John T Belisle

List of Publications by Year
in descending order

147 papers	12,785 citations	36303 51 h-index	25787 108 g-index
153 all docs	153 docs citations	153 times ranked	11191 citing authors

#	Article	IF	Citations
1	Host Defense Mechanisms Triggered by Microbial Lipoproteins Through Toll-Like Receptors. Science, 1999, 285, 732-736.	12.6	1,506
2	Role of the Major Antigen of <i>Mycobacterium tuberculosis</i> in Cell Wall Biogenesis. Science, 1997, 276, 1420-1422.	12.6	701
3	Interleukin 12 (IL-12) Is Crucial to the Development of Protective Immunity in Mice Intravenously Infected with <i>Mycobacterium tuberculosis</i>. Journal of Experimental Medicine, 1997, 186, 39-45.	8.5	635
4	Induction of Direct Antimicrobial Activity Through Mammalian Toll-Like Receptors. Science, 2001, 291, 1544-1547.	12.6	623
5	Fever and survival. Science, 1975, 188, 166-168.	12.6	544
6	Mechanism of phagolysosome biogenesis block by viable Mycobacterium tuberculosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4033-4038.	7.1	481
7	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.	7.1	417
8	Toll-Like Receptor 2-Dependent Inhibition of Macrophage Class II MHC Expression and Antigen Processing by 19-kDa Lipoprotein of<i>Mycobacterium tuberculosis</i>. Journal of Immunology, 2001, 167, 910-918.	0.8	391
9	SecA2 functions in the secretion of superoxide dismutase A and in the virulence of <i>Mycobacterium tuberculosis</i>. Molecular Microbiology, 2003, 48, 453-464.	2.5	240
10	Mycobacterium tuberculosisPhagosome Maturation Arrest: Mycobacterial Phosphatidylinositol Analog Phosphatidylinositol Mannoside Stimulates Early Endosomal Fusion. Molecular Biology of the Cell, 2004, 15, 751-760.	2.1	238
11	<i>Mycobacterium tuberculosis</i>LprG (<i>Rv1411c</i>): A Novel TLR-2 Ligand That Inhibits Human Macrophage Class II MHC Antigen Processing. Journal of Immunology, 2004, 173, 2660-2668.	0.8	231
12	Langerhans cells utilize CD1a and langerin to efficiently present nonpeptide antigens to T cells. Journal of Clinical Investigation, 2004, 113, 701-708.	8.2	231
13	Mycobacterium tuberculosisFunctional Network Analysis by Global Subcellular Protein Profiling. Molecular Biology of the Cell, 2005, 16, 396-404.	2.1	202
14	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.	7.1	190
15	HLA-Eâ€“dependent Presentation of Mtb-derived Antigen to Human CD8+ T Cells. Journal of Experimental Medicine, 2002, 196, 1473-1481.	8.5	186
16	Comprehensive Proteomic Profiling of the Membrane Constituents of a Mycobacterium tuberculosis Strain. Molecular and Cellular Proteomics, 2003, 2, 1284-1296.	3.8	186
17	Active Suppression of the Pulmonary Immune Response byFrancisella tularensisSchu4. Journal of Immunology, 2007, 178, 4538-4547.	0.8	184
18	<i>Mycobacterium tuberculosis</i>Inhibits Macrophage Responses to IFN-Î³ through Myeloid Differentiation Factor 88-Dependent and -Independent Mechanisms. Journal of Immunology, 2004, 172, 6272-6280.	0.8	182

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19	Crystal structure of the secreted form of antigen 85C reveals potential targets for mycobacterial drugs and vaccines. Nature Structural Biology, 2000, 7, 141-146.	9.7	170
20	Induction of Inducible Nitric Oxide Synthase-NOÂ·â€‰by Lipoarabinomannan ofMycobacterium tuberculosis Is Mediated by MEK1-ERK, MKK7-JNK, and NF-Î°B Signaling Pathways. Infection and Immunity, 2001, 69, 2001-2010.	2.2	150
21	Tuberculosis vaccine development: recent progress. Trends in Microbiology, 2001, 9, 115-118.	7.7	141
