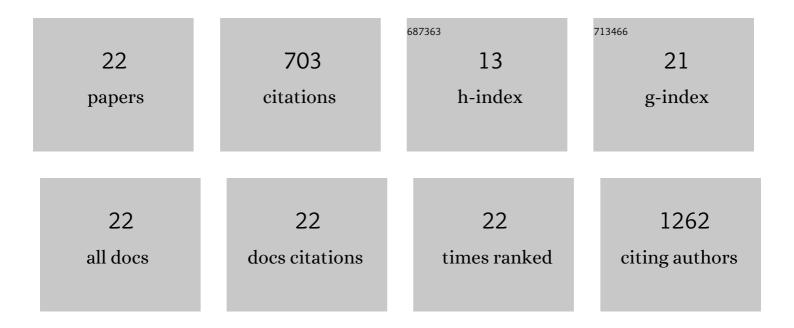
## Souvik Sengupta

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1174312/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	PARP1–TDP1 coupling for the repair of topoisomerase l–induced DNA damage. Nucleic Acids Research, 2014, 42, 4435-4449.	14.5	163
2	16αâ€Hydroxyclerodaâ€3,13 (14)Zâ€dienâ€15,16â€olide from <i>Polyalthia longifolia</i> : a safe and orally activ antileishmanial agent. British Journal of Pharmacology, 2010, 159, 1143-1150.	<sup>7e</sup> 5.4	65
3	The caspase-independent algorithm of programmed cell death in Leishmania induced by baicalein: the role of LdEndoG, LdFEN-1 and LdTatD as a DNA †degradesome'. Cell Death and Differentiation, 2008, 15, 1629-1640.	11.2	61
4	Novel Betulin Derivatives as Antileishmanial Agents with Mode of Action Targeting Type IB DNA Topoisomerase. Molecular Pharmacology, 2011, 80, 694-703.	2.3	56
5	The lignan niranthin poisons <i>Leishmania donovani</i> topoisomerase IB and favours a Th1 immune response in mice. EMBO Molecular Medicine, 2012, 4, 1126-1143.	6.9	55
6	Poly(ADP-ribose) polymers regulate DNA topoisomerase I (Top1) nuclear dynamics and camptothecin sensitivity in living cells. Nucleic Acids Research, 2016, 44, 8363-8375.	14.5	49
7	Antileishmanial activity mediated by apoptosis and structure-based target study of peganine hydrochloride dihydrate: an approach for rational drug design. Journal of Antimicrobial Chemotherapy, 2008, 62, 998-1002.	3.0	40
8	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
9	Cryptolepine-Induced Cell Death of <i>Leishmania donovani</i> Promastigotes Is Augmented by Inhibition of Autophagy. Molecular Biology International, 2011, 2011, 1-12.	1.7	29
10	Neutral Porphyrin Derivative Exerts Anticancer Activity by Targeting Cellular Topoisomerase I (Top1) and Promotes Apoptotic Cell Death without Stabilizing Top1-DNA Cleavage Complexes. Journal of Medicinal Chemistry, 2018, 61, 804-817.	6.4	28
11	Development of Derivatives of 3, 3′-Diindolylmethane as Potent Leishmania donovani Bi-Subunit Topoisomerase IB Poisons. PLoS ONE, 2011, 6, e28493.	2.5	19
12	MRX protects fork integrity at protein–DNA barriers, and its absence causes checkpoint activation dependent on chromatin context. Nucleic Acids Research, 2013, 41, 3173-3189.	14.5	17
13	ZnO nanoparticles-associated mitochondrial stress-induced apoptosis and G2/M arrest in HaCaT cells: a mechanistic approach. Mutagenesis, 2019, 34, 265-277.	2.6	17
14	Anti-leishmanial Nanotherapeutics: A Current Perspective. Current Drug Metabolism, 2019, 20, 473-482.	1.2	11
15	Leishmania donovani: Dyskinetoplastid cells survive and proliferate in the presence of pyruvate and uridine but do not undergo apoptosis after treatment with camptothecin. Experimental Parasitology, 2007, 115, 215-219.	1.2	10
16	Amino acids 39–456 of the large subunit and 210–262 of the small subunit constitute the minimal functionally interacting fragments of the unusual heterodimeric topoisomerase IB of <i>Leishmania</i> . Biochemical Journal, 2008, 409, 481-489.	3.7	10
17	A novel nanoliposomal formulation of the FDA approved drug Halofantrine causes cell death of Leishmania donovani promastigotes in vitro. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 582, 123852.	4.7	7
18	ATP independent type IB topoisomerase of Leishmania donovani is stimulated by ATP: an insight into the functional mechanism. Nucleic Acids Research, 2011, 39, 3295-3309.	14.5	6

#	Article	IF	CITATIONS
19	Flavone-resistant Leishmania donovani Overexpresses LdMRP2 Transporter in the Parasite and Activates Host MRP2 on Macrophages to Circumvent the Flavone-mediated Cell Death. Journal of Biological Chemistry, 2014, 289, 16129-16147.	3.4	6
20	Conjugated Eicosapentaenoic Acid (cEPA) Inhibits L. donovani Topoisomerase I and has an Antiproliferative Activity Against L. donovani Promastigotes. The Open Antimicrobial Agents Journal, 2011, 3, 23-29.	0.2	6
21	Mutational studies reveal lysine 352 on the large subunit is indispensable for catalytic activity of bi-subunit topoisomerase I from Leishmania donovani. Molecular and Biochemical Parasitology, 2009, 165, 57-66.	1.1	5
22	DNA Damage, Repair, and Maintenance of Telomere Length. , 2018, , 287-307.		3