# Ulrich E Schaible

List of Publications by Year
in descending order



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|---|---|---|---|
| 153 papers | 17,762 citations | 20817 60 h-index | 14208 128 g-index |
| 204 all docs | 204 docs citations | 204 times ranked | 26052 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evaluation of Myeloperoxidase as Target for Host-Directed Therapy in Tuberculosis In Vivo. International Journal of Molecular Sciences, 2022, 23, 2554. | 4.1 | 5 |
| 2 | Tuberculostearic Acid-Containing Phosphatidylinositols as Markers of Bacterial Burden in Tuberculosis. ACS Infectious Diseases, 2022, 8, 1303-1315. | 3.8 | 9 |
| 3 | Deficiency of the Intramembrane Protease SPPL2a Alters Antimycobacterial Cytokine Responses of Dendritic Cells. Journal of Immunology, 2021, 206, 164-180. | 0.8 | 5 |
| 4 | Transport of Lipophilic Antiâ€Tuberculosis Drug Benzothiazoneâ€043 in Ca 3 (PO 4 ) 2 Nanocontainers. ChemNanoMat, 2021, 7, 7-16. | 2.8 | 3 |
| 5 | The knowns and unknowns of latent Mycobacterium tuberculosis infection. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 67 |
| 6 | Perspectives for systems biology in the management of tuberculosis. European Respiratory Review, 2021, 30, 200377. | 7.1 | 13 |
| 7 | WNT6/ACC2-induced storage of triacylglycerols in macrophages is exploited by Mycobacterium tuberculosis. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 17 |
| 8 | Selective Targeting of Human and Animal Pathogens of the Helicobacter Genus by Flavodoxin Inhibitors: Efficacy, Synergy, Resistance and Mechanistic Studies. International Journal of Molecular Sciences, 2021, 22, 10137. | 4.1 | 4 |
| 9 | Neutrophil-Mediated Mechanisms as Targets for Host-Directed Therapies Against Tuberculosis. , 2021, , 211-217. | | 0 |
| 10 | Differential Roles of the Calcium Ion Channel TRPV4 in Host Responses to Mycobacterium tuberculosis Early and Late in Infection. IScience, 2020, 23, 101206. | 4.1 | 9 |
| 11 | Phenotypic and Transcriptomic Analyses of Seven Clinical Stenotrophomonas maltophilia Isolates Identify a Small Set of Shared and Commonly Regulated Genes Involved in the Biofilm Lifestyle. Applied and Environmental Microbiology, 2020, 86, . | 3.1 | 12 |
| 12 | Genetic Variants of the DSF Quorum Sensing System in Stenotrophomonas maltophilia Influence Virulence and Resistance Phenotypes Among Genotypically Diverse Clinical Isolates. Frontiers in Microbiology, 2020, 11, 1160. | 3.5 | 22 |
| 13 | Enhanced tenacity of mycobacterial aerosols from necrotic neutrophils. Scientific Reports, 2020, 10, 9159. | 3.3 | 7 |
| 14 | Multimodal X-ray imaging of nanocontainer-treated macrophages and calcium distribution in the perilacunar bone matrix. Scientific Reports, 2020, 10, 1784. | 3.3 | 6 |
| 15 | The phylogenetic landscape and nosocomial spread of the multidrug-resistant opportunist Stenotrophomonas maltophilia. Nature Communications, 2020, 11, 2044. | 12.8 | 76 |
| 16 | Therapies for tuberculosis and AIDS: myeloid-derived suppressor cells in focus. Journal of Clinical Investigation, 2020, 130, 2789-2799. | 8.2 | 26 |
| 17 | Zirconyl Hydrogenphosphate Nanocontainers for Flexible Transport and Release of Lipophilic Cytostatics, Insecticides, and Antibiotics. Advanced Functional Materials, 2019, 29, 1900543. | 14.9 | 9 |
