

# 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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Iron and microbial infection. <i>Nature Reviews Microbiology</i> , 2004, 2, 946-953.	28.6	835
3	Macrophage defense mechanisms against intracellular bacteria. <i>Immunological Reviews</i> , 2015, 264, 182-203.	6.0	724
4	Malnutrition and Infection: Complex Mechanisms and Global Impacts. <i>PLoS Medicine</i> , 2007, 4, e115.	8.4	655
5	Apoptosis facilitates antigen presentation to T lymphocytes through MHC-I and CD1 in tuberculosis. <i>Nature Medicine</i> , 2003, 9, 1039-1046.	30.7	475
6	Apoptotic Vesicles Crossprime CD8 T Cells and Protect against Tuberculosis. <i>Immunity</i> , 2006, 24, 105-117.	14.3	353
7	Mycobacterial phosphatidylinositol mannoside is a natural antigen for CD1d-restricted T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10685-10690.	7.1	348
8	Mycobacterium-containing phagosomes are accessible to early endosomes and reflect a transitional state in normal phagosome biogenesis.. <i>EMBO Journal</i> , 1996, 15, 6960-6968.	7.8	319
9	Monoclonal antibodies specific for the outer surface protein A (OspA) of <i>Borrelia burgdorferi</i> prevent Lyme borreliosis in severe combined immunodeficiency (scid) mice.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 3768-3772.	7.1	310
10	Cytokine activation leads to acidification and increases maturation of <i>Mycobacterium avium</i> -containing phagosomes in murine macrophages. <i>Journal of Immunology</i> , 1998, 160, 1290-6.	0.8	307
11	Comparative proteome analysis of <i>Mycobacterium tuberculosis</i> and <i>Mycobacterium bovis</i> BCG strains: towards functional genomics of microbial pathogens. <i>Molecular Microbiology</i> , 2002, 33, 1103-1117.	2.5	303
12	Optimisation of Bioluminescent Reporters for Use with Mycobacteria. <i>PLoS ONE</i> , 2010, 5, e10777.	2.5	289
13	The Granuloma in Tuberculosis: Dynamics of a Host-Pathogen Collusion. <i>Frontiers in Immunology</i> , 2012, 3, 411.	4.8	260
14	Recombinant Outer Surface Protein A from <i>Borrelia burgdorferi</i> Induces Antibodies Protective against Spirochetal Infection in Mice. <i>Journal of Infectious Diseases</i> , 1991, 164, 123-132.	4.0	209
15	Innate immunity in tuberculosis: myths and truth. <i>Microbes and Infection</i> , 2008, 10, 995-1004.	1.9	206
16	Correction of the Iron Overload Defect in $\beta$ 2-Microglobulin Knockout Mice by Lactoferrin Abolishes Their Increased Susceptibility to Tuberculosis. <i>Journal of Experimental Medicine</i> , 2002, 196, 1507-1513.	8.5	204
17	Interferon Gamma Activated Macrophages Kill Mycobacteria by Nitric Oxide Induced Apoptosis. <i>PLoS ONE</i> , 2011, 6, e19105.	2.5	201
18	Sensitive Detection of Gene Expression in Mycobacteria under Replicating and Non-Replicating Conditions Using Optimized Far-Red Reporters. <i>PLoS ONE</i> , 2010, 5, e9823.	2.5	167

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19	M.Âtuberculosis-Induced Necrosis of Infected Neutrophils Promotes Bacterial Growth Following Phagocytosis by Macrophages. <i>Cell Host and Microbe</i> , 2017, 22, 519-530.e3.	11.0	167
20	Confrontation between Intracellular Bacteria and the Immune System. <i>Advances in Immunology</i> , 1998, 71, 267-377.	2.2	162
21	The severe combined immunodeficiency (scid) mouse. A laboratory model for the analysis of Lyme arthritis and carditis.. <i>Journal of Experimental Medicine</i> , 1989, 170, 1427-1432.	8.5	160
