Robert S Wallis

List of Publications by Year
in descending order

105 papers	8,957 citations	41258 49 h-index	42291 92 g-index
107 all docs	107 docs citations	107 times ranked	8095 citing authors

#	Article	IF	Citations
1	Host-directed immunotherapy of viral and bacterial infections: past, present and future. Nature Reviews Immunology, 2023, 23, 121-133.	10.6	71
2	Lung and blood early biomarkers for host-directed tuberculosis therapies: Secondary outcome measures from a randomized controlled trial. PLoS ONE, 2022, 17, e0252097.	1.1	4
3	Quantitative Systems Pharmacology Modeling Framework of Autophagy in Tuberculosis: Application to Adjunctive Metformin Host-Directed Therapy. Antimicrobial Agents and Chemotherapy, 2022, 66, .	1.4	2
4	Mycobacterial Growth Inhibition Assay (MGIA) as a Host Directed Diagnostic Tool for the Evaluation of the Immune Response in Subjects Living With Type 2 Diabetes Mellitus. Frontiers in Cellular and Infection Microbiology, 2021, 11, 640707.	1.8	2
5	Adjunctive host-directed therapies for pulmonary tuberculosis: a prospective, open-label, phase 2, randomised controlled trial. Lancet Respiratory Medicine,the, 2021, 9, 897-908.	5.2	64
6	Clinical Trials of TB-HDT Candidates. , 2021, , 285-293.		0
7	Lifetime burden of disease due to incident tuberculosis: a global reappraisal including post-tuberculosis sequelae. The Lancet Global Health, 2021, 9, e1679-e1687.	2.9	74
8	Protein binding of rifampicin is not saturated when using high-dose rifampicin. Journal of Antimicrobial Chemotherapy, 2019, 74, 986-990.	1.3	13
9	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.	0.8	45
10	Pan-tuberculosis regimens: an argument for. Lancet Respiratory Medicine,the, 2018, 6, 239-240.	5.2	16
11	A patient-level pooled analysis of treatment-shortening regimens for drug-susceptible pulmonary tuberculosis. Nature Medicine, 2018, 24, 1708-1715.	15.2	219
12	Mycobactericidal activity of bedaquiline plus rifabutin or rifampin in ex vivo whole blood cultures of healthy volunteers: A randomized controlled trial. PLoS ONE, 2018, 13, e0196756.	1.1	6
13	Immunological mechanisms of human resistance to persistent Mycobacterium tuberculosis infection. Nature Reviews Immunology, 2018, 18, 575-589.	10.6	241
14	High-dose rifampicin, moxifloxacin, and SQ109 for treating tuberculosis: a multi-arm, multi-stage randomised controlled trial. Lancet Infectious Diseases, The, 2017, 17, 39-49.	4.6	294
15	Application of a whole blood mycobacterial growth inhibition assay to study immunity against Mycobacterium tuberculosis in a high tuberculosis burden population. PLoS ONE, 2017, 12, e0184563.	1.1	14
16	Mathematical Models of Tuberculosis Reactivation and Relapse. Frontiers in Microbiology, 2016, 7, 669.	1.5	29
17	Vitamin D as Adjunctive Host-Directed Therapy in Tuberculosis: A Systematic Review. Open Forum Infectious Diseases, 2016, 3, ofw151.	0.4	31
18	Cardiac safety of extensively drug-resistant tuberculosis regimens including bedaquiline, delamanid and clofazimine. European Respiratory Journal, 2016, 48, 1526-1527.	3.1	36

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19	Safety and Immunogenicity of the Recombinant BCG Vaccine AERAS-422 in Healthy BCG-naÃ¯ve Adults: A Randomized, Active-controlled, First-in-human Phase 1 Trial. EBioMedicine, 2016, 7, 278-286.	2.7	50
