

Pawan Sharma

List of Publications by Year in descending order

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66
papers

2,220
citations

201674

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233421

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66
all docs

66
docs citations

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times ranked

3183
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The PPE18 of <i>Mycobacterium tuberculosis</i> Interacts with TLR2 and Activates IL-10 Induction in Macrophage. <i>Journal of Immunology</i> , 2009, 183, 6269-6281. | 0.8 | 189 |
| 2 | Identification of a novel role of ESAT-6-dependent miR-155 induction during infection of macrophages with <i>Mycobacterium tuberculosis</i> . <i>Cellular Microbiology</i> , 2012, 14, 1620-1631. | 2.1 | 146 |
| 3 | Early Secreted Antigen ESAT-6 of <i>Mycobacterium tuberculosis</i> Promotes Protective T Helper 17 Cell Responses in a Toll-Like Receptor-2-dependent Manner. <i>PLoS Pathogens</i> , 2011, 7, e1002378. | 4.7 | 137 |
| 4 | Pathogen-Specific Treg Cells Expand Early during <i>Mycobacterium tuberculosis</i> Infection but Are Later Eliminated in Response to Interleukin-12. <i>Immunity</i> , 2013, 38, 1261-1270. | 14.3 | 126 |
| 5 | <i>Mycobacterium tuberculosis</i> evades host immunity by recruiting mesenchymal stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21653-21658. | 7.1 | 101 |
| 6 | Immunogenic membrane-associated proteins of <i>Mycobacterium tuberculosis</i> revealed by proteomics. <i>Microbiology (United Kingdom)</i> , 2005, 151, 2411-2419. | 1.8 | 99 |
| 7 | <i>Mycobacterium tuberculosis</i> secretory proteins CFP10, ESAT6 and the CFP10:ESAT6 complex inhibit lipopolysaccharide-induced NF- κ B transactivation by downregulation of reactive oxidative species (ROS) production. <i>Immunology and Cell Biology</i> , 2008, 86, 98-106. | 2.3 | 80 |
| 8 | T Cells from Programmed Death-1 Deficient Mice Respond Poorly to <i>Mycobacterium tuberculosis</i> Infection. <i>PLoS ONE</i> , 2011, 6, e19864. | 2.5 | 74 |
| 9 | Role of <i>M. tuberculosis</i> RD-1 region encoded secretory proteins in protective response and virulence. <i>Tuberculosis</i> , 2008, 88, 510-517. | 1.9 | 68 |
| 10 | "Universal" T helper cell determinants enhance immunogenicity of a <i>Plasmodium falciparum</i> merozoite surface antigen peptide. <i>Journal of Immunology</i> , 1992, 148, 1499-505. | 0.8 | 66 |
| 11 | Role of PPE18 Protein in Intracellular Survival and Pathogenicity of <i>Mycobacterium tuberculosis</i> in Mice. <i>PLoS ONE</i> , 2012, 7, e52601. | 2.5 | 52 |
| 12 | Innate immune responses to <i>M. tuberculosis</i> infection. <i>Tuberculosis</i> , 2011, 91, 427-431. | 1.9 | 49 |
| 13 | Cloning, expression, and purification of a novel recombinant antigen from <i>Leishmania donovani</i> . <i>Protein Expression and Purification</i> , 2006, 46, 156-165. | 1.3 | 48 |
| 14 | Comparative proteomic analysis of sequential isolates of <i>Mycobacterium tuberculosis</i> from a patient with pulmonary tuberculosis turning from drug sensitive to multidrug resistant. <i>Indian Journal of Medical Research</i> , 2015, 141, 27. | 1.0 | 44 |
| 15 | Effect of <i>Mycobacterium tuberculosis</i> -Specific 10-Kilodalton Antigen on Macrophage Release of Tumor Necrosis Factor Alpha and Nitric Oxide. <i>Infection and Immunity</i> , 2002, 70, 6558-6566. | 2.2 | 43 |
| 16 | Immunomodulatory action of mycobacterial secretory proteins. <i>Microbes and Infection</i> , 2004, 6, 513-519. | 1.9 | 43 |
| 17 | <i>Mycobacterium tuberculosis</i> 6-kDa Early Secreted Antigenic Target (ESAT-6) protein downregulates Lipopolysaccharide induced c-myc expression by modulating the Extracellular Signal Regulated Kinases 1/2. <i>BMC Immunology</i> , 2007, 8, 24. | 2.2 | 43 |
| 18 | <i>Mycobacterium tuberculosis</i> Antigens Induce the Differentiation of Dendritic Cells from Bone Marrow. <i>Journal of Immunology</i> , 2002, 169, 6856-6864. | 0.8 | 41 |

