

# Sung Jae Shin

## List of Publications by Year in descending order

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198  
papers

6,225  
citations

81743

39  
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102304

66  
g-index

204  
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204  
docs citations

204  
times ranked

5986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Significance of Differentiation of <i>Mycobacterium massiliense</i> from <i>Mycobacterium abscessus</i> . American Journal of Respiratory and Critical Care Medicine, 2011, 183, 405-410.	2.5	464
2	Host Cell Autophagy Activated by Antibiotics Is Required for Their Effective Antimycobacterial Drug Action. Cell Host and Microbe, 2012, 11, 457-468.	5.1	219
3	Macrolide Treatment for <i>Mycobacterium abscessus</i> and <i>Mycobacterium massiliense</i> Infection and Inducible Resistance. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 917-925.	2.5	179
4	Clinical Significance of the Differentiation Between <i>Mycobacterium avium</i> and <i>Mycobacterium intracellulare</i> in M avium Complex Lung Disease. Chest, 2012, 142, 1482-1488.	0.4	170
5	Mycobacterial Characteristics and Treatment Outcomes in <i>Mycobacterium abscessus</i> Lung Disease. Clinical Infectious Diseases, 2017, 64, 309-316.	2.9	169
6	Outcomes of <i>Mycobacterium avium</i> complex lung disease based on clinical phenotype. European Respiratory Journal, 2017, 50, 1602503.	3.1	154
7	Intermittent Antibiotic Therapy for Nodular Bronchiectatic <i>Mycobacterium avium</i> Complex Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 96-103.	2.5	134
8	<i>Mycobacterium abscessus</i> activates the macrophage innate immune response via a physical and functional interaction between TLR2 and dectin-1. Cellular Microbiology, 2008, 10, 1608-1621.	1.1	113
9	Recombinant BCG Expressing ESX-1 of <i>Mycobacterium marinum</i> Combines Low Virulence with Cytosolic Immune Signaling and Improved TB Protection. Cell Reports, 2017, 18, 2752-2765.	2.9	98
10	A Potential Protein Adjuvant Derived from <i>Mycobacterium tuberculosis</i> Rv0652 Enhances Dendritic Cells-Based Tumor Immunotherapy. PLoS ONE, 2014, 9, e104351.	1.1	91
11	Clinical Characteristics, Treatment Outcomes, and Resistance Mutations Associated with Macrolide-Resistant <i>Mycobacterium avium</i> Complex Lung Disease. Antimicrobial Agents and Chemotherapy, 2016, 60, 6758-6765.	1.4	90
12	Prognostic factors associated with long-term mortality in 1445 patients with nontuberculous mycobacterial pulmonary disease: a 15-year follow-up study. European Respiratory Journal, 2020, 55, 1900798.	3.1	89
13	Clofazimine-Containing Regimen for the Treatment of <i>Mycobacterium abscessus</i> Lung Disease. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	86
14	Evaluation of the antimicrobial activity of florfenicol against bacteria isolated from bovine and porcine respiratory disease. Veterinary Microbiology, 2005, 106, 73-77.	0.8	84
15	<i>Mycobacterium tuberculosis</i> Rv0577, a novel TLR2 agonist, induces maturation of dendritic cells and drives Th1 immune response. FASEB Journal, 2012, 26, 2695-2711.	0.2	84
16	Treatment of Refractory <i>Mycobacterium avium</i> Complex Lung Disease with a Moxifloxacin-Containing Regimen. Antimicrobial Agents and Chemotherapy, 2013, 57, 2281-2285.	1.4	82
17	Clinical Application of Self-Expandable Metallic Stent for Treatment of Colorectal Obstruction Caused by Extrinsic Invasive Tumors. Diseases of the Colon and Rectum, 2008, 51, 578-583.	0.7	81
18	Common Variants in the Glycerol Kinase Gene Reduce Tuberculosis Drug Efficacy. MBio, 2019, 10, .	1.8	80

