

John T Belisle

List of Publications by Year in descending order

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147
papers

12,785
citations

41627

51
h-index

29333

108
g-index

153
all docs

153
docs citations

153
times ranked

12281
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomarker selection and a prospective metabolite-based machine learning diagnostic for lyme disease. Scientific Reports, 2022, 12, 1478.	1.6	8
2	Localization of EccA3 at the growing pole in Mycobacterium smegmatis. BMC Microbiology, 2022, 22, 140.	1.3	1
3	Metabolic Response in Patients With Post-treatment Lyme Disease Symptoms/Syndrome. Clinical Infectious Diseases, 2021, 73, e2342-e2349.	2.9	14
4	An Infection-Tolerant Mammalian Reservoir for Several Zoonotic Agents Broadly Counters the Inflammatory Effects of Endotoxin. MBio, 2021, 12, .	1.8	7
5	Identification and functional analysis of a galactosyltransferase capable of cholesterol glycolipid formation in the Lyme disease spirochete Borrelia burgdorferi. PLoS ONE, 2021, 16, e0252214.	1.1	5
6	Reductive Power Generated by Mycobacterium leprae Through Cholesterol Oxidation Contributes to Lipid and ATP Synthesis. Frontiers in Cellular and Infection Microbiology, 2021, 11, 709972.	1.8	10
7	An <i>rfuABCD</i> -Like Operon and Its Relationship to Riboflavin Utilization and Mammalian Infectivity by Borrelia burgdorferi. Infection and Immunity, 2021, 89, e0030721.	1.0	1
8	Evaluation of autophagy mediators in myeloid-derived suppressor cells during human tuberculosis. Cellular Immunology, 2021, 369, 104426.	1.4	7
9	Host Metabolic Response in Early Lyme Disease. Journal of Proteome Research, 2020, 19, 610-623.	1.8	17
10	Dengue virus dominates lipid metabolism modulations in Wolbachia-coinfected Aedes aegypti. Communications Biology, 2020, 3, 518.	2.0	33
11	Quantitative 18F-FDG PET-CT scan characteristics correlate with tuberculosis treatment response. EJNMMI Research, 2020, 10, 8.	1.1	27
12	Distinct serum biosignatures are associated with different tuberculosis treatment outcomes. Tuberculosis, 2019, 118, 101859.	0.8	24
13	A pilot metabolomics study of tuberculosis immune reconstitution inflammatory syndrome. International Journal of Infectious Diseases, 2019, 84, 30-38.	1.5	20
14	Immunoproteomic analysis of Borrelia miyamotoi for the identification of serodiagnostic antigens. Scientific Reports, 2019, 9, 16808.	1.6	15
15	Elucidation of a Human Urine Metabolite as a Seryl-Leucine Glycopeptide and as a Biomarker of Effective Anti-Tuberculosis Therapy. ACS Infectious Diseases, 2019, 5, 353-364.	1.8	9
16	Mycobacteria and their sweet proteins: An overview of protein glycosylation and lipoglycosylation in M. tuberculosis. Tuberculosis, 2019, 115, 1-13.	0.8	24
17	Increased serum sialic acid is associated with morbidity and mortality in a murine model of dengue disease. Journal of General Virology, 2019, 100, 1515-1522.	1.3	10
18	<i>Mycobacterium tuberculosis</i> Transfer RNA Induces IL-12p70 via Synergistic Activation of Pattern Recognition Receptors within a Cell Network. Journal of Immunology, 2018, 200, 3244-3258.	0.4	18