22	Isolation of Genomic DNA from Mycobacteria. , 1998, 101, 31-44.		133
23	Lipidomic analyses of Mycobacterium tuberculosis based on accurate mass measurements and the novel â€œMtb LipidDBâ€. Journal of Lipid Research, 2011, 52, 861-872.	4.2	128
24	Langerhans cells utilize CD1a and langerin to efficiently present nonpeptide antigens to T cells. Journal of Clinical Investigation, 2004, 113, 701-708.	8.2	127
25	Pulmonary Necrosis Resulting from DNA Vaccination against Tuberculosis. Infection and Immunity, 2003, 71, 2192-2198.	2.2	119
26	Secretion of an Acid Phosphatase (SapM) by Mycobacterium tuberculosis That Is Similar to Eukaryotic Acid Phosphatases. Journal of Bacteriology, 2000, 182, 6850-6853.	2.2	110
27	The application of proteomics in defining the T cell antigens ofMycobacterium tuberculosis. Proteomics, 2001, 1, 574-586.	2.2	107
28	Effective Preexposure Tuberculosis Vaccines Fail To Protect When They Are Given in an Immunotherapeutic Mode. Infection and Immunity, 2000, 68, 1706-1709.	2.2	106
29	Dynamic remodeling of lipids coincides with dengue virus replication in the midgut of Aedes aegypti mosquitoes. PLoS Pathogens, 2018, 14, e1006853.	4.7	106
30	The pimB Gene of Mycobacterium tuberculosis Encodes a Mannosyltransferase Involved in Lipoarabinomannan Biosynthesis. Journal of Biological Chemistry, 1999, 274, 31625-31631.	3.4	104
31	Disease State Differentiation and Identification of Tuberculosis Biomarkers via Native Antigen Array Profiling. Molecular and Cellular Proteomics, 2006, 5, 2102-2113.	3.8	98
32	Mycobacterial Lipid II Is Composed of a Complex Mixture of Modified Muramyl and Peptide Moieties Linked to Decaprenyl Phosphate. Journal of Bacteriology, 2005, 187, 2747-2757.	2.2	94
33	Mycobacterium tuberculosis malate synthase is a laminin-binding adhesin. Molecular Microbiology, 2006, 60, 999-1013.	2.5	94
34	IFNÎ³ Response to Mycobacterium tuberculosis, Risk of Infection and Disease in Household Contacts of Tuberculosis Patients in Colombia. PLoS ONE, 2009, 4, e8257.	2.5	90
35	Identification of cell cycle regulators in Mycobacterium tuberculosis by inhibition of septum formation and global transcriptional analysis. Microbiology (United Kingdom), 2006, 152, 1789-1797.	1.8	89
36	TLR2 Looks at Lipoproteins. Immunity, 2009, 31, 847-849.	14.3	87

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37	Interaction of Human Mannoseâ€Binding Protein withMycobacterium avium. Journal of Infectious Diseases, 1997, 175, 1159-1168.	4.0	86
38	From protein microarrays to diagnostic antigen discovery: a study of the pathogen <i>Francisella tularensis</i>. Bioinformatics, 2007, 23, i508-i518.	4.1	86
39	Mycobacterium tuberculosis Antigen 85A and 85C Structures Confirm Binding Orientation and Conserved Substrate Specificity. Journal of Biological Chemistry, 2004, 279, 36771-36777.	3.4	80
40	Expression of memory immunity in the lung following re-exposure to Mycobacterium tuberculosis. Tubercle and Lung Disease, 1997, 78, 67-73.	2.1	79
41	Homogeneity of Antibody Responses in Tuberculosis Patients. Infection and Immunity, 2001, 69, 4600-4609.	2.2	69
42	A double-blind, placebo-controlled study of Mycobacterium-specific human immune responses induced by intradermal bacille Calmette-GuÃ©rin vaccination. Translational Research, 1999, 134, 244-252.	2.3	68
43	Development of a Metabolic Biosignature for Detection of Early Lyme Disease. Clinical Infectious Diseases, 2015, 60, 1767-1775.	5.8	65
