

# Pawan Sharma

## List of Publications by Year in descending order

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66  
papers

2,220  
citations

201674

27  
h-index

233421

45  
g-index

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all docs

66  
docs citations

66  
times ranked

3183  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Role of DBT in Promoting Biotechnology-Based Development in North East India. Current Science, 2016, 110, 562.	0.8	1
5	Challenges in Tuberculosis Diagnosis and Management: Recommendations of the Expert Panel. Journal of Laboratory Physicians, 2015, 7, 001-003.	1.1	7
6	Mycobacterium tuberculosis TlyA Protein Negatively Regulates T Helper (Th) 1 and Th17 Differentiation and Promotes Tuberculosis Pathogenesis. Journal of Biological Chemistry, 2015, 290, 14407-14417.	3.4	35
7	Comparative proteomic analysis of sequential isolates of Mycobacterium tuberculosis from a patient with pulmonary tuberculosis turning from drug sensitive to multidrug resistant. Indian Journal of Medical Research, 2015, 141, 27.	1.0	44
8	Pathogen-Specific Treg Cells Expand Early during Mycobacterium tuberculosis Infection but Are Later Eliminated in Response to Interleukin-12. Immunity, 2013, 38, 1261-1270.	14.3	126
9	ESAT6 differentially inhibits IFN- $\gamma$ -inducible class II transactivator isoforms in both a TLR2-dependent and -independent manner. Immunology and Cell Biology, 2012, 90, 411-420.	2.3	35
10	Activity of Trifluoperazine against Replicating, Non-Replicating and Drug Resistant M. tuberculosis. PLoS ONE, 2012, 7, e44245.	2.5	22
11	ESAT-6 induced COX-2 expression involves coordinated interplay between PI3K and MAPK signaling. Molecular Immunology, 2012, 49, 655-663.	2.2	27
12	Identification of a novel role of ESAT-6-dependent miR-155 induction during infection of macrophages with <i>Mycobacterium tuberculosis</i> . Cellular Microbiology, 2012, 14, 1620-1631.	2.1	146
13	Role of PPE18 Protein in Intracellular Survival and Pathogenicity of Mycobacterium tuberculosis in Mice. PLoS ONE, 2012, 7, e52601.	2.5	52
14	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
15	Innate immune responses to M. $\hat{A}$ tuberculosis infection. Tuberculosis, 2011, 91, 427-431.	1.9	49
16	Early Secreted Antigen ESAT-6 of Mycobacterium tuberculosis Promotes Protective T Helper 17 Cell Responses in a Toll-Like Receptor-2-dependent Manner. PLoS Pathogens, 2011, 7, e1002378.	4.7	137
17	Encapsulation of Antigenic Secretory Proteins of <i>Mycobacterium tuberculosis</i> in Biopolymeric Nanoparticles for Possible Aerosol Delivery System. Journal of Bionanoscience, 2011, 5, 88-95.	0.4	4
18	T Cells from Programmed Death-1 Deficient Mice Respond Poorly to Mycobacterium tuberculosis Infection. PLoS ONE, 2011, 6, e19864.	2.5	74

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19	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
20	<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
21	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
22	Molecular Typing of <i>Neisseria gonorrhoeae</i> Isolates by Opa-Typing and Ribotyping in New Delhi, India. <i>International Journal of Microbiology</i> , 2009, 2009, 1-6.	2.3	8
23	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
24	Immunogenicity of candidate chimeric DNA vaccine against tuberculosis and leishmaniasis. <i>Vaccine</i> , 2009, 27, 5152-5160.	3.8	8
25	Improved diagnosis of tuberculosis in HIV-positive patients using RD1-encoded antigen CFP-10. <i>International Journal of Infectious Diseases</i> , 2009, 13, 613-622.	3.3	7
26	<i>Mycobacterium tuberculosis</i> secreted antigen (MTSA-10) inhibits macrophage response to lipopolysaccharide by redox regulation of phosphatases. <i>Indian Journal of Experimental Biology</i> , 2009, 47, 505-19.	0.0	2
27	Molecular modelling and comparative structural account of aspartyl $\beta$ -semialdehyde dehydrogenase of <i>Mycobacterium tuberculosis</i> (H37Rv). <i>Journal of Molecular Modeling</i> , 2008, 14, 249-263.	1.8	6
28	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
29	<i>Mycobacterium tuberculosis</i> secretory proteins CFP10, ESAT6 and the CFP10:ESAT6 complex inhibit lipopolysaccharide-induced NF $\kappa$ B transactivation by downregulation of reactive oxidative species (ROS) production. <i>Immunology and Cell Biology</i> , 2008, 86, 98-106.	2.3	80
30	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
31	Kinesin Motor Domain of <i>Leishmania donovani</i> as a Future Vaccine Candidate. <i>Vaccine Journal</i> , 2008, 15, 836-842.	3.1	17
32	Evaluation of the diagnostic potential of region of deletion-1 encoded antigen culture filtrate protein-10 in pulmonary tuberculosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 59, 295-302.	1.8	7
33	<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
34	Supplementation with RD antigens enhances the protective efficacy of BCG in tuberculous mice. <i>Clinical Immunology</i> , 2007, 125, 173-183.	3.2	26
35	Epidemiological analysis of <i>Neisseria gonorrhoeae</i> isolates by antimicrobial susceptibility testing, auxotyping and serotyping. <i>Indian Journal of Medical Microbiology</i> , 2007, 25, 225.	0.8	10
36	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

