RESEARCH & PUBLICATIONS

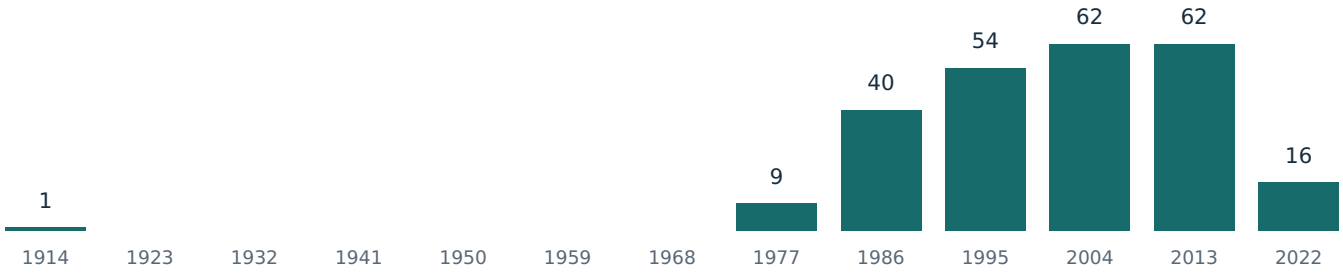
David G Russell

A publication record at a glance

244	27,438	86
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 9-year periods



MOST CITED IN THIS LIST

Disseminated Tuberculosis in Interferon Gamma Gene-Disrupted Mice. 1,856

1993 Journal of Experimental Medicine

Persistence of Mycobacterium tuberculosis in Macrophages and Mice Requires the Glyoxylate Shunt Enzyme Isocitrate Lyase 1,261

2000 Nature

Lack of Acidification in Mycobacterium Phagosomes Produced by Exclusion of the Vesicular Proton-ATPase 1,240

1994 Science

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Ordered by publication year, newest first

2026

01 Versatile HIV Rev-Dependent Reporter Cell System for Stringent and Sensitive Quantification of Viral Reservoirs, Neutralizing Antibodies, and Restriction Factors
1 citations
Retrovirology · 23, 3
https://exaly.com/article/210405013

02 Utilization of a CRISPRi-Based Ex Vivo Challenge Model to Reveal Temporally Dependent Gene Essentiality in Intracellular Mycobacterium tuberculosis.
3 citations
MBio · 17, e0061026
https://exaly.com/article/212883581

03 In Tuberculosis, the Neutrophil Is Neutral in Name Alone
0 citations
Nature Immunology · 27, 1534-1535
https://exaly.com/article/215886369

04 Ubiquitylation by the GID/CTLH Complex Regulates the Metabolic and Innate Immune Response of Macrophages to Infection by Mycobacterium tuberculosis.
0 citations
PLoS Pathogens · 22, e1014196
https://exaly.com/article/218438243

2025

05 Impaired Fatty Acid Import or Catabolism in Macrophages Restricts Intracellular Growth of Mycobacterium tuberculosis.
20 citations
ELife
https://exaly.com/article/195722003

06 How Macrophage Heterogeneity Affects Tuberculosis Disease and Therapy
65 citations
Nature Reviews Immunology · 25, 1-15
https://exaly.com/article/196450096

07 Author Response: Impaired Fatty Acid Import or Catabolism in Macrophages Restricts Intracellular Growth of Mycobacterium tuberculosis
0 citations
Journal unavailable
https://exaly.com/article/197962636

08 Author Response: Impaired Fatty Acid Import or Catabolism in Macrophages Restricts Intracellular Growth of Mycobacterium tuberculosis
0 citations
Journal unavailable
https://exaly.com/article/198766379

09 Incorporation of Macrophage Immune Stresses Into an Intracellular Assay of Drug Tolerance in Mycobacterium tuberculosis.
3 citations
Antimicrobial Agents and Chemotherapy · 69, e0079525
https://exaly.com/article/204807459

