Sung Jae Shin

List of Publications by Year
in descending order

198 papers	6,225 citations	81900 39 h-index	102487 66 g-index
204 all docs	204 docs citations	204 times ranked	5986 citing authors

#	Article	IF	Citations
1	Hostâ€directed antiâ€mycobacterial activity of colchicine, an antiâ€gout drug, via strengthened host innate resistance reinforced by the ILâ€1Î²/PGE₂ axis. British Journal of Pharmacology, 2022, 179, 3951-3969.	5.4	4
2	Vaccination inducing durable and robust antigen-specific Th1/Th17 immune responses contributes to prophylactic protection against <i>Mycobacterium avium</i> infection but is ineffective as an adjunct to antibiotic treatment in chronic disease. Virulence, 2022, 13, 808-832.	4.4	3
3	Identification of nontuberculous mycobacteria isolated from household showerheads of patients with nontuberculous mycobacteria. Scientific Reports, 2022, 12, .	3.3	1
4	Viral coinfection promotes tuberculosis immunopathogenesis by type I IFN signaling-dependent impediment of Th1 cell pulmonary influx. Nature Communications, 2022, 13, .	12.8	11
5	Association between 16S rRNA gene mutations and susceptibility to amikacin in Mycobacterium avium Complex and Mycobacterium abscessus clinical isolates. Scientific Reports, 2021, 11, 6108.	3.3	24
6	Understanding Metabolic Regulation Between Host and Pathogens: New Opportunities for the Development of Improved Therapeutic Strategies Against Mycobacterium tuberculosis Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 635335.	3.9	17
7	Genetic Involvement of Mycobacterium avium Complex in the Regulation and Manipulation of Innate Immune Functions of Host Cells. International Journal of Molecular Sciences, 2021, 22, 3011.	4.1	10
8	Protein arginine methyltransferase 1 contributes to the development of allergic rhinitis by promoting the production of epithelial-derived cytokines. Journal of Allergy and Clinical Immunology, 2021, 147, 1720-1731.	2.9	16
9	Understanding the Reciprocal Interplay Between Antibiotics and Host Immune System: How Can We Improve the Anti-Mycobacterial Activity of Current Drugs to Better Control Tuberculosis?. Frontiers in Immunology, 2021, 12, 703060.	4.8	8
10	Blockade of translationally controlled tumor protein attenuated the aggressiveness of fibroblast-like synoviocytes and ameliorated collagen-induced arthritis. Experimental and Molecular Medicine, 2021, 53, 67-80.	7.7	11
11	Exacerbation of <i>Mycobacterium avium</i> pulmonary infection by comorbid allergic asthma is associated with diminished mycobacterium-specific Th17 responses. Virulence, 2021, 12, 2546-2561.	4.4	2
12	Type I Interferons Are Involved in the Intracellular Growth Control of Mycobacterium abscessus by Mediating NOD2-Induced Production of Nitric Oxide in Macrophages. Frontiers in Immunology, 2021, 12, 738070.	4.8	9
13	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.	6.7	89
14	Rifabutin Is Active against Mycobacterium abscessus in Mice. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	59
15	Preclinical assessment of a new live attenuated Mycobacterium tuberculosis Beijing-based vaccine for tuberculosis. Vaccine, 2020, 38, 1416-1423.	3.8	7
16	Does the Effectiveness and Mechanical Strength of Kanamycin-Loaded Bone Cement in Musculoskeletal Tuberculosis Compare to Vancomycin-Loaded Bone Cement. Journal of Arthroplasty, 2020, 35, 864-869.	3.1	4
17	Immunization with Mycobacterium tuberculosisâ€"Specific Antigens Bypasses T Cell Differentiation from Prior Bacillus Calmetteâ€"GuÃ©rin Vaccination and Improves Protection in Mice. Journal of Immunology, 2020, 205, 2146-2155.	0.8	22
18	Fms-Like Tyrosine Kinase 3-Independent Dendritic Cells Are Major Mediators of Th2 Immune Responses in Allergen-Induced Asthmatic Mice. International Journal of Molecular Sciences, 2020, 21, 9508.	4.1	4

