Norbert Reiling

List of Publications by Year
in descending order

93 papers	6,141 citations	101496 36 h-index	71651 76 g-index
97 all docs	97 docs citations	97 times ranked	9615 citing authors

#	Article	IF	Citations
1	Immune-responsive gene 1 protein links metabolism to immunity by catalyzing itaconic acid production. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7820-7825.	3.3	765
2	Sarcoidosis is associated with a truncating splice site mutation in BTNL2. Nature Genetics, 2005, 37, 357-364.	9.4	451
3	Cutting Edge: Toll-Like Receptor (TLR)2- and TLR4-Mediated Pathogen Recognition in Resistance to Airborne Infection with <i>Mycobacterium tuberculosis</i>. Journal of Immunology, 2002, 169, 3480-3484.	0.4	411
4	The Wingless homolog WNT5A and its receptor Frizzled-5 regulate inflammatory responses of human mononuclear cells induced by microbial stimulation. Blood, 2006, 108, 965-973.	0.6	333
5	Common patterns and disease-related signatures in tuberculosis and sarcoidosis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7853-7858.	3.3	306
6	Viral protein R regulates nuclear import of the HIV-1 pre-integration complex. EMBO Journal, 1998, 17, 909-917.	3.5	295
7	Tumorâ€associated macrophages exhibit proâ€•and antiâ€inflammatory properties by which they impact on pancreatic tumorigenesis. International Journal of Cancer, 2014, 135, 843-861.	2.3	216
8	Nitric oxide synthase: MRNA expression of different isoforms in human monocytes/macrophages. European Journal of Immunology, 1994, 24, 1941-1944.	1.6	212
9	The Major Surface Protein of <i>Wolbachia</i> Endosymbionts in Filarial Nematodes Elicits Immune Responses through TLR2 and TLR4. Journal of Immunology, 2004, 173, 437-445.	0.4	185
10	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.	1.6	158
11	Wnt signaling in macrophages: Augmenting and inhibiting mycobacteria-induced inflammatory responses. European Journal of Cell Biology, 2011, 90, 553-559.	1.6	156
12	Intracellular Survival of Leishmania major in Neutrophil Granulocytes after Uptake in the Absence of Heat-Labile Serum Factors. Infection and Immunity, 2002, 70, 826-835.	1.0	149
13	Clade-Specific Virulence Patterns of Mycobacterium tuberculosis Complex Strains in Human Primary Macrophages and Aerogenically Infected Mice. MBio, 2013, 4, .	1.8	136
14	Differential expression and function of CD80 (B7â€1) and CD86 (B7â€2) on human peripheral blood monocytes. Immunology, 1996, 89, 592-598.	2.0	125
15	Mycobacteria-Induced TNF-Î± and IL-10 Formation by Human Macrophages Is Differentially Regulated at the Level of Mitogen-Activated Protein Kinase Activity. Journal of Immunology, 2001, 167, 3339-3345.	0.4	123
16	Frizzled1 is a marker of inflammatory macrophages, and its ligand Wnt3a is involved in reprogramming<i>Mycobacterium tuberculosis</i>â€infected macrophages. FASEB Journal, 2010, 24, 4599-4612.	0.2	119
17	The MspA porin promotes growth and increases antibiotic susceptibility of both Mycobacterium bovis BCG and Mycobacterium tuberculosis. Microbiology (United Kingdom), 2004, 150, 853-864.	0.7	97
18	Platelet Factor 4/CXCL4 Induces Phagocytosis and the Generation of Reactive Oxygen Metabolites in Mononuclear Phagocytes Independently of Gi Protein Activation or Intracellular Calcium Transients. Journal of Immunology, 2004, 173, 2060-2067.	0.4	92