Ordered by publication year, newest first

2024

10 **Host Stress Drives Tolerance and Persistence: The Bane of Anti-Microbial Therapeutics** — 79 citations
Cell Host and Microbe · 32, 852-862
https://exaly.com/article/186156201

11 **The Frequency of CD38+ Alveolar Macrophages Correlates With Early Control of M. Tuberculosis in the Murine Lung** — 37 citations
Nature Communications · 15, 1-19
https://exaly.com/article/193363857

12 **Genome-Wide Screen of Mycobacterium tuberculosis-Infected Macrophages Revealed GID/CTLH Complex-Mediated Modulation of Bacterial Growth** — 19 citations
Nature Communications · 15, 1-17
https://exaly.com/article/194161255

13 **Author Response: Impaired Fatty Acid Import or Catabolism in Macrophages Restricts Intracellular Growth of Mycobacterium tuberculosis** — 0 citations
Journal unavailable
https://exaly.com/article/195722010

2023

14 **The Ability of Interleukin–10 to Negate Haemozoin-Related Pro-Inflammatory Effects Has the Potential to Restore Impaired Macrophage Function Associated With Malaria Infection** — 17 citations
Malaria Journal · 22, 1-16
https://exaly.com/article/162359106

15 **HIV-1 Active and Latent Infections Induce Disparate Chromatin Reorganization and Transcriptional Regulation of mRNAs and lncRNAs in SupT1 Cells.** — 3 citations
MBio · 14, e0261923
https://exaly.com/article/173787273

2022

16 **Iron Limitation in M. Tuberculosis Has Broad Impact on Central Carbon Metabolism** — 25 citations
Communications Biology · 5, 1-11
https://exaly.com/article/148953614

2021

17 **Lnc(Ing)RNAs to the “Shock and Kill” Strategy for HIV-1 Cure** — 19 citations
Molecular Therapy - Nucleic Acids · 23, 1272-1280
https://exaly.com/article/79662354

Ordered by publication year, newest first

2021 / continued

18 The Tuberculosis Drug Accelerator at Year 10: What Have We Learned? 55 citations
Nature Medicine · 27, 1333-1337
https://exaly.com/article/81430504

19 In Vitro Miniaturized Tuberculosis Spheroid Model 18 citations
Biomedicines · 9, 1209
https://exaly.com/article/82185593

20 Nutrition, Inflammation, and the Gut Microbiota Among Outpatients With Active Tuberculosis Disease in India 6 citations
American Journal of Tropical Medicine and Hygiene · 105, 1645-1656
https://exaly.com/article/91031532

2020

21 Nutrition and the Gut Microbiota in 10- to 18-Month-Old Children Living in Urban Slums of Mumbai, India. 29 citations
MSphere
https://exaly.com/article/75471469

22 TZM-Gfp Cells: A Tractable Fluorescent Tool for Analysis of Rare and Early HIV-1 Infection 9 citations
Scientific Reports · 10, 1-12
https://exaly.com/article/75740039

23 Dual RNA-Sequencing of Mycobacterium tuberculosis-Infected Cells From a Murine Infection Model. 19 citations
STAR Protocols · 1, 100123
https://exaly.com/article/76424539

24 Interleukin-2-Inducible T-Cell Kinase Deficiency Impairs Early Pulmonary Protection Against Mycobacterium tuberculosis Infection 17 citations
Frontiers in Immunology · 10, 508432
https://exaly.com/article/77354126

25 Dual RNA-Seq of Mtb-Infected Macrophages in Vivo Reveals Ontologically Distinct Host-Pathogen Interactions 234 citations
Cell Reports · 30, 335-350.e4
https://exaly.com/article/77399364

26 Nutritional Assessment Among Adult Patients With Suspected or Confirmed Active Tuberculosis Disease in Rural India 10 citations
PLoS ONE · 15, e0233306
https://exaly.com/article/87054132

