

# Farhat Afrin

## List of Publications by Year in descending order

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60  
papers

2,644  
citations

136740

32  
h-index

189595

50  
g-index

63  
all docs

63  
docs citations

63  
times ranked

3814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Antileishmanial in vitro Effects of Highly Examined Gold Nanoparticles. International Journal of Nanomedicine, 2021, Volume 16, 7285-7295.	3.3	9
2	Cinnamomum cassia exhibits antileishmanial activity against Leishmania donovani infection in vitro and in vivo. PLoS Neglected Tropical Diseases, 2019, 13, e0007227.	1.3	24
3	Targeting malaria and leishmaniasis: Synthesis and pharmacological evaluation of novel pyrazole-1,3,4-oxadiazole hybrids. Part II. Bioorganic Chemistry, 2019, 89, 102986.	2.0	17
4	Leishmania-Host Interactions—An Epigenetic Paradigm. Frontiers in Immunology, 2019, 10, 492.	2.2	38
5	Introductory Chapter: Leishmaniasis: An Emerging Clinical Syndrome. , 2018, , .		0
6	Nanoliposomal artemisinin for the treatment of murine visceral leishmaniasis. International Journal of Nanomedicine, 2017, Volume 12, 2189-2204.	3.3	60
7	Î²-Nitrostyrenes as Potential Anti-leishmanial Agents. Frontiers in Microbiology, 2016, 7, 1379.	1.5	17
8	Immunotherapeutic Potential of Eugenol Emulsion in Experimental Visceral Leishmaniasis. PLoS Neglected Tropical Diseases, 2016, 10, e0005011.	1.3	38
9	Nanomedicines for Therapy of Visceral Leishmaniasis. Journal of Nanoscience and Nanotechnology, 2016, 16, 2143-2151.	0.9	7
10	Polarization of macrophages towards M1 phenotype by a combination of 2-deoxy- d -glucose and radiation: Implications for tumor therapy. Immunobiology, 2016, 221, 269-281.	0.8	33
11	Leishmanicidal Activity of Piper nigrum Bioactive Fractions is Interceded via Apoptosis In Vitro and Substantiated by Th1 Immunostimulatory Potential In Vivo. Frontiers in Microbiology, 2015, 6, 1368.	1.5	28
12	Th1-Biased Immunomodulation and Therapeutic Potential of Artemisia annua in Murine Visceral Leishmaniasis. PLoS Neglected Tropical Diseases, 2015, 9, e3321.	1.3	45
13	Therapeutic efficacy of artemisinin-loaded nanoparticles in experimental visceral leishmaniasis. Colloids and Surfaces B: Biointerfaces, 2015, 130, 215-221.	2.5	64
14	Apoptosis mediated leishmanicidal activity of Azadirachta indica bioactive fractions is accompanied by Th1 immunostimulatory potential and therapeutic cure in vivo. Parasites and Vectors, 2015, 8, 183.	1.0	31
15	Identification of inhibitors of Plasmodium falciparum RuvB1 helicase using biochemical assays. Protoplasma, 2015, 252, 117-125.	1.0	5
16	Enhanced Antitumor Immunity Contributes to the Radio-Sensitization of Ehrlich Ascites Tumor by the Glycolytic Inhibitor 2-Deoxy-D-Glucose in Mice. PLoS ONE, 2014, 9, e108131.	1.1	33
17	Leishmanicidal activities of Artemisia annua leaf essential oil against Visceral Leishmaniasis. Frontiers in Microbiology, 2014, 5, 626.	1.5	44
18	Transgene expression study of CXCR4 active mutants. Cell Adhesion and Migration, 2014, 8, 384-388.	1.1	5