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19	Decreased Pathology and Prolonged Survival of Human DC-SIGN Transgenic Mice during Mycobacterial Infection. Journal of Immunology, 2008, 180, 6836-6845.	0.4	80
20	Nitric oxide synthase: expression of the endothelial, Ca2+/calmodulin-dependent isoform in human B and T lymphocytes. European Journal of Immunology, 1996, 26, 511-516.	1.6	75
21	Susceptibility to tuberculosis is associated with TLR1 polymorphisms resulting in a lack of TLR1 cell surface expression. Journal of Leukocyte Biology, 2011, 90, 377-388.	1.5	71
22	Isolation of Human Monocytes by Double Gradient Centrifugation and Their Differentiation to Macrophages in Teflon-coated Cell Culture Bags. Journal of Visualized Experiments, 2014, , e51554.	0.2	69
23	Lipopolysaccharide Inhibits HIV-1 Infection of Monocyte- Derived Macrophages Through Direct and Sustained Down-Regulation of CC Chemokine Receptor 5. Journal of Immunology, 2000, 164, 2592-2601.	0.4	66
24	Wnt6 Is Expressed in Granulomatous Lesions of <i>Mycobacterium tuberculosis</i>â€"Infected Mice and Is Involved in Macrophage Differentiation and Proliferation. Journal of Immunology, 2013, 191, 5182-5195.	0.4	66
25	The bacillary and macrophage response to hypoxia in tuberculosis and the consequences for T cell antigen recognition. Microbes and Infection, 2017, 19, 177-192.	1.0	66
26	MyDths and un-TOLLed truths: Sensor, instructive and effector immunity to tuberculosis. Immunology Letters, 2008, 116, 15-23.	1.1	61
27	Control of Mycobacterial Replication in Human Macrophages: Roles of Extracellular Signal-Regulated Kinases 1 and 2 and p38 Mitogen-Activated Protein Kinase Pathways. Infection and Immunity, 2002, 70, 4961-4967.	1.0	59
28	The induction of bacillus-Calmette-Guï¿½rin-activated killer cells requires the presence of monocytes and T-helper type-1 cells. Cancer Immunology, Immunotherapy, 1995, 40, 103-108.	2.0	55
29	Common and Unique Gene Expression Signatures of Human Macrophages in Response to Four Strains of Mycobacterium avium That Differ in Their Growth and Persistence Characteristics. Infection and Immunity, 2005, 73, 3330-3341.	1.0	55
30	Identification of Candida glabrata Genes Involved in pH Modulation and Modification of the Phagosomal Environment in Macrophages. PLoS ONE, 2014, 9, e96015.	1.1	54
31	Soluble Interleukin (IL)-15RÎ± Is Generated by Alternative Splicing or Proteolytic Cleavage and Forms Functional Complexes with IL-15. Journal of Biological Chemistry, 2007, 282, 13167-13179.	1.6	53
32	Pentoxifylline: a potent inhibitor of IL-2 and IFN-gamma biosynthesis and BCG-induced cytotoxicity. Immunology, 1993, 80, 151-6.	2.0	53
33	Dynamic Growth and Shrinkage of the Salmonella-Containing Vacuole Determines the Intracellular Pathogen Niche. Cell Reports, 2019, 29, 3958-3973.e7.	2.9	51
34	Mycobacteria infect different cell types in the human lung and cause species dependent cellular changes in infected cells. BMC Pulmonary Medicine, 2016, 16, 19.	0.8	49
35	Caspase Inhibition Blocks Human T Cell Proliferation by Suppressing Appropriate Regulation of IL-2, CD25, and Cell Cycle-Associated Proteins. Journal of Immunology, 2004, 173, 5077-5085.	0.4	47
36	<i>Leishmania major</i>parasite stageâ€dependent host cell invasion and immune evasion. FASEB Journal, 2012, 26, 29-39.	0.2	47