| 18 | Legionella transmission through cooling towers: towards better control and research of a neglected pathogen. Lancet Respiratory Medicine,the, 2019, 7, 378-380. | 10.7 | 6 |

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| 19 | TB sequel: incidence, pathogenesis and risk factors of long-term medical and social sequelae of pulmonary TB â€“ a study protocol. BMC Pulmonary Medicine, 2019, 19, 4. | 2.0 | 45 |
| 20 | In vivo virulence of Mycobacterium tuberculosis depends on a single homologue of the LytR-CpsA-Psr proteins. Scientific Reports, 2018, 8, 3936. | 3.3 | 10 |
| 21 | Software-aided quality control of parallel reaction monitoring based quantitation of lipid mediators. Analytica Chimica Acta, 2018, 1037, 168-176. | 5.4 | 4 |
| 22 | Targeting neutrophils for host-directed therapy to treat tuberculosis. International Journal of Medical Microbiology, 2018, 308, 142-147. | 3.6 | 35 |
| 23 | Intracellular compartments of pathogens: Highways to hell or stairways to heaven?. International Journal of Medical Microbiology, 2018, 308, 1-2. | 3.6 | 0 |
| 24 | Perspectives for personalized therapy for patients with multidrugâ€resistant tuberculosis. Journal of Internal Medicine, 2018, 284, 163-188. | 6.0 | 33 |
| 25 | Analysis of Staphylococcus aureus proteins secreted inside infected human epithelial cells. International Journal of Medical Microbiology, 2018, 308, 664-674. | 3.6 | 4 |
| 26 | Editorial: Reassessing Twenty Years of Vaccine Development against Tuberculosis. Frontiers in Immunology, 2018, 9, 180. | 4.8 | 3 |
| 27 | Smear Microscopy for Diagnosis of Pulmonary Tuberculosis in Eastern Sudan. Tuberculosis Research and Treatment, 2018, 2018, 1-8. | 0.6 | 7 |
| 28 | Analysis of Phylogenetic Variation of Stenotrophomonas maltophilia Reveals Human-Specific Branches. Frontiers in Microbiology, 2018, 9, 806. | 3.5 | 39 |
| 29 | Mycobacterial infections in carcasses of ruminants slaughtered at the two slaughterhouses of Kassala, Sudan. Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux, 2018, 70, 131-136. | 0.5 | 2 |
| 30 | M.Âtuberculosis-Induced Necrosis of Infected Neutrophils Promotes Bacterial Growth Following Phagocytosis by Macrophages. Cell Host and Microbe, 2017, 22, 519-530.e3. | 11.0 | 167 |
| 31 | Macrophage Inducible C-Type Lectin As a Multifunctional Player in Immunity. Frontiers in Immunology, 2017, 8, 861. | 4.8 | 67 |
| 32 | Suppressor of Cytokine Signaling 3 in Macrophages Prevents Exacerbated Interleukin-6-Dependent Arginase-1 Activity and Early Permissiveness to Experimental Tuberculosis. Frontiers in Immunology, 2017, 8, 1537. | 4.8 | 12 |
| 33 | Strategies to Improve Vaccine Efficacy against Tuberculosis by Targeting Innate Immunity. Frontiers in Immunology, 2017, 8, 1755. | 4.8 | 26 |
| 34 | Trehalose dimycolate interferes with FcÎ³R-mediated phagosome maturation through Mincle, SHP-1 and FcÎ³RIIB signalling. PLoS ONE, 2017, 12, e0174973. | 2.5 | 36 |
| 35 | Linking microbiota and respiratory disease. FEBS Letters, 2016, 590, 3721-3738. | 2.8 | 64 |
| 36 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |

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| 37 | Neutrophils in tuberculosis â€“ first line of defence or booster of disease and targets for host directed therapy?. Pathogens and Disease, 2016, 74, ftw012. | 2.0 | 78 |