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19	Therapeutic Drug Monitoring in the Treatment of <i>Mycobacterium avium</i> Complex Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 797-802.	2.5	77
20	Rapid and Reliable Method for Quantification of <i>Mycobacterium paratuberculosis</i> by Use of the BACTEC MGIT 960 System. Journal of Clinical Microbiology, 2007, 45, 1941-1948.	1.8	75
21	Enhanced Efficacy of Therapeutic Cancer Vaccines Produced by Co-Treatment with <i>Mycobacterium tuberculosis</i> Heparin-Binding Hemagglutinin, a Novel TLR4 Agonist. Cancer Research, 2011, 71, 2858-2870.	0.4	72
22	Mycobacterial Genotypes Are Associated With Clinical Manifestation and Progression of Lung Disease Caused by <i>Mycobacterium abscessus</i> and <i>Mycobacterium massiliense</i> . Clinical Infectious Diseases, 2013, 57, 32-39.	2.9	67
23	Thiopurine Drugs Azathioprine and 6-Mercaptopurine Inhibit <i>Mycobacterium paratuberculosis</i> Growth In Vitro. Antimicrobial Agents and Chemotherapy, 2008, 52, 418-426.	1.4	66
24	Efficient Differentiation of <i>Mycobacterium avium</i> Complex Species and Subspecies by Use of Five-Target Multiplex PCR. Journal of Clinical Microbiology, 2010, 48, 4057-4062.	1.8	61
25	<i>Mycobacterium tuberculosis</i> RpfE promotes simultaneous Th1 and Th17 type T cell immunity via TLR4-dependent maturation of dendritic cells. European Journal of Immunology, 2015, 45, 1957-1971.	1.6	60
26	<i>Mycobacterium tuberculosis</i> RpfB drives Th1-type T cell immunity via a TLR4-dependent activation of dendritic cells. Journal of Leukocyte Biology, 2013, 94, 733-749.	1.5	59
27	Rifabutin Is Active against <i>Mycobacterium abscessus</i> in Mice. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	59
28	<i>Mycobacterium tuberculosis</i> Infection-Driven Foamy Macrophages and Their Implications in Tuberculosis Control as Targets for Host-Directed Therapy. Frontiers in Immunology, 2020, 11, 910.	2.2	58
29	Targeting of <i>Mycobacterium tuberculosis</i> Heparin-Binding Hemagglutinin to Mitochondria in Macrophages. PLoS Pathogens, 2011, 7, e1002435.	2.1	56
30	Discrimination between Active and Latent Tuberculosis Based on Ratio of Antigen-Specific to Mitogen-Induced IP-10 Production. Journal of Clinical Microbiology, 2015, 53, 504-510.	1.8	55
31	The Genome Sequence of <i>Mycobacterium massiliense</i> ™ Strain CIP 108297 Suggests the Independent Taxonomic Status of the <i>Mycobacterium abscessus</i> Complex at the Subspecies Level. PLoS ONE, 2013, 8, e81560.	1.1	54
32	<i>Mycobacterium tuberculosis</i> Rv0652 stimulates production of tumour necrosis factor and monocytes chemoattractant protein-1 in macrophages through the Toll-like receptor 4 pathway. Immunology, 2012, 136, 231-240.	2.0	48
33	Oral Macrolide Therapy Following Short-term Combination Antibiotic Treatment of <i>Mycobacterium massiliense</i> Lung Disease. Chest, 2016, 150, 1211-1221.	0.4	48
34	Mycobacteriological characteristics and treatment outcomes in extrapulmonary <i>Mycobacterium abscessus</i> complex infections. International Journal of Infectious Diseases, 2017, 60, 49-56.	1.5	46
35	Development of Macrolide Resistance and Reinfection in Refractory <i>Mycobacterium avium</i> Complex Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1322-1330.	2.5	46
36	In Vitro Activity of Bedaquiline and Delamanid against Nontuberculous Mycobacteria, Including Macrolide-Resistant Clinical Isolates. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	44

