

Niladri Mukherjee

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

521
citations

623574

14
h-index

677027

22
g-index

32
all docs

32
docs citations

32
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of ferulic acid from <i>Hibiscus mutabilis</i> on filarial parasite <i>Setaria cervi</i> : Molecular and biochemical approaches. <i>Parasitology International</i> , 2012, 61, 520-531.	0.6	49
2	Antifilarial effects of polyphenol rich ethanolic extract from the leaves of <i>Azadirachta indica</i> through molecular and biochemical approaches describing reactive oxygen species (ROS) mediated apoptosis of <i>Setaria cervi</i> . <i>Experimental Parasitology</i> , 2014, 136, 41-58.	0.5	47
3	Molecular evidence of curcumin-induced apoptosis in the filarial worm <i>Setaria cervi</i> . <i>Parasitology Research</i> , 2012, 111, 1173-1186.	0.6	43
4	Design and green synthesis of polymer inspired nanoparticles for the evaluation of their antimicrobial and antifilarial efficiency. <i>RSC Advances</i> , 2014, 4, 34487.	1.7	37
5	Phenolics and Terpenoids; the Promising New Search for Anthelmintics: A Critical Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 1415-1441.	1.1	34
6	Oxidative stress plays major role in mediating apoptosis in filarial nematode <i>Setaria cervi</i> in the presence of trans-stilbene derivatives. <i>Free Radical Biology and Medicine</i> , 2016, 93, 130-144.	1.3	31
7	Chitosan biopolymer functionalized gold nanoparticles with controlled cytotoxicity and improved antifilarial efficacy. <i>Advanced Composites and Hybrid Materials</i> , 2018, 1, 577-590.	9.9	30
8	Antifilarial effect of ursolic acid from <i>Nyctanthes arbortristis</i> : Molecular and biochemical evidences. <i>Parasitology International</i> , 2014, 63, 717-728.	0.6	27
9	A supramolecular hydrogel for generation of a benign DNA-hydrogel. <i>RSC Advances</i> , 2015, 5, 105961-105968.	1.7	26
10	Development of novel anti-filarial agents using carbamo(dithioperoxo)thioate derivatives. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 598-610.	2.6	23
11	A double-blind controlled field trial of doxycycline and albendazole in combination for the treatment of bancroftian filariasis in India. <i>Acta Tropica</i> , 2013, 125, 150-156.	0.9	22
12	Green silver nanoparticles for drug transport, bioactivities and a bacterium (<i>Bacillus</i>) Tj ETQqO 0 0 rgBT /Overlock 10 Jf 50 302 Td (subti	1.7	21
13	Metabolic Inhibitors as Antiparasitic Drugs: Pharmacological, Biochemical and Molecular Perspectives. <i>Current Drug Metabolism</i> , 2016, 17, 937-970.	0.7	20
14	Molecular evidence on the occurrence of co-infection with <i>Pichia guilliermondii</i> and <i>Wuchereria bancrofti</i> in two filarial endemic districts of India. <i>Infectious Diseases of Poverty</i> , 2014, 3, 13.	1.5	17
15	Antifilarial activity of azadirachtin fuelled through reactive oxygen species induced apoptosis: a thorough molecular study on <i>Setaria cervi</i> . <i>Journal of Helminthology</i> , 2019, 93, 519-528.	0.4	16
16	<p>Intracellular anti-leishmanial effect of Spergulin-A, a triterpenoid saponin of <p>. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 2933-2942.	1.1	11
17	Polyphenol oxidase-based luminescent enzyme hydrogel: an efficient redox active immobilized scaffold. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	0.8	10
18	Redox-Responsive Nanocapsules for the Spatiotemporal Release of Miltefosine in Lysosome: Protection against <i>Leishmania</i>. <i>Bioconjugate Chemistry</i> , 2021, 32, 245-253.	1.8	10

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19	Ginger extract ameliorates phosphamidon induced hepatotoxicity. Indian Journal of Experimental Biology, 2015, 53, 574-84.	0.5	10
20	In vitro antifilarial activity of Azadirachta indica aqueous extract through reactive oxygen species enhancement. Asian Pacific Journal of Tropical Medicine, 2014, 7, 841-848.	0.4	9
21	Ethanol extract of Azadirachta indica (A. Juss.) causing apoptosis by ROS upregulation in Dirofilaria immitis microfilaria. Research in Veterinary Science, 2014, 97, 309-317.	0.9	8
22	<i>Diospyros perigrana</i> bark extract induced apoptosis in filarial parasite <i>Setaria cervi</i> through generation of reactive oxygen species. Pharmaceutical Biology, 2015, 53, 813-823.	1.3	7
23	Polymer Anchored Gold Nanoparticles: Synthesis, Characterization and Antimicrobial Activities. Nanoscience and Nanotechnology - Asia, 2021, 11, 119-131.	0.3	4
24	Current Developments in Diagnostic Biosensor Technology: Relevance to Therapeutic Intervention of Infectious and Inflammatory Diseases of Human. Studies in Systems, Decision and Control, 2021, , 1-36.	0.8	3
25	An approach toward optimization of the influential growth determinants of opportunistic yeast isolate <i>Pichia guilliermondii</i> . Preparative Biochemistry and Biotechnology, 2016, 46, 440-445.	1.0	2
26	Nanopharmaceuticals to target antifilarials: Administration of old age drugs in a novel way. , 2021, , 329-356.		2
27	Triggering the downstream apoptotic signal inside human parasitic organisms demonstrates a promising approach for anti-parasitic drug development: A mechanistic perspective. Advances in Protein Chemistry and Structural Biology, 2021, 125, 193-213.	1.0	1
28	Meet Our Associate Editorial Board Member. Mini-Reviews in Medicinal Chemistry, 2021, 21, 1269-1269.	1.1	0
29	Anti-microfilarial Activities of Azadirachta indica (A. Juss.) Against Dirofilaria immitis in Dogs (Canis) Tj ETQq1 1 0.784314 rgBJ /Overlock	0.4	0