| 38 | Mincle-mediated anti-inflammatory IL-10 response counter-regulates IL-12 <i>inÂvitro</i>. Innate Immunity, 2016, 22, 181-185. | 2.4 | 39 |
| 39 | Isoniazid@Fe<sub>2</sub>O<sub>3</sub> Nanocontainers and Their Antibacterial Effect on Tuberculosis Mycobacteria. Angewandte Chemie - International Edition, 2015, 54, 12597-12601. | 13.8 | 30 |
| 40 | Purification and proteomics of pathogen-modified vacuoles and membranes. Frontiers in Cellular and Infection Microbiology, 2015, 5, 48. | 3.9 | 56 |
| 41 | Phenotypic Heterogeneity Affects Stenotrophomonas maltophilia K279a Colony Morphotypes and Î2-Lactamase Expression. Frontiers in Microbiology, 2015, 6, 1373. | 3.5 | 27 |
| 42 | Macrophage defense mechanisms against intracellular bacteria. Immunological Reviews, 2015, 264, 182-203. | 6.0 | 724 |
| 43 | Isolation of Bead Phagosomes to Study Virulence Function of M. tuberculosis Cell Wall Lipids. Methods in Molecular Biology, 2015, 1285, 357-368. | 0.9 | 3 |
| 44 | Infection of Human Neutrophils to Study Virulence Properties of Mycobacterium tuberculosis. Methods in Molecular Biology, 2015, 1285, 343-355. | 0.9 | 1 |
| 45 | A novel method for non-transferrin-bound iron quantification by chelatable fluorescent beads based on flow cytometry. Biochemical Journal, 2014, 463, 351-362. | 3.7 | 27 |
| 46 | Immunomagnetic Isolation of Pathogenâ€Containing Phagosomes and Apoptotic Blebs from Primary Phagocytes. Current Protocols in Immunology, 2014, 105, 14.36.1-14.36.26. | 3.6 | 17 |
| 47 | Lysosomal phospholipase A<sub>2</sub>: A novel player in host immunity to <i>Mycobacterium tuberculosis</i>. European Journal of Immunology, 2014, 44, 2394-2404. | 2.9 | 30 |
| 48 | WASH-driven actin polymerization is required for efficient mycobacterial phagosome maturation arrest. Cellular Microbiology, 2014, 16, 232-246. | 2.1 | 37 |
| 49 | An Experimental Model to Study Tuberculosis-Malaria Coinfection upon Natural Transmission of <i>Mycobacterium tuberculosis</i> and <i>Plasmodium berghei</i>. Journal of Visualized Experiments, 2014, , e50829. | 0.3 | 12 |
| 50 | Environmentally Determined Differences in the Murine Lung Microbiota and Their Relation to Alveolar Architecture. PLoS ONE, 2014, 9, e113466. | 2.5 | 116 |
| 51 | Diversion of phagosome trafficking by pathogenic <i> <scp>R</scp> hodococcus equi </i> depends on mycolic acid chain length. Cellular Microbiology, 2013, 15, 458-473. | 2.1 | 21 |
| 52 | IL-17A promotes macrophage effector mechanisms against Trypanosoma cruzi by trapping parasites in the endolysosomal compartment. Immunobiology, 2013, 218, 910-923. | 1.9 | 46 |
| 53 | Rapid in vivo assessment of drug efficacy against Mycobacterium tuberculosis using an improved firefly luciferase. Journal of Antimicrobial Chemotherapy, 2013, 68, 2118-2127. | 3.0 | 59 |
| 54 | The Attenuated Brucella abortus Strain 19 Invades, Persists in, and Activates Human Dendritic Cells, and Induces the Secretion of IL-12p70 but Not IL-23. PLoS ONE, 2013, 8, e65934. | 2.5 | 5 |

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| 55 | A new in vivo model to test anti-tuberculosis drugs using fluorescence imaging. Journal of Antimicrobial Chemotherapy, 2012, 67, 1948-1960. | 3.0 | 78 |
| 56 | Natural Transmission of Plasmodium berghei Exacerbates Chronic Tuberculosis in an Experimental Co-Infection Model. PLoS ONE, 2012, 7, e48110. | 2.5 | 27 |