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37	Clinical Characteristics and Treatment Outcomes of Patients with Acquired Macrolide-Resistant <i>Mycobacterium abscessus</i> Lung Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	44
38	Peak Plasma Concentration of Azithromycin and Treatment Responses in <i>Mycobacterium avium</i> Complex Lung Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6076-6083.	1.4	43
39	Rv0315, a novel immunostimulatory antigen of <i>Mycobacterium tuberculosis</i> , activates dendritic cells and drives Th1 immune responses. <i>Journal of Molecular Medicine</i> , 2012, 90, 285-298.	1.7	42
40	<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Fibronectin Attachment Protein Activates Dendritic Cells and Induces a Th1 Polarization. <i>Infection and Immunity</i> , 2009, 77, 2979-2988.	1.0	41
41	Amikacin Inhalation as Salvage Therapy for Refractory Nontuberculous Mycobacterial Lung Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	41
42	In Vitro Cellular Immune Responses to Recombinant Antigens of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Infection and Immunity</i> , 2005, 73, 5074-5085.	1.0	40
43	Improved Sensitivity of Diagnosis of Tuberculosis in Patients in Korea via a Cocktail Enzyme-Linked Immunosorbent Assay Containing the Abundantly Expressed Antigens of the K Strain of <i>Mycobacterium tuberculosis</i> . <i>Vaccine Journal</i> , 2008, 15, 1788-1795.	3.2	40
44	Induction of antigen-specific immune responses by oral vaccination with <i>Saccharomyces cerevisiae</i> expressing <i>Actinobacillus pleuropneumoniae</i> ApxIIA. <i>FEMS Immunology and Medical Microbiology</i> , 2005, 43, 155-164.	2.7	39
45	Diagnosis of Bovine Paratuberculosis by a Novel Enzyme-Linked Immunosorbent Assay Based on Early Secreted Antigens of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Vaccine Journal</i> , 2008, 15, 1277-1281.	3.2	39
46	Distribution and clinical significance of <i>Mycobacterium avium</i> complex species isolated from respiratory specimens. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 88, 125-137.	0.8	39
47	Recent advances in molecular diagnostics and understanding mechanisms of drug resistance in nontuberculous mycobacterial diseases. <i>Infection, Genetics and Evolution</i> , 2019, 72, 169-182.	1.0	39
48	Activities of Moxifloxacin in Combination with Macrolides against Clinical Isolates of <i>Mycobacterium abscessus</i> and <i>Mycobacterium massiliense</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3549-3555.	1.4	38
49	Clinical Significance of <i>Mycobacterium kansasii</i> Isolates from Respiratory Specimens. <i>PLoS ONE</i> , 2015, 10, e0139621.	1.1	38
50	Long-term natural history of non-cavitary nodular bronchiectatic nontuberculous mycobacterial pulmonary disease. <i>Respiratory Medicine</i> , 2019, 151, 1-7.	1.3	38
51	Rv2299c, a novel dendritic cell-activating antigen of <i>Mycobacterium tuberculosis</i> , fused-ESAT-6 subunit vaccine confers improved and durable protection against the hypervirulent strain HN878 in mice. <i>Oncotarget</i> , 2017, 8, 19947-19967.	0.8	38
52	Bacterial Outer Membrane Vesicle-Mediated Cytosolic Delivery of Flagellin Triggers Host NLRC4 Canonical Inflammasome Signaling. <i>Frontiers in Immunology</i> , 2020, 11, 581165.	2.2	35
53	Enhancement of Tumor-Specific T Cell-Mediated Immunity in Dendritic Cell-Based Vaccines by <i>Mycobacterium tuberculosis</i> Heat Shock Protein X. <i>Journal of Immunology</i> , 2014, 193, 1233-1245.	0.4	34
54	Characterization, Quantification, and Determination of the Toxicity of Iron Oxide Nanoparticles to the Bone Marrow Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 22243-22257.	1.8	33