44	Evidence of zoonotic leprosy in ParÃ¡, Brazilian Amazon, and risks associated with human contact or consumption of armadillos. PLoS Neglected Tropical Diseases, 2018, 12, e0006532.	3.0	65
45	A metabolic biosignature of early response to anti-tuberculosis treatment. BMC Infectious Diseases, 2014, 14, 53.	2.9	64
46	MTSA-10, the Product of the Rv3874 Gene of Mycobacterium tuberculosis , Elicits Tuberculosis-Specific, Delayed-Type Hypersensitivity in Guinea Pigs. Infection and Immunity, 2000, 68, 990-993.	2.2	62
47	Serodiagnostic Potential of Culture Filtrate Antigens of Mycobacterium tuberculosis. Vaccine Journal, 2000, 7, 662-668.	2.6	62
48	Identification of Mycobacterium tuberculosis Clinical Isolates with Altered Phagocytosis by Human Macrophages Due to a Truncated Lipoarabinomannan. Journal of Biological Chemistry, 2008, 283, 31417-31428.	3.4	60
49	Detailed Structural and Quantitative Analysis Reveals the Spatial Organization of the Cell Walls of in Vivo Grown Mycobacterium leprae and in Vitro Grown Mycobacterium tuberculosis. Journal of Biological Chemistry, 2011, 286, 23168-23177.	3.4	59
50	Delineation of Human Antibody Responses to Culture Filtrate Antigens ofMycobacterium tuberculosis. Journal of Infectious Diseases, 1998, 178, 1534-1538.	4.0	58
51	Enhanced Immunogenicity to Mycobacterium tuberculosis by Vaccination with an Alphavirus Plasmid Replicon Expressing Antigen 85A. Infection and Immunity, 2003, 71, 575-579.	2.2	57
52	Surrogate Marker of Preclinical Tuberculosis in Human Immunodeficiency Virus Infection: Antibodies to an 88â€kDa Secreted Antigen of<i>Mycobacterium tuberculosis</i>. Journal of Infectious Diseases, 1997, 176, 133-143.	4.0	55
53	The Mycobacterium tuberculosis Complex-Restricted Gene cfp32 Encodes an Expressed Protein That Is Detectable inTuberculosis Patients and Is Positively Correlated with PulmonaryInterleukin-10. Infection and Immunity, 2003, 71, 6871-6883.	2.2	55
54	Antigens of Mycobacterium tuberculosis Recognized by Antibodies during Incipient, Subclinical Tuberculosis. Vaccine Journal, 2005, 12, 354-358.	3.1	55

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55	Determination of the pathway for rhamnose biosynthesis in mycobacteria: cloning, sequencing and expression of the Mycobacterium tuberculosis gene encoding Î±-D-glucose-1-phosphate thymidylyltransferase. Microbiology (United Kingdom), 1997, 143, 937-945.	1.8	54
56	Metabolomics-Based Discovery of Small Molecule Biomarkers in Serum Associated with Dengue Virus Infections and Disease Outcomes. PLoS Neglected Tropical Diseases, 2016, 10, e0004449.	3.0	53
57	Tuberculosis Biomarker and Surrogate Endpoint Research Roadmap. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 972-979.	5.6	52
58	Identification and Recombinant Expression of a Mycobacterium avium Rhamnosyltransferase Gene () Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	52
59	N-Terminal clustering of the O-glycosylation sites in the Mycobacterium tuberculosis lipoprotein SodC. Glycobiology, 2009, 19, 38-51.	2.5	50
60	Deciphering the proteome of the in vivo diagnostic reagent â€œpurified protein derivativeâ€•from <i><scp>M</scp>ycobacterium tuberculosis</i>. Proteomics, 2012, 12, 979-991.	2.2	50
61	Greazy: Open-Source Software for Automated Phospholipid Tandem Mass Spectrometry Identification. Analytical Chemistry, 2016, 88, 5733-5741.	6.5	50
62	A randomised controlled trial of the effects of albendazole in pregnancy on maternal responses to mycobacterial antigens and infant responses to bacille Calmette-GuÃ©rin (BCG) immunisation [ISRCTN32849447]. BMC Infectious Diseases, 2005, 5, 115.	2.9	48