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19	Bacterial Outer Membrane Vesicle-Mediated Cytosolic Delivery of Flagellin Triggers Host NLRC4 Canonical Inflammasome Signaling. Frontiers in Immunology, 2020, 11, 581165.	4.8	35
20	Mycobacterium tuberculosis Infection-Driven Foamy Macrophages and Their Implications in Tuberculosis Control as Targets for Host-Directed Therapy. Frontiers in Immunology, 2020, 11, 910.	4.8	58
21	Characteristics of Circulating CD4+ T Cell Subsets in Patients with Mycobacterium avium Complex Pulmonary Disease. Journal of Clinical Medicine, 2020, 9, 1331.	2.4	12
22	Toll-like receptor 4 signaling-mediated responses are critically engaged in optimal host protection against highly virulent<i>Mycobacterium tuberculosis</i>K infection. Virulence, 2020, 11, 430-445.	4.4	9
23	3D Imaging of the Transparent Mycobacterium tuberculosis-Infected Lung Verifies the Localization of Innate Immune Cells With Granuloma. Frontiers in Cellular and Infection Microbiology, 2020, 10, 226.	3.9	8
24	Antigen-Specific IFN-Î³/IL-17-Co-Producing CD4+ T-Cells are the Determinants for Protective Efficacy of Tuberculosis Subunit Vaccine. Vaccines, 2020, 8, 300.	4.4	21
25	miRNA Expression Profiles and Potential as Biomarkers in Nontuberculous Mycobacterial Pulmonary Disease. Scientific Reports, 2020, 10, 3178.	3.3	19
26	Differential Genotyping of Mycobacterium avium Complex and Its Implications in Clinical and Environmental Epidemiology. Microorganisms, 2020, 8, 98.	3.6	18
27	Plant-Produced N-glycosylated Ag85A Exhibits Enhanced Vaccine Efficacy Against Mycobacterium tuberculosis HN878 Through Balanced Multifunctional Th1 T Cell Immunity. Vaccines, 2020, 8, 189.	4.4	7
28	A Clofazimine-Containing Regimen Confers Improved Treatment Outcomes in Macrophages and in a Murine Model of Chronic Progressive Pulmonary Infection Caused by the Mycobacterium avium Complex. Frontiers in Microbiology, 2020, 11, 626216.	3.5	13
29	An Alternative Dendritic Cell-Induced Murine Model of Asthma Exhibiting a Robust Th2/Th17-Skewed Response. Allergy, Asthma and Immunology Research, 2020, 12, 537.	2.9	14
30	A novel PPE39 from Mycobacterium tuberculosis strain Beijing/K induces Th1 polarization via dendritic cell maturation. Journal of Cell Science, 2019, 132, .	2.0	16
31	Common Variants in the Glycerol Kinase Gene Reduce Tuberculosis Drug Efficacy. MBio, 2019, 10, .	4.1	80
32	Naturally-Occurring Polymorphisms in QcrB Are Responsible for Resistance to Telacebec in <i>Mycobacterium abscessus</i>. ACS Infectious Diseases, 2019, 5, 2055-2060.	3.8	9
33	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.	3.3	32
34	Construction and Characterization of the Mycobacterium tuberculosis sigE fadD26 Unmarked Double Mutant as a Vaccine Candidate. Infection and Immunity, 2019, 88, .	2.2	5
35	Infection of Dendritic Cells With Mycobacterium avium subspecies hominissuis Exhibits a Functionally Tolerogenic Phenotype in Response to Toll-Like Receptor Agonists via IL-10/Cox2/PGE2/EP2 Axis. Frontiers in Microbiology, 2019, 10, 1795.	3.5	11
36	Delamanid, linezolid, levofloxacin, and pyrazinamide for the treatment of patients with fluoroquinolone-sensitive multidrug-resistant tuberculosis (Treatment Shortening of MDR-TB Using) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 open-label clinical trial. Trials, 2019, 20, 57.	1.6	16

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37	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, .	3.9	33
38	<i>In Vitro</i> Activity of Bedaquiline and Delamanid against Nontuberculous Mycobacteria, Including Macrolide-Resistant Clinical Isolates. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	44
39	Species Distribution and Macrolide Susceptibility of <i>Mycobacterium fortuitum</i> Complex Clinical Isolates. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	11
40	Immunogenicity and Vaccine Potential of InsB, an ESAT-6-Like Antigen Identified in the Highly Virulent Mycobacterium tuberculosis Beijing K Strain. Frontiers in Microbiology, 2019, 10, 220.	3.5	9