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55	GenoType NTM-DR Performance Evaluation for Identification of Mycobacterium avium Complex and Mycobacterium abscessus and Determination of Clarithromycin and Amikacin Resistance. Journal of Clinical Microbiology, 2019, 57, .	1.8	33
56	Serodiagnosis of Mycobacterium avium Complex and Mycobacterium abscessus Complex Pulmonary Disease by Use of IgA Antibodies to Glycopeptidolipid Core Antigen. Journal of Clinical Microbiology, 2013, 51, 2747-2749.	1.8	32
57	Development of a One-Step Multiplex PCR Assay for Differential Detection of Major Mycobacterium Species. Journal of Clinical Microbiology, 2017, 55, 2736-2751.	1.8	32
58	Long-term protective efficacy with a BCG-prime ID93/GLA-SE boost regimen against the hyper-virulent Mycobacterium tuberculosis strain K in a mouse model. Scientific Reports, 2019, 9, 15560.	1.6	32
59	<i>Mycobacterium tuberculosis</i> Rv3628 drives Th1-type T cell immunity via TLR2-mediated activation of dendritic cells and displays vaccine potential against the hyper-virulent Beijing K strain. Oncotarget, 2016, 7, 24962-24982.	0.8	32
60	In vivo efficacy of combination of colistin with fosfomycin or minocycline in a mouse model of multidrug-resistant <i>Acinetobacter baumannii</i> pneumonia. Scientific Reports, 2019, 9, 17127.	1.6	31
61	Differentially expressed genes in <i>Mycobacterium tuberculosis</i> H37Rv under mild acidic and hypoxic conditions. Journal of Medical Microbiology, 2008, 57, 1473-1480.	0.7	30
62	Draft Genome Sequence of <i>Mycobacterium abscessus</i> subsp. <i>bolletii</i> BDT. Journal of Bacteriology, 2012, 194, 2756-2757.	1.0	30
63	Severe vitamin D deficiency is associated with non-tuberculous mycobacterial lung disease: A case-control study. Respiriology, 2013, 18, 983-988.	1.3	30
64	Peptidylarginine deiminase inhibition impairs Toll-like receptor agonist-induced functional maturation of dendritic cells, resulting in the loss of T cell-proliferative capacity: a partial mechanism with therapeutic potential in inflammatory settings. Journal of Leukocyte Biology, 2015, 97, 351-362.	1.5	30
65	Efficient Differentiation of <i>Mycobacterium abscessus</i> Complex Isolates to the Species Level by a Novel PCR-Based Variable-Number Tandem-Repeat Assay. Journal of Clinical Microbiology, 2011, 49, 1107-1109.	1.8	29
66	Development of a Polymerase Chain Reaction Test to Confirm <i>Mycobacterium Avium</i> Subsp. <i>Paratuberculosis</i> in Culture. Journal of Veterinary Diagnostic Investigation, 2004, 16, 116-120.	0.5	28
67	Nucleotide-Binding Oligomerization Domain 2 Contributes to Limiting Growth of <i>Mycobacterium abscessus</i> in the Lung of Mice by Regulating Cytokines and Nitric Oxide Production. Frontiers in Immunology, 2017, 8, 1477.	2.2	28
68	Treatment outcomes of macrolide-susceptible <i>Mycobacterium abscessus</i> lung disease. Diagnostic Microbiology and Infectious Disease, 2018, 90, 293-295.	0.8	28
69	<i>Mycobacterium tuberculosis</i> GrpE, A Heat-Shock Stress Responsive Chaperone, Promotes Th1-Biased T Cell Immune Response via TLR4-Mediated Activation of Dendritic Cells. Frontiers in Cellular and Infection Microbiology, 2018, 8, 95.	1.8	28
70	Novel vaccine potential of Rv3131, a DosR regulon-encoded putative nitroreductase, against hyper-virulent <i>Mycobacterium tuberculosis</i> strain K. Scientific Reports, 2017, 7, 44151.	1.6	27
71	Clinical Characteristics and Treatment Outcomes of Patients with Macrolide-Resistant <i>Mycobacterium massiliense</i> Lung Disease. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	27
72	Anti-Alpha-Enolase Antibody as a Serologic Marker and Its Correlation with Disease Severity in Intestinal Behçet's Disease. Digestive Diseases and Sciences, 2011, 56, 812-818.	1.1	26

