

Shabaana Abdul Khader

List of Publications by Year in Descending Order

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

103
papers

7,570
citations

42
h-index

86
g-index

123
ext. papers

9,248
ext. citations

10.6
avg, IF

5.97
L-index

#	Paper	IF	Citations
103	The immunoregulatory landscape of human tuberculosis granulomas.. <i>Nature Immunology</i> , 2022 ,	19.1	11
102	Myeloid cell interferon responses correlate with clearance of SARS-CoV-2.. <i>Nature Communications</i> , 2022 , 13, 679	17.4	2
101	Rifampin resistance mutations in the rpoB gene of <i>Enterococcus faecalis</i> impact host macrophage cytokine production.. <i>Cytokine</i> , 2022 , 151, 155788	4	1
100	Development and Testing of a Spray-Dried Tuberculosis Vaccine Candidate in a Mouse Model.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 799034	5.6	2
99	Antiretroviral therapy timing impacts latent tuberculosis infection reactivation in a tuberculosis/simian immunodeficiency virus coinfection model. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	1
98	S100A8/A9 in COVID-19 pathogenesis: Impact on clinical outcomes. <i>Cytokine and Growth Factor Reviews</i> , 2021 ,	17.9	3
97	Responses to acute infection with SARS-CoV-2 in the lungs of rhesus macaques, baboons and marmosets. <i>Nature Microbiology</i> , 2021 , 6, 73-86	26.6	95
96	IFN signaling and neutrophil degranulation transcriptional signatures are induced during SARS-CoV-2 infection. <i>Communications Biology</i> , 2021 , 4, 290	6.7	28
95	Clinical and Immunological Factors That Distinguish COVID-19 From Pandemic Influenza A(H1N1). <i>Frontiers in Immunology</i> , 2021 , 12, 593595	8.4	8
94	Phenotype of Peripheral NK Cells in Latent, Active, and Meningeal Tuberculosis. <i>Journal of Immunology Research</i> , 2021 , 2021, 5517856	4.5	0
93	Old vaccines for new infections: Exploiting innate immunity to control COVID-19 and prevent future pandemics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	29
92	Myeloid cell interferon responses correlate with clearance of SARS-CoV-2 2021 ,		2
91	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021 , 22, 2-6	19.1	85
90	The immune landscape in tuberculosis reveals populations linked to disease and latency. <i>Cell Host and Microbe</i> , 2021 , 29, 165-178.e8	23.4	32
89	CXCL17 Is a Specific Diagnostic Biomarker for Severe Pandemic Influenza A(H1N1) That Predicts Poor Clinical Outcome. <i>Frontiers in Immunology</i> , 2021 , 12, 633297	8.4	1
88	Lung Epithelial Signaling Mediates Early Vaccine-Induced CD4 T Cell Activation and Control. <i>MBio</i> , 2021 , 12, e0146821	7.8	4
87	CXCL17 Is Dispensable during Hypervirulent HN878 Infection in Mice. <i>ImmunoHorizons</i> , 2021 , 5, 752-759	2.7	1