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19	Biochemical Characterization of Isoniazid-resistant Mycobacterium tuberculosis: Can the Analysis of Clonal Strains Reveal Novel Targetable Pathways?. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1685-1701.	2.5	19
20	Evidence of zoonotic leprosy in Pará, Brazilian Amazon, and risks associated with human contact or consumption of armadillos. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006532.	1.3	65
21	Host Lipid Mediators in Leprosy: The Hypothesized Contributions to Pathogenesis. <i>Frontiers in Immunology</i> , 2018, 9, 134.	2.2	17
22	Identification of Urine Metabolites as Biomarkers of Early Lyme Disease. <i>Scientific Reports</i> , 2018, 8, 12204.	1.6	18
23	Dynamic remodeling of lipids coincides with dengue virus replication in the midgut of <i>Aedes aegypti</i> mosquitoes. <i>PLoS Pathogens</i> , 2018, 14, e1006853.	2.1	106
24	Type 1 reaction in leprosy patients corresponds with a decrease in pro-resolving and an increase in pro-inflammatory lipid mediators. <i>Journal of Infectious Diseases</i> , 2017, 215, jiw541.	1.9	19
25	Elucidating the Structure of <i>N</i> ¹ -Acetylispoptreanine: A Novel Polyamine Catabolite in Human Urine. <i>ACS Omega</i> , 2017, 2, 3921-3930.	1.6	11
26	Metabolic differentiation of early Lyme disease from southern tick-associated rash illness (STARI). <i>Science Translational Medicine</i> , 2017, 9, .	5.8	31
27	Genome-scale analysis of the genes that contribute to <i>Burkholderia pseudomallei</i> biofilm formation identifies a crucial exopolysaccharide biosynthesis gene cluster. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005689.	1.3	19
28	Metabolomics-Based Discovery of Small Molecule Biomarkers in Serum Associated with Dengue Virus Infections and Disease Outcomes. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004449.	1.3	53
29	Greazy: Open-Source Software for Automated Phospholipid Tandem Mass Spectrometry Identification. <i>Analytical Chemistry</i> , 2016, 88, 5733-5741.	3.2	50
30	Human NOD2 Recognizes Structurally Unique Muramyl Dipeptides from <i>Mycobacterium leprae</i> . <i>Infection and Immunity</i> , 2016, 84, 2429-2438.	1.0	34
31	Diguanylate cyclase activity of the <i>Mycobacterium leprae</i> T cell antigen ML1419c. <i>Microbiology (United Kingdom)</i> 157, 1078-1087.	1.0	78
32	Fractionation and Analysis of Mycobacterial Proteins. <i>Methods in Molecular Biology</i> , 2015, 1285, 47-75.	0.4	7
33	<i>Francisella tularensis</i> LVS Surface and Membrane Proteins as Targets of Effective Post-Exposure Immunization for Tularemia. <i>Journal of Proteome Research</i> , 2015, 14, 664-675.	1.8	21
34	Carbohydrate-Dependent Binding of Langerin to SodC, a Cell Wall Glycoprotein of <i>Mycobacterium leprae</i> . <i>Journal of Bacteriology</i> , 2015, 197, 615-625.	1.0	12
35	Development of a Metabolic Biosignature for Detection of Early Lyme Disease. <i>Clinical Infectious Diseases</i> , 2015, 60, 1767-1775.	2.9	65
36	The Essential Role of Cholesterol Metabolism in the Intracellular Survival of <i>Mycobacterium leprae</i> Is Not Coupled to Central Carbon Metabolism and Energy Production. <i>Journal of Bacteriology</i> , 2015, 197, 3698-3707.	1.0	33

