# Paul Cos

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 283 papers | 11,678 citations | 31976 53 h-index | 38395 95 g-index |
| 295 all docs | 295 docs citations | 295 times ranked | 15908 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 | Structureâ^'Activity Relationship and Classification of Flavonoids as Inhibitors of Xanthine Oxidase and Superoxide Scavengers. Journal of Natural Products, 1998, 61, 71-76. | 3.0 | 892 |
| 3 | 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 |
| 4 | Proanthocyanidins in Health Care: Current and New Trends. Current Medicinal Chemistry, 2004, 11, 1345-1359. | 2.4 | 347 |
| 5 | Phytoestrogens: Recent Developments. Planta Medica, 2003, 69, 589-599. | 1.3 | 296 |
| 6 | 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 |
| 7 | Leishmaniaâ€“macrophage interactions: Insights into the redox biology. Free Radical Biology and Medicine, 2011, 51, 337-351. | 2.9 | 201 |
| 8 | Nonâ€Thermal Plasma as a Unique Delivery System of Shortâ€Lived Reactive Oxygen and Nitrogen Species for Immunogenic Cell Death in Melanoma Cells. Advanced Science, 2019, 6, 1802062. | 11.2 | 177 |
| 9 | 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 |
| 10 | 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 |
| 11 | In Vitro Antioxidant Profile of Phenolic Acid Derivatives. Free Radical Research, 2002, 36, 711-716. | 3.3 | 134 |
| 12 | Inhibitory Effect of Biocides on the Viable Masses and Matrices of Staphylococcus aureus and Pseudomonas aeruginosa Biofilms. Applied and Environmental Microbiology, 2010, 76, 3135-3142. | 3.1 | 134 |
| 13 | PLGA nanoparticles and nanosuspensions with amphotericin B: Potent in vitro and in vivo alternatives to Fungizone and AmBisome. Journal of Controlled Release, 2012, 161, 795-803. | 9.9 | 134 |
| 14 | Microbial Community Dynamics during Rearing of Black Soldier Fly Larvae (Hermetia illucens) and Impact on Exploitation Potential. Applied and Environmental Microbiology, 2018, 84, . | 3.1 | 134 |
| 15 | Screening of some Tanzanian medicinal plants from Bunda district for antibacterial, antifungal and antiviral activities. Journal of Ethnopharmacology, 2008, 119, 58-66. | 4.1 | 130 |
| 16 | Synthesis and evaluation of caffeic acid amides as antioxidants. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 215-217. | 2.2 | 121 |
| 17 | Biofilms: An Extra Hurdle for Effective Antimicrobial Therapy. Current Pharmaceutical Design, 2010, 16, 2279-2295. | 1.9 | 119 |
| 18 | Oxidative stress in healthy pregnancy and preeclampsia is linked to chronic inflammation, iron status and vascular function. PLoS ONE, 2018, 13, e0202919. | 2.5 | 112 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | High-Dose Folic Acid Pretreatment Blunts Cardiac Dysfunction During Ischemia Coupled to Maintenance of High-Energy Phosphates and Reduces Postreperfusion Injury. Circulation, 2008, 117, 1810-1819. | 1.6 | 104 |
| 21 | Antiviral and Antioxidant Activity of Flavonoids and Proanthocyanidins from Crataegus sinaica. Planta Medica, 2002, 68, 539-541. | 1.3 | 102 |
| 22 | Antiparasitic Activity of Some Xanthones and Biflavonoids from the Root Bark ofGarcinia livingstonei#. Journal of Natural Products, 2006, 69, 369-372. | 3.0 | 100 |
| 23 | Further evaluation of Rwandan medicinal plant extracts for their antimicrobial and antiviral activities. Journal of Ethnopharmacology, 2002, 79, 155-163. | 4.1 | 95 |
| 24 | 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 |
| 25 | Interplay between Lactobacillus rhamnosus <scp>GG</scp> and Candida and the involvement of exopolysaccharides. Microbial Biotechnology, 2017, 10, 1753-1763. | 4.2 | 92 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | In vitro antiprotozoal and cytotoxic activity of 33 ethonopharmacologically selected medicinal plants from Democratic Republic of Congo. Journal of Ethnopharmacology, 2012, 141, 301-308. | 4.1 | 86 |
| 30 | Antiprotozoal and cytotoxic screening of 45 plant extracts from Democratic Republic of Congo. Journal of Ethnopharmacology, 2008, 115, 409-415. | 4.1 | 82 |
| 31 | Cytotoxicity and Lipid Peroxidation-Inhibiting Activity of Flavonoids. Planta Medica, 2001, 67, 515-519. | 1.3 | 81 |
| 32 | The Role of Reactive Oxygen Species in Antibiotic-Induced Cell Death in Burkholderia cepacia Complex Bacteria. PLoS ONE, 2016, 11, e0159837. | 2.5 | 81 |
| 33 | Methodologies for in vitro and in vivo evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. Microbial Cell, 2018, 5, 300-326. | 3.2 | 81 |
| 34 | 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 |
| 35 | 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 |
| 36 | Challenges and Pitfalls in Antioxidant Research. Current Medicinal Chemistry, 2007, 14, 417-430. | 2.4 | 79 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | A new colorimetric microtitre model for the detection of Staphylococcus aureus biofilms. Letters in Applied Microbiology, 2008, 46, 249-254. | 2.2 | 74 |
| 38 | Synthesis and Antiplasmodial Activity of Aminoalkylamino-Substituted Neocryptolepine Derivatives. Journal of Medicinal Chemistry, 2009, 52, 2979-2988. | 6.4 | 69 |
| 39 | Gaining a better understanding of the extrusion process in fused filament fabrication 3D printing: a review. International Journal of Advanced Manufacturing Technology, 2021, 114, 1279-1291. | 3.0 | 68 |
| 40 | 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 |
| 41 | Artemisinins, New Miconazole Potentiators Resulting in Increased Activity against Candida albicans Biofilms. Antimicrobial Agents and Chemotherapy, 2015, 59, 421-426. | 3.2 | 66 |
| 42 | Screening of seven selected Rwandan medicinal plants for antimicrobial and antiviral activities. Journal of Ethnopharmacology, 1999, 65, 71-77. | 4.1 | 64 |