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73	Complete genome sequence of <i>Mycobacterium tuberculosis</i> K from a Korean high school outbreak, belonging to the Beijing family. <i>Standards in Genomic Sciences</i> , 2015, 10, 78.	1.5	26
74	Virulence-Dependent Alterations in the Kinetics of Immune Cells during Pulmonary Infection by <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2015, 10, e0145234.	1.1	26
75	Successful antibiotic treatment of pulmonary disease caused by <i>Mycobacterium abscessus</i> subsp. <i>abscessus</i> with C-to-T mutation at position 19 in <i>erm(41)</i> gene: case report. <i>BMC Infectious Diseases</i> , 2016, 16, 207.	1.3	26
76	Clinical characteristics and treatment outcomes of pulmonary disease caused by <i>Mycobacterium chimaera</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 86, 382-384.	0.8	26
77	Cisplatin induces tolerogenic dendritic cells in response to TLR agonists via the abundant production of IL-10, thereby promoting Th2- and Tr1-biased T-cell immunity. <i>Oncotarget</i> , 2016, 7, 33765-33782.	0.8	26
78	Importance of Reciprocal Balance of T Cell Immunity in <i>Mycobacterium abscessus</i> Complex Lung Disease. <i>PLoS ONE</i> , 2014, 9, e109941.	1.1	25
79	High virulent clinical isolates of <i>Mycobacterium abscessus</i> from patients with the upper lobe fibrocavitary form of pulmonary disease. <i>Microbial Pathogenesis</i> , 2009, 47, 321-328.	1.3	24
80	<i>Mycobacterium tuberculosis</i> H37Rv, induces dendritic cell maturation and Th1 polarization. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 642-647.	1.0	24
81	Nontuberculous Mycobacterial Lung Diseases Caused by Mixed Infection with <i>Mycobacterium avium</i> Complex and <i>Mycobacterium abscessus</i> Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	24
82	Association between 16S rRNA gene mutations and susceptibility to amikacin in <i>Mycobacterium avium</i> Complex and <i>Mycobacterium abscessus</i> clinical isolates. <i>Scientific Reports</i> , 2021, 11, 6108.	1.6	24
83	<i>Mycobacterium paratuberculosis</i> CobT Activates Dendritic Cells via Engagement of Toll-like Receptor 4 Resulting in Th1 Cell Expansion*. <i>Journal of Biological Chemistry</i> , 2012, 287, 38609-38624.	1.6	23
84	Importance of differential identification of <i>Mycobacterium tuberculosis</i> strains for understanding differences in their prevalence, treatment efficacy, and vaccine development. <i>Journal of Microbiology</i> , 2018, 56, 300-311.	1.3	23
85	Comparative antibody response of five recombinant antigens in related to bacterial shedding levels and development of serological diagnosis based on 35 kDa antigen for <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Journal of Veterinary Science</i> , 2004, 5, 111.	0.5	22
86	Immunization with <i>Mycobacterium tuberculosis</i> â€“Specific Antigens Bypasses T Cell Differentiation from Prior Bacillus Calmetteâ€“GuÃ©rin Vaccination and Improves Protection in Mice. <i>Journal of Immunology</i> , 2020, 205, 2146-2155.	0.4	22
87	Identification of seroreactive proteins in the culture filtrate antigen of <i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i> human isolates to sera from Crohn's disease patients. <i>FEMS Immunology and Medical Microbiology</i> , 2010, 58, 128-137.	2.7	21
88	Serum inflammatory profiles in pulmonary tuberculosis and their association with treatment response. <i>Journal of Proteomics</i> , 2016, 149, 23-30.	1.2	21
89	Pulmonary immunity and durable protection induced by the ID93/GLA-SE vaccine candidate against the hyper-virulent Korean Beijing <i>Mycobacterium tuberculosis</i> strain K. <i>Vaccine</i> , 2016, 34, 2179-2187.	1.7	21
90	<i>Mycobacterium tuberculosis</i> ESAT6 induces IFN- $\gamma$ gene expression in Macrophages via TLRs-mediated signaling. <i>Cytokine</i> , 2018, 104, 104-109.	1.4	21