22	Complementary Analysis of the Mycobacterium tuberculosis Proteome by Two-dimensional Electrophoresis and Isotope-coded Affinity Tag Technology. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 24-42.	3.8	160
23	Sapoin C is required for lipid presentation by human CD1b. <i>Nature Immunology</i> , 2004, 5, 169-174.	14.5	160
24	Containment of aerogenic <i>Mycobacterium tuberculosis</i> infection in mice does not require MyD88 adaptor function for TLR2, $\alpha$ 4 and $\alpha$ 9. <i>European Journal of Immunology</i> , 2008, 38, 680-694.	2.9	158
25	Comparative proteome analysis of culture supernatant proteins from virulent <i>Mycobacterium tuberculosis</i> H37Rv and attenuated <i>M. bovis</i> BCG Copenhagen. <i>Electrophoresis</i> , 2003, 24, 3405-3420.	2.4	156
26	Evaluation of genetic divergence among <i>Borrelia burgdorferi</i> isolates by use of OspA, fla, HSP60, and HSP70 gene probes. <i>Infection and Immunity</i> , 1992, 60, 4856-4866.	2.2	146
27	Delay of phagosome maturation by a mycobacterial lipid is reversed by nitric oxide. <i>Cellular Microbiology</i> , 2008, 10, 1530-1545.	2.1	122
28	Landscape Analysis of Interactions between Nutrition and Vaccine Responses in Children. <i>Journal of Nutrition</i> , 2009, 139, 2154S-2218S.	2.9	121
29	Infestation of Rodents with Larval <i>Ixodes ricinus</i> (Acari; Ixodidae) Is an Important Factor in the Transmission Cycle of <i>Borrelia burgdorferi</i> s.l. in German Woodlands. <i>Journal of Medical Entomology</i> , 1995, 32, 807-817.	1.8	119
30	Mycobacterium-containing phagosomes are accessible to early endosomes and reflect a transitional state in normal phagosome biogenesis. <i>EMBO Journal</i> , 1996, 15, 6960-8.	7.8	119
31	Experimental <i>Borrelia burgdorferi</i> infection in inbred mouse strains: Antibody response and association of H-2 genes with resistance and susceptibility to development of arthritis. <i>European Journal of Immunology</i> , 1991, 21, 2397-2405.	2.9	117
32	Mode of Inoculation of the Lyme Disease Agent <i>Borrelia burgdorferi</i> Influences Infection and Immune Responses in Inbred Strains of Mice. <i>Journal of Infectious Diseases</i> , 1993, 167, 971-975.	4.0	117
33	Escape of <i>Mycobacterium tuberculosis</i> from oxidative killing by neutrophils. <i>Cellular Microbiology</i> , 2012, 14, 1109-1121.	2.1	116
34	Environmentally Determined Differences in the Murine Lung Microbiota and Their Relation to Alveolar Architecture. <i>PLoS ONE</i> , 2014, 9, e113466.	2.5	116
35	Targeting the Lysosome: Fluorescent Iron(III) Chelators To Selectively Monitor Endosomal/Lysosomal Labile Iron Pools. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4539-4552.	6.4	111
36	Coiling phagocytosis is the preferential phagocytic mechanism for <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 1992, 60, 4205-4212.	2.2	107

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37	Lyme borreliosis in the severe combined immunodeficiency (scid) mouse manifests predominantly in the joints, heart, and liver. <i>American Journal of Pathology</i> , 1990, 137, 811-20.	3.8	107
38	Intersection of Group I CD1 Molecules and Mycobacteria in Different Intracellular Compartments of Dendritic Cells. <i>Journal of Immunology</i> , 2000, 164, 4843-4852.	0.8	106
39	Maturation of Rhodococcus equi-Containing Vacuoles is Arrested After Completion of the Early Endosome Stage. <i>Traffic</i> , 2005, 6, 635-653.	2.7	100
40	A nutritive view on the host-pathogen interplay. <i>Trends in Microbiology</i> , 2005, 13, 373-380.	7.7	99
41	A role for IL-18 in protective immunity against <i>Mycobacterium tuberculosis</i> . <i>European Journal of Immunology</i> , 2010, 40, 396-405.	2.9	98
