Sheetal Gandotra

List of Publications by Year
in descending order

14	672	840776 11	1125743 13
papers	citations	h-index	g-index

20	20	20	959
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vivo gene silencing identifies the Mycobacterium tuberculosis proteasome as essential for the bacteria to persist in mice. Nature Medicine, 2007, 13, 1515-1520.	30.7	227
2	Nucleotide-Binding Oligomerization Domain Protein 2-Deficient Mice Control Infection with Mycobacterium tuberculosis. Infection and Immunity, 2007, 75, 5127-5134.	2.2	94
3	The Mycobacterium tuberculosis Proteasome Active Site Threonine Is Essential for Persistence Yet Dispensable for Replication and Resistance to Nitric Oxide. PLoS Pathogens, 2010, 6, e1001040.	4.7	78
4	Quantitative Proteomic and Phosphoproteomic Analysis of H37Ra and H37Rv Strains of Mycobacterium tuberculosis. Journal of Proteome Research, 2017, 16, 1632-1645.	3.7	55
5	Necrosis Driven Triglyceride Synthesis Primes Macrophages for Inflammation During Mycobacterium tuberculosis Infection. Frontiers in Immunology, 2018, 9, 1490.	4.8	45
6	Quantitative Lipid Droplet Proteomics Reveals Mycobacterium tuberculosis Induced Alterations in Macrophage Response to Infection. ACS Infectious Diseases, 2019, 5, 559-569.	3.8	33
7	Phospholipid homeostasis, membrane tenacity and survival of Mtb in lipid rich conditions is determined by MmpL11 function. Scientific Reports, 2018, 8, 8317.	3.3	23
8	Adipocyte Model of Mycobacterium tuberculosis Infection Reveals Differential Availability of Iron to Bacilli in the Lipid-Rich Caseous Environment. Infection and Immunity, 2018, 86, .	2.2	22
9	The MmpS6-MmpL6 Operon Is an Oxidative Stress Response System Providing Selective Advantage toMycobacterium tuberculosisin Stress. Journal of Infectious Diseases, 2019, 219, 459-469.	4.0	19
10	Integrated Multi-Omic Analysis of Mycobacterium tuberculosis H37Ra Redefines Virulence Attributes. Frontiers in Microbiology, 2018, 9, 1314.	3.5	16
11	Genome analysis identifies a spontaneous nonsense mutation in ppsD leading to attenuation of virulence in laboratory-manipulated Mycobacterium tuberculosis. BMC Genomics, 2019, 20, 129.	2.8	13
12	Inhibition of Granuloma Triglyceride Synthesis Imparts Control of Mycobacterium tuberculosis Through Curtailed Inflammatory Responses. Frontiers in Immunology, 2021, 12, 722735.	4.8	11
13	Tuning the Mycobacterium tuberculosis Alternative Sigma Factor SigF through the Multidomain Regulator Rv1364c and Osmosensory Kinase Protein Kinase D. Journal of Bacteriology, 2019, 201, .	2.2	8
14	Lipid droplets in the immune response and beyond. , 2020, , 173-196.		4