Smriti Mehra

List of Publications by Year
in descending order

42 papers	2,642 citations	218381 26 h-index	264894 42 g-index
43 all docs	43 docs citations	43 times ranked	2657 citing authors

#	Article	IF	Citations
1	Antiretroviral therapy timing impacts latent tuberculosis infection reactivation in a Mycobacterium tuberculosis/SIV coinfection model. Journal of Clinical Investigation, 2022, 132, .	3.9	9
2	The immunoregulatory landscape of human tuberculosis granulomas. Nature Immunology, 2022, 23, 318-329.	7.0	110
3	Peripheral Blood Markers Correlate with the Progression of Active Tuberculosis Relative to Latent Control of Mycobacterium tuberculosis Infection in Macaques. Pathogens, 2022, 11, 544.	1.2	3
4	The immune landscape in tuberculosis reveals populations linked to disease and latency. Cell Host and Microbe, 2021, 29, 165-178.e8.	5.1	98
5	Abnormal Tryptophan Metabolism in HIV and Mycobacterium tuberculosis Infection. Frontiers in Microbiology, 2021, 12, 666227.	1.5	9
6	Robust IgM responses following intravenous vaccination with Bacille Calmetteâ€“GuÃ©rin associate with prevention of Mycobacterium tuberculosis infection in macaques. Nature Immunology, 2021, 22, 1515-1523.	7.0	55
7	Isoniazid and Rifapentine Treatment Eradicates Persistent Mycobacterium tuberculosis in Macaques. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 469-477.	2.5	15
8	Mycobacterium tuberculosis HN878 Infection Induces Human-Like B-Cell Follicles in Mice. Journal of Infectious Diseases, 2020, 221, 1636-1646.	1.9	15
9	sncRNA-1 Is a Small Noncoding RNA Produced by Mycobacterium tuberculosis in Infected Cells That Positively Regulates Genes Coupled to Oleic Acid Biosynthesis. Frontiers in Microbiology, 2020, 11, 1631.	1.5	3
10	Chronic Immune Activation in TB/HIV Co-infection. Trends in Microbiology, 2020, 28, 619-632.	3.5	33
11	Immune correlates of tuberculosis disease and risk translate across species. Science Translational Medicine, 2020, 12, .	5.8	52
12	Antiretroviral therapy does not reduce tuberculosis reactivation in a tuberculosis-HIV coinfection model. Journal of Clinical Investigation, 2020, 130, 5171-5179.	3.9	31
13	Effect of Mycobacterium tuberculosis Enhancement of Macrophage P-Glycoprotein Expression and Activity on Intracellular Survival During Antituberculosis Drug Treatment. Journal of Infectious Diseases, 2019, 220, 1989-1998.	1.9	7
14	High Turnover of Tissue Macrophages Contributes to Tuberculosis Reactivation in Simian Immunodeficiency Virus-Infected Rhesus Macaques. Journal of Infectious Diseases, 2018, 217, 1865-1874.	1.9	44
15	In vivo inhibition of tryptophan catabolism reorganizes the tuberculoma and augments immune-mediated control of<i>Mycobacterium tuberculosis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E62-E71.	3.3	150
16	Hypoxia Sensing and Persistence Genes Are Expressed during the Intragranulomatous Survival of <i>Mycobacterium tuberculosis</i>. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 637-647.	1.4	50
17	Nonpathologic Infection of Macaques by an Attenuated Mycobacterial Vaccine Is Not Reactivated in the Setting of HIV Co-Infection. American Journal of Pathology, 2017, 187, 2811-2820.	1.9	12
18	CD4 ⁺ T-cellâ€“independent mechanisms suppress reactivation of latent tuberculosis in a macaque model of HIV coinfection. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5636-44.	3.3	123

