Sangita Mukhopadhyay

List of Publications by Year
in descending order

60 papers	2,885 citations	186209 28 h-index	175177 52 g-index
60 all docs	60 docs citations	60 times ranked	3410 citing authors

#	Article	IF	Citations
1	Phagosome maturation and modulation of macrophage effector function by intracellular pathogens: target for therapeutics. Future Microbiology, 2022, 17, 59-76.	1.0	2
2	Secretory proteins of <i>Mycobacterium tuberculosis</i> and their roles in modulation of host immune responses: focus on therapeutic targets. FEBS Journal, 2022, 289, 4146-4171.	2.2	17
3	Rabaptin5 acts as a key regulator for Rab7l1â€mediated phagosome maturation process. Immunology, 2022, 165, 328-340.	2.0	5
4	<i>Mycobacterium tuberculosis</i> PPE18 protein inhibits MHC class II antigen presentation and B cell response in mice. European Journal of Immunology, 2021, 51, 603-619.	1.6	13
5	PPE2 protein of Mycobacterium tuberculosis affects myeloid hematopoiesis in mice. Immunobiology, 2021, 226, 152051.	0.8	6
6	Aptamers: An Emerging Tool for Diagnosis and Therapeutics in Tuberculosis. Frontiers in Cellular and Infection Microbiology, 2021, 11, 656421.	1.8	12
7	Mycobacterium tuberculosis protein PPE2 binds to DNA region containing promoter activity. Biochemical and Biophysical Research Communications, 2021, 567, 166-170.	1.0	0
8	Moonlighting by PPE2 Protein: Focus on Mycobacterial Virulence. Journal of Immunology, 2021, 207, 2393-2397.	0.4	7
9	ESAT-6 Protein of <i>Mycobacterium tuberculosis</i> Increases Holotransferrin-Mediated Iron Uptake in Macrophages by Downregulating Surface Hemochromatosis Protein HFE. Journal of Immunology, 2020, 205, 3095-3106.	0.4	9
10	<i>Mycobacterium tuberculosis</i> PPE2 Protein Interacts with p67phox and Inhibits Reactive Oxygen Species Production. Journal of Immunology, 2019, 203, 1218-1229.	0.4	25
11	Calcium Signaling Commands Phagosome Maturation Process. International Reviews of Immunology, 2019, 38, 57-69.	1.5	14
12	Dribbling through the host defence: targeting the TLRs by pathogens. Critical Reviews in Microbiology, 2019, 45, 354-368.	2.7	5
13	Uncovering Structural and Molecular Dynamics of ESAT-6:Î²2M Interaction: Asp53 of Human Î²2-Microglobulin Is Critical for the ESAT-6:Î²2M Complexation. Journal of Immunology, 2019, 203, 1918-1929.	0.4	10
14	PPE65 of M.Âtuberculosis regulate pro-inflammatory signalling through LRR domains of Toll like receptor-2. Biochemical and Biophysical Research Communications, 2019, 508, 152-158.	1.0	10
15	The PE and PPE Family Proteins of Mycobacterium tuberculosis: What they Are Up To?. , 2019, , 123-150.		3
16	<i>Mycobacterium tuberculosis</i> PPE18 Protein Reduces Inflammation and Increases Survival in Animal Model of Sepsis. Journal of Immunology, 2018, 200, 3587-3598.	0.4	14
17	TLRs/NLRs: Shaping the landscape of host immunity. International Reviews of Immunology, 2018, 37, 3-19.	1.5	106
18	PPE17 (Rv1168c) protein of Mycobacterium tuberculosis detects individuals with latent TB infection. PLoS ONE, 2018, 13, e0207787.	1.1	23