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|----|--|-----|-----------|
| 19 | Evaluation of anti-leishmanial activity of selected Indian plants known to have antimicrobial properties. <i>Parasitology Research</i> , 2009, 105, 1287-1293. | 1.6 | 41 |
| 20 | A conserved peptide sequence of the <i>Plasmodium falciparum</i> circumsporozoite protein and antipeptide antibodies inhibit <i>Plasmodium berghei</i> sporozoite invasion of Hep-G2 cells and protect immunized mice against <i>P. berghei</i> sporozoite challenge. <i>Infection and Immunity</i> , 1995, 63, 4375-4381. | 2.2 | 37 |
| 21 | Down-Regulation of T Helper 1 Responses to Mycobacterial Antigens Due to Maturation of Dendritic Cells by 10-kDa Mycobacterium tuberculosis Secretory Antigen. <i>Journal of Infectious Diseases</i> , 2003, 187, 914-928. | 4.0 | 36 |
| 22 | ESAT6 differentially inhibits IFN- γ -inducible class II transactivator isoforms in both a TLR2-dependent and -independent manner. <i>Immunology and Cell Biology</i> , 2012, 90, 411-420. | 2.3 | 35 |
| 23 | Mycobacterium tuberculosis TlyA Protein Negatively Regulates T Helper (Th) 1 and Th17 Differentiation and Promotes Tuberculosis Pathogenesis. <i>Journal of Biological Chemistry</i> , 2015, 290, 14407-14417. | 3.4 | 35 |
| 24 | A multivalent combination of experimental antituberculosis DNA vaccines based on Ag85B and regions of difference antigens. <i>Microbes and Infection</i> , 2006, 8, 2390-2399. | 1.9 | 32 |
| 25 | Nontuberculous mycobacterial infections in Indian AIDS patients detected by a novel set of ESAT-6 polymerase chain reaction primers. <i>Japanese Journal of Infectious Diseases</i> , 2007, 60, 14-8. | 1.2 | 32 |
| 26 | Emergence and Molecular Characterization of Extensively Drug-Resistant <i>Mycobacterium tuberculosis</i> Clinical Isolates from the Delhi Region in India. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4789-4793. | 3.2 | 30 |
| 27 | Expression and characterization of a recombinant kinesin antigen from an old Indian strain (DD8) of <i>Leishmania donovani</i> and comparing it with a commercially available antigen from a newly isolated (KE16) strain of <i>L. donovani</i> . <i>Infection, Genetics and Evolution</i> , 2008, 8, 313-322. | 2.3 | 28 |
| 28 | Antibodies to a conserved-motif peptide sequence of the <i>Plasmodium falciparum</i> thrombospondin-related anonymous protein and circumsporozoite protein recognize a 78-kilodalton protein in the asexual blood stages of the parasite and inhibit merozoite invasion in vitro. <i>Infection and Immunity</i> , 1996, 64, 2172-2179. | 2.2 | 28 |
| 29 | Induction of Protective Immune Responses by Immunization with Linear Multiepitope Peptides Based on Conserved Sequences from <i>Plasmodium falciparum</i> Antigens. <i>Infection and Immunity</i> , 1998, 66, 3232-3241. | 2.2 | 28 |
| 30 | Expression and purification of the Mycobacterium tuberculosis complex-restricted antigen CFP21 to study its immunoprophylactic potential in mouse model. <i>Protein Expression and Purification</i> , 2006, 48, 274-280. | 1.3 | 27 |
| 31 | ESAT-6 induced COX-2 expression involves coordinated interplay between PI3K and MAPK signaling. <i>Molecular Immunology</i> , 2012, 49, 655-663. | 2.2 | 27 |
| 32 | Supplementation with RD antigens enhances the protective efficacy of BCG in tuberculous mice. <i>Clinical Immunology</i> , 2007, 125, 173-183. | 3.2 | 26 |
| 33 | Intracellular expression of Mycobacterium tuberculosis -specific 10-kDa antigen down-regulates macrophage B7-1 expression and nitric oxide release. <i>Clinical and Experimental Immunology</i> , 2003, 134, 70-77. | 2.6 | 22 |
| 34 | Activity of Trifluoperazine against Replicating, Non-Replicating and Drug Resistant <i>M. tuberculosis</i> . <i>PLoS ONE</i> , 2012, 7, e44245. | 2.5 | 22 |
| 35 | Characterization of Protective Epitopes in a Highly Conserved <i>Plasmodium falciparum</i> Antigenic Protein Containing Repeats of Acidic and Basic Residues. <i>Infection and Immunity</i> , 1998, 66, 2895-2904. | 2.2 | 22 |
| 36 | Cross-regulation of CD86 by CD80 differentially regulates T helper responses from Mycobacterium tuberculosis secretory antigen-activated dendritic cell subsets. <i>Journal of Leukocyte Biology</i> , 2004, 75, 874-883. | 3.3 | 20 |