42	Differential immune responses to <i>Borrelia burgdorferi</i> in European wild rodent species influence spirochete transmission to <i>Ixodes ricinus</i> L. (Acari: Ixodidae). <i>Infection and Immunity</i> , 1994, 62, 5344-5352.	2.2	92
43	Identification of proteins from <i>Mycobacterium tuberculosis</i> missing in attenuated <i>Mycobacterium bovis</i> BCG strains. <i>Electrophoresis</i> , 2001, 22, 2936-2946.	2.4	89
44	Critical Role of NK Cells Rather Than $V\alpha 14$ +NKT Cells in Lipopolysaccharide-Induced Lethal Shock in Mice. <i>Journal of Immunology</i> , 2002, 169, 1426-1432.	0.8	82
45	Apoptosis paves the detour path for CD8 T cell activation against intracellular bacteria. <i>Cellular Microbiology</i> , 2004, 6, 599-607.	2.1	81
46	A Dangerous Liaison between Two Major Killers. <i>Journal of Experimental Medicine</i> , 2003, 197, 1-5.	8.5	80
47	Distinct patterns of protective antibodies are generated against <i>Borrelia burgdorferi</i> in mice experimentally inoculated with high and low doses of antigen. <i>Immunology Letters</i> , 1993, 36, 219-226.	2.5	79
48	A new in vivo model to test anti-tuberculosis drugs using fluorescence imaging. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1948-1960.	3.0	78
49	Neutrophils in tuberculosis - first line of defence or booster of disease and targets for host directed therapy?. <i>Pathogens and Disease</i> , 2016, 74, ftw012.	2.0	78
50	100th anniversary of Robert Koch's Nobel Prize for the discovery of the tubercle bacillus. <i>Trends in Microbiology</i> , 2005, 13, 469-475.	7.7	76
51	The phylogenetic landscape and nosocomial spread of the multidrug-resistant opportunist <i>Stenotrophomonas maltophilia</i> . <i>Nature Communications</i> , 2020, 11, 2044.	12.8	76
52	A mouse model for <i>Borrelia burgdorferi</i> infection: approach to a vaccine against Lyme disease. <i>Trends in Immunology</i> , 1991, 12, 11-16.	7.5	75
53	Proteins unique to intraphagosomally grown <i>Mycobacterium tuberculosis</i> . <i>Proteomics</i> , 2006, 6, 2485-2494.	2.2	75
54	Characterization of <i>Borrelia burgdorferi</i> Associated Antigens by Monoclonal Antibodies. <i>Immunobiology</i> , 1990, 181, 357-366.	1.9	74

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55	A dynamic two-dimensional polyacrylamide gel electrophoresis database: The mycobacterial proteome via Internet. <i>Electrophoresis</i> , 1999, 20, 2172-2180.	2.4	74
56	Cellular immune reactivity to recombinant OspA and flagellin from <i>Borrelia burgdorferi</i> in patients with Lyme borreliosis. Complexity of humoral and cellular immune responses. <i>Journal of Clinical Investigation</i> , 1992, 90, 1077-1084.	8.2	74
57	Protection against <i>Borrelia burgdorferi</i> infection in SCID mice is conferred by presensitized spleen cells and partially by B but not T cells alone. <i>International Immunology</i> , 1994, 6, 671-681.	4.0	71
58	Antigen presentation and recognition in bacterial infections. <i>Current Opinion in Immunology</i> , 2005, 17, 79-87.	5.5	71
59	Lipid-binding Proteins in Membrane Digestion, Antigen Presentation, and Antimicrobial Defense. <i>Journal of Biological Chemistry</i> , 2005, 280, 41125-41128.	3.4	70
60	Demonstration of antigen-specific T cells and histopathological alterations in mice experimentally inoculated with <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 1989, 57, 41-47.	2.2	70
