

W Henry Boom

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/364155/w-henry-boom-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67

papers

4,403

citations

36

h-index

66

g-index

70

ext. papers

5,440

ext. citations

9.4

avg, IF

5.04

L-index

#	Paper	IF	Citations
67	Inhibiting Mycobacterium abscessus Cell Wall Synthesis: Using a Novel Diazabicyclooctane β -Lactamase Inhibitor To Augment β -Lactam Action.. <i>MBio</i> , 2022 , e0352921	7.8	2
66	Effects of BCG vaccination on donor unrestricted T cells in two prospective cohort studies.. <i>EBioMedicine</i> , 2022 , 76, 103839	8.8	1
65	Resistance to TST/IGRA conversion in Uganda: Heritability and Genome-Wide Association Study. <i>EBioMedicine</i> , 2021 , 74, 103727	8.8	0
64	The Pup-Proteasome System Protects Mycobacteria from Antimicrobial Antifolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	2
63	HDAC3 inhibitor RGFP966 controls bacterial growth and modulates macrophage signaling during Mycobacterium tuberculosis infection. <i>Tuberculosis</i> , 2021 , 127, 102062	2.6	1
62	"One-Two Punch": Synergistic β -Lactam Combinations for Mycobacterium abscessus and Target Redundancy in the Inhibition of Peptidoglycan Synthesis Enzymes. <i>Clinical Infectious Diseases</i> , 2021 , 73, 1532-1536	11.6	3
61	Methylome-wide Analysis Reveals Epigenetic Marks Associated With Resistance to Tuberculosis in Human Immunodeficiency Virus-Infected Individuals From East Africa. <i>Journal of Infectious Diseases</i> , 2021 , 224, 695-704	7	
60	The knowns and unknowns of latent Mycobacterium tuberculosis infection. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	12
59	Monocyte metabolic transcriptional programs associate with resistance to tuberculin skin test/interferon- γ release assay conversion. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	1
58	Insights into the l,d-Transpeptidases and d,d-Carboxypeptidase of Mycobacterium abscessus: Ceftaroline, Imipenem, and Novel Diazabicyclooctane Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	8
57	Interaction between host genes and Mycobacterium tuberculosis lineage can affect tuberculosis severity: Evidence for coevolution?. <i>PLoS Genetics</i> , 2020 , 16, e1008728	6	14
56	Importance of Study Design and Phenotype Definition in Ongoing Studies of Resistance to Latent Mycobacterium tuberculosis Infection. <i>Journal of Infectious Diseases</i> , 2020 , 221, 1025-1026	7	3
55	Genetic variability and consequence of Mycobacterium tuberculosis lineage 3 in Kampala-Uganda. <i>PLoS ONE</i> , 2019 , 14, e0221644	3.7	4
54	IFN- γ -Independent immune markers of Mycobacterium tuberculosis exposure. <i>Nature Medicine</i> , 2019 , 25, 977-987	50.5	104
53	MR1-Independent Activation of Human Mucosal-Associated Invariant T Cells by Mycobacteria. <i>Journal of Immunology</i> , 2019 , 203, 2917-2927	5.3	37
52	Long-term Stability of Resistance to Latent Mycobacterium tuberculosis Infection in Highly Exposed Tuberculosis Household Contacts in Kampala, Uganda. <i>Clinical Infectious Diseases</i> , 2019 , 68, 1705-1712	11.6	19
51	Elucidation of a Human Urine Metabolite as a Seryl-Leucine Glycopeptide and as a Biomarker of Effective Anti-Tuberculosis Therapy. <i>ACS Infectious Diseases</i> , 2019 , 5, 353-364	5.5	5