| 57 | Escape of Mycobacterium tuberculosis from oxidative killing by neutrophils. Cellular Microbiology, 2012, 14, 1109-1121. | 2.1 | 116 |
| 58 | The Granuloma in Tuberculosis: Dynamics of a Hostâ€“Pathogen Collusion. Frontiers in Immunology, 2012, 3, 411. | 4.8 | 260 |
| 59 | Interferon Gamma Activated Macrophages Kill Mycobacteria by Nitric Oxide Induced Apoptosis. PLoS ONE, 2011, 6, e19105. | 2.5 | 201 |
| 60 | Fluorescent 3-hydroxy-4-pyridinone hexadentate iron chelators: intracellular distribution and the relevance to antimycobacterial properties. Journal of Biological Inorganic Chemistry, 2010, 15, 861-877. | 2.6 | 38 |
| 61 | A role for ILâ€18 in protective immunity against <i>Mycobacterium tuberculosis</i>. European Journal of Immunology, 2010, 40, 396-405. | 2.9 | 98 |
| 62 | Optimisation of Bioluminescent Reporters for Use with Mycobacteria. PLoS ONE, 2010, 5, e10777. | 2.5 | 289 |
| 63 | Sensitive Detection of Gene Expression in Mycobacteria under Replicating and Non-Replicating Conditions Using Optimized Far-Red Reporters. PLoS ONE, 2010, 5, e9823. | 2.5 | 167 |
| 64 | Landscape Analysis of Interactions between Nutrition and Vaccine Responses in Children. Journal of Nutrition, 2009, 139, 2154S-2218S. | 2.9 | 121 |
| 65 | Monitoring intracellular labile iron pools: A novel fluorescent iron(iii) sensor as a potential non-invasive diagnosis tool. Journal of Pharmaceutical Sciences, 2009, 98, 2212-2226. | 3.3 | 37 |
| 66 | Two-Dimensional Gel Electrophoresis-Based Proteomics of Mycobacteria. Methods in Molecular Biology, 2009, 465, 111-142. | 0.9 | 2 |
| 67 | Containment of aerogenic <i>Mycobacterium tuberculosis</i> infection in mice does not require MyD88 adaptor function for TLR2, â€4 and â€9. European Journal of Immunology, 2008, 38, 680-694. | 2.9 | 158 |
| 68 | Viral danger signals control CD1d <i>de novo</i> synthesis and NKT cell activation. European Journal of Immunology, 2008, 38, 668-679. | 2.9 | 40 |
| 69 | Innate immunity in tuberculosis: myths and truth. Microbes and Infection, 2008, 10, 995-1004. | 1.9 | 206 |
| 70 | Delay of phagosome maturation by a mycobacterial lipid is reversed by nitric oxide. Cellular Microbiology, 2008, 10, 1530-1545. | 2.1 | 122 |
| 71 | Natural killer Tâ€cell characterization through gene expression profiling: an account of versatility bridging T helper type 1 (Th1), Th2 and Th17 immune responses. Immunology, 2008, 123, 45-56. | 4.4 | 36 |
| 72 | Targeting the Lysosome: Fluorescent Iron(III) Chelators To Selectively Monitor Endosomal/Lysosomal Labile Iron Pools. Journal of Medicinal Chemistry, 2008, 51, 4539-4552. | 6.4 | 111 |

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| 73 | New challenges in studying nutrition-disease interactions in the developing world. Journal of Clinical Investigation, 2008, 118, 1322-1329. | 8.2 | 66 |
| 74 | Immune responses to intracellular bacteria. , 2008, , 389-409. | | 1 |
| 75 | Malnutrition and Infection: Complex Mechanisms and Global Impacts. PLoS Medicine, 2007, 4, e115. | 8.4 | 655 |
| 76 | An improved strategy for selective and efficient enrichment of integral plasma membrane proteins of mycobacteria. Proteomics, 2007, 7, 1687-1701. | 2.2 | 33 |
| 77 | Apoptotic Vesicles Crossprime CD8 T Cells and Protect against Tuberculosis. Immunity, 2006, 24, 105-117. | 14.3 | 353 |
