

Nikhilesh Joardar

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

362
citations

840585

11
h-index

839398

18
g-index

26
all docs

26
docs citations

26
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbes as future therapeutics in treating inflammatory and infectious diseases: Lessons from recent findings. <i>Journal of Nutritional Biochemistry</i> , 2018, 61, 111-128.	1.9	66
2	Graphene oxide dispersed supramolecular hydrogel capped benign green silver nanoparticles for anticancer, antimicrobial, cell attachment and intracellular imaging applications. <i>Journal of Molecular Liquids</i> , 2019, 282, 1-12.	2.3	35
3	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
4	Synthesis of smart graphene quantum dots: A benign biomaterial for prominent intracellular imaging and improvement of drug efficacy. <i>Applied Surface Science</i> , 2019, 495, 143562.	3.1	27
5	Quinolone-fused cyclic sulfonamide as a novel benign antifilarial agent. <i>Scientific Reports</i> , 2018, 8, 12073.	1.6	26
6	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
7	Aryl quinolinyl hydrazone derivatives as anti-inflammatory agents that inhibit TLR4 activation in the macrophages. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 134, 102-115.	1.9	22
8	Thioredoxin reductase from the bovine filarial parasite <i>Setaria cervi</i> : Studies on its localization and optimization of the extraction. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2375-2384.	3.6	19
9	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
10	Polyphenol enriched ethanolic extract of <i>Cajanus scarabaeoides</i> (L.) Thouars exerts potential antifilarial activity by inducing oxidative stress and programmed cell death. <i>PLoS ONE</i> , 2018, 13, e0208201.	1.1	15
11	Thiol antioxidant thioredoxin reductase: A prospective biochemical crossroads between anticancer and antiparasitic treatments of the modern era. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 249-267.	3.6	14
12	A review on the druggability of a thiol-based enzymatic antioxidant thioredoxin reductase for treating filariasis and other parasitic infections. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 125-141.	3.6	12
13	Effect of bovine serum albumin on tartrate-modified manganese ferrite nano hollow spheres: spectroscopic and toxicity study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10726-10737.	1.3	8
14	Senna plant generates reactive oxygen species (ROS) and induces apoptosis in <i>Hymenolepis diminuta</i> . <i>Molecular and Biochemical Parasitology</i> , 2020, 238, 111297.	0.5	7
15	A review on the interactions between dendritic cells, filarial parasite and parasite-derived molecules in regulating the host immune responses. <i>Scandinavian Journal of Immunology</i> , 2021, 93, e13001.	1.3	7
16	Influence of autophagy, apoptosis and their interplay in filaricidal activity of C-cinnamoyl glycosides. <i>Parasitology</i> , 2019, 146, 1451-1461.	0.7	6
17	Filarial thioredoxin reductase exerts anti-inflammatory effects upon lipopolysaccharide induced inflammation in macrophages. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1379-1390.	3.6	6
18	Inhibition of thioredoxin reductase (TrxR) triggers oxidative stress-induced apoptosis in filarial nematode <i>Setaria cervi</i> channelized through ASK-1-p38 mediated caspase activation. <i>Molecular and Biochemical Parasitology</i> , 2021, 242, 111364.	0.5	5

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19	Exploring the homolog of a novel proinflammatory microfilarial sheath protein (MfP) of <i>Wuchereria bancrofti</i> in the adult-stage bovine filarial parasite <i>Setaria cervi</i> . <i>Journal of Helminthology</i> , 2020, 94, e15.	0.4	4
20	Disruption of redox homeostasis with synchronized activation of apoptosis highlights the antifilarial efficacy of novel piperine derivatives: An in vitro mechanistic approach. <i>Free Radical Biology and Medicine</i> , 2021, 169, 343-360.	1.3	3
21	Effect of Senna plant on the mitochondrial activity of <i>Hymenolepis diminuta</i> . <i>Journal of Parasitic Diseases</i> , 2022, 46, 139-151.	0.4	3
22	Redox Regulatory Circuits as Targets for Therapeutic Intervention of Bancroftian Filariasis: Biochemical, Molecular, and Pharmacological Perspectives. , 2019, , 185-208.		3
23	Nanopharmaceuticals to target antifilarials: Administration of old age drugs in a novel way. , 2021, , 329-356.		2
24	Crude protein fraction with high thioredoxin reductase (TrxR) enzyme activity from filarial parasite <i>Setaria cervi</i> counters lipopolysaccharide (LPS)-induced inflammation in macrophages. <i>Parasitology Research</i> , 2022, 121, 1379-1388.	0.6	2
25	Triggering the downstream apoptotic signal inside human parasitic organisms demonstrates a promising approach for anti-parasitic drug development: A mechanistic perspective. <i>Advances in Protein Chemistry and Structural Biology</i> , 2021, 125, 193-213.	1.0	1
26	Anti-microfilarial Activities of <i>Azadirachta indica</i> (A. Juss.) Against <i>Dirofilaria immitis</i> in Dogs (Canis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	0