Ordered by publication year, newest first

2019

27 **Immunometabolism at the Interface Between Macrophages and Pathogens** — 428 citations
Nature Reviews Immunology · 19, 291-304
https://exaly.com/article/72869251

28 **Cellular Microbiology: The Metabolic Interface Between Host Cell and Pathogen** — 4 citations
Cellular Microbiology · 21, e13075
https://exaly.com/article/72993797

29 **Triggering MSR1 promotes JNK-mediated inflammation in IL-4-activated macrophages** — 87 citations
EMBO Journal
https://exaly.com/article/73362194

30 **Inhibition of the lncRNA SAF Drives Activation of Apoptotic Effector Caspases in HIV-1–Infected Human Macrophages** — 60 citations
Proceedings of the National Academy of Sciences of the United States of America · 116, 7431-7438
https://exaly.com/article/73479706

31 **Mycobacterium tuberculosis: Bacterial Fitness Within the Host Macrophage.** — 103 citations
Microbiology Spectrum
https://exaly.com/article/73485832

32 **A Novel, Sensitive Dual-Indicator Cell Line for Detection and Quantification of Inducible, Replication-Competent Latent HIV-1 From Reservoir Cells** — 9 citations
Scientific Reports · 9, 1-10
https://exaly.com/article/74087250

33 **Exploitation of Synthetic mRNA to Drive Immune Effector Cell Recruitment and Functional Reprogramming in Vivo** — 10 citations
Journal of Immunology · 202, 608-617
https://exaly.com/article/74762580

34 **Mycobacterium tuberculosis** — 9 citations
Journal unavailable
https://exaly.com/article/76741262

35 **The Genetic Requirements of Fatty Acid Import by Mycobacterium tuberculosis Within Macrophages.** — 66 citations
ELife
https://exaly.com/article/90728377

36 **Author Response: The Genetic Requirements of Fatty Acid Import by Mycobacterium tuberculosis Within Macrophages** — 2 citations
Journal unavailable
https://exaly.com/article/90728378

Ordered by publication year, newest first

2018

37 **Growth of Mycobacterium tuberculosis in Vivo Segregates With Host Macrophage Metabolism and Ontogeny** 505 citations
Journal of Experimental Medicine · 215, 1135-1152
https://exaly.com/article/69442029

38 **Alveolar T-Helper 17 Responses to Streptococcus Pneumoniae Are Preserved in ART-Untreated and Treated HIV-Infected Malawian Adults** 5 citations
Journal of Infection · 76, 168-176
https://exaly.com/article/69672548

39 **Matrix Metalloproteinase Inhibitors Enhance the Efficacy of Frontline Drugs Against Mycobacterium tuberculosis** 74 citations
PLoS Pathogens · 14, e1006974
https://exaly.com/article/70990750

40 **Enhanced Permeability and Retention-Like Extravasation of Nanoparticles From the Vasculature Into Tuberculosis Granulomas in Zebrafish and Mouse Models** 119 citations
ACS Nano · 12, 8646-8661
https://exaly.com/article/71302487

41 **Flow Cytometric Quantification of Fatty Acid Uptake by Mycobacterium tuberculosis in Macrophages.** 11 citations
Bio-protocol
https://exaly.com/article/88227505

2017

42 **Novel Protein Acetyltransferase, Rv2170, Modulates Carbon and Energy Metabolism in Mycobacterium tuberculosis** 23 citations
Scientific Reports · 7, 1-11
https://exaly.com/article/66530630

43 **Protective Immunity Against Tuberculosis: What Does It Look Like and How Do We Find It?** 29 citations
Current Opinion in Immunology · 48, 44-50
https://exaly.com/article/66960842

44 **2-N-Arylthiazole Inhibitors of Mycobacterium tuberculosis** 7 citations
Bioorganic and Medicinal Chemistry Letters · 27, 3987-3991
https://exaly.com/article/67123939