61	Immune sera to individual <i>Borrelia burgdorferi</i> 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. <i>Vaccine</i> , 1993, 11, 1049-1054.	3.8	67
62	Macrophage Inducible C-Type Lectin As a Multifunctional Player in Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 861.	4.8	67
63	The knowns and unknowns of latent <i>Mycobacterium tuberculosis</i> infection. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	67
64	New challenges in studying nutrition-disease interactions in the developing world. <i>Journal of Clinical Investigation</i> , 2008, 118, 1322-1329.	8.2	66
65	<i>Mycobacterium tuberculosis</i> gene expression profiling within the context of protein networks. <i>Microbes and Infection</i> , 2006, 8, 747-757.	1.9	64
66	Linking microbiota and respiratory disease. <i>FEBS Letters</i> , 2016, 590, 3721-3738.	2.8	64
67	Iron Chelation Via Deferoxamine Exacerbates Experimental Salmonellosis Via Inhibition of the Nicotinamide Adenine Dinucleotide Phosphate Oxidase-Dependent Respiratory Burst. <i>Journal of Immunology</i> , 2002, 168, 3458-3463.	0.8	63
68	Exploiting the immune system: Toward new vaccines against intracellular bacteria. <i>Advances in Immunology</i> , 2000, 75, 1-88.	2.2	62
69	Killing of <i>Borrelia burgdorferi</i> by macrophages is dependent on oxygen radicals and nitric oxide and can be enhanced by antibodies to outer surface proteins of the spirochete. <i>Immunology Letters</i> , 1994, 40, 139-146.	2.5	61
70	Molecular and immunological characterization of a novel polymorphic lipoprotein of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 1993, 61, 4158-4166.	2.2	60
71	Rapid in vivo assessment of drug efficacy against <i>Mycobacterium tuberculosis</i> using an improved firefly luciferase. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2118-2127.	3.0	59
72	<i>Borrelia burgdorferi</i> upregulates the Adhesion Molecules E-selectin, P-selectin, ICAM-1 and VCAM-1 on Mouse Endothelioma Cells in vitro. <i>Cell Adhesion and Communication</i> , 1994, 2, 145-157.	1.7	58

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73	Mycobacterial Lysocardiolipin Is Exported from Phagosomes upon Cleavage of Cardiolipin by a Macrophage-Derived Lysosomal Phospholipase A2. <i>Journal of Immunology</i> , 2001, 167, 2187-2192.	0.8	58
74	Cloning and sequencing of the gene encoding the outer surface protein A (OspA) of a European <i>Borrelia burgdorferi</i> isolate. <i>Nucleic Acids Research</i> , 1989, 17, 8864-8864.	14.5	57
75	CD1 Antigen Presentation by Human Dendritic Cells as a Target for Herpes Simplex Virus Immune Evasion. <i>Journal of Immunology</i> , 2006, 177, 6207-6214.	0.8	57
76	Purification and proteomics of pathogen-modified vacuoles and membranes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 48.	3.9	56
77	The IFN-Inducible Golgi- and Endoplasmic Reticulum- Associated 47-kDa GTPase IIGP Is Transiently Expressed During Listeriosis. <i>Journal of Immunology</i> , 2002, 168, 3428-3436.	0.8	55
78	Expression of Endothelial Cell Adhesion Molecules in Joints and Heart during <i>Borrelia burgdorferi</i> Infection of Mice. <i>Cell Adhesion and Communication</i> , 1994, 2, 465-479.	1.7	50
79	Why intracellular parasitism need not be a degrading experience for <i>Mycobacterium</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1997, 352, 1303-1310.	4.0	46
80	IL-17A promotes macrophage effector mechanisms against <i>Trypanosoma cruzi</i> by trapping parasites in the endolysosomal compartment. <i>Immunobiology</i> , 2013, 218, 910-923.	1.9	46