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19	Sequencing-relative to hybridization-based transcriptomics approaches better define Mycobacterium tuberculosis stress-response regulons. Tuberculosis, 2016, 101, S9-S17.	0.8	10
20	In-Vivo Gene Signatures of Mycobacterium tuberculosis in C3HeB/FeJ Mice. PLoS ONE, 2015, 10, e0135208.	1.1	24
21	LAG3 Expression in Active Mycobacterium tuberculosis Infections. American Journal of Pathology, 2015, 185, 820-833.	1.9	70
22	The DosR Regulon Modulates Adaptive Immunity and Is Essential for <i>Mycobacterium tuberculosis</i> Persistence. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1185-1196.	2.5	142
23	A tuberculosis ontology for host systems biology. Tuberculosis, 2015, 95, 570-574.	0.8	11
24	Mucosal vaccination with attenuated Mycobacterium tuberculosis induces strong central memory responses and protects against tuberculosis. Nature Communications, 2015, 6, 8533.	5.8	196
25	The TB-specific CD4+ T cell immune repertoire in both cynomolgus and rhesus macaques largely overlap with humans. Tuberculosis, 2015, 95, 722-735.	0.8	39
26	The Mycobacterium tuberculosis Rv2745c Plays an Important Role in Responding to Redox Stress. PLoS ONE, 2014, 9, e93604.	1.1	39
27	Role of TNF in the Altered Interaction of Dormant Mycobacterium tuberculosis with Host Macrophages. PLoS ONE, 2014, 9, e95220.	1.1	30
28	Identification of biomarkers for tuberculosis susceptibility via integrated analysis of gene expression and longitudinal clinical data. Frontiers in Genetics, 2014, 5, 240.	1.1	14
29	Humoral and lung immune responses to Mycobacterium tuberculosis infection in a primate model of protection. Trials in Vaccinology, 2014, 3, 47-51.	1.2	20
30	Aerosol Vaccination with AERAS-402 Elicits Robust Cellular Immune Responses in the Lungs of Rhesus Macaques but Fails To Protect against High-Dose <i>Mycobacterium tuberculosis</i> Challenge. Journal of Immunology, 2014, 193, 1799-1811.	0.4	87
31	S100A8/A9 Proteins Mediate Neutrophilic Inflammation and Lung Pathology during Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1137-1146.	2.5	216
32	Granuloma Correlates of Protection Against Tuberculosis and Mechanisms of Immune Modulation by Mycobacterium tuberculosis. Journal of Infectious Diseases, 2013, 207, 1115-1127.	1.9	104
33	CXCR5+ T helper cells mediate protective immunity against tuberculosis. Journal of Clinical Investigation, 2013, 123, 712-26.	3.9	203
34	The Mycobacterium tuberculosis Stress Response Factor SigH Is Required for Bacterial Burden as Well as Immunopathology in Primate Lungs. Journal of Infectious Diseases, 2012, 205, 1203-1213.	1.9	74
35	The Stress-Response Factor SigH Modulates the Interaction between Mycobacterium tuberculosis and Host Phagocytes. PLoS ONE, 2012, 7, e28958.	1.1	57
36	Faithful Experimental Models of Human Mycobacterium Tuberculosis Infection. Mycobacterial Diseases: Tuberculosis & Leprosy, 2012, 02, .	0.1	12

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37	Reactivation of latent tuberculosis in rhesus macaques by coinfection with simian immunodeficiency virus. Journal of Medical Primatology, 2011, 40, 233-243.	0.3	111
38	Transcriptional Reprogramming in Nonhuman Primate (Rhesus Macaque) Tuberculosis Granulomas. PLoS ONE, 2010, 5, e12266.	1.1	98
39	Genetic Requirements for the Survival of Tubercle Bacilli in Primates. Journal of Infectious Diseases, 2010, 201, 1743-1752.	1.9	159
40	Mycobacterium tuberculosisMT2816 Encodes a Key Stressâ€Response Regulator. Journal of Infectious Diseases, 2010, 202, 943-953.	1.9	28
41	Functional Genomics Reveals Extended Roles of the <i>Mycobacterium tuberculosis</i> Stress Response Factor Ïƒ ^H. Journal of Bacteriology, 2009, 191, 3965-3980.	1.0	78
42	SOCS3 and ILâ€10 antiâ€inflammatory activity in Lyme disease. FASEB Journal, 2008, 22, 860.17.	0.2	1