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37	CD14 is required for influenza A virus-induced cytokine and chemokine production. Immunobiology, 2004, 209, 3-10.	0.8	42
38	Discovery of novel N- phenyl 1,4-dihydropyridines with a dual mode of antimycobacterial activity. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5896-5898.	1.0	27
39	Wnt Signaling in Chronic Rhinosinusitis with Nasal Polyps. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 575-584.	1.4	27
40	The role of endoplasmic reticulum-related BiP/GRP78 in interferon gamma-induced persistentChlamydia pneumoniaeinfection. Cellular Microbiology, 2015, 17, 923-934.	1.1	26
41	The Multi-Modal Effect of the Anti-fibrotic Drug Pirfenidone on NSCLC. Frontiers in Oncology, 2019, 9, 1550.	1.3	26
42	Potential Role for IL-2 ELISpot in Differentiating Recent and Remote Infection in Tuberculosis Contact Tracing. PLoS ONE, 2010, 5, e11670.	1.1	25
43	The Wnt Blows: On the Functional Role of Wnt Signaling in Mycobacterium tuberculosis Infection and Beyond. Frontiers in Immunology, 2016, 7, 635.	2.2	25
44	Cox-2 inhibition abrogates Chlamydia pneumoniae-induced PGE2 and MMP-1 expression. Biochemical and Biophysical Research Communications, 2004, 320, 738-744.	1.0	24
45	Lipidâ€Labeling Facilitates a Novel Magnetic Isolation Procedure to Characterize Pathogenâ€Containing Phagosomes. Traffic, 2013, 14, 321-336.	1.3	23
46	Shigella hijacks the exocyst to cluster macropinosomes for efficient vacuolar escape. PLoS Pathogens, 2020, 16, e1008822.	2.1	23
47	Hit-optimization using target-directed dynamic combinatorial chemistry: development of inhibitors of the anti-infective target 1-deoxy-<scp>d</scp>-xylulose-5-phosphate synthase. Chemical Science, 2021, 12, 7775-7785.	3.7	21
48	PROPERTIES OF MULTINUCLEATED GIANT CELLS IN A NEWIN VITRO MODEL FOR HUMAN GRANULOMA FORMATION. , 1997, 182, 99-105.		20
49	The Generation of Programmable Cells of Monocytic Origin Involves Partial Repression of Monocyte/Macrophage Markers and Reactivation of Pluripotency Genes. Stem Cells and Development, 2010, 19, 1769-1780.	1.1	20
50	Pulmonary Haptoglobin and CD163 Are Functional Immunoregulatory Elements in the Human Lung. Respiration, 2012, 83, 61-73.	1.2	20
51	BCG Vaccination Induces Robust CD4+ T Cell Responses to <i>Mycobacterium tuberculosis</i> Complexâ€"Specific Lipopeptides in Guinea Pigs. Journal of Immunology, 2016, 196, 2723-2732.	0.4	20
52	Biological activity and stability analyses of knipholone anthrone, a phenyl anthraquinone derivative isolated from Kniphofia foliosa Hochst.. Journal of Pharmaceutical and Biomedical Analysis, 2019, 174, 277-285.	1.4	20
53	Complex Encounters at the Macrophage-Mycobacterium Interface: Studies on the Role of the Mannose Receptor and CD14 in Experimental Infection Models with Mycobacterium Avium. Immunobiology, 2001, 204, 558-571.	0.8	19
54	Human lysosomal acid lipase inhibitor lalistat impairs Mycobacterium tuberculosis growth by targeting bacterial hydrolases. MedChemComm, 2016, 7, 1797-1801.	3.5	18

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55	Cathelicidin Contributes to the Restriction of Leishmania in Human Host Macrophages. Frontiers in Immunology, 2019, 10, 2697.	2.2	18
56	Mitogen-activated protein kinases p38 and ERK1/2 regulated control of<i>Mycobacterium avium</i>replication in primary murine macrophages is independent of tumor necrosis factor-Î± and interleukin-10. Innate Immunity, 2011, 17, 470-485.	1.1	17
57	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
58	Azido Pentoses: A New Tool To Efficiently Label <i>Mycobacterium tuberculosis</i> Clinical Isolates. ChemBioChem, 2017, 18, 1172-1176.	1.3	17
59	WNT6/ACC2-induced storage of triacylglycerols in macrophages is exploited by Mycobacterium tuberculosis. Journal of Clinical Investigation, 2021, 131, .	3.9	17
60	Mycobacteriaâ€induced granuloma necrosis depends on IRFâ€1. Journal of Cellular and Molecular Medicine, 2009, 13, 2069-2082.	1.6	16
61	TLR1 Variant H305L Associated with Protection from Pulmonary Tuberculosis. PLoS ONE, 2016, 11, e0156046.	1.1	15
62	Shaping the niche in macrophages: Genetic diversity of the M. tuberculosis complex and its consequences for the infected host. International Journal of Medical Microbiology, 2018, 308, 118-128.	1.5	14
63	Structure-Activity Relationships of Wollamide Cyclic Hexapeptides with Activity against Drug-Resistant and Intracellular <i>Mycobacterium tuberculosis</i>. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	12
64	Dually Acting Nonclassical 1,4-Dihydropyridines Promote the Anti-Tuberculosis (Tb) Activities of Clofazimine. Molecules, 2019, 24, 2873.	1.7	11
65	Structure and Function of an Elongation Factor P Subfamily in Actinobacteria. Cell Reports, 2020, 30, 4332-4342.e5.	2.9	11
66	Mycobacterium avium infection in CD14-deficient mice fails to substantiate a significant role for CD14 in antimycobacterial protection or granulomatous inflammation. Immunology, 2001, 103, 113-121.	2.0	9
67	Capsular Arabinomannans from Mycobacterium avium with Morphotype-specific Structural Differences but Identical Biological Activity. Journal of Biological Chemistry, 2007, 282, 19103-19112.	1.6	9
68	Differential Roles of the Calcium Ion Channel TRPV4 in Host Responses to Mycobacterium tuberculosis Early and Late in Infection. IScience, 2020, 23, 101206.	1.9	9
69	Therapeutical Administration of Peptide Pep19-2.5 and Ibuprofen Reduces Inflammation and Prevents Lethal Sepsis. PLoS ONE, 2015, 10, e0133291.	1.1	9
70	Tuberculostearic Acid-Containing Phosphatidylinositols as Markers of Bacterial Burden in Tuberculosis. ACS Infectious Diseases, 2022, 8, 1303-1315.	1.8	9
71	Influence of serum on the immune recognition of a synthetic lipopeptide mimetic of the 19-kDa lipoprotein from Mycobacterium tuberculosis. Innate Immunity, 2010, 16, 213-225.	1.1	8
72	Surfactant Protein A Enhances Constitutive Immune Functions of Clathrin Heavy Chain and Clathrin Adaptor Protein 2. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 92-104.	1.4	8