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37	Short communication: Proteomic characterization of tuberculin purified protein derivative from <i>Mycobacterium bovis</i> . <i>Research in Veterinary Science</i> , 2015, 101, 117-119.	0.9	10
38	Virulence difference between the prototypic Schu S4 strain (A1a) and <i>Francisella tularensis</i> A1a, A1b, A2 and type B strains in a murine model of infection. <i>BMC Infectious Diseases</i> , 2014, 14, 67.	1.3	25
39	A metabolic biosignature of early response to anti-tuberculosis treatment. <i>BMC Infectious Diseases</i> , 2014, 14, 53.	1.3	64
40	Isolation and purification of <i>Mycobacterium tuberculosis</i> from H37Rv infected guinea pig lungs. <i>Tuberculosis</i> , 2014, 94, 525-530.	0.8	3
41	<i>Mycobacterial Lipidomics</i> . <i>Microbiology Spectrum</i> , 2014, 2, .	1.2	26
42	Interleukin-17 Protects against the <i>Francisella tularensis</i> Live Vaccine Strain but Not against a Virulent <i>F. tularensis</i> Type A Strain. <i>Infection and Immunity</i> , 2013, 81, 3099-3105.	1.0	27
43	Isolation of a distinct <i>Mycobacterium tuberculosis</i> mannose-capped lipoarabinomannan isoform responsible for recognition by CD1b-restricted T cells. <i>Glycobiology</i> , 2012, 22, 1118-1127.	1.3	46
44	A Novel Metabolite of Antituberculosis Therapy Demonstrates Host Activation of Isoniazid and Formation of the Isoniazid-NAD Adduct. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 28-35.	1.4	41
45	Post-exposure immunization against <i>Francisella tularensis</i> membrane proteins augments protective efficacy of gentamicin in a mouse model of pneumonic tularemia. <i>Vaccine</i> , 2012, 30, 4977-4982.	1.7	14
46	Stable Extracellular RNA Fragments of <i>Mycobacterium tuberculosis</i> Induce Early Apoptosis in Human Monocytes via a Caspase-8 Dependent Mechanism. <i>PLoS ONE</i> , 2012, 7, e29970.	1.1	35
47	Use of Temperature for Standardizing the Progression of <i>Francisella tularensis</i> in Mice. <i>PLoS ONE</i> , 2012, 7, e45310.	1.1	6
48	Deciphering the proteome of the in vivo diagnostic reagent "purified protein derivative" from <i>Mycobacterium tuberculosis</i> . <i>Proteomics</i> , 2012, 12, 979-991.	1.3	50
49	A bioanalytical method to determine the cell wall composition of <i>Mycobacterium tuberculosis</i> grown in vivo. <i>Analytical Biochemistry</i> , 2012, 421, 240-249.	1.1	35
50	Analysis of lipids from crude lung tissue extracts by desorption electrospray ionization mass spectrometry and pattern recognition. <i>Analytical Biochemistry</i> , 2011, 408, 289-296.	1.1	20
51	Detailed Structural and Quantitative Analysis Reveals the Spatial Organization of the Cell Walls of in Vivo Grown <i>Mycobacterium leprae</i> and in Vitro Grown <i>Mycobacterium tuberculosis</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 23168-23177.	1.6	59
52	Lipidomic analyses of <i>Mycobacterium tuberculosis</i> based on accurate mass measurements and the novel "Mtb LipidDB". <i>Journal of Lipid Research</i> , 2011, 52, 861-872.	2.0	128
53	Differential Chitinase Activity and Production within <i>Francisella</i> Species, Subspecies, and Subpopulations. <i>Journal of Bacteriology</i> , 2011, 193, 3265-3275.	1.0	13
54	Tuberculosis Biomarker and Surrogate Endpoint Research Roadmap. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 972-979.	2.5	52

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55	Immunoproteomic Identification of Human T Cell Antigens of Mycobacterium tuberculosis That Differentiate Healthy Contacts from Tuberculosis Patients. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 538-549.	2.5	27
56	Effective, Broad Spectrum Control of Virulent Bacterial Infections Using Cationic DNA Liposome Complexes Combined with Bacterial Antigens. <i>PLoS Pathogens</i> , 2010, 6, e1000921.	2.1	21
57	IFN γ Response to Mycobacterium tuberculosis, Risk of Infection and Disease in Household Contacts of Tuberculosis Patients in Colombia. <i>PLoS ONE</i> , 2009, 4, e8257.	1.1	90
58	Peptides of a Novel Mycobacterium tuberculosis-Specific Cell Wall Protein for Immunodiagnosis of Tuberculosis. <i>Journal of Infectious Diseases</i> , 2009, 200, 571-581.	1.9	16
59	Morphological features and signature gene response elicited by inactivation of FtsI in Mycobacterium tuberculosis. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 451-457.	1.3	30
60	TLR2 Looks at Lipoproteins. <i>Immunity</i> , 2009, 31, 847-849.	6.6	87
61	N-Terminal clustering of the O-glycosylation sites in the Mycobacterium tuberculosis lipoprotein SodC. <i>Glycobiology</i> , 2009, 19, 38-51.	1.3	50
62	Isolation of Mycobacterium Species Genomic DNA. <i>Methods in Molecular Biology</i> , 2009, 465, 1-12.	0.4	39
63	Conserved Mycobacterial Lipoglycoproteins Activate TLR2 but Also Require Glycosylation for MHC Class II-Restricted T Cell Activation. <i>Journal of Immunology</i> , 2008, 180, 5833-5842.	0.4	26
64	Genomic Markers for Differentiation of <i>Francisella tularensis</i> subsp. <i>tularensis</i> A.I and A.II Strains. <i>Applied and Environmental Microbiology</i> , 2008, 74, 336-341.	1.4	22
65	Identification of Mycobacterium tuberculosis Clinical Isolates with Altered Phagocytosis by Human Macrophages Due to a Truncated Lipoarabinomannan. <i>Journal of Biological Chemistry</i> , 2008, 283, 31417-31428.	1.6	60
66	Biomarkers for Clinical and Incipient Tuberculosis: Performance in a TB-Endemic Country. <i>PLoS ONE</i> , 2008, 3, e2071.	1.1	34
67	Conserved mycobacterial lipoglycoproteins activate TLR2 but also require glycosylation for antigen presentation to T cells. <i>FASEB Journal</i> , 2008, 22, 421-421.	0.2	0
68	Active Suppression of the Pulmonary Immune Response by <i>Francisella tularensis</i> Schu4. <i>Journal of Immunology</i> , 2007, 178, 4538-4547.	0.4	184
69	From protein microarrays to diagnostic antigen discovery: a study of the pathogen <i>Francisella tularensis</i> . <i>Bioinformatics</i> , 2007, 23, i508-i518.	1.8	86
70	In Vivo Adaptation of the Wayne Model of Latent Tuberculosis. <i>Infection and Immunity</i> , 2007, 75, 2621-2625.	1.0	23
71	Mycobacterium tuberculosis Malate Synthase- and MPT51-Based Serodiagnostic Assay as an Adjunct to Rapid Identification of Pulmonary Tuberculosis. <i>Vaccine Journal</i> , 2006, 13, 1291-1293.	3.2	33
72	Mycobacterium tuberculosis malate synthase is a laminin-binding adhesin. <i>Molecular Microbiology</i> , 2006, 60, 999-1013.	1.2	94