| 43 | Radical scavenging and xanthine oxidase inhibitory activity of phenolic compounds from Bridelia ferruginea stem bark. Journal of Pharmacy and Pharmacology, 2010, 53, 757-761. | 2.4 | 62 |
| 44 | Antiviral activity of Rwandan medicinal plants against human immunodeficiency virus type-1 (HIV-1). Phytomedicine, 2002, 9, 62-68. | 5.3 | 61 |
| 45 | Antimalarial activity and toxicity evaluation of a quantified Nauclea pobeguinii extract. Journal of Ethnopharmacology, 2010, 131, 10-16. | 4.1 | 61 |
| 46 | 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 |
| 47 | Adhesion of PLGA or EudragitÂ®/PLGA nanoparticles to Staphylococcus and Pseudomonas. International Journal of Pharmaceutics, 2008, 349, 234-240. | 5.2 | 60 |
| 48 | Rothia mucilaginosa is an anti-inflammatory bacterium in the respiratory tract of patients with chronic lung disease. European Respiratory Journal, 2022, 59, 2101293. | 6.7 | 60 |
| 49 | Combining experimental and modelling approaches to study the sources of reactive species induced in water by the COST RF plasma jet. Physical Chemistry Chemical Physics, 2018, 20, 2797-2808. | 2.8 | 59 |
| 50 | Inhibition of Candida albicans morphogenesis by chitinase from Lactobacillus rhamnosus GG. Scientific Reports, 2019, 9, 2900. | 3.3 | 59 |
| 51 | Drug to Genome to Drug: Discovery of New Antiplasmodial Compounds. Journal of Medicinal Chemistry, 2011, 54, 3222-3240. | 6.4 | 57 |
| 52 | Anthranoid Compounds with Antiprotozoal Activity fromVismia orientalis. Planta Medica, 2004, 70, 706-710. | 1.3 | 56 |
| 53 | Antiplasmodial and other constituents from four Indonesian Garcinia spp.. Phytochemistry, 2009, 70, 907-912. | 2.9 | 56 |
| 54 | Inhibitory efficacy of various antibiotics on matrix and viable mass of Staphylococcus aureus and Pseudomonas aeruginosa biofilms. International Journal of Antimicrobial Agents, 2009, 33, 525-531. | 2.5 | 56 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Diterpenes from the brown algae Dictyota dichotoma and Dictyota linearis. Phytochemistry, 2004, 65, 2025-2030. | 2.9 | 54 |
| 56 | Experimental selection of paromomycin and miltefosine resistance in intracellular amastigotes of Leishmania donovani and L. infantum. Parasitology Research, 2014, 113, 1875-1881. | 1.6 | 54 |
| 57 | Study of the in Vitro Antiplasmodial, Antileishmanial and Antitrypanosomal Activities of Medicinal Plants from Saudi Arabia. Molecules, 2012, 17, 11379-11390. | 3.8 | 53 |
| 58 | Production of Drug Delivery Systems Using Fused Filament Fabrication: A Systematic Review. Pharmaceutics, 2020, 12, 517. | 4.5 | 53 |
| 59 | PLGA nanoparticles loaded with the antileishmanial saponin Î²-aescin: Factor influence study and in vitro efficacy evaluation. International Journal of Pharmaceutics, 2011, 420, 122-132. | 5.2 | 51 |
| 60 | 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 |
| 61 | Synthesis and evaluation of the quorum sensing inhibitory effect of substituted triazolyldihydrofuranones. Bioorganic and Medicinal Chemistry, 2012, 20, 4737-4743. | 3.0 | 50 |
| 62 | Minimum information guideline for spectrophotometric and fluorometric methods to assess biofilm formation in microplates. Biofilm, 2020, 2, 100010. | 3.8 | 50 |
| 63 | Antiplasmodial activity of (I-3,II-3)-biflavonoids and other constituents from Ormocarpum kirkii. Phytochemistry, 2010, 71, 785-791. | 2.9 | 49 |
| 64 | 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 |
| 65 | In vitro antimicrobial assessment of Cuban propolis extracts. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 978-984. | 1.6 | 48 |
| 66 | Hamamelitannin Analogues that Modulate Quorum Sensing as Potentiators of Antibiotics against Staphylococcus aureus. Angewandte Chemie - International Edition, 2016, 55, 6551-6555. | 13.8 | 48 |
| 67 | A new quantitative in vitro microculture method for Giardia duodenalis trophozoites. Journal of Microbiological Methods, 2007, 71, 101-106. | 1.6 | 47 |
| 68 | Opportunities for Overcoming Mycobacterium tuberculosis Drug Resistance: Emerging Mycobacterial Targets and Host-Directed Therapy. International Journal of Molecular Sciences, 2019, 20, 2868. | 4.1 | 47 |
| 69 | 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 |
| 70 | 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 |
| 71 | In vitro and in vivo activity of major constituents from Pluchea carolinensis against Leishmania amazonensis. Parasitology Research, 2014, 113, 2925-2932. | 1.6 | 46 |
| 72 | In Vitro Evaluation of Portuguese Propolis and Floral Sources for Antiprotozoal, Antibacterial and Antifungal Activity. Phytotherapy Research, 2014, 28, 437-443. | 5.8 | 46 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | 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 |
| 74 | 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 |
| 75 | Investigation of plasmaâ€induced chemistry in organic solutions for enhanced electrospun PLA nanofibers. Plasma Processes and Polymers, 2018, 15, 1700226. | 3.0 | 42 |
| 76 | Intestinal growth and pathology ofGiardia duodenalisassemblage subtype A<sub>I</sub>, A<sub>II</sub>, B and E in the gerbil model. Parasitology, 2012, 139, 424-433. | 1.5 | 41 |
| 77 | 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 |
| 78 | Structureâ€“Activity Relationships and Blood Distribution of Antiplasmodial Aminopeptidase-1 Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 10909-10917. | 6.4 | 37 |
| 79 | In vitro CYP-mediated drug metabolism in the zebrafish (embryo) using human reference compounds. Toxicology in Vitro, 2017, 42, 329-336. | 2.4 | 37 |