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19	Lipid metabolism and intracellular bacterial virulence: key to next-generation therapeutics. Future Microbiology, 2018, 13, 1301-1328.	1.0	35
20	Cell envelope lipids in the pathophysiology ofMycobacterium tuberculosis. Future Microbiology, 2018, 13, 689-710.	1.0	26
21	Mycobacterial PknG Targets the Rab7l1 Signaling Pathway To Inhibit Phagosomeâ€“Lysosome Fusion. Journal of Immunology, 2018, 201, 1421-1433.	0.4	49
22	The PPE2 protein of Mycobacterium tuberculosis translocates to host nucleus and inhibits nitric oxide production. Scientific Reports, 2017, 7, 39706.	1.6	32
23	Mycobacterium tuberculosis: what is the role of PPE2 during infection?. Future Microbiology, 2017, 12, 457-460.	1.0	1
24	The N-terminal domain of Mycobacterium tuberculosis PPE17 (Rv1168c) protein plays a dominant role in inducing antibody responses in active TB patients. PLoS ONE, 2017, 12, e0179965.	1.1	9
25	Phagosome-Lysosome Fusion Hijack-An Art of Intracellular Pathogens. Proceedings of the Indian National Science Academy, 2017, 91, .	0.5	0
26	PE11, a PE/PPE family protein of Mycobacterium tuberculosis is involved in cell wall remodeling and virulence. Scientific Reports, 2016, 6, 21624.	1.6	81
27	Transduction of Functionally Contrasting Signals by Two Mycobacterial PPE Proteins Downstream of TLR2 Receptors. Journal of Immunology, 2016, 197, 1776-1787.	0.4	29
28	The Mycobacterium tuberculosis PPE protein Rv1168c induces stronger B cell response than Rv0256c in active TB patients. Infection, Genetics and Evolution, 2016, 40, 339-345.	1.0	10
29	Immunoregulatory functions and expression patterns of <scp>PE/PPE</scp> family members: Roles in pathogenicity and impact on antiâ€tuberculosis vaccine and drug design. IUBMB Life, 2015, 67, 414-427.	1.5	35
30	Macrophage takeover and the hostâ€“bacilli interplay during tuberculosis. Future Microbiology, 2015, 10, 853-872.	1.0	44
31	The ESAT-6 Protein of Mycobacterium tuberculosis Interacts with Beta-2-Microglobulin (Î²2M) Affecting Antigen Presentation Function of Macrophage. PLoS Pathogens, 2014, 10, e1004446.	2.1	126
32	Mycobacterium tuberculosis PPE protein Rv0256c induces strong B cell response in tuberculosis patients. Infection, Genetics and Evolution, 2014, 22, 244-249.	1.0	21
33	PPE2 protein of <i>Mycobacterium tuberculosis</i> may inhibit nitric oxide in activated macrophages. Annals of the New York Academy of Sciences, 2013, 1283, 97-101.	1.8	31
34	Endocytosis of Mycobacterium tuberculosis Heat Shock Protein 60 Is Required to Induce Interleukin-10 Production in Macrophages*. Journal of Biological Chemistry, 2013, 288, 24956-24971.	1.6	45
35	Proline-Proline-Glutamic Acid (PPE) Protein Rv1168c of Mycobacterium tuberculosis Augments Transcription from HIV-1 Long Terminal Repeat Promoter. Journal of Biological Chemistry, 2012, 287, 16930-16946.	1.6	32
36	The PE/PPE multigene family codes for virulence factors and is a possible source of mycobacterial antigenic variation: Perhaps more?. Biochimie, 2012, 94, 110-116.	1.3	149