45 **Growing and Handling of Mycobacterium tuberculosis for Macrophage Infection Assays** 15 citations
Methods in Molecular Biology · 1519, 325-331
https://exaly.com/article/67684628

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2017 / continued

46 Mycobacterium tuberculosis: Readouts of Bacterial Fitness and the Environment Within the Phagosome
16 citations
Methods in Molecular Biology · 1519, 333-347
https://exaly.com/article/67684629

47 HIV-Associated Disruption of Lung Cytokine Networks Is Incompletely Restored in Asymptomatic HIV-Infected Malawian Adults on Antiretroviral Therapy.
8 citations
ERJ Open Research · 3, 00097-2017
https://exaly.com/article/68122521

48 The Minimal Unit of Infection: Mycobacterium tuberculosis in the Macrophage
1 citations
Journal unavailable
https://exaly.com/article/68290534

49 Rv3723/LucA Coordinates Fatty Acid and Cholesterol Uptake in Mycobacterium tuberculosis.
162 citations
ELife
https://exaly.com/article/68365239

50 Host Transcriptional Responses Following Ex Vivo Re-Challenge With Mycobacterium tuberculosis Vary With Disease Status
8 citations
PLoS ONE · 12, e0185640
https://exaly.com/article/68462617

51 Mycobacterium tuberculosis Arrests Host Cycle at the G1/S Transition to Establish Long Term Infection
37 citations
PLoS Pathogens · 13, e1006389
https://exaly.com/article/68464371

52 Author Response: Rv3723/LucA Coordinates Fatty Acid and Cholesterol Uptake in Mycobacterium tuberculosis
5 citations
Journal unavailable
https://exaly.com/article/90725986

2016

53 The Minimal Unit of Infection: Mycobacterium tuberculosis in the Macrophage.
47 citations
Microbiology Spectrum
https://exaly.com/article/63833159

54 Immune Activation of the Host Cell Induces Drug Tolerance in Mycobacterium tuberculosis Both in Vitro and in Vivo
181 citations
Journal of Experimental Medicine · 213, 809-825
https://exaly.com/article/64131850

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2016 / continued

55 MARCO Variants Are Associated With Phagocytosis, Pulmonary Tuberculosis Susceptibility and Beijing Lineage — 40 citations
Genes and Immunity · 17, 419-425
https://exaly.com/article/64529802

56 Heterogeneous Loss of HIV Transcription and Proviral DNA From 8E5/LAV Lymphoblastic Leukemia Cells Revealed by RNA FISH:FLOW Analyses — 21 citations
Retrovirology · 13, 1-4
https://exaly.com/article/64930868

57 Pathogenic Mycobacteria Achieve Cellular Persistence by Inhibiting the Niemann-Pick Type C Disease Cellular Pathway — 35 citations
Wellcome Open Research · 1, 18
https://exaly.com/article/86758304

2015

58 Lesion-Specific Immune Response in Granulomas of Patients With Pulmonary Tuberculosis: A Pilot Study — 80 citations
PLoS ONE · 10, e0132249
https://exaly.com/article/61045790

59 Chronic Household Air Pollution Exposure Is Associated With Impaired Alveolar Macrophage Function in Malawian Non-Smokers — 16 citations
PLoS ONE · 10, e0138762
https://exaly.com/article/61049362

60 Detection and Quantification of Microbial Manipulation of Phagosomal Function — 3 citations
Methods in Cell Biology · 126, 305-329
https://exaly.com/article/61770522

61 Trans-Species Communication in the Mycobacterium tuberculosis-Infected Macrophage — 37 citations
Immunological Reviews · 264, 233-248
https://exaly.com/article/61798633

62 Novel Inhibitors of Cholesterol Degradation in Mycobacterium tuberculosis Reveal How the Bacterium's Metabolism Is Constrained by the Intracellular Environment — 240 citations
PLoS Pathogens · 11, e1004679
https://exaly.com/article/62112283

