

# Sarah Dunstan

## List of Publications by Year in descending order

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83  
papers

20,384  
citations

76326

40  
h-index

69250

77  
g-index

86  
all docs

86  
docs citations

86  
times ranked

41470  
citing authors

#	ARTICLE	IF	CITATIONS
1	A global reference for human genetic variation. <i>Nature</i> , 2015, 526, 68-74.	27.8	13,998
2	Host Genotype-Specific Therapies Can Optimize the Inflammatory Response to Mycobacterial Infections. <i>Cell</i> , 2012, 148, 434-446.	28.9	523
3	The <i>Ita4h</i> Locus Modulates Susceptibility to Mycobacterial Infection in Zebrafish and Humans. <i>Cell</i> , 2010, 140, 717-730.	28.9	501
4	The Influence of Host and Bacterial Genotype on the Development of Disseminated Disease with <i>Mycobacterium tuberculosis</i> . <i>PLoS Pathogens</i> , 2008, 4, e1000034.	4.7	410
5	Genome-wide and fine-resolution association analysis of malaria in West Africa. <i>Nature Genetics</i> , 2009, 41, 657-665.	21.4	345
6	Reappraisal of known malaria resistance loci in a large multicenter study. <i>Nature Genetics</i> , 2014, 46, 1197-1204.	21.4	206
7	Human SNP Links Differential Outcomes in Inflammatory and Infectious Disease to a FOXO3-Regulated Pathway. <i>Cell</i> , 2013, 155, 57-69.	28.9	200
8	Salmonella: Immune Responses and Vaccines. <i>Veterinary Journal</i> , 2001, 161, 132-164.	1.7	190
9	Genome-wide association study identifies susceptibility loci for dengue shock syndrome at MICB and PLCE1. <i>Nature Genetics</i> , 2011, 43, 1139-1141.	21.4	181
10	A common human TLR1 polymorphism regulates the innate immune response to lipopeptides. <i>European Journal of Immunology</i> , 2007, 37, 2280-2289.	2.9	176
11	A polymorphism in human TLR2 is associated with increased susceptibility to tuberculous meningitis. <i>Genes and Immunity</i> , 2007, 8, 422-428.	4.1	176
12	Frequent transmission of the <i>Mycobacterium tuberculosis</i> Beijing lineage and positive selection for the <i>EsxW</i> Beijing variant in Vietnam. <i>Nature Genetics</i> , 2018, 50, 849-856.	21.4	167
13	A Polymorphism in Toll-Interleukin 1 Receptor Domain Containing Adaptor Protein Is Associated with Susceptibility to Meningeal Tuberculosis. <i>Journal of Infectious Diseases</i> , 2006, 194, 1127-1134.	4.0	166
14	A global network for investigating the genomic epidemiology of malaria. <i>Nature</i> , 2008, 456, 732-737.	27.8	148
15	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , 2016, 48, 556-562.	21.4	147
16	Identification of Tuberculosis Susceptibility Genes with Human Macrophage Gene Expression Profiles. <i>PLoS Pathogens</i> , 2008, 4, e1000229.	4.7	134
17	Global expansion of <i>Mycobacterium tuberculosis</i> lineage 4 shaped by colonial migration and local adaptation. <i>Science Advances</i> , 2018, 4, eaat5869.	10.3	130
18	Molecular characterization of the staphylococcal multidrug resistance export protein QacC. <i>Journal of Bacteriology</i> , 1995, 177, 2827-2833.	2.2	124