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37	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
38	Expression and purification of the <i>Mycobacterium tuberculosis</i> 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
39	<i>Mycobacterium tuberculosis</i> secreted antigen (MTSA-10) modulates macrophage function by redox regulation of phosphatases. <i>FEBS Journal</i> , 2006, 273, 5517-5534.	4.7	18
40	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
41	<i>Mycobacterium tuberculosis</i> 6kDa early secreted antigenic target stimulates activation of J774 macrophages. <i>Immunology Letters</i> , 2005, 98, 180-188.	2.5	12
42	Cloning and characterization of aspartate-beta-semialdehyde dehydrogenase from <i>Mycobacterium tuberculosis</i> H37 Rv. <i>Journal of Applied Microbiology</i> , 2005, 98, 832-838.	3.1	19
43	Regulation of immune responses to <i>Mycobacterium tuberculosis</i> secretory antigens by dendritic cells. <i>Tuberculosis</i> , 2005, 85, 377-383.	1.9	15
44	Immunogenic membrane-associated proteins of <i>Mycobacterium tuberculosis</i> revealed by proteomics. <i>Microbiology (United Kingdom)</i> , 2005, 151, 2411-2419.	1.8	99
45	Cross-regulation of CD86 by CD80 differentially regulates T helper responses from <i>Mycobacterium tuberculosis</i> secretory antigen-activated dendritic cell subsets. <i>Journal of Leukocyte Biology</i> , 2004, 75, 874-883.	3.3	20
46	Immunomodulatory action of mycobacterial secretory proteins. <i>Microbes and Infection</i> , 2004, 6, 513-519.	1.9	43
47	Intracellular expression of <i>Mycobacterium tuberculosis</i> -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
48	Down-Regulation of T Helper 1 Responses to Mycobacterial Antigens Due to Maturation of Dendritic Cells by 10-kDa <i>Mycobacterium tuberculosis</i> Secretory Antigen. <i>Journal of Infectious Diseases</i> , 2003, 187, 914-928.	4.0	36
49	<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
50	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
51	Immune responses mediating survival of naive BALB/c mice experimentally infected with lethal rodent malaria parasite, <i>Plasmodium yoelii nigeriensis</i> . <i>Microbes and Infection</i> , 2000, 2, 473-480.	1.9	3
52	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
53	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
54	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

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55	Merozoite surface antigen 2 (MSA-2) gene of Plasmodium falciparum strains from India. Molecular and Biochemical Parasitology, 1995, 74, 125-127.	1.1	12
56	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
57	A conserved peptide sequence of the Plasmodium falciparum circumsporozoite protein and antipeptide antibodies inhibit Plasmodium berghei sporozoite invasion of Hep-G2 cells and protect immunized mice against P. berghei sporozoite challenge. Infection and Immunity, 1995, 63, 4375-4381.	2.2	37
58	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
59	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
60	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
61	"Universal" T helper cell determinants enhance immunogenicity of a Plasmodium falciparum merozoite surface antigen peptide. Journal of Immunology, 1992, 148, 1499-505.	0.8	66
62	Synthetic, immunological and structural studies on repeat unit peptides of Plasmodium falciparum antigens. International Journal of Peptide and Protein Research, 1990, 36, 515-521.	0.1	9
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	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
65	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
66	Rapid diagnosis of amoebic liver abscess using Entamoeba histolytica antigen. Archivos De Investigaci3n M3dica, 1981, 12, 553-7.	0.0	0