63 The HIV-1 Protein Vpr Impairs Phagosome Maturation by Controlling Microtubule-Dependent Trafficking — 64 citations
Journal of Cell Biology · 211, 359-372
https://exaly.com/article/62485193

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2015 / continued

64 **Household Air Pollution Causes Dose-Dependent Inflammation and Altered Phagocytosis in Human Macrophages** 100 citations

American Journal of Respiratory Cell and Molecular Biology · 52, 584-93

https://exaly.com/article/62922369

65 **Perforin-2 Is Essential for Intracellular Defense of Parenchymal Cells and Phagocytes Against Pathogenic Bacteria.** 84 citations

ELife

https://exaly.com/article/90722854

2014

66 **Small Alveolar Macrophages Are Infected Preferentially by HIV and Exhibit Impaired Phagocytic Function** 180 citations

Mucosal Immunology · 7, 1116-1126

https://exaly.com/article/57890633

67 **Exploitation of Mycobacterium tuberculosis Reporter Strains to Probe the Impact of Vaccination at Sites of Infection** 88 citations

PLoS Pathogens · 10, e1004394

https://exaly.com/article/57927767

68 **The Sculpting of the Mycobacterium tuberculosis Genome by Host Cell-Derived Pressures.** 3 citations

Microbiology Spectrum

https://exaly.com/article/58383220

69 **Asymptomatic HIV-Infected Individuals on Antiretroviral Therapy Exhibit Impaired Lung CD4+ T-Cell Responses to Mycobacteria** 42 citations

American Journal of Respiratory and Critical Care Medicine · 190, 938-47

https://exaly.com/article/59021554

70 **The Sculpting of the Mycobacterium tuberculosis Genome by Host Cell–Derived Pressures** 0 citations

Journal unavailable

https://exaly.com/article/108570747

2013

71 **Dynamic Quantitative Assays of Phagosomal Function** 24 citations

Current Protocols in Immunology · 102, 14.34.1-14.34.14

https://exaly.com/article/55062606

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2013 / continued

72 **Trp'ing Tuberculosis** — 9 citations
Cell · 155, 1209-1210
https://exaly.com/article/55162094

73 **Infection of Macrophages With Mycobacterium tuberculosis Induces Global Modifications to Phagosomal Function** — 158 citations
Cellular Microbiology · 15, 843-859
https://exaly.com/article/55434960

74 **The Evolutionary Pressures That Have Molded Mycobacterium tuberculosis Into an Infectious Adjuvant** — 38 citations
Current Opinion in Microbiology · 16, 78-84
https://exaly.com/article/55436348

75 **Intracellular Mycobacterium tuberculosis Exploits Host-Derived Fatty Acids to Limit Metabolic Stress** — 373 citations
Journal of Biological Chemistry · 288, 6788-6800
https://exaly.com/article/55807981

76 **Mycobacterium tuberculosis Responds to Chloride and pH as Synergistic Cues to the Immune Status of Its Host Cell** — 149 citations
PLoS Pathogens · 9, e1003282
https://exaly.com/article/56309854

77 **Mycobacterial Trehalose Dimycolate Reprograms Macrophage Global Gene Expression and Activates Matrix Metalloproteinases.** — 41 citations
Infection and Immunity · 81, 764-76
https://exaly.com/article/56390450

78 **Defects in Neutrophil Granule Mobilization and Bactericidal Activity in Familial Hemophagocytic Lymphohistiocytosis Type 5 (FHL-5) Syndrome Caused by STXBP2/Munc18-2 Mutations** — 46 citations
Blood · 122, 109-111
https://exaly.com/article/56866229

2012

79 **Linking the Transcriptional Profiles and the Physiological States of Mycobacterium tuberculosis During an Extended Intracellular Infection** — 234 citations
PLoS Pathogens · 8, e1002769
https://exaly.com/article/52325360

80 **B31. Environmental Exposures That Influence Lung Function** — 0 citations
Journal unavailable
https://exaly.com/article/54162312