20	Tuberculosisâ€"advances in development of new drugs, treatment regimens, host-directed therapies, and biomarkers. Lancet Infectious Diseases, The, 2016, 16, e34-e46.	4.6	223
21	Host-directed therapies for infectious diseases: current status, recent progress, and future prospects. Lancet Infectious Diseases, The, 2016, 16, e47-e63.	4.6	265
22	Activity of nitazoxanide and tizoxanide against Mycobacterium tuberculosis inÂvitro and in whole blood culture. Tuberculosis, 2016, 98, 92-96.	0.8	17
23	Sputum culture conversion in new TB regimens. Lancet Respiratory Medicine,the, 2015, 3, e18-e19.	5.2	2
24	Towards host-directed therapies for tuberculosis. Nature Reviews Drug Discovery, 2015, 14, 511-512.	21.5	110
25	Sputum culture conversion as a tuberculosis biomarker: a glass half empty or half full?. Lancet Respiratory Medicine,the, 2015, 3, 174-175.	5.2	5
26	Advancing host-directed therapy for tuberculosis. Nature Reviews Immunology, 2015, 15, 255-263.	10.6	276
27	Early Biomarkers and Regulatory Innovation in Multidrug-Resistant Tuberculosis. Clinical Infectious Diseases, 2015, 61, S160-S163.	2.9	10
28	Month 2 Culture Status and Treatment Duration as Predictors of Recurrence in Pulmonary Tuberculosis: Model Validation and Update. PLoS ONE, 2015, 10, e0125403.	1.1	46
29	Corticosteroid Effects on Sputum Culture in Pulmonary Tuberculosis: A Meta-Regression Analysis. Open Forum Infectious Diseases, 2014, 1, ofu020.	0.4	15
30	Mycobactericidal Activity of Sutezolid (PNU-100480) in Sputum (EBA) and Blood (WBA) of Patients with Pulmonary Tuberculosis. PLoS ONE, 2014, 9, e94462.	1.1	121
31	Population Pharmacokinetic/Pharmacodynamic Analysis of the Bactericidal Activities of Sutezolid (PNU-100480) and Its Major Metabolite against Intracellular Mycobacterium tuberculosis in Ex Vivo Whole-Blood Cultures of Patients with Pulmonary Tuberculosis. Antimicrobial Agents and Chemotherapy, 2014, 58, 3306-3311.	1.4	46
32	Lack of a Therapeutic Role for Interferon Â in Patients With Tuberculosis. Journal of Infectious Diseases, 2014, 209, 627-628.	1.9	8
33	Inhibition of Mycobacterial GrowthIn Vitrofollowing Primary but Not Secondary Vaccination with Mycobacterium bovis BCG. Vaccine Journal, 2013, 20, 1683-1689.	3.2	85
34	Early bactericidal activity of new drug regimens for tuberculosis. Lancet, The, 2013, 381, 111-112.	6.3	7
35	Tuberculosis biomarkers discovery: developments, needs, and challenges. Lancet Infectious Diseases, The, 2013, 13, 362-372.	4.6	208
36	Sustainable Tuberculosis Drug Development. Clinical Infectious Diseases, 2013, 56, 106-113.	2.9	27

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37	Application of a Stochastic Modeling to Assess the Evolution of Tuberculous and Non-Tuberculous Mycobacterial Infection in Patients Treated with Tumor Necrosis Factor Inhibitors. PLoS ONE, 2013, 8, e55017.	1.1	13
38	Month 2 Culture Status and Treatment Duration as Predictors of Tuberculosis Relapse Risk in a Meta-Regression Model. PLoS ONE, 2013, 8, e71116.	1.1	58
39	Sterilizing Activities of Novel Combinations Lacking First- and Second-Line Drugs in a Murine Model of Tuberculosis. Antimicrobial Agents and Chemotherapy, 2012, 56, 3114-3120.	1.4	138
40	Rapid Evaluation in Whole Blood Culture of Regimens for XDR-TB Containing PNU-100480 (Sutezolid), TMC207, PA-824, SQ109, and Pyrazinamide. PLoS ONE, 2012, 7, e30479.	1.1	63