63	Molecular basis of colony morphology in Mycobacterium avium. Research in Microbiology, 1994, 145, 237-242.	2.1	46
64	Identification of putative exported/secreted proteins in prokaryotic proteomes. Gene, 2001, 269, 195-204.	2.2	46
65	Isolation of a distinct Mycobacterium tuberculosis mannose-capped lipoarabinomannan isoform responsible for recognition by CD1b-restricted T cells. Glycobiology, 2012, 22, 1118-1127.	2.5	46
66	Continued proteomic analysis of <i>Mycobacterium leprae</i> subcellular fractions. Proteomics, 2004, 4, 2942-2953.	2.2	45
67	A Genetic Mechanism for Deletion of theser2 Gene Cluster and Formation of Rough Morphological Variants of Mycobacterium avium. Journal of Bacteriology, 2000, 182, 6177-6182.	2.2	44
68	Demonstration of Components of Antigen 85 Complex in Cerebrospinal Fluid of Tuberculous Meningitis Patients. Vaccine Journal, 2005, 12, 752-758.	3.1	44
69	A Novel Metabolite of Antituberculosis Therapy Demonstrates Host Activation of Isoniazid and Formation of the Isoniazid-NAD ⁺ Adduct. Antimicrobial Agents and Chemotherapy, 2012, 56, 28-35.	3.2	41
70	Proposed pathway for the biosynthesis of serovar-specific glycopeptidolipids in Mycobacterium avium serovar 2. Microbiology (United Kingdom), 2003, 149, 2797-2807.	1.8	40
71	Isolation of Mycobacterium Species Genomic DNA. Methods in Molecular Biology, 2009, 465, 1-12.	0.9	39
72	Stable Extracellular RNA Fragments of Mycobacterium tuberculosis Induce Early Apoptosis in Human Monocytes via a Caspase-8 Dependent Mechanism. PLoS ONE, 2012, 7, e29970.	2.5	35

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73	A bioanalytical method to determine the cell wall composition of Mycobacterium tuberculosis grown in vivo. Analytical Biochemistry, 2012, 421, 240-249.	2.4	35
74	Cell-Mediated Immune Response to Tuberculosis Antigens: Comparison of Skin Testing and Measurement of In Vitro Gamma Interferon Production in Whole-Blood Culture. Vaccine Journal, 2001, 8, 339-345.	2.6	34
75	Human NOD2 Recognizes Structurally Unique Muramyl Dipeptides from Mycobacterium leprae. Infection and Immunity, 2016, 84, 2429-2438.	2.2	34
76	Biomarkers for Clinical and Incipient Tuberculosis: Performance in a TB-Endemic Country. PLoS ONE, 2008, 3, e2071.	2.5	34
77	Mycobacterium tuberculosis Malate Synthase- and MPT51-Based Serodiagnostic Assay as an Adjunct to Rapid Identification of Pulmonary Tuberculosis. Vaccine Journal, 2006, 13, 1291-1293.	3.1	33
78	A Major Cell Wall Lipopeptide of Mycobacterium avium subspecies paratuberculosis. Journal of Biological Chemistry, 2006, 281, 5209-5215.	3.4	33
79	The Essential Role of Cholesterol Metabolism in the Intracellular Survival of Mycobacterium leprae Is Not Coupled to Central Carbon Metabolism and Energy Production. Journal of Bacteriology, 2015, 197, 3698-3707.	2.2	33
80	Dengue virus dominates lipid metabolism modulations in Wolbachia-coinfected Aedes aegypti. Communications Biology, 2020, 3, 518.	4.4	33
81	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. Infection and Immunity, 2005, 73, 3547-3558.	2.2	32
82	Phosphatidylinositol Mannoside from<i>Mycobacterium tuberculosis</i>Binds Î±5Î²1 Integrin (VLA-5) on CD4+ T Cells and Induces Adhesion to Fibronectin. Journal of Immunology, 2006, 177, 2959-2968.	0.8	32
83	Metabolic differentiation of early Lyme disease from southern tickâ€“associated rash illness (STARI). Science Translational Medicine, 2017, 9, .	12.4	31
