# Rajiv Kumar

List of Publications by Year
in descending order



| 43 | 2,128 | 257101 24 | 243296 44 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 44 | 44 | 44 | 2889 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | IL-10 Neutralization Promotes Parasite Clearance in Splenic Aspirate Cells From Patients With Visceral Leishmaniasis. Journal of Infectious Diseases, 2011, 204, 1134-1137. | 1.9 | 166 |
| 2 | Immunobiology of visceral leishmaniasis. Frontiers in Immunology, 2012, 3, 251. | 2.2 | 159 |
| 3 | Vaccines to prevent leishmaniasis. Clinical and Translational Immunology, 2014, 3, e13. | 1.7 | 142 |
| 4 | IL-27 and IL-21 Are Associated with T Cell IL-10 Responses in Human Visceral Leishmaniasis. Journal of Immunology, 2011, 186, 3977-3985. | 0.4 | 130 |
| 5 | CD8 T Cell Exhaustion in Human Visceral Leishmaniasis. Journal of Infectious Diseases, 2014, 209, 290-299. | 1.9 | 120 |
| 6 | Immune Regulation during Chronic Visceral Leishmaniasis. PLoS Neglected Tropical Diseases, 2014, 8, e2914. | 1.3 | 112 |
| 7 | The NK cell granule protein NKG7 regulates cytotoxic granule exocytosis and inflammation. Nature Immunology, 2020, 21, 1205-1218. | 7.0 | 110 |
| 8 | Longlasting insecticidal nets for prevention of Leishmania donovani infection in India and Nepal: paired cluster randomised trial. BMJ: British Medical Journal, 2010, 341, c6760-c6760. | 2.4 | 95 |
| 9 | Reassessment of Immune Correlates in Human Visceral Leishmaniasis as Defined by Cytokine Release in Whole Blood. Vaccine Journal, 2012, 19, 961-966. | 3.2 | 92 |
| 10 | Blimp-1-Dependent IL-10 Production by Tr1 Cells Regulates TNF-Mediated Tissue Pathology. PLoS Pathogens, 2016, 12, e1005398. | 2.1 | 92 |
| 11 | Type I Interferons Regulate Immune Responses in Humans with Blood-Stage Plasmodium falciparum Infection. Cell Reports, 2016, 17, 399-412. | 2.9 | 88 |
| 12 | The Role of IL-10 in Malaria: A Double Edged Sword. Frontiers in Immunology, 2019, 10, 229. | 2.2 | 87 |
| 13 | Persistence of Leishmania donovani Antibodies in Past Visceral Leishmaniasis Cases in India. Vaccine Journal, 2011, 18, 346-348. | 3.2 | 69 |
| 14 | Leishmania Specific CD4 T Cells Release IFNÎ³ That Limits Parasite Replication in Patients with Visceral Leishmaniasis. PLoS Neglected Tropical Diseases, 2014, 8, e3198. | 1.3 | 63 |
| 15 | Measurement of Recent Exposure to Phlebotomus argentipes, the Vector of Indian Visceral Leishmaniasis, by Using Human Antibody Responses to Sand Fly Saliva. American Journal of Tropical Medicine and Hygiene, 2010, 82, 801-807. | 0.6 | 57 |
| 16 | IgG1 as a Potential Biomarker of Post-chemotherapeutic Relapse in Visceral Leishmaniasis, and Adaptation to a Rapid Diagnostic Test. PLoS Neglected Tropical Diseases, 2014, 8, e3273. | 1.3 | 48 |
| 17 | Interferon-Gamma Release Assay (Modified QuantiFERON) as a Potential Marker of Infection for Leishmania donovani, a Proof of Concept Study. PLoS Neglected Tropical Diseases, 2011, 5, e1042. | 1.3 | 45 |
| 18 | Significantly Lower Anti-Leishmania IgG Responses in Sudanese versus Indian Visceral Leishmaniasis. PLoS Neglected Tropical Diseases, 2014, 8, e2675. | 1.3 | 40 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Distinct Roles for CD4+ Foxp3+ Regulatory T Cells and IL-10â€“Mediated Immunoregulatory Mechanisms during Experimental Visceral Leishmaniasis Caused by Leishmania donovani. Journal of Immunology, 2018, 201, 3362-3372. | 0.4 | 34 |
| 20 | Type I Interferons Suppress Anti-parasitic Immunity and Can Be Targeted to Improve Treatment of Visceral Leishmaniasis. Cell Reports, 2020, 30, 2512-2525.e9. | 2.9 | 34 |
| 21 | Combined Immune Therapy for the Treatment of Visceral Leishmaniasis. PLoS Neglected Tropical Diseases, 2016, 10, e0004415. | 1.3 | 33 |