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|----|---|-----|-----------|
| 37 | Cloning and characterization of aspartate-beta-semialdehyde dehydrogenase from Mycobacterium tuberculosis H37 Rv. Journal of Applied Microbiology, 2005, 98, 832-838. | 3.1 | 19 |
| 38 | Co-dominant and reciprocal T-helper cell activity of epitopic sequences and formation of junctional B-cell determinants in synthetic T:B chimeric immunogens. Vaccine, 1993, 11, 1321-1326. | 3.8 | 18 |
| 39 | Mycobacterium tuberculosis secreted antigen (MTSA-10) modulates macrophage function by redox regulation of phosphatases. FEBS Journal, 2006, 273, 5517-5534. | 4.7 | 18 |
| 40 | Evaluation of 5 Novel protein biomarkers for the rapid diagnosis of pulmonary and extra-pulmonary tuberculosis: preliminary results. Scientific Reports, 2017, 7, 44121. | 3.3 | 18 |
| 41 | Kinesin Motor Domain of <i>Leishmania donovani</i> as a Future Vaccine Candidate. Vaccine Journal, 2008, 15, 836-842. | 3.1 | 17 |
| 42 | Regulation of immune responses to Mycobacterium tuberculosis secretory antigens by dendritic cells. Tuberculosis, 2005, 85, 377-383. | 1.9 | 15 |
| 43 | Fine specificity of immune responses to epitopic sequences in synthetic peptides containing B and T epitopes from the conserved Plasmodium falciparum blood-stage antigens. Vaccine, 1995, 13, 1474-1481. | 3.8 | 13 |
| 44 | Immunogenicity and Efficacy Trials in Aotus Nancymai Monkeys with Model Compounds Representing Parts of a 75-kD Merozoite Surface Antigen of Plasmodium Falciparum. American Journal of Tropical Medicine and Hygiene, 1992, 46, 691-707. | 1.4 | 13 |
| 45 | Merozoite surface antigen 2 (MSA-2) gene of Plasmodium falciparum strains from India. Molecular and Biochemical Parasitology, 1995, 74, 125-127. | 1.1 | 12 |
| 46 | Mycobacterium tuberculosis 6kDa early secreted antigenic target stimulates activation of J774 macrophages. Immunology Letters, 2005, 98, 180-188. | 2.5 | 12 |
| 47 | Epidemiological analysis of <i>Neisseria gonorrhoeae</i> isolates by antimicrobial susceptibility testing, auxotyping and serotyping. Indian Journal of Medical Microbiology, 2007, 25, 225. | 0.8 | 10 |
| 48 | Synthetic, immunological and structural studies on repeat unit peptides of <i>Plasmodium falciparum</i> antigens. International Journal of Peptide and Protein Research, 1990, 36, 515-521. | 0.1 | 9 |
| 49 | Molecular Typing of <i>Neisseria gonorrhoeae</i> Isolates by Opa-Typing and Ribotyping in New Delhi, India. International Journal of Microbiology, 2009, 2009, 1-6. | 2.3 | 8 |
| 50 | Immunogenicity of candidate chimeric DNA vaccine against tuberculosis and leishmaniasis. Vaccine, 2009, 27, 5152-5160. | 3.8 | 8 |
| 51 | Evaluation of the diagnostic potential of region of deletion-1 encoded antigen culture filtrate protein-10 in pulmonary tuberculosis. Diagnostic Microbiology and Infectious Disease, 2007, 59, 295-302. | 1.8 | 7 |
| 52 | Improved diagnosis of tuberculosis in HIV-positive patients using RD1-encoded antigen CFP-10. International Journal of Infectious Diseases, 2009, 13, 613-622. | 3.3 | 7 |
| 53 | Challenges in Tuberculosis Diagnosis and Management: Recommendations of the Expert Panel. Journal of Laboratory Physicians, 2015, 7, 001-003. | 1.1 | 7 |
| 54 | Molecular modelling and comparative structural account of aspartyl semialdehyde dehydrogenase of Mycobacterium tuberculosis (H37Rv). Journal of Molecular Modeling, 2008, 14, 249-263. | 1.8 | 6 |