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2011

81 The Galvanizing of Mycobacterium tuberculosis: An Antimicrobial Mechanism
9 citations
Cell Host and Microbe · 10, 181-183
https://exaly.com/article/50242060

82 Quantification of Mycobacterium avium subsp. Paratuberculosis (MAP) Survival in Monocyte-Derived Macrophages
7 citations
Veterinary Immunology and Immunopathology · 139, 73-78
https://exaly.com/article/50342378

83 aprABC: A Mycobacterium tuberculosis Complex-Specific Locus That Modulates pH-Driven Adaptation to the Macrophage Phagosome
193 citations
Molecular Microbiology · 80, 678-694
https://exaly.com/article/50980943

84 Mycobacterium tuberculosis and the Intimate Discourse of a Chronic Infection
263 citations
Immunological Reviews · 240, 252-268
https://exaly.com/article/51015570

85 Pathway Profiling in Mycobacterium tuberculosis: Elucidation of Cholesterol-Derived Catabolite and Enzymes That Catalyze Its Metabolism
100 citations
Journal of Biological Chemistry · 286, 43668-43678
https://exaly.com/article/51245661

2010

86 Equine Bronchial Epithelial Cells Differentiate Into Ciliated and Mucus Producing Cells in Vitro
15 citations
In Vitro Cellular and Developmental Biology - Animal · 46, 102-106
https://exaly.com/article/47928363

87 Caseation of Human Tuberculosis Granulomas Correlates With Elevated Host Lipid Metabolism
441 citations
EMBO Molecular Medicine · 2, 258-74
https://exaly.com/article/48097496

88 Development of a Novel, Cell-Based Chemical Screen to Identify Inhibitors of Intraphagosomal Lipolysis in Macrophages
11 citations
Cytometry Part A: the Journal of the International Society for Analytical Cytology · 77A, 751-760
https://exaly.com/article/48111854

89 Induction of ER Stress in Macrophages of Tuberculosis Granulomas
116 citations
PLoS ONE · 5, e12772
https://exaly.com/article/48664246

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2010 / continued

90 **Fibrinogen Regulates the Cytotoxicity of Mycobacterial Trehalose Dimycolate but Is Not Required for Cell Recruitment, Cytokine Response, or Control of Mycobacterial Infection.** 23 citations
Infection and Immunity · 78, 1004-11
https://exaly.com/article/48745492

91 **Functional Genetic Diversity Among Mycobacterium tuberculosis Complex Clinical Isolates: Delineation of Conserved Core and Lineage-Specific Transcriptomes During Intracellular Survival** 226 citations
PLoS Pathogens · 6, e1000988
https://exaly.com/article/49106296

92 **Tuberculosis: What We Don't Know Can, and Does, Hurt Us** 453 citations
Science · 328, 852-6
https://exaly.com/article/49371613

93 **Mycobacterium tuberculosis Wears What It Eats** 180 citations
Cell Host and Microbe · 8, 68-76
https://exaly.com/article/49541519

2009

94 **MARCO, TLR2, and CD14 Are Required for Macrophage Cytokine Responses to Mycobacterial Trehalose Dimycolate and Mycobacterium tuberculosis** 290 citations
PLoS Pathogens · 5, e1000474
https://exaly.com/article/45713056

95 **Decreased Outer Membrane Permeability Protects Mycobacteria From Killing by Ubiquitin-Derived Peptides** 73 citations
Molecular Microbiology · 73, 844-857
https://exaly.com/article/46320945

96 **Foamy Macrophages and the Progression of the Human Tuberculosis Granuloma** 748 citations
Nature Immunology · 10, 943-948
https://exaly.com/article/46336770

97 **The Macrophage Marches on Its Phagosome: Dynamic Assays of Phagosome Function** 172 citations
Nature Reviews Immunology · 9, 594-600
https://exaly.com/article/46340248

98 **Intraphagosomal Measurement of the Magnitude and Duration of the Oxidative Burst** 84 citations
Traffic · 10, 372-378
https://exaly.com/article/46351731

