

Raquel Alvarez-Velilla

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

466
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

653
citing authors

#	ARTICLE	IF	CITATIONS
1	Rate-of-Kill (RoK) assays to triage large compound sets for Chagas disease drug discovery: Application to GSK Chagas Box. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009602.	3.0	4
2	Antiparasitic effect of synthetic aromathecins on <i>Leishmania infantum</i> . <i>BMC Veterinary Research</i> , 2019, 15, 405.	1.9	3
3	Topoisomerase IB poisons induce histone H2A phosphorylation as a response to DNA damage in <i>Leishmania infantum</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019, 11, 39-48.	3.4	6
4	A chronic bioluminescent model of experimental visceral leishmaniasis for accelerating drug discovery. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007133.	3.0	21
5	Novel Very Long-Chain ω -Methoxylated $\Delta^5,9$ Fatty Acids from the Sponge <i>Asteropus niger</i> Are Effective Inhibitors of Topoisomerases IB. <i>Lipids</i> , 2016, 51, 245-256.	1.7	32
6	Trypanosomatids see the light: recent advances in bioimaging research. <i>Drug Discovery Today</i> , 2015, 20, 114-121.	6.4	14
7	Infrared Fluorescent Imaging as a Potent Tool for In Vitro, Ex Vivo and In Vivo Models of Visceral Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003666.	3.0	59
8	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.	3.4	39
9	First Evidence of Intraclonal Genetic Exchange in Trypanosomatids Using Two <i>Leishmania infantum</i> Fluorescent Transgenic Clones. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3075.	3.0	28
10	Target-based vs. phenotypic screenings in <i>Leishmania</i> drug discovery: A marriage of convenience or a dialogue of the deaf?. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014, 4, 355-357.	3.4	34
11	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.	4.4	43
12	Synthesis of Marine ω -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.	4.6	13
13	Identification and Characterization of the Regions Involved in the Nuclear Translocation of the Heterodimeric Leishmanial DNA Topoisomerase IB. <i>PLoS ONE</i> , 2013, 8, e73565.	2.5	10
14	Appraisal of a <i>Leishmania major</i> 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.	3.0	43
15	Indotecan (LMP400) and AM13-55: Two Novel Indenoisoquinolines Show Potential for Treating Visceral Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5264-5270.	3.2	47
16	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.	2.4	14
17	Role of trypanosomatid's arginase in polyamine biosynthesis and pathogenesis. <i>Molecular and Biochemical Parasitology</i> , 2012, 181, 85-93.	1.1	49
18	<i>Leishmania donovani</i> : proteasome-mediated down-regulation of methionine adenosyltransferase. <i>Parasitology</i> , 2011, 138, 1082-1092.	1.5	7