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91	Antigen-Specific IFN- $\gamma$ /IL-17-Co-Producing CD4+ T-Cells are the Determinants for Protective Efficacy of Tuberculosis Subunit Vaccine. <i>Vaccines</i> , 2020, 8, 300.	2.1	21
92	Differential immune response of adipocytes to virulent and attenuated <i>Mycobacterium tuberculosis</i> . <i>Microbes and Infection</i> , 2011, 13, 1242-1251.	1.0	20
93	Differentiation of Antigen-Specific T Cells with Limited Functional Capacity during <i>Mycobacterium tuberculosis</i> Infection. <i>Infection and Immunity</i> , 2014, 82, 132-139.	1.0	20
94	A Novel Therapeutic Approach Using Mesenchymal Stem Cells to Protect Against <i>Mycobacterium abscessus</i> . <i>Stem Cells</i> , 2016, 34, 1957-1970.	1.4	20
95	<i>Mycobacterium tuberculosis</i> PE27 activates dendritic cells and contributes to Th1-polarized memory immune responses during in vivo infection. <i>Immunobiology</i> , 2016, 221, 440-453.	0.8	20
96	miRNA Expression Profiles and Potential as Biomarkers in Nontuberculous Mycobacterial Pulmonary Disease. <i>Scientific Reports</i> , 2020, 10, 3178.	1.6	19
97	RG-II from <i>Panax ginseng</i> C.A. Meyer suppresses asthmatic reaction. <i>BMB Reports</i> , 2012, 45, 79-84.	1.1	19
98	Critical role of TRIF and MyD88 in <i>Mycobacterium tuberculosis</i> Hsp70-mediated activation of dendritic cells. <i>Cytokine</i> , 2015, 71, 139-144.	1.4	18
99	Mutations in <i>gyrA</i> and <i>gyrB</i> in Moxifloxacin-Resistant <i>Mycobacterium avium</i> Complex and <i>Mycobacterium abscessus</i> Complex Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	18
100	Differential Genotyping of <i>Mycobacterium avium</i> Complex and Its Implications in Clinical and Environmental Epidemiology. <i>Microorganisms</i> , 2020, 8, 98.	1.6	18
101	Changes in serum immunomolecules during antibiotic therapy for <i>Mycobacterium avium</i> complex lung disease. <i>Clinical and Experimental Immunology</i> , 2014, 176, 93-101.	1.1	17
102	Response to Switch from Intermittent Therapy to Daily Therapy for Refractory Nodular Bronchiectatic <i>Mycobacterium avium</i> Complex Lung Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4994-4996.	1.4	17
103	The role of nucleotide-binding oligomerization domain 1 during cytokine production by macrophages in response to <i>Mycobacterium tuberculosis</i> infection. <i>Immunobiology</i> , 2016, 221, 70-75.	0.8	17
104	Understanding Metabolic Regulation Between Host and Pathogens: New Opportunities for the Development of Improved Therapeutic Strategies Against <i>Mycobacterium tuberculosis</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 635335.	1.8	17
105	Molecular analysis of clinical isolates previously diagnosed as <i>Mycobacterium intracellulare</i> reveals incidental findings of <i>Mycobacterium indicus pranii</i> genotypes in human lung infection. <i>BMC Infectious Diseases</i> , 2015, 15, 406.	1.3	16
106	A novel PPE39 from <i>Mycobacterium tuberculosis</i> strain Beijing/K induces Th1 polarization via dendritic cell maturation. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	16
107	Delamanid, linezolid, levofloxacin, and pyrazinamide for the treatment of patients with fluoroquinolone-sensitive multidrug-resistant tuberculosis (Treatment Shortening of MDR-TB Using) Tj ETQq1 1 0.784314 rgBT /Overl open-label clinical trial. <i>Trials</i> , 2019, 20, 57.	0.7	16
108	Protein arginine methyltransferase 1 contributes to the development of allergic rhinitis by promoting the production of epithelial-derived cytokines. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1720-1731.	1.5	16

