

Christopher Fernandez-Prada

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,045
citations

471061

17
h-index

433756

31
g-index

42
all docs

42
docs citations

42
times ranked

1409
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Identification of asymptomatic Leishmania infections: a scoping review. <i>Parasites and Vectors</i> , 2022, 15, 5. | 1.0 | 27 |
| 2 | Recent research brings hope for reshaping the co-evolutionary arms race against parasitic infectious diseases. <i>Drug Development Research</i> , 2022, 83, 219-221. | 1.4 | 0 |
| 3 | Sex under pressure: stress facilitates Leishmania in vitro hybridization. <i>Trends in Parasitology</i> , 2022, 38, 274-276. | 1.5 | 2 |
| 4 | Influence of N-Methylation and Conformation on Almiramide Anti-Leishmanial Activity. <i>Molecules</i> , 2021, 26, 3606. | 1.7 | 4 |
| 5 | Exposure to Tick-Borne Pathogens in Cats and Dogs Infested With <i>Ixodes scapularis</i> in Quebec: An 8-Year Surveillance Study. <i>Frontiers in Veterinary Science</i> , 2021, 8, 696815. | 0.9 | 4 |
| 6 | Extracellular vesicles and leishmaniasis: Current knowledge and promising avenues for future development. <i>Molecular Immunology</i> , 2021, 135, 73-83. | 1.0 | 17 |
| 7 | Three different mutations in the DNA topoisomerase 1B in <i>Leishmania infantum</i> contribute to resistance to antitumor drug topotecan. <i>Parasites and Vectors</i> , 2021, 14, 438. | 1.0 | 8 |
| 8 | Extracellular Vesicles in Trypanosomatids: Host Cell Communication. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 602502. | 1.8 | 47 |
| 9 | Of Drugs and Trypanosomatids: New Tools and Knowledge to Reduce Bottlenecks in Drug Discovery. <i>Genes</i> , 2020, 11, 722. | 1.0 | 30 |
| 10 | Unravelling the proteomic signature of extracellular vesicles released by drug-resistant <i>Leishmania infantum</i> . <i>Parasites</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008439. | 1.3 | 35 |
| 11 | MRPA-independent mechanisms of antimony resistance in <i>Leishmania infantum</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2020, 13, 28-37. | 1.4 | 19 |
| 12 | infection in a dog imported from Morocco. <i>Canadian Veterinary Journal</i> , 2020, 61, 963-965. | 0.0 | 2 |
| 13 | <i>Leishmania</i> and its exosomal pathway: a novel direction for vaccine development. <i>Future Microbiology</i> , 2019, 14, 559-561. | 1.0 | 18 |
| 14 | <i>Leishmania Viannia guyanensis</i> . <i>Trends in Parasitology</i> , 2019, 35, 1018-1019. | 1.5 | 3 |
| 15 | Effects of recycled manure solids bedding on the spread of gastrointestinal parasites in the environment of dairies and milk. <i>Journal of Dairy Science</i> , 2019, 102, 11308-11316. | 1.4 | 14 |
| 16 | Repurposed Molecules: A New Hope in Tackling Neglected Infectious Diseases. , 2019, , 119-160. | | 9 |
| 17 | A review of the current evidence of fruit phenolic compounds as potential antimicrobials against pathogenic bacteria. <i>Microbial Pathogenesis</i> , 2019, 130, 259-270. | 1.3 | 153 |
| 18 | Cos-Seq: A High-Throughput Gain-of-Function Screen for Drug Resistance Studies in <i>Leishmania</i> . <i>Methods in Molecular Biology</i> , 2019, 1971, 141-167. | 0.4 | 6 |