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2009 / continued

99 Transcriptional Responses of Mycobacterium tuberculosis to Lung Surfactant
40 citations
Microbial Pathogenesis · 46, 185-193
https://exaly.com/article/46757327

100 Infection by Tubercular Mycobacteria Is Spread by Nonlytic Ejection From Their Amoeba Hosts
206 citations
Science · 323, 1729-33
https://exaly.com/article/46889348

101 Edaxadiene: A New Bioactive Diterpene From Mycobacterium tuberculosis
56 citations
Journal of the American Chemical Society · 131, 17526-7
https://exaly.com/article/46942957

102 Recording Phagosome Maturation Through the Real-Time, Spectrofluorometric Measurement of Hydrolytic Activities
22 citations
Methods in Molecular Biology · 531, 157-171
https://exaly.com/article/83493042

103 Intraphagosomal Measurement of the Magnitude and Duration of the Oxidative Burst.
53 citations
Traffic · 10, 372-8
https://exaly.com/article/85771495

104 Phagocyte-Pathogen Interactions
9 citations
Journal unavailable
https://exaly.com/article/85889672

105 Functional Analysis of the Intraphagosomal Environment of the Macrophage: Fluorogenic Reporters and the Transcriptional Responses of Salmonella and Mycobacterium spp.
0 citations
Journal unavailable
https://exaly.com/article/106826237

2008

106 Analysis of the Human T Cell Responsiveness to Purified Antigens of Leishmania: Lipophosphoglycan (LPG) and Glycoprotein 63 (Gp 63)
43 citations
Clinical and Experimental Immunology · 83, 472-478
https://exaly.com/article/43718972

107 Association Between Sputum Smear Status and Local Immune Responses at the Site of Disease in HIV-Infected Patients With Pulmonary Tuberculosis
13 citations
Tuberculosis · 88, 58-63
https://exaly.com/article/43832971

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2008 / continued

108 **Peripheral Cell Wall Lipids of Mycobacterium tuberculosis Are Inhibitory to Surfactant Function** 22 citations
Tuberculosis · 88, 178-186
https://exaly.com/article/43832990

109 **Staphylococcus and the Healing Power of Pus** 13 citations
Cell Host and Microbe · 3, 115-116
https://exaly.com/article/44102678

110 **Genetic Toggling of Alkaline Phosphatase Folding Reveals Signal Peptides for All Major Modes of Transport Across the Inner Membrane of Bacteria** 51 citations
Journal of Biological Chemistry · 283, 35223-35235
https://exaly.com/article/44547710

111 **Mycobacterium tuberculosis: Life and Death in the Phagosome** 4 citations
Journal unavailable
https://exaly.com/article/68466089

112 **Real-Time Spectrofluorometric Assays for the Lumenal Environment of the Maturing Phagosome** 66 citations
Methods in Molecular Biology · 445, 311-325
https://exaly.com/article/83491576

2007

113 **Lysosomal Killing of Mycobacterium Mediated by Ubiquitin-Derived Peptides Is Enhanced by Autophagy** 307 citations
Proceedings of the National Academy of Sciences of the United States of America · 104, 6031-6036
https://exaly.com/article/41347775

114 **Mycobacterium tuberculosis Invasion of Macrophages: Linking Bacterial Gene Expression to Environmental Cues** 351 citations
Cell Host and Microbe · 2, 352-364
https://exaly.com/article/42033609

115 **Effect of Forewing and Hindwing Interactions on Aerodynamic Forces and Power in Hovering Dragonfly Flight** 184 citations
Physical Review Letters · 99, 148101
https://exaly.com/article/42419165

116 **Structural Characterization of Phosphatidyl-Myo-Inositol Mannosides From Mycobacterium bovis Bacillus Calmette Guérin by Multiple-Stage Quadrupole Ion-Trap Mass Spectrometry With Electrospray Ionization. I. PIMs and Lyso-PIMs** 50 citations
Journal of the American Society for Mass Spectrometry · 18, 466-78
https://exaly.com/article/42750369