81	TB sequel: incidence, pathogenesis and risk factors of long-term medical and social sequelae of pulmonary TB – a study protocol. <i>BMC Pulmonary Medicine</i> , 2019, 19, 4.	2.0	45
82	Viral danger signals control CD1d <i>de novo</i> synthesis and NKT cell activation. <i>European Journal of Immunology</i> , 2008, 38, 668-679.	2.9	40
83	Mincle-mediated anti-inflammatory IL-10 response counter-regulates IL-12 <i>in vitro</i> . <i>Innate Immunity</i> , 2016, 22, 181-185.	2.4	39
84	Analysis of Phylogenetic Variation of <i>Stenotrophomonas maltophilia</i> Reveals Human-Specific Branches. <i>Frontiers in Microbiology</i> , 2018, 9, 806.	3.5	39
85	No life without death – apoptosis as prerequisite for T cell activation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 707-715.	4.9	38
86	Fluorescent 3-hydroxy-4-pyridinone hexadentate iron chelators: intracellular distribution and the relevance to antimycobacterial properties. <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 861-877.	2.6	38
87	Monitoring intracellular labile iron pools: A novel fluorescent iron(III) sensor as a potential non-invasive diagnosis tool. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 2212-2226.	3.3	37
88	WASH-driven actin polymerization is required for efficient mycobacterial phagosome maturation arrest. <i>Cellular Microbiology</i> , 2014, 16, 232-246.	2.1	37
89	Natural killer cell characterization through gene expression profiling: an account of versatility bridging T helper type 1 (Th1), Th2 and Th17 immune responses. <i>Immunology</i> , 2008, 123, 45-56.	4.4	36
90	Trehalose dimycolate interferes with FcγR-mediated phagosome maturation through Mincle, SHP-1 and FcγRIIB signalling. <i>PLoS ONE</i> , 2017, 12, e0174973.	2.5	36

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91	A 14,000 MW lipoprotein and a glycolipid-like structure of <i>Borrelia burgdorferi</i> induce proliferation and immunoglobulin production in mouse B cells at high frequencies. <i>Immunology</i> , 1994, 82, 389-96.	4.4	36
92	CD1 and CD1-restricted T cells in infections with intracellular bacteria. <i>Trends in Microbiology</i> , 2000, 8, 419-425.	7.7	35
93	Targeting neutrophils for host-directed therapy to treat tuberculosis. <i>International Journal of Medical Microbiology</i> , 2018, 308, 142-147.	3.6	35
94	CD1 molecules and CD1-dependent T cells in bacterial infections: a link from innate to acquired immunity?. <i>Seminars in Immunology</i> , 2000, 12, 527-535.	5.6	33
95	An improved strategy for selective and efficient enrichment of integral plasma membrane proteins of mycobacteria. <i>Proteomics</i> , 2007, 7, 1687-1701.	2.2	33
96	Perspectives for personalized therapy for patients with multidrug-resistant tuberculosis. <i>Journal of Internal Medicine</i> , 2018, 284, 163-188.	6.0	33
97	Parasitophorous vacuoles of <i>Leishmania mexicana</i> acquire macromolecules from the host cell cytosol via two independent routes. <i>Journal of Cell Science</i> , 1999, 112 ( Pt 5), 681-93.	2.0	32
98	Lyme carditis in immunodeficient mice during experimental infection of <i>Borrelia burgdorferi</i> . <i>Virchows Archiv A, Pathological Anatomy and Histopathology</i> , 1990, 417, 129-135.	1.4	30
99	Lysosomal phospholipase A <sub>2</sub> : A novel player in host immunity to <i>Mycobacterium tuberculosis</i> . <i>European Journal of Immunology</i> , 2014, 44, 2394-2404.	2.9	30
100	Isoniazid@Fe <sub>2</sub> O <sub>3</sub> Nanocontainers and Their Antibacterial Effect on Tuberculosis Mycobacteria. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12597-12601.	13.8	30