| 78 | Proteins unique to intraphagosomally grownMycobacterium tuberculosis. Proteomics, 2006, 6, 2485-2494. | 2.2 | 75 |
| 79 | Mycobacterium tuberculosis gene expression profiling within the context of protein networks. Microbes and Infection, 2006, 8, 747-757. | 1.9 | 64 |
| 80 | CD1 Antigen Presentation by Human Dendritic Cells as a Target for Herpes Simplex Virus Immune Evasion. Journal of Immunology, 2006, 177, 6207-6214. | 0.8 | 57 |
| 81 | Antigen presentation and recognition in bacterial infections. Current Opinion in Immunology, 2005, 17, 79-87. | 5.5 | 71 |
| 82 | Maturation of Rhodococcus equi-Containing Vacuoles is Arrested After Completion of the Early Endosome Stage. Traffic, 2005, 6, 635-653. | 2.7 | 100 |
| 83 | No life without deathâ€"apoptosis as prerequisite for T cell activation. Apoptosis: an International Journal on Programmed Cell Death, 2005, 10, 707-715. | 4.9 | 38 |
| 84 | Lipid-binding Proteins in Membrane Digestion, Antigen Presentation, and Antimicrobial Defense. Journal of Biological Chemistry, 2005, 280, 41125-41128. | 3.4 | 70 |
| 85 | A nutritive view on the hostâ€"pathogen interplay. Trends in Microbiology, 2005, 13, 373-380. | 7.7 | 99 |
| 86 | 100th anniversary of Robert Koch's Nobel Prize for the discovery of the tubercle bacillus. Trends in Microbiology, 2005, 13, 469-475. | 7.7 | 76 |
| 87 | Complementary Analysis of the Mycobacterium tuberculosis Proteome by Two-dimensional Electrophoresis and Isotope-coded Affinity Tag Technology. Molecular and Cellular Proteomics, 2004, 3, 24-42. | 3.8 | 160 |
| 88 | Mycobacterial phosphatidylinositol mannoside is a natural antigen for CD1d-restricted T cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10685-10690. | 7.1 | 348 |
| 89 | Apoptosis paves the detour path for CD8 T cell activation against intracellular bacteria. Cellular Microbiology, 2004, 6, 599-607. | 2.1 | 81 |
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| 91 | Iron and microbial infection. Nature Reviews Microbiology, 2004, 2, 946-953. | 28.6 | 835 |
| 92 | Protein identification and tracking in two-dimensional electrophoretic gels by minimal protein identifiers. Proteomics, 2004, 4, 2927-2941. | 2.2 | 29 |
| 93 | Comparative proteome analysis of culture supernatant proteins from virulent <b><i>Mycobacterium tuberculosis</i></b> H37Rv and attenuated <b><i>M. bovis</i></b> BCG Copenhagen. Electrophoresis, 2003, 24, 3405-3420. | 2.4 | 156 |
| 94 | Apoptosis facilitates antigen presentation to T lymphocytes through MHC-I and CD1 in tuberculosis. Nature Medicine, 2003, 9, 1039-1046. | 30.7 | 475 |
| 95 | A Dangerous Liaison between Two Major Killers. Journal of Experimental Medicine, 2003, 197, 1-5. | 8.5 | 80 |
| 96 | Iron Chelation Via Deferoxamine Exacerbates Experimental Salmonellosis Via Inhibition of the Nicotinamide Adenine Dinucleotide Phosphate Oxidase-Dependent Respiratory Burst. Journal of Immunology, 2002, 168, 3458-3463. | 0.8 | 63 |
| 97 | Correction of the Iron Overload Defect in Î²-2-Microglobulin Knockout Mice by Lactoferrin Abolishes Their Increased Susceptibility to Tuberculosis. Journal of Experimental Medicine, 2002, 196, 1507-1513. | 8.5 | 204 |
| 98 | The IFN-Inducible Golgi- and Endoplasmic Reticulum- Associated 47-kDa GTPase IIGP Is Transiently Expressed During Listeriosis. Journal of Immunology, 2002, 168, 3428-3436. | 0.8 | 55 |