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2007 / continued

117 **Structural Characterization of Phosphatidyl-Myo-Inositol Mannosides From Mycobacterium bovis Bacillus Calmette Gúerin by Multiple-Stage Quadrupole Ion-Trap Mass Spectrometry With Electrospray Ionization. II. Monoacyl- and Diacyl-PIMs**
Journal of the American Society for Mass Spectrometry · 18, 479-92
https://exaly.com/article/42750374
52 citations

118 **Toll-Like Receptors and Phagosome Maturation**
Nature Immunology · 8, 217-217
https://exaly.com/article/42809308
23 citations

119 **Who Puts the Tubercle in Tuberculosis?**
Nature Reviews Microbiology · 5, 39-47
https://exaly.com/article/42813368
555 citations

120 **TLR Signalling and Phagosome Maturation: An Alternative Viewpoint**
Cellular Microbiology · 9, 849-850
https://exaly.com/article/42848496
21 citations

121 **Lysosomal Ubiquitin and the Demise of Mycobacterium tuberculosis**
Cellular Microbiology · 9, 2768-2774
https://exaly.com/article/42848614
32 citations

122 **Mycobacterium tuberculosis and the Environment Within the Phagosome**
Immunological Reviews · 219, 37-54
https://exaly.com/article/42901373
312 citations

123 **Macrophage Activation Downregulates the Degradative Capacity of the Phagosome**
Traffic · 8, 241-250
https://exaly.com/article/42902983
116 citations

124 **Alveolar Macrophages From HIV-Infected Patients With Pulmonary Tuberculosis Retain the Capacity to Respond to Stimulation by Lipopolysaccharide**
Microbes and Infection · 9, 1053-1060
https://exaly.com/article/43192324
12 citations

125 **Title unavailable**
Journal unavailable
https://exaly.com/article/157015265
1 citations

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2006

126 **M. Tuberculosis Rv2252 Encodes a Diacylglycerol Kinase Involved in the Biosynthesis of Phosphatidylinositol Mannosides (PIMs)** 18 citations

Molecular Microbiology · 60, 1152-1163

https://exaly.com/article/40420822

127 **Adherent and Invasive Escherichia coli Is Associated With Granulomatous Colitis in Boxer Dogs.** 245 citations

Infection and Immunity · 74, 4778-92

https://exaly.com/article/41294217

2005

128 **Structural Characterization of Cardiolipin by Tandem Quadrupole and Multiple-Stage Quadrupole Ion-Trap Mass Spectrometry With Electrospray Ionization** 103 citations

Journal of the American Society for Mass Spectrometry · 16, 491-504

https://exaly.com/article/38049063

129 **Kinetics of Phosphatidylinositol-3-Phosphate Acquisition Differ Between IgG Bead-Containing Phagosomes and Mycobacterium tuberculosis-Containing Phagosomes** 33 citations

Cellular Microbiology · 7, 1627-1634

https://exaly.com/article/38174534

130 **The Kinetics of Phagosome Maturation as a Function of Phagosome/Lysosome Fusion and Acquisition of Hydrolytic Activity** 196 citations

Traffic · 6, 413-420

https://exaly.com/article/38235454

131 **Cell Wall Lipids From Mycobacterium bovis BCG Are Inflammatory When Inoculated Within a Gel Matrix: Characterization of a New Model of the Granulomatous Response to Mycobacterial Components** 71 citations

Tuberculosis · 85, 159-176

https://exaly.com/article/38291726

132 **The Journal of Immunology | Oxford Academic** 186 citations

Journal of Immunology · 174, 5007-15

https://exaly.com/article/38955905

133 **The Journal of Immunology | Oxford Academic** 413 citations

Journal of Immunology · 174, 1491-500

https://exaly.com/article/38962784

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