41	SQ109 and PNU-100480 interact to kill Mycobacterium tuberculosis in vitro. Journal of Antimicrobial Chemotherapy, 2012, 67, 1163-1166.	1.3	42
42	Biologics and Infections: Lessons from Tumor Necrosis Factor Blocking Agents. Infectious Disease Clinics of North America, 2011, 25, 895-910.	1.9	36
43	Chapter 22: Assessment of Whole-Blood Bactericidal Activity in the Evaluation of New Antituberculosis Drugs. Progress in Respiratory Research, 2011, , 220-226.	0.1	2
44	Biomarker-Assisted Dose Selection for Safety and Efficacy in Early Development of PNU-100480 for Tuberculosis. Antimicrobial Agents and Chemotherapy, 2011, 55, 567-574.	1.4	115
45	Pharmacokinetics and Wholeâ€Blood Bactericidal Activity againstMycobacterium tuberculosisof Single Doses of PNUâ€100480 in Healthy Volunteers. Journal of Infectious Diseases, 2010, 202, 745-751.	1.9	95
46	Treatment of HIVâ€Related Inflammatory Cerebral Cryptococcoma with Adalimumab. Clinical Infectious Diseases, 2010, 50, e7-e10.	2.9	54
47	The risk of tuberculosis related to tumour necrosis factor antagonist therapies: a TBNET consensus statement. European Respiratory Journal, 2010, 36, 1185-1206.	3.1	444
48	Pulmonary Infectious Complications of Tumor Necrosis Factor Blockade. Infectious Disease Clinics of North America, 2010, 24, 681-692.	1.9	13
49	Biomarkers and diagnostics for tuberculosis: progress, needs, and translation into practice. Lancet, The, 2010, 375, 1920-1937.	6.3	404
50	Biomarkers for tuberculosis disease activity, cure, and relapse â€“ Authors' reply. Lancet Infectious Diseases, The, 2010, 10, 70-71.	4.6	7
51	Biomarkers for tuberculosis disease activity, cure, and relapse. Lancet Infectious Diseases, The, 2010, 10, 68-69.	4.6	64
52	Significance of Early Secreted Antigenic Target 6â€“Specific T Cell Depletion after HIVâ€1 Infection. Journal of Infectious Diseases, 2009, 200, 158-158.	1.9	0
53	Adalimumab Treatment of Lifeâ€Threatening Tuberculosis. Clinical Infectious Diseases, 2009, 48, 1429-1432.	2.9	113
54	Strain specificity of antimycobacterial immunity in whole blood culture after cure of tuberculosis. Tuberculosis, 2009, 89, 221-224.	0.8	14

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55	Biomarkers for tuberculosis disease activity, cure, and relapse. Lancet Infectious Diseases, The, 2009, 9, 162-172.	4.6	164
56	Biomarkers of Disease Activity, Cure, and Relapse in Tuberculosis. Clinics in Chest Medicine, 2009, 30, 783-796.	0.8	20
57	Advances in Immunotherapy for Tuberculosis Treatment. Clinics in Chest Medicine, 2009, 30, 769-782.	0.8	54
58	Biomarkers for tuberculosis disease status and diagnosis. Current Opinion in Pulmonary Medicine, 2009, 15, 181-187.	1.2	60
59	Infectious complications of tumor necrosis factor blockade. Current Opinion in Infectious Diseases, 2009, 22, 403-409.	1.3	78
60	Mathematical modeling of the cause of tuberculosis during tumor necrosis factor blockade. Arthritis and Rheumatism, 2008, 58, 947-952.	6.7	54
61	Acquired rifamycin resistance: pharmacology and biology. Expert Review of Anti-Infective Therapy, 2008, 6, 223-230.	2.0	5
62	Tumour necrosis factor antagonists: structure, function, and tuberculosis risks. Lancet Infectious Diseases, The, 2008, 8, 601-611.	4.6	265
63	Therapeutic Use of Infliximab in Tuberculosis to Control Severe Paradoxical Reaction of the Brain and Lymph Nodes. Clinical Infectious Diseases, 2008, 47, e83-e85.	2.9	159