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73	<i>M. tuberculosis</i> Rv2252 encodes a diacylglycerol kinase involved in the biosynthesis of phosphatidylinositol mannosides (PIMs). <i>Molecular Microbiology</i> , 2006, 60, 1152-1163.	1.2	17
74	Disease State Differentiation and Identification of Tuberculosis Biomarkers via Native Antigen Array Profiling. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 2102-2113.	2.5	98
75	A Major Cell Wall Lipopeptide of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 5209-5215.	1.6	33
76	Use of Protein Microarrays To Define the Humoral Immune Response in Leprosy Patients and Identification of Disease-State-Specific Antigenic Profiles. <i>Infection and Immunity</i> , 2006, 74, 6458-6466.	1.0	23
77	Identification of cell cycle regulators in <i>Mycobacterium tuberculosis</i> by inhibition of septum formation and global transcriptional analysis. <i>Microbiology (United Kingdom)</i> , 2006, 152, 1789-1797.	0.7	89
78	Phosphatidylinositol Mannoside from <i>Mycobacterium tuberculosis</i> Binds $\alpha 5 \beta 1$ Integrin (VLA-5) on CD4+ T Cells and Induces Adhesion to Fibronectin. <i>Journal of Immunology</i> , 2006, 177, 2959-2968.	0.4	32
79	A randomised controlled trial of the effects of albendazole in pregnancy on maternal responses to mycobacterial antigens and infant responses to bacille Calmette-Guérin (BCG) immunisation [ISRCTN32849447]. <i>BMC Infectious Diseases</i> , 2005, 5, 115.	1.3	48
80	Demonstration of Components of Antigen 85 Complex in Cerebrospinal Fluid of Tuberculous Meningitis Patients. <i>Vaccine Journal</i> , 2005, 12, 752-758.	3.2	44
81	<i>Mycobacterium tuberculosis</i> Functional Network Analysis by Global Subcellular Protein Profiling. <i>Molecular Biology of the Cell</i> , 2005, 16, 396-404.	0.9	202
82	<i>Mycobacterial</i> Lipid II Is Composed of a Complex Mixture of Modified Muramyl and Peptide Moieties Linked to Decaprenyl Phosphate. <i>Journal of Bacteriology</i> , 2005, 187, 2747-2757.	1.0	94
83	The Human CD1-Restricted T Cell Repertoire Is Limited to Cross-Reactive Antigens: Implications for Host Responses against Immunologically Related Pathogens. <i>Journal of Immunology</i> , 2005, 174, 2637-2644.	0.4	16
84	Antigens of <i>Mycobacterium tuberculosis</i> Recognized by Antibodies during Incipient, Subclinical Tuberculosis. <i>Vaccine Journal</i> , 2005, 12, 354-358.	3.2	55
85	Peripheral Blood and Pleural Fluid Mononuclear Cell Responses to Low-Molecular-Mass Secretory Polypeptides of <i>Mycobacterium tuberculosis</i> in Human Models of Immunity to Tuberculosis. <i>Infection and Immunity</i> , 2005, 73, 3547-3558.	1.0	32
86	Mechanism of phagolysosome biogenesis block by viable <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4033-4038.	3.3	481
87	Proteomic Approaches to Antigen Discovery. , 2004, 94, 3-18.		5
88	A Limited Antigen-Specific Cellular Response Is Sufficient for the Early Control of <i>Mycobacterium tuberculosis</i> in the Lung but Is Insufficient for Long-Term Survival. <i>Infection and Immunity</i> , 2004, 72, 3759-3768.	1.0	15
89	<i>Mycobacterium tuberculosis</i> Inhibits Macrophage Responses to IFN- γ through Myeloid Differentiation Factor 88-Dependent and -Independent Mechanisms. <i>Journal of Immunology</i> , 2004, 172, 6272-6280.	0.4	182
90	<i>Mycobacterium tuberculosis</i> LprG (<i>Rv1411c</i>): A Novel TLR-2 Ligand That Inhibits Human Macrophage Class II MHC Antigen Processing. <i>Journal of Immunology</i> , 2004, 173, 2660-2668.	0.4	231