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109	Enhancement of protective immune responses by oral vaccination with <i>Saccharomyces cerevisiae</i> expressing recombinant <i>Actinobacillus pleuropneumoniae</i> ApxIA or ApxIIA in mice. <i>Journal of Veterinary Science</i> , 2007, 8, 383.	0.5	15
110	The <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> fibronectin attachment protein, a toll-like receptor 4 agonist, enhances dendritic cell-based cancer vaccine potency. <i>Experimental and Molecular Medicine</i> , 2012, 44, 340.	3.2	15
111	First case of nontuberculous mycobacterial lung disease caused by <i>Mycobacterium marseillense</i> in a patient with systemic lupus erythematosus. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 355-357.	0.8	15
112	Intermittent Antibiotic Therapy for Recurrent Nodular Bronchiectatic <i>Mycobacterium avium</i> Complex Lung Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	15
113	<i>Mycobacterium tuberculosis</i> MmsA, a novel immunostimulatory antigen, induces dendritic cell activation and promotes Th1 cell-type immune responses. <i>Cellular Immunology</i> , 2015, 298, 115-125.	1.4	14
114	Combination of TLR1/2 and TLR3 ligands enhances CD4+ T cell longevity and antibody responses by modulating type I IFN production. <i>Scientific Reports</i> , 2016, 6, 32526.	1.6	14
115	Comparison of immunogenicity and vaccine efficacy between heat-shock proteins, HSP70 and GrpE, in the DnaK operon of <i>Mycobacterium tuberculosis</i> . <i>Scientific Reports</i> , 2018, 8, 14411.	1.6	14
116	An Alternative Dendritic Cell-Induced Murine Model of Asthma Exhibiting a Robust Th2/Th17-Skewed Response. <i>Allergy, Asthma and Immunology Research</i> , 2020, 12, 537.	1.1	14
117	<i>Mycobacterium abscessus</i> MAB2560 induces maturation of dendritic cells via Toll-like receptor 4 and drives Th1 immune response. <i>BMB Reports</i> , 2014, 47, 512-517.	1.1	14
118	Clinical significance of <i>Mycobacterium szulgai</i> isolates from respiratory specimens. <i>Scandinavian Journal of Infectious Diseases</i> , 2014, 46, 169-174.	1.5	13
119	Essential Engagement of Toll-Like Receptor 2 in Initiation of Early Protective Th1 Response against Rough Variants of <i>Mycobacterium abscessus</i> . <i>Infection and Immunity</i> , 2015, 83, 1556-1567.	1.0	13
120	A Clofazimine-Containing Regimen Confers Improved Treatment Outcomes in Macrophages and in a Murine Model of Chronic Progressive Pulmonary Infection Caused by the <i>Mycobacterium avium</i> Complex. <i>Frontiers in Microbiology</i> , 2020, 11, 626216.	1.5	13
121	Experimental Reactivation of Pulmonary <i>Mycobacterium avium</i> Complex Infection in a Modified Cornell-Like Murine Model. <i>PLoS ONE</i> , 2015, 10, e0139251.	1.1	13
122	The <i>Mycobacterium avium</i> subsp. <i>Paratuberculosis</i> protein MAP1305 modulates dendritic cell-mediated T cell proliferation through Toll-like receptor-4. <i>BMB Reports</i> , 2014, 47, 115-120.	1.1	13
123	Virulence-dependent induction of interleukin-10-producing tolerogenic dendritic cells by <i>Mycobacterium tuberculosis</i> impedes optimal T helper type 1 proliferation. <i>Immunology</i> , 2017, 151, 177-190.	2.0	12
124	B Cell-Based Vaccine Transduced With ESAT6-Expressing Vaccinia Virus and Presenting $\beta$ -Galactosylceramide Is a Novel Vaccine Candidate Against ESAT6-Expressing Mycobacterial Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 2542.	2.2	12
125	Characteristics of Circulating CD4+ T Cell Subsets in Patients with <i>Mycobacterium avium</i> Complex Pulmonary Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1331.	1.0	12
126	Association of ISMav6 with the Pattern of Antibiotic Resistance in Korean <i>Mycobacterium avium</i> Clinical Isolates but No Relevance between Their Genotypes and Clinical Features. <i>PLoS ONE</i> , 2016, 11, e0148917.	1.1	12



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127	<i>Mycobacterium tuberculosis</i> ESAT6 Drives the Activation and Maturation of Bone Marrow-Derived Dendritic Cells via TLR4-Mediated Signaling. <i>Immune Network</i> , 2019, 19, e13.	1.6	12
128	DNA immunization of <i>Mycobacterium tuberculosis</i> resuscitation-promoting factor B elicits polyfunctional CD8 <sup>+</sup> T cell responses. <i>Clinical and Experimental Vaccine Research</i> , 2014, 3, 235.	1.1	11
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