| 99 | Critical Role of NK Cells Rather Than VÎ±14+NKT Cells in Lipopolysaccharide-Induced Lethal Shock in Mice. Journal of Immunology, 2002, 169, 1426-1432. | 0.8 | 82 |
| 100 | IL-4 and T Cells Are Required for the Generation of IgG1 Isotype Antibodies Against Cardiolipin. Journal of Immunology, 2002, 168, 2689-2694. | 0.8 | 21 |
| 101 | Mycobacterial proteomes. Methods in Enzymology, 2002, 358, 242-256. | 1.0 | 8 |
| 102 | Comparative proteome analysis of Mycobacterium tuberculosis and Mycobacterium bovis BCG strains: towards functional genomics of microbial pathogens. Molecular Microbiology, 2002, 33, 1103-1117. | 2.5 | 303 |
| 103 | Institution Profile: The Max-Planck-Institute for Infection Biology and German Center for Rheumatological Research. Trends in Microbiology, 2001, 9, 93-94. | 7.7 | 0 |
| 104 | Identification of proteins fromMycobacterium tuberculosis missing in attenuatedMycobacterium bovis BCG strains. Electrophoresis, 2001, 22, 2936-2946. | 2.4 | 89 |
| 105 | Mycobacterial Lysocardiolipin Is Exported from Phagosomes upon Cleavage of Cardiolipin by a Macrophage-Derived Lysosomal Phospholipase A2. Journal of Immunology, 2001, 167, 2187-2192. | 0.8 | 58 |
| 106 | Isolation of RNA from mycobacteria grown under in vitro and in vivo conditions. FEMS Microbiology Letters, 2000, 186, 177-180. | 1.8 | 23 |
| 107 | Exploiting the immune system: Toward new vaccines against intracellular bacteria. Advances in Immunology, 2000, 75, 1-88. | 2.2 | 62 |
| 108 | Intersection of Group I CD1 Molecules and Mycobacteria in Different Intracellular Compartments of Dendritic Cells. Journal of Immunology, 2000, 164, 4843-4852. | 0.8 | 106 |

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| 109 | CD1 molecules and CD1-dependent T cells in bacterial infections: a link from innate to acquired immunity?. Seminars in Immunology, 2000, 12, 527-535. | 5.6 | 33 |
| 110 | CD1 and CD1-restricted T cells in infections with intracellular bacteria. Trends in Microbiology, 2000, 8, 419-425. | 7.7 | 35 |
| 111 | Isolation of RNA from mycobacteria grown under in vitro and in vivo conditions. FEMS Microbiology Letters, 2000, 186, 177-180. | 1.8 | 6 |
| 112 | A dynamic two-dimensional polyacrylamide gel electrophoresis database: The mycobacterial proteomevia Internet. Electrophoresis, 1999, 20, 2172-2180. | 2.4 | 74 |
| 113 | Parasitophorous vacuoles of Leishmania mexicana acquire macromolecules from the host cell cytosol via two independent routes. Journal of Cell Science, 1999, 112 ( Pt 5), 681-93. | 2.0 | 32 |
| 114 | Confrontation between Intracellular Bacteria and the Immune System. Advances in Immunology, 1998, 71, 267-377. | 2.2 | 162 |
| 115 | Cytokine activation leads to acidification and increases maturation of Mycobacterium avium-containing phagosomes in murine macrophages. Journal of Immunology, 1998, 160, 1290-6. | 0.8 | 307 |
| 116 | Early IL-4 induction in bone marrow lymphoid precursor cells by mycobacterial lipoarabinomannan. Journal of Immunology, 1998, 161, 5546-54. | 0.8 | 16 |
| 117 | Why intracellular parasitism need not be a degrading experience forMycobacterium. Philosophical Transactions of the Royal Society B: Biological Sciences, 1997, 352, 1303-1310. | 4.0 | 46 |
| 118 | Mycobacterium-containing phagosomes are accessible to early endosomes and reflect a transitional state in normal phagosome biogenesis.. EMBO Journal, 1996, 15, 6960-6968. | 7.8 | 319 |