41	Long-term natural history of non-cavitary nodular bronchiectatic nontuberculous mycobacterial pulmonary disease. Respiratory Medicine, 2019, 151, 1-7.	2.9	38
42	Vaccine efficacy of a <i>Mycobacterium tuberculosis</i> Beijingâ€specific prolineâ€glutamic acid (PE) antigen against highly virulent outbreak isolates. FASEB Journal, 2019, 33, 6483-6496.	0.5	9
43	IL-15 Generates IFN-Î³-producing Cells Reciprocally Expressing Lymphoid-Myeloid Markers during Dendritic Cell Differentiation. International Journal of Biological Sciences, 2019, 15, 464-480.	6.4	8
44	In vivo efficacy of combination of colistin with fosfomycin or minocycline in a mouse model of multidrug-resistant Acinetobacter baumannii pneumonia. Scientific Reports, 2019, 9, 17127.	3.3	31
45	B Cell-Based Vaccine Transduced With ESAT6-Expressing Vaccinia Virus and Presenting Î±-Galactosylceramide Is a Novel Vaccine Candidate Against ESAT6-Expressing Mycobacterial Diseases. Frontiers in Immunology, 2019, 10, 2542.	4.8	12
46	Recent advances in molecular diagnostics and understanding mechanisms of drug resistance in nontuberculous mycobacterial diseases. Infection, Genetics and Evolution, 2019, 72, 169-182.	2.3	39
47	Genetic mutations in linezolid-resistant Mycobacterium avium complex and Mycobacterium abscessus clinical isolates. Diagnostic Microbiology and Infectious Disease, 2019, 94, 38-40.	1.8	10
48	<i>Mycobacterium tuberculosis</i>ESAT6 Drives the Activation and Maturation of Bone Marrow-Derived Dendritic Cells via TLR4-Mediated Signaling. Immune Network, 2019, 19, e13.	3.6	12
49	Two Distinct Subsets Are Identified from the Peritoneal Myeloid Mononuclear Cells Expressing both CD11c and CD115. Immune Network, 2019, 19, e15.	3.6	11
50	Amikacin Inhalation as Salvage Therapy for Refractory Nontuberculous Mycobacterial Lung Disease. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	41
51	A novel Th1-type T-cell immunity-biasing effect of malate dehydrogenase derived from Mycobacterium avium subspecies paratuberculosis via the activation of dendritic cells. Cytokine, 2018, 104, 14-22.	3.2	8
52	Treatment outcomes of macrolide-susceptible Mycobacterium abscessus lung disease. Diagnostic Microbiology and Infectious Disease, 2018, 90, 293-295.	1.8	28
53	Importance of differential identification of Mycobacterium tuberculosis strains for understanding differences in their prevalence, treatment efficacy, and vaccine development. Journal of Microbiology, 2018, 56, 300-311.	2.8	23
54	Mycobacterium tuberculosis ESAT6 induces IFN-Î² gene expression in Macrophages via TLRs-mediated signaling. Cytokine, 2018, 104, 104-109.	3.2	21

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55	Intermittent Antibiotic Therapy for Recurrent Nodular Bronchiectatic Mycobacterium avium Complex Lung Disease. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	15
56	Comparison of immunogenicity and vaccine efficacy between heat-shock proteins, HSP70 and GrpE, in the DnaK operon of Mycobacterium tuberculosis. Scientific Reports, 2018, 8, 14411.	3.3	14
57	Mutations in <i>gyrA</i> and <i>gyrB</i> in Moxifloxacin-Resistant Mycobacterium avium Complex and Mycobacterium abscessus Complex Clinical Isolates. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	18
58	Vaccine potential of ESAT-6 protein fused with consensus CD4+ T-cell epitopes of PE/PPE proteins against highly pathogenic Mycobacterium tuberculosis strain HN878. Biochemical and Biophysical Research Communications, 2018, 503, 2195-2201.	2.1	6
59	Mycobacterium tuberculosis 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.	3.9	28
60	MAP1981c, a Putative Nucleic Acid-Binding Protein, Produced by Mycobacterium avium subsp. paratuberculosis, Induces Maturation of Dendritic Cells and Th1-Polarization. Frontiers in Cellular and Infection Microbiology, 2018, 8, 206.	3.9	5