84	Morphological features and signature gene response elicited by inactivation of FtsI in Mycobacterium tuberculosis. Journal of Antimicrobial Chemotherapy, 2009, 63, 451-457.	3.0	30
85	Combined Use of Serum and Urinary Antibody for Diagnosis of Tuberculosis. Journal of Infectious Diseases, 2003, 188, 371-377.	4.0	29
86	Florid pulmonary inflammatory responses in mice vaccinated with Antigen-85 pulsed dendritic cells and challenged by aerosol with Mycobacterium tuberculosis. Cellular Immunology, 2002, 220, 13-19.	3.0	27
87	Immunoproteomic Identification of Human T Cell Antigens of Mycobacterium tuberculosis That Differentiate Healthy Contacts from Tuberculosis Patients. Molecular and Cellular Proteomics, 2010, 9, 538-549.	3.8	27
88	Interleukin-17 Protects against the Francisella tularensis Live Vaccine Strain but Not against a Virulent F. tularensis Type A Strain. Infection and Immunity, 2013, 81, 3099-3105.	2.2	27
89	Quantitative 18F-FDG PET-CT scan characteristics correlate with tuberculosis treatment response. EJNMMI Research, 2020, 10, 8.	2.5	27
90	Conserved Mycobacterial Lipoglycoproteins Activate TLR2 but Also Require Glycosylation for MHC Class II-Restricted T Cell Activation. Journal of Immunology, 2008, 180, 5833-5842.	0.8	26

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91	Mycobacterial Lipidomics. Microbiology Spectrum, 2014, 2, .	3.0	26
92	Virulence difference between the prototypic Schu S4 strain (A1a) and Francisella tularensisA1a, A1b, A2 and type B strains in a murine model of infection. BMC Infectious Diseases, 2014, 14, 67.	2.9	25
93	Distinct serum biosignatures are associated with different tuberculosis treatment outcomes. Tuberculosis, 2019, 118, 101859.	1.9	24
94	Mycobacteria and their sweet proteins: An overview of protein glycosylation and lipoglycosylation in M. tuberculosis. Tuberculosis, 2019, 115, 1-13.	1.9	24
95	New pyruvylated, glycosylated acyltrehaloses from Mycobacterium smegmatis strains, and their implications for phage resistance in mycobacteria. Carbohydrate Research, 1994, 251, 99-114.	2.3	23
96	Use of Protein Microarrays To Define the Humoral Immune Response in Leprosy Patients and Identification of Disease-State-Specific Antigenic Profiles. Infection and Immunity, 2006, 74, 6458-6466.	2.2	23
97	In Vivo Adaptation of the Wayne Model of Latent Tuberculosis. Infection and Immunity, 2007, 75, 2621-2625.	2.2	23
98	Genomic Markers for Differentiation of <i>Francisella tularensis</i> subsp. <i>tularensis</i> A.I and A.II Strains. Applied and Environmental Microbiology, 2008, 74, 336-341.	3.1	22
99	Biosynthetic specificity of the rhamnosyltransferase gene of Mycobacterium avium serovar 2 as determined by allelic exchange mutagenesis. Microbiology (United Kingdom), 2003, 149, 3193-3202.	1.8	21
100	Effective, Broad Spectrum Control of Virulent Bacterial Infections Using Cationic DNA Liposome Complexes Combined with Bacterial Antigens. PLoS Pathogens, 2010, 6, e1000921.	4.7	21
101	<i>Francisella tularensis</i> LVS Surface and Membrane Proteins as Targets of Effective Post-Exposure Immunization for Tularemia. Journal of Proteome Research, 2015, 14, 664-675.	3.7	21
102	Murine model of tuberculosis. Methods in Microbiology, 2002, 32, 433-462.	0.8	20
103	Analysis of lipids from crude lung tissue extracts by desorption electrospray ionization mass spectrometry and pattern recognition. Analytical Biochemistry, 2011, 408, 289-296.	2.4	20