| 80 | Comparative study of eight well-known polyphenolic antioxidants. Journal of Pharmacy and Pharmacology, 2010, 55, 1291-1297. | 2.4 | 36 |
| 81 | Evaluation of Nucleoside Hydrolase Inhibitors for Treatment of African Trypanosomiasis. Antimicrobial Agents and Chemotherapy, 2010, 54, 1900-1908. | 3.2 | 35 |
| 82 | Antimicrobial Evaluation of the Polyisoprenylated Benzophenones Nemorosone and Guttiferone <scp>A</scp>. Phytotherapy Research, 2011, 25, 458-462. | 5.8 | 35 |
| 83 | 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 |
| 84 | Comparison of viable plate count, turbidity measurement and real-time PCR for quantification of Porphyromonas gingivalis. Letters in Applied Microbiology, 2015, 60, 79-84. | 2.2 | 34 |
| 85 | 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 |
| 86 | Essential Oil from Piper aduncum: Chemical Analysis, Antimicrobial Assessment, and Literature Review. Medicines (Basel, Switzerland), 2017, 4, 49. | 1.4 | 34 |
| 87 | Phytochemical and biological investigations of Elaeodendron schlechteranum. Journal of Ethnopharmacology, 2010, 129, 319-326. | 4.1 | 33 |
| 88 | 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 |
| 89 | In Vitro Antiprotozoal and Cytotoxic Activity of Ethnopharmacologically Selected Guinean Plants. Planta Medica, 2014, 80, 1340-1344. | 1.3 | 32 |
| 90 | A flow cytometric approach to quantify biofilms. Folia Microbiologica, 2015, 60, 335-342. | 2.3 | 32 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Antioxidants in Plants: A Valorization Potential Emphasizing the Need for the Conservation of Plant Biodiversity in Cuba. Antioxidants, 2020, 9, 1048. | 5.1 | 32 |
| 92 | 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 |
| 93 | Phytochemical and Pharmacological Investigations onNymphoides indicaLeaf Extracts. Phytotherapy Research, 2016, 30, 1624-1633. | 5.8 | 31 |
| 94 | Oxidative stress and endothelial function in normal pregnancy versus pre-eclampsia, a combined longitudinal and case control study. BMC Pregnancy and Childbirth, 2018, 18, 60. | 2.4 | 31 |
| 95 | Constituents from <I>Morinda morindoides</I> Leaves as Inhibitors of Xanthine Oxidase and Scavengers of Superoxide Anions. Pharmacy and Pharmacology Communications, 1999, 5, 419-424. | 0.3 | 30 |
| 96 | Plant-Derived Decapeptide OSIP108 Interferes with Candida albicans Biofilm Formation without Affecting Cell Viability. Antimicrobial Agents and Chemotherapy, 2014, 58, 2647-2656. | 3.2 | 30 |
| 97 | Longitudinal quantification of radical bursts during pulmonary ischaemia and reperfusion. European Journal of Cardio-thoracic Surgery, 2015, 48, 622-629. | 1.4 | 30 |
| 98 | Ajuga remota Benth.: From ethnopharmacology to phytomedical perspective in the treatment of malaria. Phytomedicine, 2011, 18, 1229-1237. | 5.3 | 29 |
| 99 | Development and Validation of an in vitro Experimental GastroIntestinal Dialysis Model with Colon Phase to Study the Availability and Colonic Metabolisation of Polyphenolic Compounds. Planta Medica, 2015, 81, 1075-1083. | 1.3 | 29 |
| 100 | Cyclopeptide Alkaloids from Hymenocardia acida. Journal of Natural Products, 2016, 79, 1746-1751. | 3.0 | 29 |
| 101 | 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 |
| 102 | Method development and validation for monitoring in vivo oxidative stress: Evaluation of lipid peroxidation and fat-soluble vitamin status by HPLC in rat plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 822, 33-39. | 2.3 | 28 |
| 103 | Phytochemical investigation and antioxidant activity ofDuranta repens. Phytotherapy Research, 2005, 19, 1071-1073. | 5.8 | 28 |
| 104 | Î±â€Ketoheterocycles as Inhibitors of Leishmania mexicana Cysteine Protease CPB. ChemMedChem, 2010, 5, 1734-1748. | 3.2 | 28 |
| 105 | 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 |
| 106 | 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 |
| 107 | Efficacy and tolerability of oleylphosphocholine (OlPC) in a laboratory model of visceral leishmaniasis. Journal of Antimicrobial Chemotherapy, 2012, 67, 2707-2712. | 3.0 | 27 |
| 108 | In vitro antiprotozoal activity and cytotoxicity of extracts and isolated constituents from Greenwayodendron suaveolens. Journal of Ethnopharmacology, 2016, 193, 510-516. | 4.1 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Structure Guided Lead Generation toward Nonchiral M. tuberculosis Thymidylate Kinase Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 2753-2775. | 6.4 | 27 |
| 110 | Plant Substances as Antiviral Agents: An Update (1997-2001). Current Organic Chemistry, 2003, 7, 1163-1180. | 1.6 | 27 |
| 111 | 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 |
| 112 | Microbial symbionts of insects as a source of new antimicrobials: a review. Critical Reviews in Microbiology, 2021, 47, 562-579. | 6.1 | 26 |
| 113 | In vitro antiprotozoal, antimicrobial and antitumor activity of Pavetta crassipes K. Schum leaf extracts. Journal of Ethnopharmacology, 2010, 130, 529-535. | 4.1 | 25 |
| 114 | Antimicrobial activity of leaf extracts and isolated constituents of Croton linearis. Journal of Ethnopharmacology, 2019, 236, 250-257. | 4.1 | 25 |
| 115 | Can filaments, pellets and powder be used as feedstock to produce highly drug-loaded ethylene-vinyl acetate 3D printed tablets using extrusion-based additive manufacturing?. International Journal of Pharmaceutics, 2021, 607, 120922. | 5.2 | 25 |
| 116 | Design and evaluation of Trypanosoma brucei metacaspase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2001-2006. | 2.2 | 24 |
| 117 | Intracellular drug delivery inLeishmania-infected macrophages: Evaluation of saponin-loaded PLGA nanoparticles. Journal of Drug Targeting, 2012, 20, 142-154. | 4.4 | 24 |