| 119 | Mycobacterium-containing phagosomes are accessible to early endosomes and reflect a transitional state in normal phagosome biogenesis. EMBO Journal, 1996, 15, 6960-8. | 7.8 | 119 |
| 120 | The outer surface lipoprotein A of Borrelia burgdorferi provides direct and indirect augmenting/co-stimulatory signals for the activation of CD4+ and CD8+ T cells. Immunology Letters, 1995, 45, 137-142. | 2.5 | 19 |
| 121 | Infestation of Rodents with Larval Ixodes ricinus (Acari; Ixodidae) Is an Important Factor in the Transmission Cycle of Borrelia burgdorferi s.l. in German Woodlands. Journal of Medical Entomology, 1995, 32, 807-817. | 1.8 | 119 |
| 122 | Studies on early events of Borrelia burgdorferi-induced cytokine production in immunodeficient SCID mice by using a tissue chamber model for acute inflammation. International Journal of Experimental Pathology, 1995, 76, 111-23. | 1.3 | 23 |
| 123 | Protection against Borrelia burgdorferi infection in SCID mice is conferred by presensitized spleen cells and partially by B but not T cells alone. International Immunology, 1994, 6, 671-681. | 4.0 | 71 |
| 124 | Expression of Endothelial Cell Adhesion Molecules in Joints and Heart during<i>Borrelia burgdorferi</i>Infection of Mice. Cell Adhesion and Communication, 1994, 2, 465-479. | 1.7 | 50 |
| 125 | <i>Borrelia Burgdorferi</i>Upregulates the Adhesion Molecules E-selectin, P-selectin, ICAM-1 and VCAM-1 on Mouse Endothelioma Cells<i>in vitro</i>. Cell Adhesion and Communication, 1994, 2, 145-157. | 1.7 | 58 |
| 126 | Killing of Borrelia burgdorferi by macrophages is dependent on oxygen radicals and nitric oxide and can be enhanced by antibodies to outer surface proteins of the spirochete. Immunology Letters, 1994, 40, 139-146. | 2.5 | 61 |

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| 127 | Differential immune responses to Borrelia burgdorferi in European wild rodent species influence spirochete transmission to Ixodes ricinus L. (Acari: Ixodidae). Infection and Immunity, 1994, 62, 5344-5352. | 2.2 | 92 |
| 128 | Biochemical and Immunological Analysis of a Polymorphic Low-Molecular-Weight Lipoprotein of Borrelia Burgdorferi. , 1994, , 261-267. | | 0 |
| 129 | Lyme Arthritis: Pathogenetic Principles Emerging from Studies in Man and Mouse. , 1994, , 205-229. | | 1 |
| 130 | A 14,000 MW lipoprotein and a glycolipid-like structure of Borrelia burgdorferi induce proliferation and immunoglobulin production in mouse B cells at high frequencies. Immunology, 1994, 82, 389-96. | 4.4 | 36 |
| 131 | Distinct patterns of protective antibodies are generated against Borrelia burgdorferi in mice experimentally inoculated with high and low doses of antigen. Immunology Letters, 1993, 36, 219-226. | 2.5 | 79 |
| 132 | Immune sera to individual Borrelia burgdorferi isolates or recombinant OspA thereof protect SCID mice against infection with homologous strains but only partially or not at all against those of different OspA/OspB genotype. Vaccine, 1993, 11, 1049-1054. | 3.8 | 67 |
| 133 | Mode of Inoculation of the Lyme Disease Agent Borrelia burgdorferi Influences Infection and Immune Responses in Inbred Strains of Mice. Journal of Infectious Diseases, 1993, 167, 971-975. | 4.0 | 117 |