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19	Copy number, linkage disequilibrium and disease association in the FCGR locus. <i>Human Molecular Genetics</i> , 2010, 19, 3282-3294.	2.9	119
20	Human TOLLIP Regulates TLR2 and TLR4 Signaling and Its Polymorphisms Are Associated with Susceptibility to Tuberculosis. <i>Journal of Immunology</i> , 2012, 189, 1737-1746.	0.8	113
21	The Role of Host Genetics in Susceptibility to Influenza: A Systematic Review. <i>PLoS ONE</i> , 2012, 7, e33180.	2.5	98
22	Genes of the Class II and Class III Major Histocompatibility Complex Are Associated with Typhoid Fever in Vietnam. <i>Journal of Infectious Diseases</i> , 2001, 183, 261-268.	4.0	95
23	The sensitivity of real-time PCR amplification targeting invasive <i>Salmonella</i> serovars in biological specimens. <i>BMC Infectious Diseases</i> , 2010, 10, 125.	2.9	94
24	Leukotriene A4 Hydrolase Genotype and HIV Infection Influence Intracerebral Inflammation and Survival From Tuberculous Meningitis. <i>Journal of Infectious Diseases</i> , 2017, 215, 1020-1028.	4.0	93
25	Human candidate gene polymorphisms and risk of severe malaria in children in Kilifi, Kenya: a case-control association study. <i>Lancet Haematology</i> , 2018, 5, e333-e345.	4.6	90
26	A Multi-Center Randomised Controlled Trial of Gatifloxacin versus Azithromycin for the Treatment of Uncomplicated Typhoid Fever in Children and Adults in Vietnam. <i>PLoS ONE</i> , 2008, 3, e2188.	2.5	87
27	Immune profiling with a <i>Salmonella</i> Typhi antigen microarray identifies new diagnostic biomarkers of human typhoid. <i>Scientific Reports</i> , 2013, 3, 1043.	3.3	87
28	Variation at HLA-DRB1 is associated with resistance to enteric fever. <i>Nature Genetics</i> , 2014, 46, 1333-1336.	21.4	85
29	The toll-like receptor 4 Asp299Gly variant: no influence on LPS responsiveness or susceptibility to pulmonary tuberculosis in The Gambia. <i>Tuberculosis</i> , 2004, 84, 347-352.	1.9	76
30	Transcriptional response in the peripheral blood of patients infected with <i>Salmonella enterica</i> serovar Typhi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22433-22438.	7.1	76
31	Comparison of the Abilities of Different Attenuated <i>Salmonella typhimurium</i> Strains To Elicit Humoral Immune Responses against a Heterologous Antigen. <i>Infection and Immunity</i> , 1998, 66, 732-740.	2.2	73
32	Characterisation of the opposing effects of G6PD deficiency on cerebral malaria and severe malarial anaemia. <i>ELife</i> , 2017, 6, .	6.0	64
33	Host Susceptibility and Clinical Outcomes in Toll-Like Receptor 5 Deficient Patients with Typhoid Fever in Vietnam. <i>Journal of Infectious Diseases</i> , 2005, 191, 1068-1071.	4.0	61
34	The STRATAA study protocol: a programme to assess the burden of enteric fever in Bangladesh, Malawi and Nepal using prospective population census, passive surveillance, serological studies and healthcare utilisation surveys. <i>BMJ Open</i> , 2017, 7, e016283.	1.9	61
35	A polymorphism in human MR1 is associated with mRNA expression and susceptibility to tuberculosis. <i>Genes and Immunity</i> , 2017, 18, 8-14.	4.1	55
36	Use of In Vivo-Regulated Promoters To Deliver Antigens from Attenuated <i>Salmonella enterica</i> var. Typhimurium. <i>Infection and Immunity</i> , 1999, 67, 5133-5141.	2.2	52