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91	Mycobacterium tuberculosis Antigen 85A and 85C Structures Confirm Binding Orientation and Conserved Substrate Specificity. <i>Journal of Biological Chemistry</i> , 2004, 279, 36771-36777.	1.6	80
92	Mycobacterium tuberculosis Phagosome Maturation Arrest: Mycobacterial Phosphatidylinositol Analog Phosphatidylinositol Mannoside Stimulates Early Endosomal Fusion. <i>Molecular Biology of the Cell</i> , 2004, 15, 751-760.	0.9	238
93	Continued proteomic analysis of Mycobacterium leprae subcellular fractions. <i>Proteomics</i> , 2004, 4, 2942-2953.	1.3	45
94	Utilization of a ts-sacB selection system for the generation of a Mycobacterium avium serovar-8 specific glycopeptidolipid allelic exchange mutant. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2004, 3, 18.	1.7	9
95	Purification and characterization of Mycobacterium tuberculosis KatG, KatG(S315T), and Mycobacterium bovis KatG(R463L). <i>Protein Expression and Purification</i> , 2004, 36, 232-243.	0.6	17
96	Langerhans cells utilize CD1a and langerin to efficiently present nonpeptide antigens to T cells. <i>Journal of Clinical Investigation</i> , 2004, 113, 701-708.	3.9	127
97	Langerhans cells utilize CD1a and langerin to efficiently present nonpeptide antigens to T cells. <i>Journal of Clinical Investigation</i> , 2004, 113, 701-708.	3.9	231
98	SecA2 functions in the secretion of superoxide dismutase A and in the virulence of Mycobacterium tuberculosis. <i>Molecular Microbiology</i> , 2003, 48, 453-464.	1.2	240
99	Enhanced Immunogenicity to Mycobacterium tuberculosis by Vaccination with an Alphavirus Plasmid Replicon Expressing Antigen 85A. <i>Infection and Immunity</i> , 2003, 71, 575-579.	1.0	57
100	Proposed pathway for the biosynthesis of serovar-specific glycopeptidolipids in Mycobacterium avium serovar 2. <i>Microbiology (United Kingdom)</i> , 2003, 149, 2797-2807.	0.7	40
101	Combined Use of Serum and Urinary Antibody for Diagnosis of Tuberculosis. <i>Journal of Infectious Diseases</i> , 2003, 188, 371-377.	1.9	29
102	Pulmonary Necrosis Resulting from DNA Vaccination against Tuberculosis. <i>Infection and Immunity</i> , 2003, 71, 2192-2198.	1.0	119
103	Biosynthetic specificity of the rhamnosyltransferase gene of Mycobacterium avium serovar 2 as determined by allelic exchange mutagenesis. <i>Microbiology (United Kingdom)</i> , 2003, 149, 3193-3202.	0.7	21
104	The Mycobacterium tuberculosis Complex-Restricted Gene cfp32 Encodes an Expressed Protein That Is Detectable in Tuberculosis Patients and Is Positively Correlated with Pulmonary Interleukin-10. <i>Infection and Immunity</i> , 2003, 71, 6871-6883.	1.0	55
105	Comprehensive Proteomic Profiling of the Membrane Constituents of a Mycobacterium tuberculosis Strain. <i>Molecular and Cellular Proteomics</i> , 2003, 2, 1284-1296.	2.5	186
106	HLA-E α -dependent Presentation of Mtb-derived Antigen to Human CD8 ⁺ T Cells. <i>Journal of Experimental Medicine</i> , 2002, 196, 1473-1481.	4.2	186
107	Characterization of mycobacterial protein glycosyltransferase activity using synthetic peptide acceptors in a cell-free assay. <i>Glycobiology</i> , 2002, 12, 427-434.	1.3	16
108	Murine model of tuberculosis. <i>Methods in Microbiology</i> , 2002, 32, 433-462.	0.4	20