61	Nontuberculous Mycobacterial Lung Diseases Caused by Mixed Infection with Mycobacterium avium Complex and Mycobacterium abscessus Complex. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	24
62	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.	5.6	46
63	Potentiation of Th1-Type Immune Responses to Mycobacterium tuberculosis Antigens in Mice by Cationic Liposomes Combined with De-O-Acylated Lipooligosaccharide. Journal of Microbiology and Biotechnology, 2018, 28, 136-144.	2.1	9
64	Virulenceâ€dependent induction of interleukinâ€10â€producingâ€tolerogenic dendritic cells by <i>Mycobacterium tuberculosis</i> impedes optimal T helper type 1 proliferation. Immunology, 2017, 151, 177-190.	4.4	12
65	Novel vaccine potential of Rv3131, a DosR regulon-encoded putative nitroreductase, against hyper-virulent Mycobacterium tuberculosis strain K. Scientific Reports, 2017, 7, 44151.	3.3	27
66	Mycobacteriological characteristics and treatment outcomes in extrapulmonary Mycobacterium abscessus complex infections. International Journal of Infectious Diseases, 2017, 60, 49-56.	3.3	46
67	TLR2 contributes to trigger immune response of pleural mesothelial cells against Mycobacterium bovis BCG and M. tuberculosis infection. Cytokine, 2017, 95, 80-87.	3.2	6
68	Distribution and clinical significance of Mycobacterium avium complex species isolated from respiratory specimens. Diagnostic Microbiology and Infectious Disease, 2017, 88, 125-137.	1.8	39
69	Clofazimine-Containing Regimen for the Treatment of Mycobacterium abscessus Lung Disease. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	86
70	Recombinant BCG Expressing ESX-1 of Mycobacterium marinum Combines Low Virulence with Cytosolic Immune Signaling and Improved TB Protection. Cell Reports, 2017, 18, 2752-2765.	6.4	98
71	Outcomes of <i>Mycobacterium avium</i> complex lung disease based on clinical phenotype. European Respiratory Journal, 2017, 50, 1602503.	6.7	154
72	Development of a One-Step Multiplex PCR Assay for Differential Detection of Major Mycobacterium Species. Journal of Clinical Microbiology, 2017, 55, 2736-2751.	3.9	32

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73	Mycobacterial Characteristics and Treatment Outcomes in Mycobacterium abscessus Lung Disease. Clinical Infectious Diseases, 2017, 64, 309-316.	5.8	169
74	Clinical Characteristics and Treatment Outcomes of Patients with Macrolide-Resistant Mycobacterium massiliense Lung Disease. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	27
75	Changes in Serum IgA Antibody Levels against the Glycopeptidolipid Core Antigen during Antibiotic Treatment of <i>Mycobacterium avium</i> Complex Lung Disease. Japanese Journal of Infectious Diseases, 2017, 70, 582-585.	1.2	10
76	Down-Regulation of Serum High-Mobility Group Box 1 Protein in Patients with Pulmonary Tuberculosis and Nontuberculous Mycobacterial Lung Disease. Tuberculosis and Respiratory Diseases, 2017, 80, 153.	1.8	1
77	Nucleotide-Binding Oligomerization Domain 2 Contributes to Limiting Growth of Mycobacterium abscessus in the Lung of Mice by Regulating Cytokines and Nitric Oxide Production. Frontiers in Immunology, 2017, 8, 1477.	4.8	28
78	Aminated nanomicelles as a designer vaccine adjuvant to trigger inflammasomes and multiple arms of the innate immune response in lymph nodes. International Journal of Nanomedicine, 2017, Volume 12, 7501-7517.	6.7	8
79	Clinical Characteristics and Treatment Outcomes of Patients with Acquired Macrolide-Resistant Mycobacterium abscessus Lung Disease. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	44
80	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. Oncotarget, 2017, 8, 19947-19967.	1.8	38
81	Apoptotic Effect of Macrophages againstMycobacterium tuberculosis. Journal of Bacteriology and Virology, 2016, 46, 312.	0.1	0