104	A pilot metabolomics study of tuberculosis immune reconstitution inflammatory syndrome. International Journal of Infectious Diseases, 2019, 84, 30-38.	3.3	20
105	Type 1 reaction in leprosy patients corresponds with a decrease in pro-resolving and an increase in pro-inflammatory lipid mediators. Journal of Infectious Diseases, 2017, 215, jiw541.	4.0	19
106	Biochemical Characterization of Isoniazid-resistant Mycobacterium tuberculosis: Can the Analysis of Clonal Strains Reveal Novel Targetable Pathways?. Molecular and Cellular Proteomics, 2018, 17, 1685-1701.	3.8	19
107	Genome-scale analysis of the genes that contribute to Burkholderia pseudomallei biofilm formation identifies a crucial exopolysaccharide biosynthesis gene cluster. PLoS Neglected Tropical Diseases, 2017, 11, e0005689.	3.0	19
108	<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.	0.8	18

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109	Identification of Urine Metabolites as Biomarkers of Early Lyme Disease. Scientific Reports, 2018, 8, 12204.	3.3	18
110	Enhancement of the human T cell response to culture filtrate fractions of Mycobacterium tuberculosis by microspheres. Journal of Immunological Methods, 2000, 235, 1-9.	1.4	17
111	Simple Fibroblast-Based Assay for Screening of New Antimicrobial Drugs against Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2002, 46, 2533-2539.	3.2	17
112	Purification and characterization of Mycobacterium tuberculosis KatG, KatG(S315T), and Mycobacterium bovis KatG(R463L). Protein Expression and Purification, 2004, 36, 232-243.	1.3	17
113	M. tuberculosis Rv2252 encodes a diacylglycerol kinase involved in the biosynthesis of phosphatidylinositol mannosides (PIMs). Molecular Microbiology, 2006, 60, 1152-1163.	2.5	17
114	Host Lipid Mediators in Leprosy: The Hypothesized Contributions to Pathogenesis. Frontiers in Immunology, 2018, 9, 134.	4.8	17
115	Host Metabolic Response in Early Lyme Disease. Journal of Proteome Research, 2020, 19, 610-623.	3.7	17
116	Characterization of mycobacterial protein glycosyltransferase activity using synthetic peptide acceptors in a cell-free assay. Glycobiology, 2002, 12, 427-434.	2.5	16
117	The Human CD1-Restricted T Cell Repertoire Is Limited to Cross-Reactive Antigens: Implications for Host Responses against Immunologically Related Pathogens. Journal of Immunology, 2005, 174, 2637-2644.	0.8	16
118	Peptides of a NovelMycobacterium tuberculosisâ€“Specific Cell Wall Protein for Immunodiagnosis of Tuberculosis. Journal of Infectious Diseases, 2009, 200, 571-581.	4.0	16
119	A Limited Antigen-Specific Cellular Response Is Sufficient for the Early Control of Mycobacterium tuberculosis in the Lung but Is Insufficient for Long-Term Survival. Infection and Immunity, 2004, 72, 3759-3768.	2.2	15
120	Immunoproteomic analysis of Borrelia miyamotoi for the identification of serodiagnostic antigens. Scientific Reports, 2019, 9, 16808.	3.3	15
121	Post-exposure immunization against Francisella tularensis membrane proteins augments protective efficacy of gentamicin in a mouse model of pneumonic tularemia. Vaccine, 2012, 30, 4977-4982.	3.8	14
122	Metabolic Response in Patients With Post-treatment Lyme Disease Symptoms/Syndrome. Clinical Infectious Diseases, 2021, 73, e2342-e2349.	5.8	14
123	Differential Chitinase Activity and Production within Francisella Species, Subspecies, and Subpopulations. Journal of Bacteriology, 2011, 193, 3265-3275.	2.2	13
124	Carbohydrate-Dependent Binding of Langerin to SodC, a Cell Wall Glycoprotein of Mycobacterium leprae. Journal of Bacteriology, 2015, 197, 615-625.	2.2	12