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109	Simple Fibroblast-Based Assay for Screening of New Antimicrobial Drugs against Mycobacterium tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 2533-2539.	1.4	17
110	Flord pulmonary inflammatory responses in mice vaccinated with Antigen-85 pulsed dendritic cells and challenged by aerosol with Mycobacterium tuberculosis. <i>Cellular Immunology</i> , 2002, 220, 13-19.	1.4	27
111	Identification of putative exported/secreted proteins in prokaryotic proteomes. <i>Gene</i> , 2001, 269, 195-204.	1.0	46
112	Induction of Direct Antimicrobial Activity Through Mammalian Toll-Like Receptors. <i>Science</i> , 2001, 291, 1544-1547.	6.0	623
113	Tuberculosis vaccine development: recent progress. <i>Trends in Microbiology</i> , 2001, 9, 115-118.	3.5	141
114	Interleukin-1 or Tumor Necrosis Factor- α Augmented the Cytotoxic Effect of Mycobacteria on Human Fibroblasts: Application to Evaluation of Pathogenesis of Clinical Isolates of Mycobacterium tuberculosis and M. avium Complex. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 187-196.	0.5	8
115	The application of proteomics in defining the T cell antigens of Mycobacterium tuberculosis. <i>Proteomics</i> , 2001, 1, 574-586.	1.3	107
116	Cell-Mediated Immune Response to Tuberculosis Antigens: Comparison of Skin Testing and Measurement of In Vitro Gamma Interferon Production in Whole-Blood Culture. <i>Vaccine Journal</i> , 2001, 8, 339-345.	2.6	34
117	Homogeneity of Antibody Responses in Tuberculosis Patients. <i>Infection and Immunity</i> , 2001, 69, 4600-4609.	1.0	69
118	Induction of Inducible Nitric Oxide Synthase-NO $\hat{\text{A}}$ by Lipoarabinomannan of Mycobacterium tuberculosis Is Mediated by MEK1-ERK, MKK7-JNK, and NF- κ B Signaling Pathways. <i>Infection and Immunity</i> , 2001, 69, 2001-2010.	1.0	150
119	Toll-Like Receptor 2-Dependent Inhibition of Macrophage Class II MHC Expression and Antigen Processing by 19-kDa Lipoprotein of Mycobacterium tuberculosis. <i>Journal of Immunology</i> , 2001, 167, 910-918.	0.4	391
120	Crystal structure of the secreted form of antigen 85C reveals potential targets for mycobacterial drugs and vaccines. <i>Nature Structural Biology</i> , 2000, 7, 141-146.	9.7	170
121	Enhancement of the human T cell response to culture filtrate fractions of Mycobacterium tuberculosis by microspheres. <i>Journal of Immunological Methods</i> , 2000, 235, 1-9.	0.6	17
122	Effective Preexposure Tuberculosis Vaccines Fail To Protect When They Are Given in an Immunotherapeutic Mode. <i>Infection and Immunity</i> , 2000, 68, 1706-1709.	1.0	106
123	MTSA-10, the Product of the Rv3874 Gene of Mycobacterium tuberculosis, Elicits Tuberculosis-Specific, Delayed-Type Hypersensitivity in Guinea Pigs. <i>Infection and Immunity</i> , 2000, 68, 990-993.	1.0	62
124	Serodiagnostic Potential of Culture Filtrate Antigens of Mycobacterium tuberculosis. <i>Vaccine Journal</i> , 2000, 7, 662-668.	2.6	62
125	Secretion of an Acid Phosphatase (SapM) by Mycobacterium tuberculosis That Is Similar to Eukaryotic Acid Phosphatases. <i>Journal of Bacteriology</i> , 2000, 182, 6850-6853.	1.0	110
126	A Genetic Mechanism for Deletion of the ser2 Gene Cluster and Formation of Rough Morphological Variants of Mycobacterium avium. <i>Journal of Bacteriology</i> , 2000, 182, 6177-6182.	1.0	44