82	Successful antibiotic treatment of pulmonary disease caused by Mycobacterium abscessus subsp. abscessus with C-to-T mutation at position 19 in erm(41) gene: case report. BMC Infectious Diseases, 2016, 16, 207.	2.9	26
83	Serum inflammatory profiles in pulmonary tuberculosis and their association with treatment response. Journal of Proteomics, 2016, 149, 23-30.	2.4	21
84	A Novel Therapeutic Approach Using Mesenchymal Stem Cells to Protect Against <i>Mycobacterium abscessus</i>. Stem Cells, 2016, 34, 1957-1970.	3.2	20
85	Pulmonary immunity and durable protection induced by the ID93/GLA-SE vaccine candidate against the hyper-virulent Korean Beijing Mycobacterium tuberculosis strain K. Vaccine, 2016, 34, 2179-2187.	3.8	21
86	Oral Macrolide Therapy Following Short-term Combination Antibiotic Treatment of Mycobacterium massiliense Lung Disease. Chest, 2016, 150, 1211-1221.	0.8	48
87	Clinical characteristics and treatment outcomes of pulmonary disease caused by Mycobacterium chimaera. Diagnostic Microbiology and Infectious Disease, 2016, 86, 382-384.	1.8	26
88	Peak Plasma Concentration of Azithromycin and Treatment Responses in Mycobacterium avium Complex Lung Disease. Antimicrobial Agents and Chemotherapy, 2016, 60, 6076-6083.	3.2	43
89	Clinical Characteristics, Treatment Outcomes, and Resistance Mutations Associated with Macrolide-Resistant Mycobacterium avium Complex Lung Disease. Antimicrobial Agents and Chemotherapy, 2016, 60, 6758-6765.	3.2	90
90	Combination of TLR1/2 and TLR3 ligands enhances CD4+ T cell longevity and antibody responses by modulating type I IFN production. Scientific Reports, 2016, 6, 32526.	3.3	14

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91	Mycobacterium tuberculosis PE27 activates dendritic cells and contributes to Th1-polarized memory immune responses during in vivo infection. Immunobiology, 2016, 221, 440-453.	1.9	20
92	The role of nucleotide-binding oligomerization domain 1 during cytokine production by macrophages in response to Mycobacterium tuberculosis infection. Immunobiology, 2016, 221, 70-75.	1.9	17
93	Association of ISMav6 with the Pattern of Antibiotic Resistance in Korean Mycobacterium avium Clinical Isolates but No Relevance between Their Genotypes and Clinical Features. PLoS ONE, 2016, 11, e0148917.	2.5	12
94	<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.	1.8	32
95	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. Oncotarget, 2016, 7, 33765-33782.	1.8	26
96	Mycobacterium abscessus á´…-alanyl-á´…-alanine dipeptidase induces the maturation of dendritic cells and promotes Th1-biased immunity. BMB Reports, 2016, 49, 554-559.	2.4	6
97	Molecular analysis of clinical isolates previously diagnosed as Mycobacterium intracellulare reveals incidental findings of â€œMycobacterium indicus praniiâ€• genotypes in human lung infection. BMC Infectious Diseases, 2015, 15, 406.	2.9	16
98	Complete genome sequence of Mycobacterium tuberculosis K from a Korean high school outbreak, belonging to the Beijing family. Standards in Genomic Sciences, 2015, 10, 78.	1.5	26
99	Nontuberculous Mycobacterial Lung Disease Caused by<i>Mycobacterium simiae</i>: The First Reported Case in South Korea. Tuberculosis and Respiratory Diseases, 2015, 78, 432.	1.8	4
100	Immunomodulatory Roles of PE/PPE Proteins and Their Implications in Genomic Features of<i>Mycobacterium tuberculosis</i>. Journal of Bacteriology and Virology, 2015, 45, 272.	0.1	1
101	Nontuberculous Mycobacterial Lung Disease Caused by<i>Mycobacterium shinjukuense</i>: The First Reported Case in Korea. Tuberculosis and Respiratory Diseases, 2015, 78, 416.	1.8	5
102	Characterization, Quantification, and Determination of the Toxicity of Iron Oxide Nanoparticles to the Bone Marrow Cells. International Journal of Molecular Sciences, 2015, 16, 22243-22257.	4.1	33
103	Clinical Significance of Mycobacterium kansasii Isolates from Respiratory Specimens. PLoS ONE, 2015, 10, e0139621.	2.5	38