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19	Isolation, characterization and antimicrobial evaluation of a novel compound N-octacosan 7 <sup>12</sup> ol, from <i>Fumaria parviflora</i> Lam. BMC Complementary and Alternative Medicine, 2014, 14, 98.	3.7	23
20	Exploring the Role of Medicinal Plant-Based Immunomodulators for Effective Therapy of Leishmaniasis. Frontiers in Immunology, 2014, 5, 193.	2.2	43
21	Apoptosis-like death in <i>Leishmania donovani</i> promastigotes induced by eugenol-rich oil of <i>Syzygium aromaticum</i> . Journal of Medical Microbiology, 2014, 63, 74-85.	0.7	51
22	A new approach for the delivery of artemisinin: Formulation, characterization, and ex-vivo antileishmanial studies. Journal of Colloid and Interface Science, 2014, 432, 258-269.	5.0	29
23	Antileishmanial Potential of <i>Piper</i> ; <i>Piper</i> ; <i>nigrum</i> ; Seed Extracts against <i>Leishmania</i> ; <i>donovani</i> . Open Journal of Medical Microbiology, 2014, 04, 228-235.	0.1	7
24	Conformal Coating (Encapsulation) of Human Single Cells by Biodegradable Chitosan Nanoparticles and Their Response Assessment <i>In Vitro</i> and <i>In Vivo</i> . Journal of Nanopharmaceutics and Drug Delivery, 2014, 2, 227-234.	0.3	1
25	Identification of R2TP complex of <i>Leishmania donovani</i> and <i>Plasmodium falciparum</i> using genome wide in-silico analysis. Communicative and Integrative Biology, 2013, 6, e26005.	0.6	14
26	High Throughput Transcriptome Profiling of Lithium Stimulated Human Mesenchymal Stem Cells Reveals Priming towards Osteoblastic Lineage. PLoS ONE, 2013, 8, e55769.	1.1	55
27	Regulated expression of CXCR4 constitutive active mutants revealed the up-modulated chemotaxis and up-regulation of genes crucial for CXCR4 mediated homing and engraftment of hematopoietic stem/progenitor cells. Journal of Stem Cells and Regenerative Medicine, 2013, 9, 19-27.	2.2	4
28	Extracts of <i>Artemisia annua</i> leaves and seeds mediate programmed cell death in <i>Leishmania donovani</i> . Journal of Medical Microbiology, 2012, 61, 1709-1718.	0.7	42
29	Novel RuvB nuclear ATPase is specific to intraerythrocytic mitosis during schizogony of <i>Plasmodium falciparum</i> . Molecular and Biochemical Parasitology, 2012, 185, 58-65.	0.5	16
30	In vitro antifungal activities of amphotericin B in combination with acteoside, a phenylethanoid glycoside from <i>Colebrookea oppositifolia</i> . Journal of Medical Microbiology, 2011, 60, 1326-1336.	0.7	34
31	Low-dose radiation therapy of cancer: role of immune enhancement. Expert Review of Anticancer Therapy, 2011, 11, 791-802.	1.1	62
32	Stromal-Derived Factor-1/CXCR4 Signaling: Indispensable Role in Homing and Engraftment of Hematopoietic Stem Cells in Bone Marrow. Stem Cells and Development, 2011, 20, 933-946.	1.1	115
33	High-Throughput Transcriptome Profiling Of Human Mesenchymal Stem Cells Reveals A Role For Wnt/GSK-3 Signaling In Their Hypoimmunomodulation. Nature Precedings, 2011, , .	0.1	2
34	In vitro antifungal activity of hydroxychavicol isolated from <i>Piper betle</i> L. Annals of Clinical Microbiology and Antimicrobials, 2010, 9, 7.	1.7	110
35	A cyanobacterial serine protease of <i>Plasmodium falciparum</i> is targeted to the apicoplast and plays an important role in its growth and development. Molecular Microbiology, 2010, 77, 873-890.	1.2	48
36	Protection of normal cells and tissues during radio- and chemosensitization of tumors by 2-deoxy-D-glucose. Journal of Cancer Research and Therapeutics, 2009, 5, 32.	0.3	18

