles among Clinical Isolates. PLoS Neglected Tropical Diseases, 2011, 5, e1021.	3.0	21
117	Hypoestenonols A and B, new fusicoccane diterpenes from Hypoestes forskalei. Phytochemistry Letters, 2014, 10, 23-27.	1.2	21
118	Comparative Fitness of a Parent Leishmania donovani Clinical Isolate and Its Experimentally Derived Paromomycin-Resistant Strain. PLoS ONE, 2015, 10, e0140139.	2.5	21
119	Intracellular amastigote replication may not be required for successful in vitro selection of miltefosine resistance in Leishmania infantum. Parasitology Research, 2015, 114, 2561-2565.	1.6	21
120	In vitroâ€˜time-to-killâ€™ assay to assess the cidal activity dynamics of current reference drugs againstLeishmania donovaniandLeishmania infantum. Journal of Antimicrobial Chemotherapy, 2017, 72, 428-430.	3.0	21
121	Discovery of Pyrrolo[2,3-b]pyridine (1,7-Dideazapurine) Nucleoside Analogues as Anti-Trypanosoma cruzi Agents. Journal of Medicinal Chemistry, 2019, 62, 8847-8865.	6.4	21
122	Role of oxidative stress and apoptosis in the cellular response of murine macrophages uponLeishmaniainfection. Parasitology, 2012, 139, 1429-1437.	1.5	20
123	Drug-to-Genome-to-Drug, Step 2: Reversing Selectivity in a Series of Antiplasmodial Compounds. Journal of Medicinal Chemistry, 2012, 55, 1274-1286.	6.4	20
124	Alpha-Heteroatom Derivatized Analogues of 3-(Acetylhydroxyamino)propyl Phosphonic Acid (FR900098) as Antimalarials. Journal of Medicinal Chemistry, 2013, 56, 376-380.	6.4	20
125	Importance of biofilm formation and dipeptidyl peptidase IV for the pathogenicity of clinicalPorphyromonas gingivalisisolates. Pathogens and Disease, 2014, 70, 408-413.	2.0	20
126	Evaluation of a Pan-Leishmania Spliced-Leader RNA Detection Method in Human Blood and Experimentally Infected Syrian Golden Hamsters. Journal of Molecular Diagnostics, 2018, 20, 253-263.	2.8	20

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127	The impact of the age of first blood meal and Zika virus infection on Aedes aegypti egg production and longevity. PLoS ONE, 2018, 13, e0200766.	2.5	20
128	Amino acid based prodrugs of a fosmidomycin surrogate as antimalarial and antitubercular agents. Bioorganic and Medicinal Chemistry, 2019, 27, 729-747.	3.0	20
129	Structureâ€“Activity Relationship Exploration of 3â€²-Deoxy-7-deazapurine Nucleoside Analogues as Anti-Trypanosoma brucei Agents. ACS Infectious Diseases, 2020, 6, 2045-2056.	3.8	20
130	The malaria co-infection challenge: An investigation into the antimicrobial activity of selected Guinean medicinal plants. Journal of Ethnopharmacology, 2015, 174, 576-581.	4.1	19
131	In vitro CYP1A activity in the zebrafish: temporal but low metabolite levels during organogenesis and lack of gender differences in the adult stage. Reproductive Toxicology, 2016, 64, 50-56.	2.9	19
132	In Vitro and In Silico Antidiabetic and Antimicrobial Evaluation of Constituents from Kickxia ramosissima (Nanorrhinum ramosissimum). Frontiers in Pharmacology, 2017, 8, 232.	3.5	19
133	Revisiting Pyrazolo[3,4-d]pyrimidine Nucleosides as Anti-Trypanosoma cruzi and Antileishmanial Agents. Journal of Medicinal Chemistry, 2021, 64, 4206-4238.	6.4	19
134	A Novel Isoflavonoid from Millettia puguensis. Planta Medica, 2006, 72, 1341-1343.	1.3	18
135	Study of potential systemic oxidative stress animal models for the evaluation of antioxidant activity: status of lipid peroxidation and fat-soluble antioxidants. Journal of Pharmacy and Pharmacology, 2010, 59, 131-136.	2.4	18
136	In vitro Antileishmanial and Antimalarial Activity of Selected Plants of Nepal. Journal of Intercultural Ethnopharmacology, 2016, 5, 383.	0.9	18
137	Characterizing the in vitro biofilm phenotype of Staphylococcus epidermidis isolates from central venous catheters. Journal of Microbiological Methods, 2016, 127, 95-101.	1.6	18
138	InÂvitro screening of 2-(1H-imidazol-1-yl)-1-phenylethanol derivatives as antiprotozoal agents and docking studies on Trypanosoma cruzi CYP51. European Journal of Medicinal Chemistry, 2016, 113, 28-33.	5.5	18
139	Repurposing Auranofin and Evaluation of a New Gold(I) Compound for the Search of Treatment of Human and Cattle Parasitic Diseases: From Protozoa to Helminth Infections. Molecules, 2020, 25, 5075.	3.8	18
140	2-(2-Oxo-morpholin-3-yl)-acetamide Derivatives as Broad-Spectrum Antifungal Agents. Journal of Medicinal Chemistry, 2015, 58, 1502-1512.	6.4	17
141	Lack of correlation between the promastigote back-transformation assay and miltefosine treatment outcome. Journal of Antimicrobial Chemotherapy, 2015, 70, 3023-3026.	3.0	17
142	Targeting an Aromatic Hotspot in Plasmodium falciparum 1â€Deoxyâ€<scp>d</scp>â€xyluloseâ€5â€phosphate Reductoisomerase with Î²â€Arylpropyl Analogues of Fosmidomycin. ChemMedChem, 2016, 11, 2024-2036.	3.2	17
143	Cyclic Nucleotide-Specific Phosphodiesterases as Potential Drug Targets for Anti-Leishmania Therapy. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	17
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