104	Virulence-Dependent Alterations in the Kinetics of Immune Cells during Pulmonary Infection by Mycobacterium tuberculosis. PLoS ONE, 2015, 10, e0145234.	2.5	26
105	Essential Engagement of Toll-Like Receptor 2 in Initiation of Early Protective Th1 Response against Rough Variants of Mycobacterium abscessus. Infection and Immunity, 2015, 83, 1556-1567.	2.2	13
106	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.	3.3	30
107	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.	3.9	55
108	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.	5.6	134

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109	<i>Mycobacterium tuberculosis</i> RpfE promotes simultaneous Th1â€•and Th17â€type Tâ€cell immunity via TLR4â€dependent maturation of dendritic cells. European Journal of Immunology, 2015, 45, 1957-1971.	2.9	60
110	Mycobacterium tuberculosis MmsA, a novel immunostimulatory antigen, induces dendritic cell activation and promotes Th1 cell-type immune responses. Cellular Immunology, 2015, 298, 115-125.	3.0	14
111	Response to Switch from Intermittent Therapy to Daily Therapy for Refractory Nodular Bronchiectatic Mycobacterium avium Complex Lung Disease. Antimicrobial Agents and Chemotherapy, 2015, 59, 4994-4996.	3.2	17
112	Critical role of TRIF and MyD88 in Mycobacterium tuberculosis Hsp70-mediated activation of dendritic cells. Cytokine, 2015, 71, 139-144.	3.2	18
113	Experimental Reactivation of Pulmonary Mycobacterium avium Complex Infection in a Modified Cornell-Like Murine Model. PLoS ONE, 2015, 10, e0139251.	2.5	13
114	Repeated Aerosolized-Boosting with Gamma-Irradiated Mycobacterium bovis BCG Confers Improved Pulmonary Protection against the Hypervirulent Mycobacterium tuberculosis Strain HN878 in Mice. PLoS ONE, 2015, 10, e0141577.	2.5	9
115	Heat shock protein X purified from Mycobacterium tuberculosis enhances the efficacy of dendritic cells-based immunotherapy for the treatment of allergic asthma. BMB Reports, 2015, 48, 178-183.	2.4	6
116	Mycobacterium bovisBacillus Calmette-Guerin (BCG) and BCG-based Vaccines Against Tuberculosis. Journal of Bacteriology and Virology, 2014, 44, 236.	0.1	3
117	Importance of Reciprocal Balance of T Cell Immunity in Mycobacterium abscessus Complex Lung Disease. PLoS ONE, 2014, 9, e109941.	2.5	25
118	DNA immunization of<i>Mycobacterium tuberculosis</i>resuscitation-promoting factor B elicits polyfunctional CD8⁺T cell responses. Clinical and Experimental Vaccine Research, 2014, 3, 235.	2.2	11
119	The First Korean Case of Nontuberculous Mycobacterial Lung Disease Caused by<i>Mycobacterium abscessus</i>Subspecies<i>bolletii</i>in a Patient with Bronchiectasis. Tuberculosis and Respiratory Diseases, 2014, 76, 30.	1.8	3
120	Differentiation of Antigen-Specific T Cells with Limited Functional Capacity during Mycobacterium tuberculosis Infection. Infection and Immunity, 2014, 82, 3514-3514.	2.2	1
121	Clinical significance of Mycobacterium szulgai isolates from respiratory specimens. Scandinavian Journal of Infectious Diseases, 2014, 46, 169-174.	1.5	13
122	First case of nontuberculous mycobacterial lung disease caused by Mycobacterium marseillense in a patient with systemic lupus erythematosus. Diagnostic Microbiology and Infectious Disease, 2014, 79, 355-357.	1.8	15
123	Lithium inhibits growth of intracellular Mycobacterium kansasii through enhancement of macrophage apoptosis. Journal of Microbiology, 2014, 52, 299-306.	2.8	7
124	Changes in serum immunomolecules during antibiotic therapy for<i>Mycobacterium avium</i>complex lung disease. Clinical and Experimental Immunology, 2014, 176, 93-101.	2.6	17
125	Differentiation of Antigen-Specific T Cells with Limited Functional Capacity during Mycobacterium tuberculosis Infection. Infection and Immunity, 2014, 82, 132-139.	2.2	20
126	Enhancement of Tumor-Specific T Cellâ€“Mediated Immunity in Dendritic Cellâ€“Based Vaccines by <i>Mycobacterium tuberculosis</i> Heat Shock Protein X. Journal of Immunology, 2014, 193, 1233-1245.	0.8	34

