

# Jeffrey M Chen

## List of Publications by Citations

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24  
papers

916  
citations

17  
h-index

25  
g-index

25  
ext. papers

1,054  
ext. citations

5.7  
avg, IF

3.55  
L-index

#	Paper	IF	Citations
24	Roles of Lsr2 in colony morphology and biofilm formation of <i>Mycobacterium smegmatis</i> . <i>Journal of Bacteriology</i> , <b>2006</b> , 188, 633-41	3.5	105
23	Virulence regulator EspR of <i>Mycobacterium tuberculosis</i> is a nucleoid-associated protein. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002621	7.6	95
22	Identification of the lipooligosaccharide biosynthetic gene cluster from <i>Mycobacterium marinum</i> . <i>Molecular Microbiology</i> , <b>2007</b> , 63, 1345-59	4.1	73
21	Anticytolytic screen identifies inhibitors of mycobacterial virulence protein secretion. <i>Cell Host and Microbe</i> , <b>2014</b> , 16, 538-48	23.4	68
20	Lsr2 of <i>Mycobacterium tuberculosis</i> is a DNA-bridging protein. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, 2123-35	20.1	67
19	ESAT-6 secretion-independent impact of ESX-1 genes espF and espG1 on virulence of <i>Mycobacterium tuberculosis</i> . <i>Journal of Infectious Diseases</i> , <b>2011</b> , 203, 1155-64	7	60
18	EspD is critical for the virulence-mediating ESX-1 secretion system in <i>Mycobacterium tuberculosis</i> . <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 884-93	3.5	56
17	<i>Mycobacterium tuberculosis</i> EspB binds phospholipids and mediates EsxA-independent virulence. <i>Molecular Microbiology</i> , <b>2013</b> , 89, 1154-66	4.1	51
16	Differential productions of lipid virulence factors among BCG vaccine strains and implications on BCG safety. <i>Vaccine</i> , <b>2007</b> , 25, 8114-22	4.1	48
15	PimF, a mannosyltransferase of mycobacteria, is involved in the biosynthesis of phosphatidylinositol mannosides and lipoarabinomannan. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 18824-33	5.4	48
14	Site-directed mutagenesis of acyl carrier protein (ACP) reveals amino acid residues involved in ACP structure and acyl-ACP synthetase activity. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 35934-9	5.4	44
13	<i>Mycobacterium bovis</i> BCG vaccines exhibit defects in alanine and serine catabolism. <i>Infection and Immunity</i> , <b>2003</b> , 71, 708-16	3.7	42
12	A point mutation in <i>cycA</i> partially contributes to the D-cycloserine resistance trait of <i>Mycobacterium bovis</i> BCG vaccine strains. <i>PLoS ONE</i> , <b>2012</b> , 7, e43467	3.7	40
11	Phenotypic profiling of <i>Mycobacterium tuberculosis</i> EspA point mutants reveals that blockage of ESAT-6 and CFP-10 secretion in vitro does not always correlate with attenuation of virulence. <i>Journal of Bacteriology</i> , <b>2013</b> , 195, 5421-30	3.5	37
10	The cysteine desulfurase IscS of <i>Mycobacterium tuberculosis</i> is involved in iron-sulfur cluster biogenesis and oxidative stress defence. <i>Biochemical Journal</i> , <b>2014</b> , 459, 467-78	3.8	26
9	EspI regulates the ESX-1 secretion system in response to ATP levels in <i>Mycobacterium tuberculosis</i> . <i>Molecular Microbiology</i> , <b>2014</b> , 93, 1057-1065	4.1	19
8	Towards anti-virulence drugs targeting ESX-1 mediated pathogenesis of <i>Mycobacterium tuberculosis</i> . <i>Drug Discovery Today Disease Mechanisms</i> , <b>2010</b> , 7, e25-e31		18

7	Sigma factor F does not prevent rifampin inhibition of RNA polymerase or cause rifampin tolerance in <i>Mycobacterium tuberculosis</i> . <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 5472-9	3.5	9
6	Mycosins of the Mycobacterial Type VII ESX Secretion System: the Glue That Holds the Party Together. <i>MBio</i> , <b>2016</b> , 7,	7.8	4
5	Protein Synthesis and Degradation Inhibitors Potently Block type-7 Secretion System ESX-1 Activity. <i>ACS Infectious Diseases</i> , <b>2021</b> , 7, 273-280	5.5	4
4	A SNP in the Cache 1 Signaling Domain of Diguanylate Cyclase STM1987 Leads to Increased Fitness of Invasive Strains. <i>Infection and Immunity</i> , <b>2021</b> , 89,	3.7	2
3	Domestic pigs experimentally infected with <i>Mycobacterium bovis</i> and <i>Mycobacterium tuberculosis</i> exhibit different disease outcomes.. <i>Tuberculosis</i> , <b>2022</b> , 133, 102167	2.6	0
2	<i>Mycobacterium tuberculosis</i> EspK Has Active but Distinct Roles in the Secretion of EsxA and EspB.. <i>Journal of Bacteriology</i> , <b>2022</b> , e0006022	3.5	0
1	Poor stimulation of bovine dendritic cells by culture supernatant and surface extract is associated with decreased activation of ERK and NF-B and higher expression of SOCS1 and 3. <i>Innate Immunity</i> , <b>2020</b> , 26, 537-546	2.7	