125	Elucidating the Structure of <i>N</i>¹-Acetylisoputreanine: A Novel Polyamine Catabolite in Human Urine. ACS Omega, 2017, 2, 3921-3930.	3.5	11
126	Short communication: Proteomic characterization of tuberculin purified protein derivative from Mycobacterium bovis. Research in Veterinary Science, 2015, 101, 117-119.	1.9	10

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127	Reductive Power Generated by Mycobacterium leprae Through Cholesterol Oxidation Contributes to Lipid and ATP Synthesis. Frontiers in Cellular and Infection Microbiology, 2021, 11, 709972.	3.9	10
128	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.	2.9	10
129	A novel repeat sequence specific to Mycobacterium tuberculosis complex and its implications. Tubercle and Lung Disease, 1997, 78, 13-19.	2.1	9
130	Utilization of a ts-sacB selection system for the generation of a Mycobacterium avium serovar-8 specific glycopeptidolipid allelic exchange mutant. Annals of Clinical Microbiology and Antimicrobials, 2004, 3, 18.	3.8	9
131	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.	3.8	9
132	Interleukin-1 or Tumor Necrosis Factor-Î± Augmented the Cytotoxic Effect of Mycobacteria on Human Fibroblasts: Application to Evaluation of Pathogenesis of Clinical Isolates ofMycobacterium tuberculosisandM. aviumComplex. Journal of Interferon and Cytokine Research, 2001, 21, 187-196.	1.2	8
133	Diguanylate cyclase activity of the Mycobacterium leprae T cell antigen ML1419c. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Ov	1.8	8
134	Biomarker selection and a prospective metabolite-based machine learning diagnostic for lyme disease. Scientific Reports, 2022, 12, 1478.	3.3	8
135	Fractionation and Analysis of Mycobacterial Proteins. Methods in Molecular Biology, 2015, 1285, 47-75.	0.9	7
136	An Infection-Tolerant Mammalian Reservoir for Several Zoonotic Agents Broadly Counters the Inflammatory Effects of Endotoxin. MBio, 2021, 12, .	4.1	7
137	Evaluation of autophagy mediators in myeloid-derived suppressor cells during human tuberculosis. Cellular Immunology, 2021, 369, 104426.	3.0	7
138	Use of Temperature for Standardizing the Progression of Francisella tularensis in Mice. PLoS ONE, 2012, 7, e45310.	2.5	6
139	TB vaccine development: after the flood. Trends in Microbiology, 1999, 7, 394-395.	7.7	5
140	Proteomic Approaches to Antigen Discovery. , 2004, 94, 3-18.		5
141	Identification and functional analysis of a galactosyltransferase capable of cholesterol glycolipid formation in the Lyme disease spirochete Borrelia burgdorferi. PLoS ONE, 2021, 16, e0252214.	2.5	5
142	Isolation and purification of Mycobacterium tuberculosis from H37Rv infected guinea pig lungs. Tuberculosis, 2014, 94, 525-530.	1.9	3
143	Mycobacterial Lipidomics. , 0, , 341-360.		3
144	An <i>rfuABCD</i> -Like Operon and Its Relationship to Riboflavin Utilization and Mammalian Infectivity by Borrelia burgdorferi. Infection and Immunity, 2021, 89, e0030721.	2.2	1

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145	Localization of EccA3 at the growing pole in Mycobacterium smegmatis. BMC Microbiology, 2022, 22, 140.	3.3	1
146	Pyrolysis Mass Spectrometry Characterizes Molecular Differences in Variants of Mycobacterium kansasii. Chest, 1989, 95, 240S.	0.8	0
147	Conserved mycobacterial lipoglycoproteins activate TLR2 but also require glycosylation for antigen presentation to T cells. FASEB Journal, 2008, 22, 421-421.	0.5	0