Raquel Alvarez-Velilla

List of Publications by Year
in descending order

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	Infrared Fluorescent Imaging as a Potent Tool for In Vitro, Ex Vivo and In Vivo Models of Visceral Leishmaniasis. PLoS Neglected Tropical Diseases, 2015, 9, e0003666.	3.0	59
2	Role of trypanosomatid's arginase in polyamine biosynthesis and pathogenesis. Molecular and Biochemical Parasitology, 2012, 181, 85-93.	1.1	49
3	Indotecan (LMP400) and AM13-55: Two Novel Indenoisoquinolines Show Potential for Treating Visceral Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2012, 56, 5264-5270.	3.2	47
4	Appraisal of a Leishmania major Strain Stably Expressing mCherry Fluorescent Protein for Both In Vitro and In Vivo Studies of Potential Drugs and Vaccine against Cutaneous Leishmaniasis. PLoS Neglected Tropical Diseases, 2012, 6, e1927.	3.0	43
5	Gimatecan and other camptothecin derivatives poison Leishmania DNA-topoisomerase IB leading to a strong leishmanicidal effect. Biochemical Pharmacology, 2013, 85, 1433-1440.	4.4	43
6	Trypanosomatids topoisomerase re-visited. New structural findings and role in drug discovery. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 326-337.	3.4	39
7	Target-based vs. phenotypic screenings in Leishmania drug discovery: A marriage of convenience or a dialogue of the deaf?. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 355-357.	3.4	34
8	Novel Very Longâ€Chain Î±â€Methoxylated Î”5,9 Fatty Acids from the Sponge Asteropus niger Are Effective Inhibitors of Topoisomerases IB. Lipids, 2016, 51, 245-256.	1.7	32
9	First Evidence of Intraclonal Genetic Exchange in Trypanosomatids Using Two Leishmania infantum Fluorescent Transgenic Clones. PLoS Neglected Tropical Diseases, 2014, 8, e3075.	3.0	28
10	A chronic bioluminescent model of experimental visceral leishmaniasis for accelerating drug discovery. PLoS Neglected Tropical Diseases, 2019, 13, e0007133.	3.0	21
11	A pentapeptide signature motif plays a pivotal role in Leishmania DNA topoisomerase IB activity and camptothecin sensitivity. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 2062-2071.	2.4	14
12	Trypanosomatids see the light: recent advances in bioimaging research. Drug Discovery Today, 2015, 20, 114-121.	6.4	14
13	Synthesis of Marine Î±-Methoxylated Fatty Acid Analogs that Effectively Inhibit the Topoisomerase IB from Leishmania donovani with a Mechanism Different from that of Camptothecin. Marine Drugs, 2013, 11, 3661-3675.	4.6	13
14	Identification and Characterization of the Regions Involved in the Nuclear Translocation of the Heterodimeric Leishmanial DNA Topoisomerase IB. PLoS ONE, 2013, 8, e73565.	2.5	10
15	Leishmania donovani: proteasome-mediated down-regulation of methionine adenosyltransferase. Parasitology, 2011, 138, 1082-1092.	1.5	7
16	Topoisomerase IB poisons induce histone H2A phosphorylation as a response to DNA damage in Leishmania infantum. International Journal for Parasitology: Drugs and Drug Resistance, 2019, 11, 39-48.	3.4	6
17	Rate-of-Kill (RoK) assays to triage large compound sets for Chagas disease drug discovery: Application to GSK Chagas Box. PLoS Neglected Tropical Diseases, 2021, 15, e0009602.	3.0	4
18	Antiparasitic effect of synthetic aromathecins on Leishmania infantum. BMC Veterinary Research, 2019, 15, 405.	1.9	3