64	Mycobacterial Disease Attributable to Tumor Necrosis Factorâ€“Î± Blockers. Clinical Infectious Diseases, 2008, 47, 1603-1605.	2.9	8
65	Surrogate markers to assess new therapies for drug-resistant tuberculosis. Expert Review of Anti-Infective Therapy, 2007, 5, 163-168.	2.0	9
66	Persistence, Not Resistance, Is the Cause of Loss of Isoniazid Effect. Journal of Infectious Diseases, 2007, 195, 1870-1871.	1.9	17
67	Corticosteroids and HIV infection: a review of experience. Current Opinion in HIV and AIDS, 2007, 2, 213-218.	1.5	2
68	Bactericidal activity of OPC-67683 against drug-tolerant Mycobacterium tuberculosis. Journal of Antimicrobial Chemotherapy, 2007, 60, 994-998.	1.3	55
69	Structuralâ€“Functional Relationships of TNF-Alpha Antagonists: Next Steps. Journal of Investigative Dermatology Symposium Proceedings, 2007, 12, 46-47.	0.8	0
70	Reactivation of Latent Tuberculosis by TNF Blockade: The Role of Interferon Î³. Journal of Investigative Dermatology Symposium Proceedings, 2007, 12, 16-21.	0.8	53
71	Here Todayâ€”Gone Tomorrow: The Case for Transient Acute Tuberculosis Infection. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 734-735.	2.5	39
72	Tumor necrosis factor-Î± inhibitors and granulomatous infectious. Drug Discovery Today Disease Mechanisms, 2006, 3, 295-300.	0.8	2

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73	Glutathione and growth inhibition of Mycobacterium tuberculosis in healthy and HIV infected subjects. AIDS Research and Therapy, 2006, 3, 5.	0.7	39
74	Tumor Necrosis Factor Antagonists: Different Kinetics and/or Mechanisms of Action May Explain Differences in the Risk for Developing Granulomatous Infection. Seminars in Arthritis and Rheumatism, 2006, 36, 159-167.	1.6	207
75	Tumorâ€Necrosisâ€Factor Blockers: Differential Effects on Mycobacterial Immunity. Journal of Infectious Diseases, 2006, 194, 486-492.	1.9	169
76	Tumor necrosis factor and granuloma biology: Explaining the differential infection risk of etanercept and infliximab. Seminars in Arthritis and Rheumatism, 2005, 34, 34-38.	1.6	141
77	Reactivation of Latent Granulomatous Infections by Infliximab. Clinical Infectious Diseases, 2005, 41, S194-S198.	2.9	178
78	Immunoadjuvant Prednisolone Therapy for HIVâ€Associated Tuberculosis: A Phase 2 Clinical Trial in Uganda. Journal of Infectious Diseases, 2005, 191, 856-865.	1.9	137
79	Can Studies of the Early Bactericidal Activity of Rifapentine Tell Us How to Prevent Acquired Rifamycin-Resistant Relapse?. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 4-5.	2.5	2
80	Clinical, Microbiological, and Immunological Characteristics in HIV-Infected Subjects at Risk for DisseminatedMycobacterium aviumComplex Disease: An AACTG Study. AIDS Research and Human Retroviruses, 2005, 21, 689-695.	0.5	15
81	Reconsidering Adjuvant Immunotherapy for Tuberculosis. Clinical Infectious Diseases, 2005, 41, 201-208.	2.9	111
82	Survival and Replication of Clinical Mycobacterium tuberculosis Isolates in the Context of Human Innate Immunity. Infection and Immunity, 2005, 73, 2595-2601.	1.0	23
83	Anti-tuberculosis treatment and infliximab. Respiratory Medicine, 2005, 99, 1620-1622.	1.3	4
84	Granulomatous Infections Due to Tumor Necrosis Factor Blockade: Correction. Clinical Infectious Diseases, 2004, 39, 1254-1255.	2.9	215