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|----|---|-----|-----------|
| 55 | IL-10 down-regulates the expression of survival associated gene hspX of Mycobacterium tuberculosis in murine macrophage. Brazilian Journal of Infectious Diseases, 2017, 21, 386-390. | 0.6 | 6 |
| 56 | Immuno-Potentiating Role of Encapsulated Proteins of Infectious Diseases in Biopolymeric Nanoparticles as a Potential Delivery System. Journal of Biomedical Nanotechnology, 2011, 7, 63-64. | 1.1 | 5 |
| 57 | Encapsulation of Antigenic Secretory Proteins of Mycobacterium tuberculosis in Biopolymeric Nanoparticles for Possible Aerosol Delivery System. Journal of Bionanoscience, 2011, 5, 88-95. | 0.4 | 4 |
| 58 | Immune responses mediating survival of naive BALB/c mice experimentally infected with lethal rodent malaria parasite, Plasmodium yoelii nigeriensis. Microbes and Infection, 2000, 2, 473-480. | 1.9 | 3 |
| 59 | Comparative proteomic analysis of sequential isolates of Mycobacterium tuberculosis sensitive and resistant Beijing type from a patient with pulmonary tuberculosis. International Journal of Mycobacteriology, 2016, 5, S123-S124. | 0.6 | 3 |
| 60 | Mycobacterium tuberculosis secreted antigen (MTSA-10) inhibits macrophage response to lipopolysaccharide by redox regulation of phosphatases. Indian Journal of Experimental Biology, 2009, 47, 505-19. | 0.0 | 2 |
| 61 | Antibody responses stimulated in rabbits, guinea-pigs and mice by recombinant and synthetic portions of a 75 kDa malarial merozoite protein. Vaccine, 1992, 10, 540-546. | 3.8 | 1 |
| 62 | Role of DBT in Promoting Biotechnology-Based Development in North East India. Current Science, 2016, 110, 562. | 0.8 | 1 |
| 63 | Pattern of relapses in sporozoite induced Plasmodium cynomolgi B infection in rhesus monkeys. Journal of Communicable Diseases, 1990, 22, 98-101. | 0.1 | 1 |
| 64 | Rapid diagnosis of amoebic liver abscess using Entamoeba histolytica antigen. Archivos De Investigaci3n M3dica, 1981, 12, 553-7. | 0.0 | 0 |
| 65 | Changes in concentration of lymphocytes subpopulations in Rhesus monkey during Plasmodium knowlesi infection and in drug-cured immune monkeys. Indian Journal of Malariology, 1984, 21, 31-6. | 0.0 | 0 |
| 66 | Evaluation of Plasmodium cynomolgi B antigen in enzyme linked immunosorbent assay (ELISA) test for human malaria. Indian Journal of Malariology, 1984, 21, 71-8. | 0.0 | 0 |