101	Protein identification and tracking in two-dimensional electrophoretic gels by minimal protein identifiers. <i>Proteomics</i> , 2004, 4, 2927-2941.	2.2	29
102	Natural Transmission of <i>Plasmodium berghei</i> Exacerbates Chronic Tuberculosis in an Experimental Co-Infection Model. <i>PLoS ONE</i> , 2012, 7, e48110.	2.5	27
103	A novel method for non-transferrin-bound iron quantification by chelatable fluorescent beads based on flow cytometry. <i>Biochemical Journal</i> , 2014, 463, 351-362.	3.7	27
104	Phenotypic Heterogeneity Affects <i>Stenotrophomonas maltophilia</i> K279a Colony Morphotypes and $\beta$ -Lactamase Expression. <i>Frontiers in Microbiology</i> , 2015, 6, 1373.	3.5	27
105	Strategies to Improve Vaccine Efficacy against Tuberculosis by Targeting Innate Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1755.	4.8	26
106	Therapies for tuberculosis and AIDS: myeloid-derived suppressor cells in focus. <i>Journal of Clinical Investigation</i> , 2020, 130, 2789-2799.	8.2	26
107	Isolation of RNA from mycobacteria grown under in vitro and in vivo conditions. <i>FEMS Microbiology Letters</i> , 2000, 186, 177-180.	1.8	23
108	Studies on early events of <i>Borrelia burgdorferi</i> -induced cytokine production in immunodeficient SCID mice by using a tissue chamber model for acute inflammation. <i>International Journal of Experimental Pathology</i> , 1995, 76, 111-23.	1.3	23



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109	Genetic Variants of the DSF Quorum Sensing System in <i>Stenotrophomonas maltophilia</i> Influence Virulence and Resistance Phenotypes Among Genotypically Diverse Clinical Isolates. <i>Frontiers in Microbiology</i> , 2020, 11, 1160.	3.5	22
110	IL-4 and T Cells Are Required for the Generation of IgG1 Isotype Antibodies Against Cardiolipin. <i>Journal of Immunology</i> , 2002, 168, 2689-2694.	0.8	21
111	Diversification of phagosome trafficking by pathogenic <i>Mycobacterium tuberculosis</i> depends on mycolic acid chain length. <i>Cellular Microbiology</i> , 2013, 15, 458-473.	2.1	21
112	The outer surface lipoprotein A of <i>Borrelia burgdorferi</i> provides direct and indirect augmenting/co-stimulatory signals for the activation of CD4+ and CD8+ T cells. <i>Immunology Letters</i> , 1995, 45, 137-142.	2.5	19
113	Immunomagnetic Isolation of Pathogen-Containing Phagosomes and Apoptotic Blebs from Primary Phagocytes. <i>Current Protocols in Immunology</i> , 2014, 105, 14.36.1-14.36.26.	3.6	17
114	WNT6/ACC2-induced storage of triacylglycerols in macrophages is exploited by <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	17
115	Early IL-4 induction in bone marrow lymphoid precursor cells by mycobacterial lipoarabinomannan. <i>Journal of Immunology</i> , 1998, 161, 5546-54.	0.8	16
116	Myositis in mice inoculated with <i>Borrelia burgdorferi</i> . <i>American Journal of Pathology</i> , 1991, 139, 1267-71.	3.8	15
117	Perspectives for systems biology in the management of tuberculosis. <i>European Respiratory Review</i> , 2021, 30, 200377.	7.1	13
118	An Experimental Model to Study Tuberculosis-Malaria Coinfection upon Natural Transmission of <i>Mycobacterium tuberculosis</i> and <i>Plasmodium berghei</i> . <i>Journal of Visualized Experiments</i> , 2014, , e50829.	0.3	12
119	Suppressor of Cytokine Signaling 3 in Macrophages Prevents Exacerbated Interleukin-6-Dependent Arginase-1 Activity and Early Permissiveness to Experimental Tuberculosis. <i>Frontiers in Immunology</i> , 2017, 8, 1537.	4.8	12