| 118 | Interlaboratory study for the evaluation of three microtiter plate-based biofilm quantification methods. Scientific Reports, 2021, 11, 13779. | 3.3 | 24 |
| 119 | Miltefosine enhances the fitness of a non-virulent drug-resistantLeishmania infantumstrain. Journal of Antimicrobial Chemotherapy, 2019, 74, 395-406. | 3.0 | 23 |
| 120 | Antioxidant effect of bisphosphonates and simvastatin on chondrocyte lipid peroxidation. Biochemical and Biophysical Research Communications, 2006, 348, 459-464. | 2.1 | 22 |
| 121 | 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 |
| 122 | Animal models of invasive aspergillosis for drug discovery. Drug Discovery Today, 2014, 19, 1380-1386. | 6.4 | 22 |
| 123 | Antiprotozoal and Antiglycation Activities of Sesquiterpene Coumarins from Ferula narthex Exudate. Molecules, 2016, 21, 1287. | 3.8 | 22 |
| 124 | Antiplasmodial Activity, Cytotoxicity and Structure-Activity Relationship Study of Cyclopeptide Alkaloids. Molecules, 2017, 22, 224. | 3.8 | 22 |
| 125 | In Vitro Evaluation of Antimicrobial Peptides from the Black Soldier Fly ( Hermetia) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 3.0 | 22 |
| 126 | Comparative Fitness of a Parent Leishmania donovani Clinical Isolate and Its Experimentally Derived Paromomycin-Resistant Strain. PLoS ONE, 2015, 10, e0140139. | 2.5 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | 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 |
| 128 | Structure-Activity Relationship of Flavonoids as Antioxidant and Pro-Oxidant Compounds. Studies in Natural Products Chemistry, 2000, , 307-341. | 1.8 | 20 |
| 129 | Role of oxidative stress and apoptosis in the cellular response of murine macrophages uponLeishmaniainfection. Parasitology, 2012, 139, 1429-1437. | 1.5 | 20 |
| 130 | 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 |
| 131 | Importance of biofilm formation and dipeptidyl peptidase IV for the pathogenicity of clinicalPorphyromonas gingivalisisolates. Pathogens and Disease, 2014, 70, 408-413. | 2.0 | 20 |
| 132 | Oxidative and nitrosative stress during pulmonary ischemia-reperfusion injury: from the lab to the OR. Annals of Translational Medicine, 2017, 5, 131-131. | 1.7 | 20 |
| 133 | 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 |
| 134 | Acyloxybenzyl and Alkoxyalkyl Prodrugs of a Fosmidomycin Surrogate as Antimalarial and Antitubercular Agents. ACS Medicinal Chemistry Letters, 2018, 9, 986-989. | 2.8 | 20 |
| 135 | Selective in vitro antioxidant properties of bisphosphonates. Biochemical and Biophysical Research Communications, 2004, 314, 675-680. | 2.1 | 19 |
| 136 | Variation in growth and drug susceptibility amongGiardia duodenalisassemblages A, B and E in axenicin vitroculture and in the gerbil model. Parasitology, 2011, 138, 1354-1361. | 1.5 | 19 |
| 137 | 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 |
| 138 | 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 |
| 139 | Design, synthesis and antitubercular potency of 4-hydroxyquinolin-2(1H)-ones. European Journal of Medicinal Chemistry, 2017, 138, 491-500. | 5.5 | 19 |
| 140 | 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 |
| 141 | Streptococcus pneumoniae galU gene mutation has a direct effect on biofilm growth, adherence and phagocytosis in vitro and pathogenicity in vivo. Pathogens and Disease, 2018, 76, . | 2.0 | 19 |
| 142 | Complement modulating activity of Rwandan medicinal plants. Phytomedicine, 2002, 9, 56-61. | 5.3 | 18 |
| 143 | A Novel Isoflavonoid from Millettia puguensis. Planta Medica, 2006, 72, 1341-1343. | 1.3 | 18 |
| 144 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | The Chemical Diversity of Lantana camara: Analyses of Essential Oil Samples from Cuba, Nepal, and Yemen. Chemistry and Biodiversity, 2016, 13, 336-342. | 2.1 | 18 |
| 146 | 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 |
| 147 | Evaluation of hydrogen peroxide-based disinfectants in a new resazurin microplate method for rapid efficacy testing of biocides. Journal of Applied Microbiology, 2009, 107, 606-615. | 3.1 | 17 |
| 148 | 2-(2-Oxo-morpholin-3-yl)-acetamide Derivatives as Broad-Spectrum Antifungal Agents. Journal of Medicinal Chemistry, 2015, 58, 1502-1512. | 6.4 | 17 |
| 149 | Lack of correlation between the promastigote back-transformation assay and miltefosine treatment outcome. Journal of Antimicrobial Chemotherapy, 2015, 70, 3023-3026. | 3.0 | 17 |
| 150 | Evaluation of combination therapy for Burkholderia cenocepacia lung infection in different in vitro and in vivo models. PLoS ONE, 2017, 12, e0172723. | 2.5 | 17 |
| 151 | Impact of primary mouse macrophage cell types on Leishmania infection and in vitro drug susceptibility. Parasitology Research, 2018, 117, 3601-3612. | 1.6 | 17 |
| 152 | Characterization of the role of N-glycosylation sites in the respiratory syncytial virus fusion protein in virus replication, syncytium formation and antigenicity. Virus Research, 2019, 266, 58-68. | 2.2 | 17 |
| 153 | Fluorescence In Vivo Hybridization (FIVH) for Detection of Helicobacter pylori Infection in a C57BL/6 Mouse Model. PLoS ONE, 2016, 11, e0148353. | 2.5 | 16 |
| 154 | Chemodiversity Associated with Cytotoxicity and Antimicrobial Activity of Piper aduncum var. ossanum. Chemistry and Biodiversity, 2016, 13, 1715-1719. | 2.1 | 16 |
| 155 | A novel serine protease inhibitor as potential treatment for dry eye syndrome and ocular inflammation. Scientific Reports, 2020, 10, 17268. | 3.3 | 16 |
| 156 | Molecular orientation and conductivity in highly oriented poly(p-phenylene vinylene). Polymer, 1994, 35, 4569-4572. | 3.8 | 15 |