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37	Pathogenesis in tuberculosis: transcriptomic approaches to unraveling virulence mechanisms and finding new drug targets. FEMS Microbiology Reviews, 2012, 36, 463-485.	3.9	59
38	Role of PPE18 Protein in Intracellular Survival and Pathogenicity of Mycobacterium tuberculosis in Mice. PLoS ONE, 2012, 7, e52601.	1.1	52
39	The PE and PPE proteins of Mycobacterium tuberculosis. Tuberculosis, 2011, 91, 441-447.	0.8	123
40	The Evil Axis of Obesity, Inflammation and Type-2 Diabetes. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2011, 11, 23-31.	0.6	41
41	The PPE18 Protein of <i>Mycobacterium tuberculosis</i> Inhibits NF-ÎºB/relâ€“Mediated Proinflammatory Cytokine Production by Upregulating and Phosphorylating Suppressor of Cytokine Signaling 3 Protein. Journal of Immunology, 2011, 186, 5413-5424.	0.4	81
42	<i>Mycobacterium tuberculosis</i> conserved hypothetical protein rRv2626c modulates macrophage effector functions. Immunology, 2010, 130, 34-45.	2.0	37
43	Glutathione-Redox Balance Regulates c-relâ€“Driven IL-12 Production in Macrophages: Possible Implications in Antituberculosis Immunotherapy. Journal of Immunology, 2010, 184, 2918-2929.	0.4	49
44	The PPE18 of <i>Mycobacterium tuberculosis</i> Interacts with TLR2 and Activates IL-10 Induction in Macrophage. Journal of Immunology, 2009, 183, 6269-6281.	0.4	189
45	<i>Mycobacterium tuberculosis</i>heat shock protein 60 modulates immune response to PPD by manipulating the surface expression of TLR2 on macrophages. Cellular Microbiology, 2008, 10, 1711-1722.	1.1	28
46	Association of Strong Immune Responses to PPE Protein Rv1168c with Active Tuberculosis. Vaccine Journal, 2008, 15, 974-980.	3.2	41
47	The Co-Operonic PE25/PPE41 Protein Complex of Mycobacterium tuberculosis Elicits Increased Humoral and Cell Mediated Immune Response. PLoS ONE, 2008, 3, e3586.	1.1	79
48	Isocitrate Dehydrogenase of Helicobacter pylori Potentially Induces Humoral Immune Response in Subjects with Peptic Ulcer Disease and Gastritis. PLoS ONE, 2008, 3, e1481.	1.1	10
49	Anti-B7-1/B7-2 antibody elicits innate-effector responses in macrophages through NF-ÂB-dependent pathway. International Immunology, 2007, 19, 477-486.	1.8	17
50	Nitric oxide inhibits interleukin-12 p40 through p38 MAPK-mediated regulation of calmodulin and c-rel. Free Radical Biology and Medicine, 2007, 42, 686-697.	1.3	9
51	Nitric Oxide: Friendly Rivalry in Tuberculosis. Current Signal Transduction Therapy, 2007, 2, 121-128.	0.3	8
52	Hydrogen peroxide inhibits IL-12 p40 induction in macrophages by inhibiting c-rel translocation to the nucleus through activation of calmodulin protein. Blood, 2006, 107, 1513-1520.	0.6	47
53	Interleukin-10 (IL-10) mediated suppression of IL-12 production in RAW 264.7 cells also involves c-rel transcription factor. Immunology, 2005, 114, 313-321.	2.0	56
54	Human resistin stimulates the pro-inflammatory cytokines TNF-Î± and IL-12 in macrophages by NF-ÎºB-dependent pathway. Biochemical and Biophysical Research Communications, 2005, 334, 1092-1101.	1.0	531

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55	Poorer NF-Î°B signaling by microfilariae in macrophages from BALB/c mice affects their ability to produce cytotoxic levels of nitric oxide to kill microfilariae. FEBS Letters, 2004, 567, 275-280.	1.3	28
56	The genomic organization of mouse resistin reveals major differences from the human resistin: functional implications. Gene, 2003, 305, 27-34.	1.0	116
57	PPE Antigen Rv2430c of Mycobacterium tuberculosis Induces a Strong B-Cell Response. Infection and Immunity, 2003, 71, 6338-6343.	1.0	126
58	Macrophage Effector Functions Controlled by Brutonâ€™s Tyrosine Kinase Are More Crucial Than the Cytokine Balance of T Cell Responses for Microfilarial Clearance. Journal of Immunology, 2002, 168, 2914-2921.	0.4	101
59	Scavenger receptor-specific allergen delivery elicits IFN-Î³-dominated immunity and directs established TH2-dominated responses to a nonallergic phenotype. Journal of Allergy and Clinical Immunology, 2002, 109, 321-328.	1.5	19
60	Therapeutic application of <scp>PPE2</scp> protein ofâ€‰ <i>Mycobacterium tuberculosis</i> in inhibiting tissue inflammation. EMBO Molecular Medicine, 0, , .	3.3	2