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|----|---|-----|-----------|
| 19 | High-throughput identification and quantification of <i>Haemonchus contortus</i> in fecal samples. <i>Veterinary Parasitology</i> , 2019, 265, 24-28. | 0.7 | 3 |
| 20 | Innovative Solutions for the Control of Leishmaniases: Nanoscale Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2019, 25, 1582-1592. | 0.9 | 11 |
| 21 | High-throughput Cos-Seq screen with intracellular <i>Leishmania infantum</i> for the discovery of novel drug-resistance mechanisms. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 165-173. | 1.4 | 37 |
| 22 | Omics and Their Impact on the Development of Chemotherapy Against <i>Leishmania</i> . <i>RSC Drug Discovery Series</i> , 2017, , 101-129. | 0.2 | 0 |
| 23 | Different Mutations in a P-type ATPase Transporter in <i>Leishmania</i> Parasites are Associated with Cross-resistance to Two Leading Drugs by Distinct Mechanisms. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005171. | 1.3 | 48 |
| 24 | Cos-Seq for high-throughput identification of drug target and resistance mechanisms in the protozoan parasite <i>Leishmania</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3012-21. | 3.3 | 76 |
| 25 | Trypanosomatids see the light: recent advances in bioimaging research. <i>Drug Discovery Today</i> , 2015, 20, 114-121. | 3.2 | 14 |
| 26 | Drug resistance analysis by next generation sequencing in <i>Leishmania</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2015, 5, 26-35. | 1.4 | 66 |
| 27 | Trypanosomatids topoisomerase re-visited. New structural findings and role in drug discovery. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014, 4, 326-337. | 1.4 | 39 |
| 28 | Gimatecan and other camptothecin derivatives poison <i>Leishmania</i> DNA-topoisomerase IB leading to a strong leishmanicidal effect. <i>Biochemical Pharmacology</i> , 2013, 85, 1433-1440. | 2.0 | 43 |
| 29 | Synthesis of Marine \pm -Methoxylated Fatty Acid Analogs that Effectively Inhibit the Topoisomerase IB from <i>Leishmania donovani</i> with a Mechanism Different from that of Camptothecin. <i>Marine Drugs</i> , 2013, 11, 3661-3675. | 2.2 | 13 |
| 30 | Identification and Characterization of the Regions Involved in the Nuclear Translocation of the Heterodimeric <i>Leishmania</i> DNA Topoisomerase IB. <i>PLoS ONE</i> , 2013, 8, e73565. | 1.1 | 10 |
| 31 | Appraisal of a <i>Leishmania</i> major Strain Stably Expressing mCherry Fluorescent Protein for Both In Vitro and In Vivo Studies of Potential Drugs and Vaccine against Cutaneous Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1927. | 1.3 | 43 |
| 32 | Indotecan (LMP400) and AM13-55: Two Novel Indenoisoquinolines Show Potential for Treating Visceral Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5264-5270. | 1.4 | 47 |
| 33 | 2-Alkynoic fatty acids inhibit topoisomerase IB from <i>Leishmania donovani</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6185-6189. | 1.0 | 21 |
| 34 | First total synthesis of the (\pm) -2-methoxy-6-heptadecynoic acid and related 2-methoxylated analogs as effective inhibitors of the <i>Leishmania</i> topoisomerase IB enzyme. <i>Pure and Applied Chemistry</i> , 2012, 84, 1867-1875. | 0.9 | 13 |
| 35 | A pentapeptide signature motif plays a pivotal role in <i>Leishmania</i> DNA topoisomerase IB activity and camptothecin sensitivity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 2062-2071. | 1.1 | 14 |
| 36 | Role of trypanosomatid's arginase in polyamine biosynthesis and pathogenesis. <i>Molecular and Biochemical Parasitology</i> , 2012, 181, 85-93. | 0.5 | 49 |

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|----|---|-----|-----------|
| 37 | First total synthesis and antileishmanial activity of (Z)-16-methyl-11-heptadecenoic acid, a new marine fatty acid from the sponge <i>Dragmaxia undata</i> . <i>Chemistry and Physics of Lipids</i> , 2011, 164, 113-117. | 1.5 | 12 |
| 38 | DNA topoisomerases in apicomplexan parasites: promising targets for drug discovery. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1777-1787. | 1.2 | 45 |
| 39 | Novel Findings on Trypanosomatid Chemotherapy Using DNA Topoisomerase Inhibitors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009, 9, 674-686. | 1.1 | 6 |
| 40 | Total Synthesis and Antileishmanial Activity of the Natural Occurring Acetylenic Fatty Acids 6â€Heptadecynoic Acid and 6â€Eicosynoic Acid. <i>Lipids</i> , 2009, 44, 953-61. | 0.7 | 22 |
| 41 | First total synthesis and antiprotozoal activity of (Z)-17-methyl-13-octadecenoic acid, a new marine fatty acid from the sponge <i>Polymastia penicillus</i> . <i>Chemistry and Physics of Lipids</i> , 2009, 161, 38-43. | 1.5 | 15 |