| 157 | Anticomplement and Antioxidant Activities of New Acetylated Flavonoid Glycosides fromCentaurium spicatum. Planta Medica, 2003, 69, 1153-1156. | 1.3 | 15 |
| 158 | In Vitro Profiling of Pramiconazole and In Vivo Evaluation in Microsporum canis Dermatitis and Candida albicans Vaginitis Laboratory Models. Antimicrobial Agents and Chemotherapy, 2010, 54, 4927-4929. | 3.2 | 15 |
| 159 | Optimization and validation of an existing, surgical and robust dry eye rat model for the evaluation of therapeutic compounds. Experimental Eye Research, 2016, 146, 172-178. | 2.6 | 15 |
| 160 | Comparative EPR study of different macrophage types stimulated for superoxide and nitric oxide production. Free Radical Research, 2010, 44, 763-772. | 3.3 | 14 |
| 161 | In vitro and in vivo prophylactic and curative activity of the triterpene saponin PX-6518 against cutaneous Leishmania species. Journal of Antimicrobial Chemotherapy, 2011, 66, 350-353. | 3.0 | 14 |
| 162 | Pathogenetic role of endothelial nitric oxide synthase uncoupling during lung ischaemiaâ€“reperfusion injuryâ€. European Journal of Cardio-thoracic Surgery, 2017, 52, 256-263. | 1.4 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Novel Potentiators for Vancomycin in the Treatment of Biofilm-Related MRSA Infections via a Mix and Match Approach. ACS Medicinal Chemistry Letters, 2017, 8, 38-42. | 2.8 | 14 |
| 164 | Synthesis and in vitro investigation of halogenated 1,3â€bis(4â€nitrophenyl)triazenide salts as antitubercular compounds. Chemical Biology and Drug Design, 2018, 91, 631-640. | 3.2 | 14 |
| 165 | In vitro and in vivo antiplasmodial activity of extracts and isolated constituents of Alstonia congensis root bark. Journal of Ethnopharmacology, 2019, 242, 111736. | 4.1 | 14 |
| 166 | Synthesis and structure-activity studies of novel anhydrohexitol-based Leucyl-tRNA synthetase inhibitors. European Journal of Medicinal Chemistry, 2021, 211, 113021. | 5.5 | 14 |
| 167 | Novel fungicidal benzylsulfanyl-phenylguanidines. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3686-3692. | 2.2 | 13 |
| 168 | Antimicrobial activity of someClerodendrumspecies from Egypt. Natural Product Research, 2013, 27, 1032-1036. | 1.8 | 13 |
| 169 | Oral administration of an aqueous extract from the oyster mushroom Pleurotus ostreatus enhances the immunonutritional recovery of malnourished mice. Biomedicine and Pharmacotherapy, 2016, 83, 1456-1463. | 5.6 | 13 |
| 170 | Isolation and Structure Elucidation by LC-DAD-MS and LC-DAD-SPE-NMR of Cyclopeptide Alkaloids from the Roots of Ziziphus oxyphylla and Evaluation of Their Antiplasmodial Activity. Journal of Natural Products, 2016, 79, 2865-2872. | 3.0 | 13 |
| 171 | Respiratory syncytial virus (RSV) entry is inhibited by serine protease inhibitor AEBSF when present during an early stage of infection. Virology Journal, 2017, 14, 157. | 3.4 | 13 |
| 172 | Combination of Miconazole and Domiphen Bromide Is Fungicidal against Biofilms of Resistant Candida spp. Antimicrobial Agents and Chemotherapy, 2020, 64, . | 3.2 | 13 |
| 173 | Bioassay-guided In vitro study of the antimicrobial and cytotoxic properties of the leaves from Excoecaria lucida Sw. Pharmacognosy Research (discontinued), 2017, 9, 396. | 0.6 | 13 |
| 174 | Synthetic Chromanol Derivatives and Their Interaction with Complex III in Mitochondria from Bovine, Yeast, and Leishmania. Chemical Research in Toxicology, 2011, 24, 1678-1685. | 3.3 | 12 |
| 175 | Antiprotozoal screening and cytotoxicity of extracts and fractions from the leaves, stem bark and root bark of Alstonia congensis. Journal of Ethnopharmacology, 2013, 148, 724-727. | 4.1 | 12 |
| 176 | The Relevance of Susceptibility Tests, Breakpoints, and Markers. , 2013, , 407-429. | | 12 |
| 177 | Antibody-Induced Internalization of the Human Respiratory Syncytial Virus Fusion Protein. Journal of Virology, 2017, 91, . | 3.4 | 12 |
| 178 | Removal of the N-Glycosylation Sequon at Position N116 Located in p27 of the Respiratory Syncytial Virus Fusion Protein Elicits Enhanced Antibody Responses after DNA Immunization. Viruses, 2018, 10, 426. | 3.3 | 12 |
| 179 | In vitro evaluation of arylsubstituted imidazoles derivatives as antiprotozoal agents and docking studies on sterol 14Î±-demethylase (CYP51) from Trypanosoma cruzi, Leishmania infantum, and Trypanosoma brucei. Parasitology Research, 2019, 118, 1533-1548. | 1.6 | 12 |
| 180 | 3D-Printed Drug Delivery Systems: The Effects of Drug Incorporation Methods on Their Release and Antibacterial Efficiency. Materials, 2020, 13, 3364. | 2.9 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Essential Oil from Melaleuca leucadendra: Antimicrobial, Antikinetoplastid, Antiproliferative and Cytotoxic Assessment. Molecules, 2020, 25, 5514. | 3.8 | 12 |
| 182 | Mycelia from Pleurotus sp. (oyster mushroom): a new wave of antimicrobials, anticancer and antioxidant bio-ingredients. International Journal of Phytocosmetics and Natural Ingredients, 2017, 4, 3. | 0.3 | 12 |
| 183 | Flow Cytometric Enumeration of Bacteria Using TO-PROÂ®-3 Iodide as a Single-Stain Viability Dye. Journal of the Association for Laboratory Automation, 2014, 19, 555-561. | 2.8 | 11 |
| 184 | In-vitro antimicrobial activity and complement/macrophage stimulating effects of a hot-water extract from mycelium of the oyster mushroom Pleurotus sp.. Innovative Food Science and Emerging Technologies, 2015, 30, 177-183. | 5.6 | 11 |
| 185 | Development of a novel in vitro onychomycosis model for the evaluation of topical antifungal activity. Journal of Microbiological Methods, 2015, 112, 73-75. | 1.6 | 11 |
| 186 | Phenols from Origanum dictamnus L. and Thymus vulgaris L. and their activity against Malassezia globosa carbonic anhydrase. Natural Product Research, 2022, 36, 1558-1564. | 1.8 | 11 |
