

Farhat Afrin

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | Mesenchymal Stem Cells: Molecular Targets for Tissue Engineering. <i>Stem Cells and Development</i> , 2007, 16, 7-24. | 1.1 | 157 |
| 3 | <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 |
| 4 | Stromal-Derived Factor-1/CXCR4 Signaling: Indispensable Role in Homing and Engraftment of Hematopoietic Stem Cells in Bone Marrow. <i>Stem Cells and Development</i> , 2011, 20, 933-946. | 1.1 | 115 |
| 5 | In vitro antifungal activity of hydroxychavicol isolated from Piper betle L. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2010, 9, 7. | 1.7 | 110 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Therapeutic efficacy of artemisinin-loaded nanoparticles in experimental visceral leishmaniasis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 130, 215-221. | 2.5 | 64 |
| 10 | Low-dose radiation therapy of cancer: role of immune enhancement. <i>Expert Review of Anticancer Therapy</i> , 2011, 11, 791-802. | 1.1 | 62 |
| 11 | Nanoliposomal artemisinin for the treatment of murine visceral leishmaniasis. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2189-2204. | 3.3 | 60 |
| 12 | 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 |
| 13 | High Throughput Transcriptome Profiling of Lithium Stimulated Human Mesenchymal Stem Cells Reveals Priming towards Osteoblastic Lineage. <i>PLoS ONE</i> , 2013, 8, e55769. | 1.1 | 55 |
| 14 | 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 |
| 15 | eNOS allelic variants at the same locus associate with HAPE and adaptation. <i>Thorax</i> , 2004, 59, 1000-1002. | 2.7 | 52 |
| 16 | Apoptosis-like death in <i>Leishmania donovani</i> promastigotes induced by eugenol-rich oil of <i>Syzygium aromaticum</i> . <i>Journal of Medical Microbiology</i> , 2014, 63, 74-85. | 0.7 | 51 |
| 17 | Antileishmanial Activities of Stearylamine-Bearing Liposomes. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1739-1742. | 1.4 | 48 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | A cyanobacterial serine protease of <i>Plasmodium falciparum</i> is targeted to the apicoplast and plays an important role in its growth and development. <i>Molecular Microbiology</i> , 2010, 77, 873-890. | 1.2 | 48 |
| 20 | Th1-Biased Immunomodulation and Therapeutic Potential of <i>Artemisia annua</i> in Murine Visceral Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e3321. | 1.3 | 45 |
| 21 | Leishmanicidal activities of <i>Artemisia annua</i> leaf essential oil against Visceral Leishmaniasis. <i>Frontiers in Microbiology</i> , 2014, 5, 626. | 1.5 | 44 |
| 22 | Exploring the Role of Medicinal Plant-Based Immunomodulators for Effective Therapy of Leishmaniasis. <i>Frontiers in Immunology</i> , 2014, 5, 193. | 2.2 | 43 |
| 23 | Susceptibility to high altitude pulmonary oedema: role of ACE and ET-1 polymorphisms. <i>Thorax</i> , 2006, 61, 1011-1012. | 2.7 | 42 |
| 24 | Extracts of <i>Artemisia annua</i> leaves and seeds mediate programmed cell death in <i>Leishmania donovani</i> . <i>Journal of Medical Microbiology</i> , 2012, 61, 1709-1718. | 0.7 | 42 |
| 25 | 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 |
| 26 | 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 |
| 27 | Immunotherapeutic Potential of Eugenol Emulsion in Experimental Visceral Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005011. | 1.3 | 38 |
| 28 | <i>Leishmania</i> -Host Interactions—An Epigenetic Paradigm. <i>Frontiers in Immunology</i> , 2019, 10, 492. | 2.2 | 38 |
| 29 | 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 |
| 30 | 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 |
| 31 | In vitro antifungal activities of amphotericin B in combination with acteoside, a phenylethanoid glycoside from <i>Colebrookea oppositifolia</i> . <i>Journal of Medical Microbiology</i> , 2011, 60, 1326-1336. | 0.7 | 34 |
| 32 | 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 |
| 33 | LEISHMANICIDAL ACTIVITY OF STEARYLAMINE-BEARING LIPOSOMES IN VITRO. <i>Journal of Parasitology</i> , 2001, 87, 188-193. | 0.3 | 33 |