120	Phenotypic and Transcriptomic Analyses of Seven Clinical <i>Stenotrophomonas maltophilia</i> Isolates Identify a Small Set of Shared and Commonly Regulated Genes Involved in the Biofilm Lifestyle. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	12
121	In vivo virulence of <i>Mycobacterium tuberculosis</i> depends on a single homologue of the LytR-CpsA-Psr proteins. <i>Scientific Reports</i> , 2018, 8, 3936.	3.3	10
122	Zirconyl Hydrogenphosphate Nanocontainers for Flexible Transport and Release of Lipophilic Cytostatics, Insecticides, and Antibiotics. <i>Advanced Functional Materials</i> , 2019, 29, 1900543.	14.9	9
123	Differential Roles of the Calcium Ion Channel TRPV4 in Host Responses to <i>Mycobacterium tuberculosis</i> Early and Late in Infection. <i>iScience</i> , 2020, 23, 101206.	4.1	9
124	Tuberculostearic Acid-Containing Phosphatidylinositols as Markers of Bacterial Burden in Tuberculosis. <i>ACS Infectious Diseases</i> , 2022, 8, 1303-1315.	3.8	9
125	Mycobacterial proteomes. <i>Methods in Enzymology</i> , 2002, 358, 242-256.	1.0	8
126	Smear Microscopy for Diagnosis of Pulmonary Tuberculosis in Eastern Sudan. <i>Tuberculosis Research and Treatment</i> , 2018, 2018, 1-8.	0.6	7



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127	Enhanced tenacity of mycobacterial aerosols from necrotic neutrophils. <i>Scientific Reports</i> , 2020, 10, 9159.	3.3	7
128	Legionella transmission through cooling towers: towards better control and research of a neglected pathogen. <i>Lancet Respiratory Medicine</i> , 2019, 7, 378-380.	10.7	6
129	Multimodal X-ray imaging of nanocontainer-treated macrophages and calcium distribution in the periacetabular bone matrix. <i>Scientific Reports</i> , 2020, 10, 1784.	3.3	6
130	Isolation of RNA from mycobacteria grown under in vitro and in vivo conditions. <i>FEMS Microbiology Letters</i> , 2000, 186, 177-180.	1.8	6
131	A mouse model for <i>Borrelia burgdorferi</i> infection: pathogenesis, immune response and protection. <i>Behring Institute Mitteilungen</i> , 1991, , 59-67.	0.2	6
132	Deficiency of the Intramembrane Protease SPPL2a Alters Antimycobacterial Cytokine Responses of Dendritic Cells. <i>Journal of Immunology</i> , 2021, 206, 164-180.	0.8	5
133	The Attenuated <i>Brucella abortus</i> Strain 19 Invades, Persists in, and Activates Human Dendritic Cells, and Induces the Secretion of IL-12p70 but Not IL-23. <i>PLoS ONE</i> , 2013, 8, e65934.	2.5	5
134	Evaluation of Myeloperoxidase as Target for Host-Directed Therapy in Tuberculosis In Vivo. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2554.	4.1	5
135	Software-aided quality control of parallel reaction monitoring based quantitation of lipid mediators. <i>Analytica Chimica Acta</i> , 2018, 1037, 168-176.	5.4	4
136	Analysis of <i>Staphylococcus aureus</i> proteins secreted inside infected human epithelial cells. <i>International Journal of Medical Microbiology</i> , 2018, 308, 664-674.	3.6	4
137	Selective Targeting of Human and Animal Pathogens of the <i>Helicobacter</i> Genus by Flavodoxin Inhibitors: Efficacy, Synergy, Resistance and Mechanistic Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10137.	4.1	4
138	Editorial: Reassessing Twenty Years of Vaccine Development against Tuberculosis. <i>Frontiers in Immunology</i> , 2018, 9, 180.	4.8	3
139	Transport of Lipophilic Anti-Tuberculosis Drug Benzothiazone-43 in Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> Nanocontainers. <i>ChemNanoMat</i> , 2021, 7, 7-16.	2.8	3
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