| 187 | Drug susceptibility of Leishmania infantum (syn. Leishmania chagasi) isolates from Brazilian HIV-positive and HIV-negative patients. Journal of Antimicrobial Chemotherapy, 2011, 66, 677-679. | 3.0 | 10 |
| 188 | Evaluation of the Antiâ€Adhesive Effect of Milk Fat Globule Membrane Glycoproteins on Helicobacter pylori in the Human NCIâ€N87 Cell Line and C57BL/6 Mouse Model. Helicobacter, 2012, 17, 312-318. | 3.5 | 10 |
| 189 | Transcript and Protein Analysis Reveals Better Survival Skills of Monocyte-Derived Dendritic Cells Compared to Monocytes during Oxidative Stress. PLoS ONE, 2012, 7, e43357. | 2.5 | 10 |
| 190 | In vitro and in vivo antimalarial activity and cytotoxicity of extracts and fractions from the leaves, root-bark and stem-bark of Triclisia gilletii. Journal of Ethnopharmacology, 2013, 149, 438-442. | 4.1 | 10 |
| 191 | Quantification of Candida albicans by flow cytometry using TO-PROÂ®-3 iodide as a single-stain viability dye. Journal of Microbiological Methods, 2013, 92, 189-191. | 1.6 | 10 |
| 192 | From human immunodeficiency virus non-nucleoside reverse transcriptase inhibitors to potent and selective antitrypanosomal compounds. Bioorganic and Medicinal Chemistry, 2014, 22, 5241-5248. | 3.0 | 10 |
| 193 | Efficacy of oleylphosphocholine (Ol<scp>PC</scp>) in vitro and in a mouse model of invasive aspergillosis. Mycoses, 2015, 58, 127-132. | 4.0 | 10 |
| 194 | A murine model of lung ischemia and reperfusion injury: tricks of the trade. Journal of Surgical Research, 2015, 194, 659-666. | 1.6 | 10 |
| 195 | Development and Characterization of New Species Cross-Reactive Anti-Sialoadhesin Monoclonal Antibodies. Antibodies, 2016, 5, 7. | 2.5 | 10 |
| 196 | Monoclonal antibody binding to the macrophage-specific receptor sialoadhesin alters the phagocytic properties of human and mouse macrophages. Cellular Immunology, 2017, 312, 51-60. | 3.0 | 10 |
| 197 | Chemical Composition and Antioxidant, Antinociceptive, and Antiâ€inflammatory Activities of Four Amazonian Byrsonima Species. Phytotherapy Research, 2017, 31, 1686-1693. | 5.8 | 10 |
| 198 | The synthesis and inÂvitro biological evaluation of novel fluorinated tetrahydrobenzo[j]phenanthridine-7,12-diones against Mycobacterium tuberculosis. European Journal of Medicinal Chemistry, 2019, 181, 111549. | 5.5 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Bioassay-guided isolation of antiplasmodial and antimicrobial constituents from the roots of Terminalia albida. Journal of Ethnopharmacology, 2021, 267, 113624. | 4.1 | 10 |
| 200 | LCâ€MS analysis of 13,28â€epoxyâ€oleanane saponins in Maesa spp. extracts with antileishmanial activity. Phytochemical Analysis, 2009, 20, 159-167. | 2.4 | 9 |
| 201 | Antiplasmodial and cytotoxic activities of Striga asiatica and Sauropus spatulifolius extracts, and their isolated constituents. Phytochemistry Letters, 2013, 6, 53-58. | 1.2 | 9 |
| 202 | Evaluation of topical antifungal products in an in vitro onychomycosis model. Mycoses, 2016, 59, 327-330. | 4.0 | 9 |
| 203 | Elaboration of a proprietary thymidylate kinase inhibitor motif towards anti-tuberculosis agents. Bioorganic and Medicinal Chemistry, 2016, 24, 5172-5182. | 3.0 | 9 |
| 204 | Antimicrobial investigation of ethnobotanically selected guinean plant species. Journal of Ethnopharmacology, 2020, 263, 113232. | 4.1 | 9 |
| 205 | Differential Induction Pattern Towards Classically Activated Macrophages in Response to an Immunomodulatory Extract from Pleurotus ostreatus Mycelium. Journal of Fungi (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 | 3.5 | 9 |
| 206 | 3D-Printed Gentamicin-Releasing Poly-Îµ-Caprolactone Composite Prevents Fracture-Related Staphylococcus aureus Infection in Mice. Pharmaceutics, 2022, 14, 1363. | 4.5 | 9 |
| 207 | Intrinsic susceptibility of Giardia duodenalis assemblage subtypes AI, AII, B and EIII for nitric oxide under axenic culture conditions. Parasitology Research, 2012, 110, 1315-1319. | 1.6 | 8 |
| 208 | Pyrrolo[1,2-Î±][1,4]benzodiazepines show potent in vitro antifungal activity and significant in vivo efficacy in a Microsporum canis dermatitis model in guinea pigs. Journal of Antimicrobial Chemotherapy, 2014, 69, 1608-1610. | 3.0 | 8 |
| 209 | Synthesis and anti-tubercular activity of N<sup>2</sup>-arylbenzo[g]isoquinoline-5,10-dione-3-iminium bromides. Organic and Biomolecular Chemistry, 2016, 14, 2041-2051. | 2.8 | 8 |
| 210 | Isolation and Characterization of Clinical RSV Isolates in Belgium during the Winters of 2016â€“2018. Viruses, 2019, 11, 1031. | 3.3 | 8 |
| 211 | 1-(Piperidin-3-yl)thymine amides as inhibitors of M. tuberculosis thymidylate kinase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1730-1739. | 5.2 | 8 |
| 212 | The search for novel treatment strategies forStreptococcus pneumoniaeinfections. FEMS Microbiology Reviews, 2021, 45, . | 8.6 | 8 |
| 213 | <i>In Vitro</i> Antiprotozoal and Cytotoxic Activity of the Aqueous Extract, the 80% Methanol Extract and Its Fractions from the Seeds of <i>Brucea sumatrana</i> Roxb. (Simaroubaceae) Growing in Democratic Republic of Congo. Chinese Medicine, 2012, 03, 65-71. | 0.3 | 8 |
| 214 | Anex-vivoAngiogenesis Assay as a Screening Method for Natural Compounds and Herbal Drug Preparations. Planta Medica, 2004, 70, 887-892. | 1.3 | 7 |
| 215 | Antimicrobial Assessment of Resins from Calophyllum Antillanum and Calophyllum Inophyllum. Phytotherapy Research, 2015, 29, 1991-1994. | 5.8 | 7 |