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37	Mesenchymal stem cell-based therapy: a new paradigm in regenerative medicine. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 4385-4402.	1.6	235
38	Mesenchymal Stem Cells: Molecular Targets for Tissue Engineering. <i>Stem Cells and Development</i> , 2007, 16, 7-24.	1.1	157
39	Predominance of interaction among wild-type alleles of CYP11B2 in Himalayan natives associates with high-altitude adaptation. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 735-740.	1.0	25
40	Stem Cell c-KIT and HOXB4 Genes: Critical Roles and Mechanisms in Self-Renewal, Proliferation, and Differentiation. <i>Stem Cells and Development</i> , 2006, 15, 755-778.	1.1	55
41	Cytotoxic and radioprotective effects of <i>Podophyllum hexandrum</i> . <i>Environmental Toxicology and Pharmacology</i> , 2006, 22, 113-120.	2.0	12
42	Endothelin-1 gene variants and levels associate with adaptation to hypobaric hypoxia in high-altitude natives. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 1218-1224.	1.0	34
43	Radioprotective properties of apple polyphenols: An in vitro study. <i>Molecular and Cellular Biochemistry</i> , 2006, 288, 37-46.	1.4	31
44	Protection from radiation-induced mitochondrial and genomic DNA damage by an extract of <i>Hippophae rhamnoides</i> . <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 647-656.	0.9	32
45	Susceptibility to high altitude pulmonary oedema: role of ACE and ET-1 polymorphisms. <i>Thorax</i> , 2006, 61, 1011-1012.	2.7	42
46	<i>Leishmania</i> Antigens Are Presented to CD8+ T Cells by a Transporter Associated with Antigen Processing-Independent Pathway In Vitro and In Vivo. <i>Journal of Immunology</i> , 2006, 177, 3525-3533.	0.4	130
47	CYP11B2 gene polymorphisms and hypertension in highlanders accustomed to high salt intake. <i>Journal of Hypertension</i> , 2005, 23, 79-86.	0.3	29
48	Antigen Requirements for Efficient Priming of CD8+ T Cells by <i>Leishmania major</i> -Infected Dendritic Cells. <i>Infection and Immunity</i> , 2005, 73, 6620-6628.	1.0	48
49	Conditions Influencing the Efficacy of Vaccination with Live Organisms against <i>Leishmania major</i> Infection. <i>Infection and Immunity</i> , 2005, 73, 4714-4722.	1.0	75
50	eNOS allelic variants at the same locus associate with HAPE and adaptation. <i>Thorax</i> , 2004, 59, 1000-1002.	2.7	52
51	Characterization of <i>Leishmania donovani</i> Antigens Encapsulated in Liposomes That Induce Protective Immunity in BALB/c Mice. <i>Infection and Immunity</i> , 2002, 70, 6697-6706.	1.0	100
52	Infectivity and Virulence of <i>Leishmania donovani</i> Promastigotes+a Role for Media, Source, and Strain of Parasite. <i>Journal of Eukaryotic Microbiology</i> , 2002, 49, 270-274.	0.8	39
53	LEISHMANICIDAL ACTIVITY OF STEARYLAMINE-BEARING LIPOSOMES IN VITRO. <i>Journal of Parasitology</i> , 2001, 87, 188-193.	0.3	33
54	INDUCTION OF PARTIAL PROTECTION AGAINST LEISHMANIA DONOVANI BY PROMASTIGOTE ANTIGENS IN NEGATIVELY CHARGED LIPOSOMES. <i>Journal of Parasitology</i> , 2000, 86, 730.	0.3	38

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55	Antileishmanial Activities of Stearylamine-Bearing Liposomes. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1739-1742.	1.4	48
56	Immunoglobulin Subclass Distribution and Diagnostic Value of <i>Leishmania donovani</i> Antigen-Specific Immunoglobulin G3 in Indian Kala-Azar Patients. <i>Vaccine Journal</i> , 1999, 6, 231-235.	2.6	36
57	Differential Decline in <i>Leishmania</i> Membrane Antigen-Specific Immunoglobulin G (IgG), IgM, IgE, and IgG Subclass Antibodies in Indian Kala-Azar Patients after Chemotherapy. <i>Infection and Immunity</i> , 1999, 67, 6663-6669.	1.0	53
58	Isotype Profiles of <i>Leishmania donovani</i> -Infected BALB/c Mice: Preferential Stimulation of IgG2a/b by Liposome-Associated Promastigote Antigens. <i>Journal of Parasitology</i> , 1998, 84, 743.	0.3	21
59	Protection of Mice against Visceral Leishmaniasis by Immunization with Promastigote Antigen Incorporated in Liposomes. <i>Journal of Parasitology</i> , 1997, 83, 70.	0.3	33
60	Adjuvanticity and protective immunity elicited by <i>Leishmania donovani</i> antigens encapsulated in positively charged liposomes. <i>Infection and Immunity</i> , 1997, 65, 2371-2377.	1.0	103