Somenath Roy Chowdhury

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2359361/publications.pdf

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20	371	840776 11	839539 18
papers	citations	h-index	g-index

20	20	20	483
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel Betulin Derivatives as Antileishmanial Agents with Mode of Action Targeting Type IB DNA Topoisomerase. Molecular Pharmacology, 2011, 80, 694-703.	2.3	56
2	A Novel Spirooxindole Derivative Inhibits the Growth of Leishmania donovani Parasites both In Vitro and In Vivo by Targeting Type IB Topoisomerase. Antimicrobial Agents and Chemotherapy, 2016, 60, 6281-6293.	3.2	54
3	Disuccinyl Betulin Triggers Metacaspase-Dependent Endonuclease G-Mediated Cell Death in Unicellular Protozoan Parasite Leishmania donovani. Antimicrobial Agents and Chemotherapy, 2014, 58, 2186-2201.	3.2	40
4	Voacamine alters Leishmania ultrastructure and kills parasite by poisoning unusual bi-subunit topoisomerase IB. Biochemical Pharmacology, 2017, 138, 19-30.	4.4	31
5	A new bisbenzylisoquinoline alkaloid isolated from Thalictrum foliolosum, as a potent inhibitor of DNA topoisomerase IB of Leishmania donovani. FÃ¬toterapÃ¬Ã¢, 2016, 109, 25-30.	2.2	30
6	The lignan glycosides lyoniside and saracoside poison the unusual type IB topoisomerase of Leishmania donovani and kill the parasite both in vitro and in vivo. Biochemical Pharmacology, 2013, 86, 1673-1687.	4.4	24
7	Anthocephaline, a New Indole Alkaloid and Cadambine, a Potent Inhibitor of DNA Topoisomerase IB of Leishmania donovani (LdTOP1LS), Isolated from Anthocephalus cadamba. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	23
8	DNA Topoisomerases in Unicellular Pathogens: Structure, Function, and Druggability. Trends in Biochemical Sciences, 2019, 44, 415-432.	7.5	21
9	Synthesis and Biological Evaluation of Calothrixins B and their Deoxygenated Analogues. Journal of Medicinal Chemistry, 2018, 61, 1285-1315.	6.4	20
10	A New Ellagic Acid Glycoside and DNA Topoisomerase IB Inhibitory Activity of Saponins from Putranjiva roxburghii. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	17
11	Isobenzofuranone derivatives exhibit antileishmanial effect by inhibiting type <scp>II DNA</scp> topoisomerase and inducing host response. Pharmacology Research and Perspectives, 2014, 2, e00070.	2.4	15
12	Isobenzofuranone derivative JVPH3, an inhibitor of L. donovani topoisomerase II, disrupts mitochondrial architecture in trypanosomatid parasites. Scientific Reports, 2018, 8, 11940.	3.3	13
13	Anthocephaline, a new indole alkaloid and cadambine, a potent inhibitor of DNA topoisomerase IB of Leishmania donovani (LdTOP1LS), isolated from Anthocephalus cadamba. Natural Product Communications, 2015, 10, 297-9.	0.5	10
14	DNA Topoisomerases of Kinetoplastid Parasites: Brief Overview and Recent Perspectives. Current Issues in Molecular Biology, 2019, 31, 45-62.	2.4	6
15	Divergent Synthesis and Evaluation of the inâ€…vitro Cytotoxicity Profiles of 3,4â€Ethylenedioxythiophenylâ€2â€propenâ€1â€one Analogues. ChemMedChem, 2019, 14, 1418-1430.	3.2	4
16	A new ellagic acid glycoside and DNA topoisomerase IB inhibitory activity of saponins from Putranjiva roxburghii. Natural Product Communications, 2014, 9, 675-7.	0.5	3
17	Targeting DNA topoisomerases in parasitic protozoa by natural products: Chemical and biological perspectives. Studies in Natural Products Chemistry, 2020, 67, 389-410.	1.8	2
18	TDP1 knockout Leishmania donovani accumulate topoisomerase 1â€linked DNA damage and are hypersensitive to clinically used antileishmanial drugs. FASEB Journal, 2022, 36, e22265.	0.5	2

#	Article	IF	Citations
19	DNA Topoisomerases of Kinetoplastid Parasites: Brief Overview and Recent Perspectives. , 2018, , .		0
20	Targeting topoisomerases for antileishmanial chemotherapeutics and deciphering the role of Mre11 in topoisomerase induced DNA damage repair in Leishmania donovani. FASEB Journal, 2018, 32, 828.1.	0.5	0