| 216 | In vitro antiprotozoal activity and cytotoxicity of extracts and fractions from the leaves, root bark and stem bark of Isolona hexaloba. Journal of Ethnopharmacology, 2015, 174, 187-194. | 4.1 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Anti-infective, cytotoxic and antioxidant activity of Ziziphus oxyphylla and Cedrela serrata. Asian Pacific Journal of Tropical Biomedicine, 2016, 6, 671-676. | 1.2 | 7 |
| 218 | Comparative analysis of the internalization of the macrophage receptor sialoadhesin in human and mouse primary macrophages and cell lines. Immunobiology, 2017, 222, 797-806. | 1.9 | 7 |
| 219 | Antileishmanial Potentialities of Croton linearis Leaf Essential Oil. Natural Product Communications, 2018, 13, 1934578X1801300. | 0.5 | 7 |
| 220 | Chemical Composition, Antimicrobial and Antiparasitic Screening of the Essential Oil from Phania matricarioides (Spreng.) Griseb.. Molecules, 2019, 24, 1615. | 3.8 | 7 |
| 221 | Coupling Additive Manufacturing with Hot Melt Extrusion Technologies to Validate a Ventilator-Associated Pneumonia Mouse Model. Pharmaceutics, 2021, 13, 772. | 4.5 | 7 |
| 222 | Design, synthesis and biological evaluation of novel quinolineâ€based carboxylic hydrazides as antiâ€tubercular agents. Chemical Biology and Drug Design, 2016, 88, 585-591. | 3.2 | 6 |
| 223 | The role of the globin-coupled sensor YddV in a mature E. coli biofilm population. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 835-839. | 2.3 | 6 |
| 224 | Triterpenoid Saponins from Maesa argentea Leaves. Planta Medica, 2016, 82, 1568-1575. | 1.3 | 6 |
| 225 | Double prodrugs of a fosmidomycin surrogate as antimalarial and antitubercular agents. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1232-1235. | 2.2 | 6 |
| 226 | Two new antiplasmodial flavonolignans from the leaves of Cecropia obtusifolia. Phytochemistry Letters, 2019, 31, 118-120. | 1.2 | 6 |
| 227 | Dysregulation of the renin-angiotensin system during lung ischemia-reperfusion injury. Experimental Lung Research, 2016, 42, 277-285. | 1.2 | 5 |
| 228 | Synthesis and antitubercular activity of 1- and 3-substituted benzo[g]isoquinoline-5,10-diones. Organic and Biomolecular Chemistry, 2019, 17, 2923-2939. | 2.8 | 5 |
| 229 | In vitro and in vivo Evaluation of in silico Predicted Pneumococcal UDPG:PP Inhibitors. Frontiers in Microbiology, 2020, 11, 1596. | 3.5 | 5 |
| 230 | C15271. The Chemical Diversity ofLantana camara: Analyses of Essential Oil Samples from Cuba, Nepal, and Yemen. Chemistry and Biodiversity, 2016, 13, n/a-n/a. | 2.1 | 5 |
| 231 | Novel design for an additively manufactured nozzle to produce tubular scaffolds via fused filament fabrication. Additive Manufacturing, 2022, 49, 102467. | 3.0 | 5 |
| 232 | In Vitro Pharmacological Screening of Essential Oils from Baccharis parvidentata and Lippia origanoides Growing in Brazil. Molecules, 2022, 27, 1926. | 3.8 | 5 |
| 233 | An Alternative, Sensitive Method to Detect Helicobacter pylori DNA in Feces. Helicobacter, 2011, 16, 113-118. | 3.5 | 4 |
| 234 | In-vivo evaluation of apocynin for prevention of Helicobacter pylori-induced gastric carcinogenesis. European Journal of Cancer Prevention, 2017, 26, 10-16. | 1.3 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | Detection of Helicobacter pylori in the Gastric Mucosa by Fluorescence In Vivo Hybridization. Methods in Molecular Biology, 2017, 1616, 137-146. | 0.9 | 4 |
| 236 | Isolation and structure elucidation of two antiprotozoal bisbenzylisoquinoline alkaloids from Triclisia gilletii stem bark. Phytochemistry Letters, 2018, 28, 19-23. | 1.2 | 4 |
| 237 | HPLC-DAD-SPE-NMR isolation of tetracyclic spiro-alkaloids with antiplasmodial activity from the seeds of Erythrina latissima. Natural Product Research, 2020, 34, 1037-1040. | 1.8 | 4 |
| 238 | Chemical and Pharmacological Potential of Coccoloba cowellii, an Endemic Endangered Plant from Cuba. Molecules, 2021, 26, 935. | 3.8 | 4 |
| 239 | Structure-aided optimization of non-nucleoside M.Âtuberculosis thymidylate kinase inhibitors. European Journal of Medicinal Chemistry, 2021, 225, 113784. | 5.5 | 4 |
| 240 | Synthesis and In Vitro Evaluation of Tropane Halogenated-derivatives Against Malaria, Sleeping Sickness, Chagas Disease and Leishmaniasis. Medicinal Chemistry, 2014, 10, 753-758. | 1.5 | 4 |
| 241 | LC-MS Characterization and Biological Activities of Cuban Cultivars of Plectranthus neochilus Schltr. Plants, 2022, 11, 134. | 3.5 | 4 |
| 242 | Silicon Absorption from Stabilized Orthosilicic Acid and Other Supplements in Healthy Subjects. , 2002, , 1111-1114. | | 3 |
| 243 | Efficacy of Four Solanum spp. Extracts in an Animal Model of Cutaneous Leishmaniasis. Medicines (Basel, Switzerland), 2018, 5, 49. | 1.4 | 3 |
| 244 | Pharmacological Assessment of the Carvacrol Chemotype Essential Oil FromPlectranthus amboinicusGrowing in Cuba. Natural Product Communications, 2020, 15, 1934578X2096223. | 0.5 | 3 |
| 245 | Anti-inflammatory effect of Adelia ricinella L. aerial parts. Journal of Pharmacy and Pharmacology, 2021, 73, 553-559. | 2.4 | 3 |
| 246 | Antiplasmodial Oleanane Triterpenoids from Terminalia albida Root Bark. Journal of Natural Products, 2021, 84, 666-675. | 3.0 | 3 |
| 247 | Antifungal Activity of Extracts, Fractions, and Constituents from Coccoloba cowellii Leaves. Pharmaceuticals, 2021, 14, 917. | 3.8 | 3 |
| 248 | Phytochemical and pharmacological investigation of Kickxia ramosissima. Planta Medica, 2015, 81, . | 1.3 | 3 |
| 249 | Antiplasmodial activity of alkaloids from Croton linearis leaves. Experimental Parasitology, 2022, 236-237, 108254. | 1.2 | 3 |
| 250 | N-Acylated sulfonamide congeners of fosmidomycin lack any inhibitory activity against DXR. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1577-1579. | 2.2 | 2 |
