

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	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
2	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
3	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
4	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
5	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
6	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
7	Nanopharmaceuticals to target antifilarials: Administration of old age drugs in a novel way. , 2021, , 329-356.		2
8	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
9	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
10	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
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	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
13	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
14	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
15	Influence of autophagy, apoptosis and their interplay in filaricidal activity of C-cinnamoyl glycosides. <i>Parasitology</i> , 2019, 146, 1451-1461.	0.7	6
16	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
17	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
18	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

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19	Redox Regulatory Circuits as Targets for Therapeutic Intervention of Bancroftian Filariasis: Biochemical, Molecular, and Pharmacological Perspectives. , 2019, , 185-208.		3
20	Thioredoxin reductase from the bovine filarial parasite <i>Setaria cervi</i> : Studies on its localization and optimization of the extraction. International Journal of Biological Macromolecules, 2018, 107, 2375-2384.	3.6	19
21	Development of novel anti-filarial agents using carbamo(dithioperoxo)thioate derivatives. European Journal of Medicinal Chemistry, 2018, 143, 598-610.	2.6	23
22	Polyphenol enriched ethanolic extract of <i>Cajanus scarabaeoides</i> (L.) Thouars exerts potential antifilarial activity by inducing oxidative stress and programmed cell death. PLoS ONE, 2018, 13, e0208201.	1.1	15
23	Chitosan biopolymer functionalized gold nanoparticles with controlled cytotoxicity and improved antifilarial efficacy. Advanced Composites and Hybrid Materials, 2018, 1, 577-590.	9.9	30
24	Quinolone-fused cyclic sulfonamide as a novel benign antifilarial agent. Scientific Reports, 2018, 8, 12073.	1.6	26
25	Gut microbes as future therapeutics in treating inflammatory and infectious diseases: Lessons from recent findings. Journal of Nutritional Biochemistry, 2018, 61, 111-128.	1.9	66
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