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127	The pimB Gene of Mycobacterium tuberculosis Encodes a Mannosyltransferase Involved in Lipoarabinomannan Biosynthesis. Journal of Biological Chemistry, 1999, 274, 31625-31631.	1.6	104
128	A double-blind, placebo-controlled study of Mycobacterium-specific human immune responses induced by intradermal bacille Calmette-Guérin vaccination. Translational Research, 1999, 134, 244-252.	2.4	68
129	Host Defense Mechanisms Triggered by Microbial Lipoproteins Through Toll-Like Receptors. Science, 1999, 285, 732-736.	6.0	1,506
130	TB vaccine development: after the flood. Trends in Microbiology, 1999, 7, 394-395.	3.5	5
131	Isolation of Genomic DNA from Mycobacteria. , 1998, 101, 31-44.		133
132	Delineation of Human Antibody Responses to Culture Filtrate Antigens of Mycobacterium tuberculosis. Journal of Infectious Diseases, 1998, 178, 1534-1538.	1.9	58
133	Identification and Recombinant Expression of a Mycobacterium avium Rhamnosyltransferase Gene (<i>raaA</i>) Tj ETQq1 1 0.784314 rgBT /Over	1.0	52
134	Interleukin 12 (IL-12) Is Crucial to the Development of Protective Immunity in Mice Intravenously Infected with Mycobacterium tuberculosis. Journal of Experimental Medicine, 1997, 186, 39-45.	4.2	635
135	Surrogate Marker of Preclinical Tuberculosis in Human Immunodeficiency Virus Infection: Antibodies to an 88 kDa Secreted Antigen of Mycobacterium tuberculosis. Journal of Infectious Diseases, 1997, 176, 133-143.	1.9	55
136	Interaction of Human Mannose-Binding Protein with Mycobacterium avium. Journal of Infectious Diseases, 1997, 175, 1159-1168.	1.9	86
137	Role of the Major Antigen of Mycobacterium tuberculosis in Cell Wall Biogenesis. Science, 1997, 276, 1420-1422.	6.0	701
138	A novel repeat sequence specific to Mycobacterium tuberculosis complex and its implications. Tubercle and Lung Disease, 1997, 78, 13-19.	2.1	9
139	Expression of memory immunity in the lung following re-exposure to Mycobacterium tuberculosis. Tubercle and Lung Disease, 1997, 78, 67-73.	2.1	79
140	Determination of the pathway for rhamnose biosynthesis in mycobacteria: cloning, sequencing and expression of the Mycobacterium tuberculosis gene encoding L-D-glucose-1-phosphate thymidyltransferase. Microbiology (United Kingdom), 1997, 143, 937-945.	0.7	54
141	The embAB genes of Mycobacterium avium encode an arabinosyl transferase involved in cell wall arabinan biosynthesis that is the target for the antimycobacterial drug ethambutol. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11919-11924.	3.3	417
142	Identification of a gene involved in the biosynthesis of cyclopropanated mycolic acids in Mycobacterium tuberculosis. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 6630-6634.	3.3	190
143	New pyruvylated, glycosylated acyltrehaloses from Mycobacterium smegmatis strains, and their implications for phage resistance in mycobacteria. Carbohydrate Research, 1994, 251, 99-114.	1.1	23
144	Molecular basis of colony morphology in Mycobacterium avium. Research in Microbiology, 1994, 145, 237-242.	1.0	46

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