John Chan

List of Publications by Year
in descending order

31 papers	3,687 citations	430874 18 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	4543 citing authors

#	Article	IF	Citations
1	Immunology of Tuberculosis. Annual Review of Immunology, 2001, 19, 93-129.	21.8	1,840
2	Oxygenated mycolic acids are necessary for virulence of Mycobacterium tuberculosis in mice. Molecular Microbiology, 2002, 36, 630-637.	2.5	270
3	The effects of reactive nitrogen intermediates on gene expression inMycobacterium tuberculosis. Cellular Microbiology, 2003, 5, 637-648.	2.1	178
4	The immunological aspects of latency in tuberculosis. Clinical Immunology, 2004, 110, 2-12.	3.2	152
5	The role of B cells and humoral immunity in Mycobacterium tuberculosis infection. Seminars in Immunology, 2014, 26, 588-600.	5.6	139
6	Suppression of autophagy and antigen presentation by Mycobacterium tuberculosis PE_PGRS47. Nature Microbiology, 2016, 1, 16133.	13.3	133
7	Essential roles of methionine and <i>S</i> -adenosylmethionine in the autarkic lifestyle of <i>Mycobacterium tuberculosis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10008-10013.	7.1	130
8	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.	7.1	123
9	Mycobacterium tuberculosis Universal Stress Protein Rv2623 Regulates Bacillary Growth by ATP-Binding: Requirement for Establishing Chronic Persistent Infection. PLoS Pathogens, 2009, 5, e1000460.	4.7	107
10	Effects of B Cell Depletion on Early Mycobacterium tuberculosis Infection in Cynomolgus Macaques. Infection and Immunity, 2016, 84, 1301-1311.	2.2	82
11	Enhanced control of Mycobacterium tuberculosis extrapulmonary dissemination in mice by an arabinomannan-protein conjugate vaccine. PLoS Pathogens, 2017, 13, e1006250.	4.7	74
12	Immune Mechanisms of Protection. , 0, , 387-415.		64
13	Targeting Mycobacterium tuberculosis Tumor Necrosis Factor Alpha-Downregulating Genes for the Development of Antituberculous Vaccines. MBio, 2016, 7, .	4.1	52
14	Underestimated Manipulative Roles of Mycobacterium tuberculosis Cell Envelope Glycolipids During Infection. Frontiers in Immunology, 2019, 10, 2909.	4.8	50
15	Dual inhibition of the terminal oxidases eradicates antibioticâ€tolerant <i>Mycobacterium tuberculosis</i>. EMBO Molecular Medicine, 2021, 13, e13207.	6.9	47
16	Mycobacterium tuberculosis universal stress protein Rv2623 interacts with the putative ATP binding cassette (ABC) transporter Rv1747 to regulate mycobacterial growth. PLoS Pathogens, 2017, 13, e1006515.	4.7	46
17	Capsular glycan recognition provides antibody-mediated immunity against tuberculosis. Journal of Clinical Investigation, 2020, 130, 1808-1822.	8.2	38
18	Improving Mycobacterium bovis Bacillus Calmette-GuÃ¨rin as a Vaccine Delivery Vector for Viral Antigens by Incorporation of Glycolipid Activators of NKT Cells. PLoS ONE, 2014, 9, e108383.	2.5	24

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19	Role of B Cells and Antibodies in Acquired Immunity against Mycobacterium tuberculosis. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a018432-a018432.	6.2	24
20	Mycobacteriophages as Potential Therapeutic Agents against Drug-Resistant Tuberculosis. International Journal of Molecular Sciences, 2021, 22, 735.	4.1	20
21	Differential roles of the hemerythrin-like proteins of Mycobacterium smegmatis in hydrogen peroxide and erythromycin susceptibility. Scientific Reports, 2015, 5, 16130.	3.3	17
22	Splenic Innate B1 B Cell Plasmablasts Produce Sustained Granulocyte-Macrophage Colony-Stimulating Factor and Interleukin-3 Cytokines during Murine Malaria Infections. Infection and Immunity, 2019, 87, .	2.2	15
23	Identification of Mycobacterial RplJ/L10 and RpsA/S1 Proteins as Novel Targets for CD4⁺T Cells. Infection and Immunity, 2017, 85, .	2.2	13
24	Transcriptome Analysis of Mycobacteria-Specific CD4+ T Cells Identified by Activation-Induced Expression of CD154. Journal of Immunology, 2017, 199, 2596-2606.	0.8	10
25	BCG-Prime and boost with Esx-5 secretion system deletion mutant leads to better protection against clinical strains of Mycobacterium tuberculosis. Vaccine, 2020, 38, 7156-7165.	3.8	10
26	Multiple genetic paths including massive gene amplification allow <i>Mycobacterium tuberculosis</i> to overcome loss of ESX-3 secretion system substrates. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	9
27	Identification of Mycobacterial Ribosomal Proteins as Targets for CD4⁺T Cells That Enhance Protective Immunity in Tuberculosis. Infection and Immunity, 2018, 86, .	2.2	7
28	Suppression of Th1 Priming by TLR2 Agonists during Cutaneous Immunization Is Mediated by Recruited CCR2+ Monocytes. Journal of Immunology, 2018, 201, 3604-3616.	0.8	5
29	Generation of IL-3â€“Secreting CD4+ T Cells by Microbial Challenge at Skin and Mucosal Barriers. ImmunoHorizons, 2019, 3, 161-171.	1.8	4
30	Exploiting Pre-Existing CD4+ T Cell Help from Bacille Calmetteâ€“GuÃ©rin Vaccination to Improve Antiviral Antibody Responses. Journal of Immunology, 2020, 205, 425-437.	0.8	3
31	Sterilization by Adaptive Immunity of a Conditionally Persistent Mutant of Mycobacterium tuberculosis. MBio, 2021, 12, .	4.1	1