86	Longitudinal Dynamics of a Blood Transcriptomic Signature of Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	4
85	Chronic Immune Activation in TB/HIV Co-infection. <i>Trends in Microbiology</i> , 2020 , 28, 619-632	12.4	15
84	<i>Cryptococcus neoformans</i> Evades Pulmonary Immunity by Modulating Xylose Precursor Transport. <i>Infection and Immunity</i> , 2020 , 88,	3.7	2
83	Immunometabolism during <i>Mycobacterium tuberculosis</i> Infection. <i>Trends in Microbiology</i> , 2020 , 28, 832-850,	12.4	18
82	Formation of Lung Inducible Bronchus Associated Lymphoid Tissue Is Regulated by Expressed Determinants. <i>Frontiers in Immunology</i> , 2020 , 11, 1325	8.4	4
81	Immune correlates of tuberculosis disease and risk translate across species. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	24
80	The protective and pathogenic roles of CXCL17 in human health and disease: Potential in respiratory medicine. <i>Cytokine and Growth Factor Reviews</i> , 2020 , 53, 53-62	17.9	8
79	S100A8/A9 regulates CD11b expression and neutrophil recruitment during chronic tuberculosis. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3098-3112	15.9	38
78	Therapies for tuberculosis and AIDS: myeloid-derived suppressor cells in focus. <i>Journal of Clinical Investigation</i> , 2020 , 130, 2789-2799	15.9	13
77	Antiretroviral therapy does not reduce tuberculosis reactivation in a tuberculosis-HIV coinfection model. <i>Journal of Clinical Investigation</i> , 2020 , 130, 5171-5179	15.9	14
76	IFN signaling and neutrophil degranulation transcriptional signatures are induced during SARS-CoV-2 infection 2020 ,		11
75	<i>Mycobacterium tuberculosis</i> HN878 Infection Induces Human-Like B-Cell Follicles in Mice. <i>Journal of Infectious Diseases</i> , 2020 , 221, 1636-1646	7	6
74	Targeting Unconventional Host Components for Vaccination-Induced Protection Against TB. <i>Frontiers in Immunology</i> , 2020 , 11, 1452	8.4	2
73	The Tale of IL-12 and IL-23: A Paradigm Shift. <i>Journal of Immunology</i> , 2019 , 202, 629-630	5.3	10
72	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. <i>Nature</i> , 2019 , 570, 528-532	50.4	97
71	Advances in Cardiovascular Disease Lipid Research Can Provide Novel Insights Into Mycobacterial Pathogenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 116	5.9	1
70	Mucosal-activated invariant T cells do not exhibit significant lung recruitment and proliferation profiles in macaques in response to infection with <i>Mycobacterium tuberculosis</i> CDC1551. <i>Tuberculosis</i> , 2019 , 116S, S11-S18	2.6	14
69	Friend or Foe: The Protective and Pathological Roles of Inducible Bronchus-Associated Lymphoid Tissue in Pulmonary Diseases. <i>Journal of Immunology</i> , 2019 , 202, 2519-2526	5.3	28

68	HIV-1 and SIV Infection Are Associated with Early Loss of Lung Interstitial CD4+ T Cells and Dissemination of Pulmonary Tuberculosis. <i>Cell Reports</i> , 2019 , 26, 1409-1418.e5	10.6	33
67	The current state of animal models and genomic approaches towards identifying and validating molecular determinants of Mycobacterium tuberculosis infection and tuberculosis disease. <i>Pathogens and Disease</i> , 2019 , 77,	4.2	12
66	Mechanisms of reactivation of latent tuberculosis infection due to SIV coinfection. <i>Journal of Clinical Investigation</i> , 2019 , 129, 5254-5260	15.9	29
65	Targeting innate immunity for tuberculosis vaccination. <i>Journal of Clinical Investigation</i> , 2019 , 129, 3482-3491	15.9	47
64	Aspergillus fumigatus Preexposure Worsens Pathology and Improves Control of Mycobacterium abscessus Pulmonary Infection in Mice. <i>Infection and Immunity</i> , 2018 , 86,	3.7	6
63	In vivo inhibition of tryptophan catabolism reorganizes the tuberculoma and augments immune-mediated control of. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E62-E71	11.5	99
62	A novel role for C-C motif chemokine receptor 2 during infection with hypervirulent Mycobacterium tuberculosis. <i>Mucosal Immunology</i> , 2018 , 11, 1727-1742	9.2	19
61	Mycobacterium tuberculosis carrying a rifampicin drug resistance mutation reprograms macrophage metabolism through cell wall lipid changes. <i>Nature Microbiology</i> , 2018 , 3, 1099-1108	26.6	51
60	Rationalized design of a mucosal vaccine protects against challenge in mice. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 1373-1381	6.5	21
59	Pneumocystis-Driven Inducible Bronchus-Associated Lymphoid Tissue Formation Requires Th2 and Th17 Immunity. <i>Cell Reports</i> , 2017 , 18, 3078-3090	10.6	32
58	HLA Alleles are Genetic Markers for Susceptibility and Resistance towards Leprosy in a Mexican Mestizo Population. <i>Annals of Human Genetics</i> , 2017 , 81, 35-40	2.2	2
57	RNA Interference Screening Reveals Host CaMK4 as a Regulator of Cryptococcal Uptake and Pathogenesis. <i>Infection and Immunity</i> , 2017 , 85,	3.7	2
56	Nonpathologic Infection of Macaques by an Attenuated Mycobacterial Vaccine Is Not Reactivated in the Setting of HIV Co-Infection. <i>American Journal of Pathology</i> , 2017 , 187, 2811-2820	5.8	10
55	Dancing with the Stars: Phenolic Glycolipids Partners with Macrophages. <i>Cell Host and Microbe</i> , 2017 , 22, 249-251	23.4	1
54	A novel nanoemulsion vaccine induces mucosal Interleukin-17 responses and confers protection upon Mycobacterium tuberculosis challenge in mice. <i>Vaccine</i> , 2017 , 35, 4983-4989	4.1	33
53	Cytokines and Chemokines in Mycobacterium tuberculosis Infection 2017 , 33-72		7
52	A Unique Cellular and Molecular Microenvironment Is Present in Tertiary Lymphoid Organs of Patients with Spontaneous Prostate Cancer Regression. <i>Frontiers in Immunology</i> , 2017 , 8, 563	8.4	34
51	Interleukin-17 limits hypoxia-inducible factor 1 α and development of hypoxic granulomas during tuberculosis. <i>JCI Insight</i> , 2017 , 2,	9.9	31