| 34 | Enhanced Antitumor Immunity Contributes to the Radio-Sensitization of Ehrlich Ascites Tumor by the Glycolytic Inhibitor 2-Deoxy-D-Glucose in Mice. <i>PLoS ONE</i> , 2014, 9, e108131. | 1.1 | 33 |
| 35 | Polarization of macrophages towards M1 phenotype by a combination of 2-deoxy- d -glucose and radiation: Implications for tumor therapy. <i>Immunobiology</i> , 2016, 221, 269-281. | 0.8 | 33 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | Radioprotective properties of apple polyphenols: An in vitro study. <i>Molecular and Cellular Biochemistry</i> , 2006, 288, 37-46. | 1.4 | 31 |
| 38 | Apoptosis mediated leishmanicidal activity of <i>Azadirachta indica</i> bioactive fractions is accompanied by Th1 immunostimulatory potential and therapeutic cure in vivo. <i>Parasites and Vectors</i> , 2015, 8, 183. | 1.0 | 31 |
| 39 | CYP11B2 gene polymorphisms and hypertension in highlanders accustomed to high salt intake. <i>Journal of Hypertension</i> , 2005, 23, 79-86. | 0.3 | 29 |
| 40 | A new approach for the delivery of artemisinin: Formulation, characterization, and ex-vivo antileishmanial studies. <i>Journal of Colloid and Interface Science</i> , 2014, 432, 258-269. | 5.0 | 29 |
| 41 | Leishmanicidal Activity of <i>Piper nigrum</i> Bioactive Fractions is Interceded via Apoptosis In Vitro and Substantiated by Th1 Immunostimulatory Potential In Vivo. <i>Frontiers in Microbiology</i> , 2015, 6, 1368. | 1.5 | 28 |
| 42 | 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 |
| 43 | <i>Cinnamomum cassia</i> exhibits antileishmanial activity against <i>Leishmania donovani</i> infection in vitro and in vivo. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007227. | 1.3 | 24 |
| 44 | Isolation, characterization and antimicrobial evaluation of a novel compound N-octacosan 7 $\hat{2}$ ol, from <i>Fumaria parviflora</i> Lam. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 98. | 3.7 | 23 |
| 45 | 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 |
| 46 | Protection of normal cells and tissues during radio- and chemosensitization of tumors by 2-deoxy-D-glucose. <i>Journal of Cancer Research and Therapeutics</i> , 2009, 5, 32. | 0.3 | 18 |
| 47 | $\hat{2}$ -Nitrostyrenes as Potential Anti-leishmanial Agents. <i>Frontiers in Microbiology</i> , 2016, 7, 1379. | 1.5 | 17 |
| 48 | Targeting malaria and leishmaniasis: Synthesis and pharmacological evaluation of novel pyrazole-1,3,4-oxadiazole hybrids. Part II. <i>Bioorganic Chemistry</i> , 2019, 89, 102986. | 2.0 | 17 |
| 49 | Novel RuvB nuclear ATPase is specific to intraerythrocytic mitosis during schizogony of <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2012, 185, 58-65. | 0.5 | 16 |
| 50 | Identification of R2TP complex of <i>Leishmania donovani</i> and <i>Plasmodium falciparum</i> using genome wide in-silico analysis. <i>Communicative and Integrative Biology</i> , 2013, 6, e26005. | 0.6 | 14 |
| 51 | Cytotoxic and radioprotective effects of <i>Podophyllum hexandrum</i> . <i>Environmental Toxicology and Pharmacology</i> , 2006, 22, 113-120. | 2.0 | 12 |
| 52 | Critical Antileishmanial in vitro Effects of Highly Examined Gold Nanoparticles. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7285-7295. | 3.3 | 9 |
| 53 | Nanomedicines for Therapy of Visceral Leishmaniasis. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 2143-2151. | 0.9 | 7 |
| 54 | Antileishmanial Potential of $\hat{2}$ -Nitrostyrenes and <i>Piper nigrum</i> Seed Extracts against <i>Leishmania donovani</i> . <i>Open Journal of Medical Microbiology</i> , 2014, 04, 228-235. | 0.1 | 7 |

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|----|--|-----|-----------|
| 55 | Transgene expression study of CXCR4 active mutants. Cell Adhesion and Migration, 2014, 8, 384-388. | 1.1 | 5 |
| 56 | Identification of inhibitors of Plasmodium falciparum RuvB1 helicase using biochemical assays. Protoplasma, 2015, 252, 117-125. | 1.0 | 5 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | Introductory Chapter: Leishmaniasis: An Emerging Clinical Syndrome. , 2018, , . | | 0 |