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127	Characterization of a novel antigen of Mycobacterium tuberculosis K strain and its use in immunodiagnosis of tuberculosis. Journal of Microbiology, 2014, 52, 871-878.	2.8	9
128	A Potential Protein Adjuvant Derived from Mycobacterium tuberculosis Rv0652 Enhances Dendritic Cells-Based Tumor Immunotherapy. PLoS ONE, 2014, 9, e104351.	2.5	91
129	The Mycobacterium avium subsp. Paratuberculosis protein MAP1305 modulates dendritic cell-mediated T cell proliferation through Toll-like receptor-4. BMB Reports, 2014, 47, 115-120.	2.4	13
130	Mycobacterium abscessus MAB2560 induces maturation of dendritic cells via Toll-like receptor 4 and drives Th1 immune response. BMB Reports, 2014, 47, 512-517.	2.4	14
131	Mycobacterial Genotypes Are Associated With Clinical Manifestation and Progression of Lung Disease Caused by Mycobacterium abscessus and Mycobacterium massiliense. Clinical Infectious Diseases, 2013, 57, 32-39.	5.8	67
132	<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.	3.3	59
133	Treatment of Refractory Mycobacterium avium Complex Lung Disease with a Moxifloxacin-Containing Regimen. Antimicrobial Agents and Chemotherapy, 2013, 57, 2281-2285.	3.2	82
134	First Case of Pulmonary Disease Caused by a Mycobacterium avium Complex Strain of Presumed Veterinary Origin in an Adult Human Patient. Journal of Clinical Microbiology, 2013, 51, 1993-1995.	3.9	2
135	Severe vitamin <scp>D</scp> deficiency is associated with nonâ€tuberculous mycobacterial lung disease: A caseâ€control study. Respirology, 2013, 18, 983-988.	2.3	30
136	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.	3.9	32
137	Leptin: A Multifunctional Role as an Immunomodulator in Mycobacterial Lung Disease. Journal of Bacteriology and Virology, 2013, 43, 1.	0.1	1
138	Nontuberculous Mycobacterial Lung Disease Caused byMycobacterium lentiflavumin a Patient with Bronchiectasis. Tuberculosis and Respiratory Diseases, 2013, 74, 187.	1.8	9
139	Nontuberculous Mycobacterial Lung Disease Caused by<i>Mycobacterium chelonae</i>: A Case Report. Tuberculosis and Respiratory Diseases, 2013, 74, 191.	1.8	4
140	The Genome Sequence of â€˜Mycobacterium massilienseâ€™ Strain CIP 108297 Suggests the Independent Taxonomic Status of the Mycobacterium abscessus Complex at the Subspecies Level. PLoS ONE, 2013, 8, e81560.	2.5	54
141	Peptidylarginine Deiminase and Citrullination: Potential Therapeutic Targets for Inflammatory Diseases. Journal of Bacteriology and Virology, 2013, 43, 159.	0.1	3
142	Differential Immune Responses to Segniliparus rotundus and Segniliparus rugosus Infection and Analysis of Their Comparative Virulence Profiles. PLoS ONE, 2013, 8, e59646.	2.5	7
143	<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.	0.5	84
144	Draft Genome Sequence of Mycobacterium abscessus subsp. bolletii BDT. Journal of Bacteriology, 2012, 194, 2756-2757.	2.2	30

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145	<i>The Mycobacterium avium</i>subsp.<i>paratuberculosis</i>fibronectin attachment protein, a toll-like receptor 4 agonist, enhances dendritic cell-based cancer vaccine potency. Experimental and Molecular Medicine, 2012, 44, 340.	7.7	15
146	Activities of Moxifloxacin in Combination with Macrolides against Clinical Isolates of Mycobacterium abscessus and Mycobacterium massiliense. Antimicrobial Agents and Chemotherapy, 2012, 56, 3549-3555.	3.2	38
147	Clinical Significance of the Differentiation Between Mycobacterium avium and Mycobacterium intracellulare in M avium Complex Lung Disease. Chest, 2012, 142, 1482-1488.	0.8	170
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149	Recent research on bovine paratuberculosis in South Korea. Veterinary Immunology and Immunopathology, 2012, 148, 23-28.	1.2	8
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