50	Four-Gene Pan-African Blood Signature Predicts Progression to Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1198-1208	10.2	125
49	Resistance and Susceptibility to Mycobacterium tuberculosis Infection and Disease in Tuberculosis Households in Kampala, Uganda. <i>American Journal of Epidemiology</i> , 2018 , 187, 1477-1489	3.8	41
48	Effectiveness of WHO's pragmatic screening algorithm for child contacts of tuberculosis cases in resource-constrained settings: a prospective cohort study in Uganda. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 276-286	35.1	13
47	Immunological mechanisms of human resistance to persistent Mycobacterium tuberculosis infection. <i>Nature Reviews Immunology</i> , 2018 , 18, 575-589	36.5	118
46	Bacterial Factors That Predict Relapse after Tuberculosis Therapy. <i>New England Journal of Medicine</i> , 2018 , 379, 823-833	59.2	66
45	Membrane Vesicles Inhibit T Cell Activation. <i>Journal of Immunology</i> , 2017 , 198, 2028-2037	5.3	41
44	Proteomics and Network Analyses Reveal Inhibition of Akt-mTOR Signaling in CD4 T Cells by Mycobacterium tuberculosis Mannose-Capped Lipoarabinomannan. <i>Proteomics</i> , 2017 , 17, 1700233	4.8	8
43	Transcriptional networks are associated with resistance to Mycobacterium tuberculosis infection. <i>PLoS ONE</i> , 2017 , 12, e0175844	3.7	38
42	Sequential inflammatory processes define human progression from M. tuberculosis infection to tuberculosis disease. <i>PLoS Pathogens</i> , 2017 , 13, e1006687	7.6	119
41	Toll like Receptor 2 engagement on CD4 T cells promotes TH9 differentiation and function. <i>European Journal of Immunology</i> , 2017 , 47, 1513-1524	6.1	22
40	Early Bactericidal Activity of AZD5847 in Patients with Pulmonary Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6591-6599	5.9	15
39	Bacillus Calmette-Guérin (BCG) Revaccination of Adults with Latent Mycobacterium tuberculosis Infection Induces Long-Lived BCG-Reactive NK Cell Responses. <i>Journal of Immunology</i> , 2016 , 197, 1100-1110	5.3	86
38	Mycobacterium tuberculosis lineage 4 comprises globally distributed and geographically restricted sublineages. <i>Nature Genetics</i> , 2016 , 48, 1535-1543	36.3	208
37	Activity of nitazoxanide and tizoxanide against Mycobacterium tuberculosis in vitro and in whole blood culture. <i>Tuberculosis</i> , 2016 , 98, 92-6	2.6	11
36	A blood RNA signature for tuberculosis disease risk: a prospective cohort study. <i>Lancet, The</i> , 2016 , 387, 2312-2322	40	477
35	Mannose-Capped Lipoarabinomannan from Mycobacterium tuberculosis Induces CD4+ T Cell Anergy via GRAIL. <i>Journal of Immunology</i> , 2016 , 196, 691-702	5.3	27
34	A side-by-side comparison of T cell reactivity to fifty-nine Mycobacterium tuberculosis antigens in diverse populations from five continents. <i>Tuberculosis</i> , 2015 , 95, 713-721	2.6	27
33	Incubation time of Mycobacterium tuberculosis complex sputum cultures in BACTEC MGIT 960: 4weeks of negative culture is enough for physicians to consider alternative diagnoses. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015 , 83, 162-4	2.9	6

32	Bacterial Membrane Vesicles Mediate the Release of Mycobacterium tuberculosis Lipoglycans and Lipoproteins from Infected Macrophages. <i>Journal of Immunology</i> , 2015 , 195, 1044-53	5.3	75
31	Toll-like receptor 2-dependent extracellular signal-regulated kinase signaling in Mycobacterium tuberculosis-infected macrophages drives anti-inflammatory responses and inhibits Th1 polarization of responding T cells. <i>Infection and Immunity</i> , 2015 , 83, 2242-54	3.7	69
30	A single-nucleotide-polymorphism real-time PCR assay for genotyping of Mycobacterium tuberculosis complex in peri-urban Kampala. <i>BMC Infectious Diseases</i> , 2015 , 15, 396	4	3
29	Proteomic and bioinformatics profile of paired human alveolar macrophages and peripheral blood monocytes. <i>Proteomics</i> , 2015 , 15, 3797-805	4.8	11
28	Polymorphisms in TICAM2 and IL1B are associated with TB. <i>Genes and Immunity</i> , 2015 , 16, 127-133	4.4	41
27	Comparison of MGIT and Myco/F lytic liquid-based blood culture systems for recovery of Mycobacterium tuberculosis from pleural fluid. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 1391-4	9.7	7
26	Regulation of mammalian siderophore 2,5-DHBA in the innate immune response to infection. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1197-213	16.6	43
25	Safety and reactogenicity of BCG revaccination with isoniazid pretreatment in TST positive adults. <i>Vaccine</i> , 2014 , 32, 3982-8	4.1	28
24	How we determined the most reliable solid medium for studying treatment of tuberculosis. <i>Tuberculosis</i> , 2014 , 94, 317-22	2.6	4
23	Effect of isoniazid therapy for latent TB infection on QuantiFERON-TB gold in-tube responses in adults with positive tuberculin skin test results in a high TB incidence area: a controlled study. <i>Chest</i> , 2014 , 145, 612-7	5.3	30
22	Tuberculin skin test reversion following isoniazid preventive therapy reflects diversity of immune response to primary Mycobacterium tuberculosis infection. <i>PLoS ONE</i> , 2014 , 9, e96613	3.7	10
21	Longitudinal changes in CD4(+) T-cell memory responses induced by BCG vaccination of newborns. <i>Journal of Infectious Diseases</i> , 2013 , 207, 1084-94	7	87
20	Analysis of host responses to Mycobacterium tuberculosis antigens in a multi-site study of subjects with different TB and HIV infection states in sub-Saharan Africa. <i>PLoS ONE</i> , 2013 , 8, e74080	3.7	42
19	Mycobacterium tuberculosis ManLAM inhibits T-cell-receptor signaling by interference with ZAP-70, Lck and LAT phosphorylation. <i>Cellular Immunology</i> , 2012 , 275, 98-105	4.4	43
18	Mycobacterium tuberculosis lipoproteins directly regulate human memory CD4(+) T cell activation via Toll-like receptors 1 and 2. <i>Infection and Immunity</i> , 2011 , 79, 663-73	3.7	56
17	Mycobacterium tuberculosis lipoprotein LprG (Rv1411c) binds triacylated glycolipid agonists of Toll-like receptor 2. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 1088-95	17.6	93
16	Regulation of antigen presentation by Mycobacterium tuberculosis: a role for Toll-like receptors. <i>Nature Reviews Microbiology</i> , 2010 , 8, 296-307	22.2	275
15	Mycobacterium tuberculosis synergizes with ATP to induce release of microvesicles and exosomes containing major histocompatibility complex class II molecules capable of antigen presentation. <i>Infection and Immunity</i> , 2010 , 78, 5116-25	3.7	85