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73	Pulmonary immune responses to Mycobacterium tuberculosis in exposed individuals. PLoS ONE, 2017, 12, e0187882.	1.1	8
74	Inactivation of Bacteria by Î³-Irradiation to Investigate the Interaction with Antimicrobial Peptides. Biophysical Journal, 2019, 117, 1805-1819.	0.2	8
75	Theileria annulata surface protein (TaSP) is a target of cyclinâ€dependent kinase 1 phosphorylation in Theileria annulataâ€infected cells. Transboundary and Emerging Diseases, 2020, 67, 40-55.	1.3	8
76	Anti-Infective and Anti-Inflammatory Mode of Action of Peptide 19-2.5. International Journal of Molecular Sciences, 2021, 22, 1465.	1.8	8
77	Mycobacterium Tuberculosis-Induced Cell Death of Primary Human Monocytes and Macrophages Is Not Significantly Modulated by Tumor Necrosis Factor-Targeted Biologicals. Journal of Investigative Dermatology Symposium Proceedings, 2007, 12, 26-33.	0.8	7
78	Discovery of Novel Enhancers of Isoniazid Toxicity in Mycobacterium tuberculosis. Molecules, 2018, 23, 825.	1.7	7
79	Lectins ofMycobacterium tuberculosisâ€" rarely studied proteins. Beilstein Journal of Organic Chemistry, 2019, 15, 1-15.	1.3	7
80	High Plasticity of the Amicetin Biosynthetic Pathway in <i>Streptomyces</i> sp. SHP 22-7 Led to the Discovery of Streptcytosine P and Cytosaminomycins F and G and Facilitated the Production of 12F-Plicacetin. Journal of Natural Products, 2022, 85, 530-539.	1.5	6
81	Mycobacterium Growth Inhibition Assay of Human Alveolar Macrophages as a Correlate of Immune Protection Following Mycobacterium bovis Bacille Calmetteâ€"GuÃ©rin Vaccination. Frontiers in Immunology, 2018, 9, 1708.	2.2	5
82	Measurement of eNOS and iNOS mRNA Expression Using Reverse Transcription Polymerase Chain Reaction. , 1998, 100, 155-162.		3
83	Sub-Lineage Specific Phenolic Glycolipid Patterns in the Mycobacterium tuberculosis Complex Lineage 1. Frontiers in Microbiology, 2022, 13, 832054.	1.5	3
84	Lipobiotin-capture magnetic bead assay for isolation, enrichment and detection of Mycobacterium tuberculosis from saliva. PLoS ONE, 2022, 17, e0265554.	1.1	3
85	Design, synthesis and evaluation of biological activities of some novel anti-TB agents with bio-reducible functional group. BioImpacts, 2019, 9, 199-209.	0.7	2
86	Measuring Immune Responses In Vivo. Methods in Microbiology, 2010, 37, 227-269.	0.4	1
87	Soluble interleukin (IL)-15RÎ± is generated by alternative splicing or proteolytic cleavage and forms functional complexes with IL-15.. Journal of Biological Chemistry, 2011, 286, 5934.	1.6	1
88	Peripheral Blood Monocytes Can Be Induced to Acquire Stem Cell-Like Properties. , 2012, , 367-375.		0
89	Rothenfels Castle â€•the place to be for immunology of infection. European Journal of Immunology, 2018, 48, 1094-1095.	1.6	0
90	Shigella hijacks the exocyst to cluster macropinosomes for efficient vacuolar escape. , 2020, 16, e1008822.		0

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91	Shigella hijacks the exocyst to cluster macropinosomes for efficient vacuolar escape. , 2020, 16, e1008822.		0
92	Shigella hijacks the exocyst to cluster macropinosomes for efficient vacuolar escape. , 2020, 16, e1008822.		0
93	Shigella hijacks the exocyst to cluster macropinosomes for efficient vacuolar escape. , 2020, 16, e1008822.		0