50	Yin and yang of interleukin-17 in host immunity to infection. <i>F1000Research</i> , 2017 , 6, 741	3.6	50
49	Cytokines and Chemokines in Mycobacterium tuberculosis Infection. <i>Microbiology Spectrum</i> , 2016 , 4,	8.9	162
48	A novel multivalent tuberculosis vaccine confers protection in a mouse model of tuberculosis. <i>Human Vaccines and Immunotherapeutics</i> , 2016 , 12, 2649-2653	4.4	5
47	Targeting dendritic cells to accelerate T-cell activation overcomes a bottleneck in tuberculosis vaccine efficacy. <i>Nature Communications</i> , 2016 , 7, 13894	17.4	66
46	Computational Analysis Reveals a Key Regulator of Cryptococcal Virulence and Determinant of Host Response. <i>MBio</i> , 2016 , 7, e00313-16	7.8	31
45	CD4+ T-cell-independent mechanisms suppress reactivation of latent tuberculosis in a macaque model of HIV coinfection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5636-44	11.5	84
44	The DosR Regulon Modulates Adaptive Immunity and Is Essential for Mycobacterium tuberculosis Persistence. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1185-96	10.2	99
43	Mucosal vaccination with attenuated Mycobacterium tuberculosis induces strong central memory responses and protects against tuberculosis. <i>Nature Communications</i> , 2015 , 6, 8533	17.4	130
42	LAG3 expression in active Mycobacterium tuberculosis infections. <i>American Journal of Pathology</i> , 2015 , 185, 820-33	5.8	50
41	Helminth-induced arginase-1 exacerbates lung inflammation and disease severity in tuberculosis. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4699-713	15.9	60
40	Novel vaccine approaches for protection against intracellular pathogens. <i>Current Opinion in Immunology</i> , 2014 , 28, 58-63	7.8	42
39	Mycobacterium tuberculosis impairs dendritic cell functions through the serine hydrolase Hip1. <i>Journal of Immunology</i> , 2014 , 192, 4263-72	5.3	48
38	Chemokines in tuberculosis: the good, the bad and the ugly. <i>Seminars in Immunology</i> , 2014 , 26, 552-8	10.7	61
37	Mucosal pre-exposure to Th17-inducing adjuvants exacerbates pathology after influenza infection. <i>American Journal of Pathology</i> , 2014 , 184, 55-63	5.8	28
36	Unexpected role for IL-17 in protective immunity against hypervirulent Mycobacterium tuberculosis HN878 infection. <i>PLoS Pathogens</i> , 2014 , 10, e1004099	7.6	180
35	IL-10 restrains IL-17 to limit lung pathology characteristics following pulmonary infection with Francisella tularensis live vaccine strain. <i>American Journal of Pathology</i> , 2013 , 183, 1397-1404	5.8	23
34	Variants in toll-like receptor 9 gene influence susceptibility to tuberculosis in a Mexican population. <i>Journal of Translational Medicine</i> , 2013 , 11, 220	8.5	35
33	S100A8/A9 proteins mediate neutrophilic inflammation and lung pathology during tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 1137-46	10.2	149