| 22 | Immune Checkpoint Targets for Host-Directed Therapy to Prevent and Treat Leishmaniasis. Frontiers in Immunology, 2017, 8, 1492. | 2.2 | 33 |
| 23 | Evaluation of Ex Vivo Human Immune Response against Candidate Antigens for a Visceral Leishmaniasis Vaccine. American Journal of Tropical Medicine and Hygiene, 2010, 82, 808-813. | 0.6 | 32 |
| 24 | The regulation of CD4 + T cells during malaria. Immunological Reviews, 2020, 293, 70-87. | 2.8 | 29 |
| 25 | IL-17Aâ€“Producing Î³Î´ T Cells Suppress Early Control of Parasite Growth by Monocytes in the Liver. Journal of Immunology, 2015, 195, 5707-5717. | 0.4 | 25 |
| 26 | Peripheral Blood Monocytes With an Antiinflammatory Phenotype Display Limited Phagocytosis and Oxidative Burst in Patients With Visceral Leishmaniasis. Journal of Infectious Diseases, 2018, 218, 1130-1141. | 1.9 | 17 |
| 27 | Amphiregulin in cellular physiology, health, and disease: Potential use as a biomarker and therapeutic target. Journal of Cellular Physiology, 2022, 237, 1143-1156. | 2.0 | 17 |
| 28 | Rapid loss of group 1 innate lymphoid cells during blood stage Plasmodium infection. Clinical and Translational Immunology, 2018, 7, e1003. | 1.7 | 16 |
| 29 | Mass Spectrometry-Based Technology and Workflows for Studying the Chemistry of Fungal Endophyte Derived Bioactive Compounds. ACS Chemical Biology, 2021, 16, 2068-2086. | 1.6 | 16 |
| 30 | Mast cells fuel the fire of malaria immunopathology. Nature Medicine, 2013, 19, 672-674. | 15.2 | 13 |
| 31 | The Phenotype of Circulating Neutrophils during Visceral Leishmaniasis. American Journal of Tropical Medicine and Hygiene, 2017, 97, 767-770. | 0.6 | 13 |
| 32 | Evaluation of rk39 immunochromatographic test with urine for diagnosis of visceral leishmaniasis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2011, 105, 537-539. | 0.7 | 12 |
| 33 | A molecular signature for CD8<sup>+</sup> T cells from visceral leishmaniasis patients. Parasite Immunology, 2019, 41, e12669. | 0.7 | 12 |
| 34 | Tumor necrosis factor alpha neutralization has no direct effect on parasite burden, but causes impaired IFN-Î³ production by spleen cells from human visceral leishmaniasis patients. Cytokine, 2016, 85, 184-190. | 1.4 | 10 |
| 35 | IL-10 and TGF-Î² Induced Arginase Expression Contributes to Deficient Nitric Oxide Response in Human Visceral Leishmaniasis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 614165. | 1.8 | 10 |
| 36 | Galectin-1 Impairs the Generation of Anti-Parasitic Th1 Cell Responses in the Liver during Experimental Visceral Leishmaniasis. Frontiers in Immunology, 2017, 8, 1307. | 2.2 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Interleukin 2 is an Upstream Regulator of CD4+ T Cells From Visceral Leishmaniasis Patients With Therapeutic Potential. Journal of Infectious Diseases, 2019, 220, 163-173. | 1.9 | 8 |
| 38 | Immunoselective algorithm to devise multi-epitope subunit vaccine fighting against human cytomegalovirus infection. Infection, Genetics and Evolution, 2020, 82, 104282. | 1.0 | 7 |
| 39 | Emerging role of Î³Î´ T cells in protozoan infection and their potential clinical application. Infection, Genetics and Evolution, 2022, 98, 105210. | 1.0 | 6 |
| 40 | The Role of BACH2 in T Cells in Experimental Malaria Caused by Plasmodium chabaudi chabaudi AS. Frontiers in Immunology, 2018, 9, 2578. | 2.2 | 5 |
| 41 | Antiâ€“Interleukin-10 Unleashes Transcriptional Response to Leishmanial Antigens in Visceral Leishmaniasis Patients. Journal of Infectious Diseases, 2021, 223, 517-521. | 1.9 | 5 |
| 42 | Increased amphiregulin expression by CD4<sup>+</sup> T cells from individuals with asymptomatic Leishmania donovani infection. Clinical and Translational Immunology, 2022, 11, . | 1.7 | 5 |
| 43 | Particle induced X-ray emission study of blood samples of Indian Kala-azar patients. Journal of Parasitic Diseases, 2017, 41, 193-198. | 0.4 | 4 |