| 134 | Molecular and immunological characterization of a novel polymorphic lipoprotein of Borrelia burgdorferi. Infection and Immunity, 1993, 61, 4158-4166. | 2.2 | 60 |
| 135 | Coiling phagocytosis is the preferential phagocytic mechanism for Borrelia burgdorferi. Infection and Immunity, 1992, 60, 4205-4212. | 2.2 | 107 |
| 136 | Evaluation of genetic divergence among Borrelia burgdorferi isolates by use of OspA, fla, HSP60, and HSP70 gene probes. Infection and Immunity, 1992, 60, 4856-4866. | 2.2 | 146 |
| 137 | Cellular immune reactivity to recombinant OspA and flagellin from Borrelia burgdorferi in patients with Lyme borreliosis. Complexity of humoral and cellular immune responses.. Journal of Clinical Investigation, 1992, 90, 1077-1084. | 8.2 | 74 |
| 138 | A mouse model for Borrelia burgdorferi infection: approach to a vaccine against Lyme disease. Trends in Immunology, 1991, 12, 11-16. | 7.5 | 75 |
| 139 | ExperimentalBorrelia burgdorferi infection in inbred mouse strains: Antibody response and association of H-2 genes with resistance and susceptibility to development of arthritis. European Journal of Immunology, 1991, 21, 2397-2405. | 2.9 | 117 |
| 140 | Recombinant Outer Surface Protein A from Borrelia burgdorferi Induces Antibodies Protective against Spirochetal Infection in Mice. Journal of Infectious Diseases, 1991, 164, 123-132. | 4.0 | 209 |
| 141 | Myositis in mice inoculated with Borrelia burgdorferi. American Journal of Pathology, 1991, 139, 1267-71. | 3.8 | 15 |
| 142 | A mouse model for Borrelia burgdorferi infection: pathogenesis, immune response and protection. Behring Institute Mitteilungen, 1991, , 59-67. | 0.2 | 6 |
| 143 | Lyme carditis in immunodeficient mice during experimental infection ofBorrelia burgdorferi. Virchows Archiv A, Pathological Anatomy and Histopathology, 1990, 417, 129-135. | 1.4 | 30 |
| 144 | Monoclonal antibodies specific for the outer surface protein A (OspA) of Borrelia burgdorferi prevent Lyme borreliosis in severe combined immunodeficiency (scid) mice.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 3768-3772. | 7.1 | 310 |

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| 145 | Characterization of Borrelia burgdorferi Associated Antigens by Monoclonal Antibodies. Immunobiology, 1990, 181, 357-366. | 1.9 | 74 |
| 146 | Lyme borreliosis in the severe combined immunodeficiency (scid) mouse manifests predominantly in the joints, heart, and liver. American Journal of Pathology, 1990, 137, 811-20. | 3.8 | 107 |
| 147 | Cloning and sequencing of the gene encoding the outer surface protein A (OspA) of a EuropeanBorrelia burgdorferi isolate. Nucleic Acids Research, 1989, 17, 8864-8864. | 14.5 | 57 |
| 148 | The severe combined immunodeficiency (scid) mouse. A laboratory model for the analysis of Lyme arthritis and carditis.. Journal of Experimental Medicine, 1989, 170, 1427-1432. | 8.5 | 160 |
| 149 | Demonstration of antigen-specific T cells and histopathological alterations in mice experimentally inoculated with Borrelia burgdorferi. Infection and Immunity, 1989, 57, 41-47. | 2.2 | 70 |
| 150 | Protein identification and tracking in two-dimensional electrophoretic gels by minimal protein identifiers. , 0, , 97-120. | | 1 |
| 151 | Afipia Felis. , 0, , 235-254. | | 0 |
| 152 | Trypanosoma Cruzi. , 0, , 655-668. | | 0 |
| 153 | In Vitro Fusion Assays with Phagosomes. , 0, , 95-105. | | 1 |