14	Mycobacterium tuberculosis cell wall glycolipids directly inhibit CD4+ T-cell activation by interfering with proximal T-cell-receptor signaling. <i>Infection and Immunity</i> , 2009 , 77, 4574-83	3-7	39
13	Mycobacterium bovis BCG decreases MHC-II expression in vivo on murine lung macrophages and dendritic cells during aerosol infection. <i>Cellular Immunology</i> , 2009 , 254, 94-104	4-4	48
12	TLR2 and its co-receptors determine responses of macrophages and dendritic cells to lipoproteins of Mycobacterium tuberculosis. <i>Cellular Immunology</i> , 2009 , 258, 29-37	4-4	120
11	CCAAT/enhancer-binding protein beta and delta binding to CIITA promoters is associated with the inhibition of CIITA expression in response to Mycobacterium tuberculosis 19-kDa lipoprotein. <i>Journal of Immunology</i> , 2007 , 179, 6910-8	5-3	53
10	Mycobacterium tuberculosis 19-kDa lipoprotein inhibits IFN-gamma-induced chromatin remodeling of MHC2TA by TLR2 and MAPK signaling. <i>Journal of Immunology</i> , 2006 , 176, 4323-30	5-3	173
9	Mycobacterium tuberculosis LprA is a lipoprotein agonist of TLR2 that regulates innate immunity and APC function. <i>Journal of Immunology</i> , 2006 , 177, 422-9	5-3	166
8	Mycobacterium tuberculosis LprG (Rv1411c): a novel TLR-2 ligand that inhibits human macrophage class II MHC antigen processing. <i>Journal of Immunology</i> , 2004 , 173, 2660-8	5-3	200
7	Prolonged toll-like receptor signaling by Mycobacterium tuberculosis and its 19-kilodalton lipoprotein inhibits gamma interferon-induced regulation of selected genes in macrophages. <i>Infection and Immunity</i> , 2004 , 72, 6603-14	3-7	137
6	Inhibition of major histocompatibility complex II expression and antigen processing in murine alveolar macrophages by Mycobacterium bovis BCG and the 19-kilodalton mycobacterial lipoprotein. <i>Infection and Immunity</i> , 2004 , 72, 2101-10	3-7	88
5	Inhibition of IFN-gamma-induced class II transactivator expression by a 19-kDa lipoprotein from Mycobacterium tuberculosis: a potential mechanism for immune evasion. <i>Journal of Immunology</i> , 2003 , 171, 175-84	5-3	202
4	Processing of Mycobacterium tuberculosis antigen 85B involves intraphagosomal formation of peptide-major histocompatibility complex II complexes and is inhibited by live bacilli that decrease phagosome maturation. <i>Journal of Experimental Medicine</i> , 2001 , 194, 1421-32	16.6	105
3	Toll-like receptor 2-dependent inhibition of macrophage class II MHC expression and antigen processing by 19-kDa lipoprotein of Mycobacterium tuberculosis. <i>Journal of Immunology</i> , 2001 , 167, 910-8 ³	5-3	359
2	Phagocytic antigen processing and effects of microbial products on antigen processing and T-cell responses. <i>Immunological Reviews</i> , 1999 , 168, 217-39	11-3	46
1	Effects of BCG vaccination on donor unrestricted T cells in humans		1