85	Lack of Activity of Orally Administered Clofazimine against Intracellular Mycobacterium tuberculosis in Whole-Blood Culture. Antimicrobial Agents and Chemotherapy, 2004, 48, 3133-3135.	1.4	23
86	Granulomatous Infectious Diseases Associated with Tumor Necrosis Factor Antagonists. Clinical Infectious Diseases, 2004, 38, 1261-1265.	2.9	911
87	A study of the safety, immunology, virology, and microbiology of adjunctive etanercept in HIV-1-associated tuberculosis. Aids, 2004, 18, 257-264.	1.0	202
88	TB Chemotherapy. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 771-772.	2.5	8
89	Whole Blood Bactericidal Activity during Treatment of Pulmonary Tuberculosis. Journal of Infectious Diseases, 2003, 187, 270-278.	1.9	113
90	A Study of the Immunology, Virology, and Safety of Prednisone in HIV-1â€"Infected Subjects with CD4 Cell Counts of 200 to 700 mmâ^'3. Journal of Acquired Immune Deficiency Syndromes (1999), 2003, 32, 281-286.	0.9	46

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91	Bactericidal Activity in Whole Blood as a Potential Surrogate Marker of Immunity after Vaccination against Tuberculosis. Vaccine Journal, 2002, 9, 901-907.	3.2	57
92	Adult tuberculosis in the 21st century: pathogenesis, clinical features, and management. Current Opinion in Pulmonary Medicine, 2001, 7, 124-132.	1.2	11
93	Inhibition of Isoniazid-Induced Expression of Mycobacterium tuberculosis Antigen 85 in Sputum: Potential Surrogate Marker in Tuberculosis Chemotherapy Trials. Antimicrobial Agents and Chemotherapy, 2001, 45, 1302-1304.	1.4	32
94	Enhanced Production of Recombinant Mycobacterium tuberculosis Antigens in Escherichia coli by Replacement of Low-Usage Codons. Infection and Immunity, 2000, 68, 233-238.	1.0	61
95	Drug Tolerance in Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 1999, 43, 2600-2606.	1.4	115
96	Depressed Tâ€Cell Interferonâ€Î³ Responses in Pulmonary Tuberculosis: Analysis of Underlying Mechanisms and Modulation with Therapy. Journal of Infectious Diseases, 1999, 180, 2069-2073.	1.9	256
97	Induction of the Antigen 85 Complex ofMycobacterium tuberculosisin Sputum: A Determinant of Outcome in Pulmonary Tuberculosis Treatment. Journal of Infectious Diseases, 1998, 178, 1115-1121.	1.9	54
98	Measurement of Induced Cytokines in AIDS Clinical Trials Using Whole Blood: A Preliminary Report. Vaccine Journal, 1998, 5, 556-560.	2.6	13
99	High Incidence of Kaposi's Sarcomaâ€"Associated Herpesvirus and Epsteinâ€Barr Virus in Tumor Lesions and Peripheral Blood Mononuclear Cells from Patients with Kaposi's Sarcoma in Uganda. Journal of Infectious Diseases, 1997, 175, 947-950.	1.9	27
100	Cytokines and tuberculosis. Journal of Leukocyte Biology, 1994, 55, 676-681.	1.5	82
101	Duration of Fever during Treatment of Infective Endocarditis. Medicine (United States), 1992, 71, 52.	0.4	36
102	Probit: a computer program analysis. Journal of Immunological Methods, 1991, 145, 267-268.	0.6	15
103	T cell activation by mycobacterial antigens in inflammatory synovitis. Cellular Immunology, 1991, 133, 95-108.	1.4	23
104	Human Mycobacterium tuberculosis-reactive CD4+ T-cell clones: heterogeneity in antigen recognition, cytokine production, and cytotoxicity for mononuclear phagocytes. Infection and Immunity, 1991, 59, 2737-2743.	1.0	143
105	Dyscoordinate Expression of Tumor Necrosis Factor-alpha by Human Blood Monocytes and Alveolar Macrophages. The American Review of Respiratory Disease, 1989, 139, 1010-1016.	2.9	87