32	Chemokines shape the immune responses to tuberculosis. <i>Cytokine and Growth Factor Reviews</i> , 2013 , 24, 105-13	17.9	50
31	CXCR5+ T helper cells mediate protective immunity against tuberculosis. <i>Journal of Clinical Investigation</i> , 2013 , 123, 712-26	15.9	153
30	IL-17 and Mucosal Host Defense 2013 , 207-218		
29	IL-23-dependent IL-17 drives Th1-cell responses following Mycobacterium bovis BCG vaccination. <i>European Journal of Immunology</i> , 2012 , 42, 364-73	6.1	113
28	Lipocalin 2 regulates inflammation during pulmonary mycobacterial infections. <i>PLoS ONE</i> , 2012 , 7, e50052	3.7	42
27	Induction of BALT in the absence of IL-17. <i>Nature Immunology</i> , 2012 , 13, 2-2	19.1	1
26	TH17 Cytokines in Primary Mucosal Immunity 2011 , 243-256		
25	Francisella tularensis LVS-induced Interleukin-12 p40 cytokine production mediates dendritic cell migration through IL-12 Receptor β . <i>Cytokine</i> , 2011 , 55, 372-9	4	13
24	Profiling early lung immune responses in the mouse model of tuberculosis. <i>PLoS ONE</i> , 2011 , 6, e16161	3.7	92
23	The development of inducible bronchus-associated lymphoid tissue depends on IL-17. <i>Nature Immunology</i> , 2011 , 12, 639-46	19.1	297
22	IL-23 is required for long-term control of Mycobacterium tuberculosis and B cell follicle formation in the infected lung. <i>Journal of Immunology</i> , 2011 , 187, 5402-7	5.3	135
21	Influenza A inhibits Th17-mediated host defense against bacterial pneumonia in mice. <i>Journal of Immunology</i> , 2011 , 186, 1666-1674	5.3	254
20	Conserved natural IgM antibodies mediate innate and adaptive immunity against the opportunistic fungus Pneumocystis murina. <i>Journal of Experimental Medicine</i> , 2010 , 207, 2907-19	16.6	89
19	Mycobacterium tuberculosis infection induces il12rb1 splicing to generate a novel IL-12Rbeta1 isoform that enhances DC migration. <i>Journal of Experimental Medicine</i> , 2010 , 207, 591-605	16.6	34
18	IL-17 in protective immunity to intracellular pathogens. <i>Virulence</i> , 2010 , 1, 423-7	4.7	122
17	The role of Th17 cytokines in primary mucosal immunity. <i>Cytokine and Growth Factor Reviews</i> , 2010 , 21, 443-8	17.9	131
16	Th17 cytokines in mucosal immunity and inflammation. <i>Current Opinion in HIV and AIDS</i> , 2010 , 5, 120-7	4.2	97
15	Th17 cytokines and vaccine-induced immunity. <i>Seminars in Immunopathology</i> , 2010 , 32, 79-90	12	81

14	In a murine tuberculosis model, the absence of homeostatic chemokines delays granuloma formation and protective immunity. <i>Journal of Immunology</i> , 2009 , 183, 8004-14	5.3	92
13	Interleukin-17 is required for T helper 1 cell immunity and host resistance to the intracellular pathogen <i>Francisella tularensis</i> . <i>Immunity</i> , 2009 , 31, 799-810	32.3	232
12	IL-17 and mucosal host defense 2009 , 149-159		
11	IL-23 and IL-17 in tuberculosis. <i>Cytokine</i> , 2008 , 41, 79-83	4	224
10	<i>Yersinia pestis</i> evades TLR4-dependent induction of IL-12(p40)2 by dendritic cells and subsequent cell migration. <i>Journal of Immunology</i> , 2008 , 181, 5560-7	5.3	35
9	The role of cytokines in the initiation, expansion, and control of cellular immunity to tuberculosis. <i>Immunological Reviews</i> , 2008 , 226, 191-204	11.3	455
8	IL-23 and IL-17 in the establishment of protective pulmonary CD4+ T cell responses after vaccination and during <i>Mycobacterium tuberculosis</i> challenge. <i>Nature Immunology</i> , 2007 , 8, 369-77	19.1	1076
7	Interleukin-12 and tuberculosis: an old story revisited. <i>Current Opinion in Immunology</i> , 2007 , 19, 441-7	7.8	104
6	IL-12p40: an inherently agonistic cytokine. <i>Trends in Immunology</i> , 2007 , 28, 33-8	14.4	231
5	Interleukin 12p40 is required for dendritic cell migration and T cell priming after <i>Mycobacterium tuberculosis</i> infection. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1805-15	16.6	243
4	Cutting edge: IFN-gamma regulates the induction and expansion of IL-17-producing CD4 T cells during mycobacterial infection. <i>Journal of Immunology</i> , 2006 , 177, 1416-20	5.3	229
3	IL-23 compensates for the absence of IL-12p70 and is essential for the IL-17 response during tuberculosis but is dispensable for protection and antigen-specific IFN-gamma responses if IL-12p70 is available. <i>Journal of Immunology</i> , 2005 , 175, 788-95	5.3	388
2	IL-27 signaling compromises control of bacterial growth in mycobacteria-infected mice. <i>Journal of Immunology</i> , 2004 , 173, 7490-6	5.3	114
1	SARS-CoV-2 infection leads to acute infection with dynamic cellular and inflammatory flux in the lung that varies across nonhuman primate species		21