| 251 | Hamamelitannin Analogues that Modulate Quorum Sensing as Potentiators of Antibiotics against Staphylococcus aureus. Angewandte Chemie, 2016, 128, 6661-6665. | 2.0 | 2 |
| 252 | Optimization and characterization of a murine lung infection model for the evaluation of novel therapeutics against Burkholderia cenocepacia. Journal of Microbiological Methods, 2017, 139, 181-188. | 1.6 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | UPLC/MS MS data of testosterone metabolites in human and zebrafish liver microsomes and whole zebrafish larval microsomes. Data in Brief, 2018, 16, 644-648. | 1.0 | 2 |
| 254 | Differences in Susceptibility of Human and Mouse Macrophage Cell Lines to Respiratory Syncytial Virus Infection. Intervirology, 2019, 62, 134-144. | 2.8 | 2 |
| 255 | Phosphonodiamidate prodrugs of N-alkoxy analogs of a fosmidomycin surrogate as antimalarial and antitubercular agents. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1051-1053. | 2.2 | 2 |
| 256 | Bioassay guided isolation of antiplasmodial constituents from Ormocarpum kirkii. Planta Medica, 2009, 75, . | 1.3 | 2 |
| 257 | Study of Antiparasitic and Cytotoxicity of the Aqueous, the 80% Methanol Extract and Its Fractions, and the Acute Toxicity of the Aqueous Extract of <i>Brucea sumatrana</i> (Simaroubaceae) Leaves Collected in Mai-Ndombe, Democratic Republic of Congo. Chinese Medicine, 2016, 07, 93-109. | 0.3 | 2 |
| 258 | Novel flavonol-3-O-methylethers from Zanthoxylum pistaciifolium Griseb. (Rutaceae). Natural Product Research, 2021, , 1-10. | 1.8 | 1 |
| 259 | Evaluation of the in vitro antiplasmodial, antileishmanial and antitrypanosomal activities of selected medicinal plants from the Arabian Peninsula. Planta Medica, 2013, 79, . | 1.3 | 1 |
| 260 | Antibacterial, antifungal, cytotoxic, antioxidant and antidiabetic compounds from Nymphoides indica; the first comprehensive phytochemical and pharmacological study. Planta Medica, 2014, 80, . | 1.3 | 1 |
| 261 | Design, Synthesis and Biological Evaluation of Novel Tetrahydroquinoline Based Propanehydrazides as Antitubercular Agents. Letters in Drug Design and Discovery, 2017, 14, 293-300. | 0.7 | 1 |
| 262 | Biological activities and cytotoxicity of Eperua oleifera Ducke oil-resin. Pharmacognosy Magazine, 2017, 13, 542. | 0.6 | 1 |
| 263 | Antiparasitic Activity of Some Xanthones and Biflavonoids and Identification of a New Biflavanoid from the Root Bark of Garcinia livingstonei. Planta Medica, 2006, 72, . | 1.3 | 1 |
| 264 | Technological, Biochemical and Microbiological Evaluation of Dehydrated Pleurotus ostreatus Powder for Nutraceutical Applications. Current Nutrition and Food Science, 2022, 18, . | 0.6 | 1 |
| 265 | Semisynthetic triterpenes led to the generation of selective antitrypanosomal lead compounds. Chemical Biology and Drug Design, 2022, , . | 3.2 | 1 |
| 266 | Response to Letter Regarding Article, â€œHigh-Dose Folic Acid Pretreatment Blunts Cardiac Dysfunction During Ischemia Coupled to Maintenance of High-Energy Phosphates and Reduces Postreperfusion Injuryâ€• Circulation, 2008, 118, . | 1.6 | 0 |
| 267 | Immunosuppression of Syrian golden hamsters accelerates relapse but not the emergence of resistance in Leishmania infantum following recurrent miltefosine pressure. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 9, 1-7. | 3.4 | 0 |
| 268 | Synthesis and biological evaluation of benzimidazolyl substituted aloe-emodin derivatives. Arkivoc, 2020, 2019, 152-162. | 0.5 | 0 |
| 269 | P377â€…Chlamydia trachomatis and Neisseria gonorrhoeae DNA stability in preserved first-void urine. , 2021, , . | | 0 |
| 270 | Total Superoxide Dismutase Activity and Glutathione Peroxidase Activity in Plasma of Phenylketonuric Subjects Supplemented with Selenium. , 2002, , 634-635. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | Structure-activity-relationship (SAR) for in vitro antileishmanial activity of maesabalide (PX-6518) analogue natural products. Planta Medica, 2006, 72, . | 1.3 | 0 |
| 272 | A novel isoflavonoid from Millettia puguensis. Planta Medica, 2007, 73, . | 1.3 | 0 |
| 273 | Antiplasmodial activity of cyclopeptide alkaloids from Hymenocardia acida and Ziziphus oxyphylla. Planta Medica, 2016, 81, S1-S381. | 1.3 | 0 |
| 274 | Phytochemical and biological investigations on potentially antimicrobial and anticancer Guinean plant species. Planta Medica, 2019, 85, . | 1.3 | 0 |
| 275 | The commensal bacterium Rothia mucilaginosa has anti-inflammatory properties in vitro and in vivo, and negatively correlates with sputum pro-inflammatory markers in chronic airway disease. , 2021, , . | | 0 |
| 276 | Chemical Fingerprinting and Antimicrobial Evaluation of the Methanolic Extract of the Leaves of the Endemic Cuban Plant Coccoloba cowelliiÂ. Chemistry Proceedings, 2020, 3, . | 0.1 | 0 |
| 277 | UHPLC-HRMS analysis of <em>Coccoloba cowellii</em>, an endemic endangered plant from Cuba. , 0, , . | | 0 |
| 278 | Dereplication strategy of HRMS data from <em>Coccoloba cowellii</em> extract. , 0, , . | | 0 |
| 279 | Docking, synthesis and evaluation of the antitumoral activity of 3-arylcoumarins in MCF-7 cells. , 0, , . | | 0 |
| 280 | Chemical constituents and antifungal activity of <em>Coccoloba cowellii</em> leaves. , 0, , . | | 0 |
| 281 | Phytochemical MS profile of Cuban <em>Piper aduncum</em> L. subspecies. , 0, , . | | 0 |
| 282 | Integration of dereplication and regression analysis for rapid characterization of antiplasmodial compounds from the leaves of Combretum paniculatum. Planta Medica, 2021, 87, . | 1.3 | 0 |
| 283 | Molecular Docking Study of Flavonoids to Block the Aryl Hydrocarbon Receptor. , 0, , . | | 0 |