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37	What is the evidence of a role for host genetics in susceptibility to influenza A/H5N1?. <i>Epidemiology and Infection</i> , 2010, 138, 1550-1558.	2.1	50
38	Common Polymorphisms in the PKP3-SIGIRR-TMEM16J Gene Region Are Associated With Susceptibility to Tuberculosis. <i>Journal of Infectious Diseases</i> , 2012, 205, 586-594.	4.0	50
39	Empirical ways to identify novel Bedaquiline resistance mutations in AtpE. <i>PLoS ONE</i> , 2019, 14, e0217169.	2.5	50
40	Human genetic variation in <i>VAC14</i> regulates <i>Salmonella</i> invasion and typhoid fever through modulation of cholesterol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7746-E7755.	7.1	46
41	Large scale screening for haemoglobin disorders in southern Vietnam: implications for avoidance and management. <i>British Journal of Haematology</i> , 2010, 150, 359-364.	2.5	44
42	TM4SF20 Ancestral Deletion and Susceptibility to a Pediatric Disorder of Early Language Delay and Cerebral White Matter Hyperintensities. <i>American Journal of Human Genetics</i> , 2013, 93, 197-210.	6.2	43
43	Burden of enteric fever at three urban sites in Africa and Asia: a multicentre population-based study. <i>The Lancet Global Health</i> , 2021, 9, e1688-e1696.	6.3	42
44	MARCO variants are associated with phagocytosis, pulmonary tuberculosis susceptibility and Beijing lineage. <i>Genes and Immunity</i> , 2016, 17, 419-425.	4.1	41
45	Vaccine Potential of Attenuated Mutants of <i>Corynebacterium pseudotuberculosis</i> in Sheep. <i>Infection and Immunity</i> , 1998, 66, 474-479.	2.2	40
46	DNA vaccines for bacterial infections. <i>Immunology and Cell Biology</i> , 1997, 75, 364-369.	2.3	39
47	Typhoid Fever and Genetic Polymorphisms at the Natural Resistance-Associated Macrophage Protein 1. <i>Journal of Infectious Diseases</i> , 2001, 183, 1156-1160.	4.0	39
48	Glucose-6-phosphate dehydrogenase (G6PD) mutations and haemoglobinuria syndrome in the Vietnamese population. <i>Malaria Journal</i> , 2009, 8, 152.	2.3	39
49	An updated systematic review of the role of host genetics in susceptibility to influenza. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 37-41.	3.4	39
50	Studies of immunity and bacterial invasiveness in mice given a recombinant salmonella vector encoding murine interleukin-6. <i>Infection and Immunity</i> , 1996, 64, 2730-2736.	2.2	30
51	A polymorphism in human CD1A is associated with susceptibility to tuberculosis. <i>Genes and Immunity</i> , 2014, 15, 195-198.	4.1	29
52	In vitro and in vivo stability of recombinant plasmids in a vaccine strain of <i>Salmonella entericavar.</i> Typhimurium. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 37, 111-119.	2.7	28
53	TLR9 gene region polymorphisms and susceptibility to tuberculosis in Vietnam. <i>Tuberculosis</i> , 2015, 95, 190-196.	1.9	27
54	Variation in human genes encoding adhesion and proinflammatory molecules are associated with severe malaria in the Vietnamese. <i>Genes and Immunity</i> , 2012, 13, 503-508.	4.1	24

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55	Common Polymorphisms in the CD43 Gene Region Are Associated with Tuberculosis Disease and Mortality. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 342-348.	2.9	24
56	Cytokine Release by Lipopolysaccharide- Stimulated Whole Blood from Patients with Typhoid Fever. <i>Journal of Infectious Diseases</i> , 2002, 186, 240-245.	4.0	22
57	Characterising private and shared signatures of positive selection in 37 Asian populations. <i>European Journal of Human Genetics</i> , 2017, 25, 499-508.	2.8	22
58	A TNF region haplotype offers protection from typhoid fever in Vietnamese patients. <i>Human Genetics</i> , 2007, 122, 51-61.	3.8	19
59	Second-Line HIV Therapy Outcomes and Determinants of Mortality at the Largest HIV Referral Center in Southern Vietnam. <i>Medicine (United States)</i> , 2015, 94, e1715.	1.0	18
60	Bacterial risk factors for treatment failure and relapse among patients with isoniazid resistant tuberculosis. <i>BMC Infectious Diseases</i> , 2018, 18, 112.	2.9	18
61	Toll-Like Receptor 4 (TLR4) and Typhoid Fever in Vietnam. <i>PLoS ONE</i> , 2009, 4, e4800.	2.5	16
62	Epiregulin (EREG) variation is associated with susceptibility to tuberculosis. <i>Genes and Immunity</i> , 2012, 13, 275-281.	4.1	16
63	The SIGLEC14 null allele is associated with Mycobacterium tuberculosis- and BCG-induced clinical and immunologic outcomes. <i>Tuberculosis</i> , 2017, 104, 38-45.	1.9	16
64	High prevalence of PI resistance in patients failing second-line ART in Vietnam. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 762-774.	3.0	15
65	Salmonella typhimurium displays normal invasion of mice with defective epidermal growth factor receptors. <i>Infection and Immunity</i> , 1995, 63, 2770-2772.	2.2	14
66	Whole genome- amplified DNA: insights and imputation. <i>Nature Methods</i> , 2008, 5, 279-280.	19.0	13
67	Sources of Multidrug Resistance in Patients With Previous Isoniazid-Resistant Tuberculosis Identified Using Whole Genome Sequencing: A Longitudinal Cohort Study. <i>Clinical Infectious Diseases</i> , 2020, 71, e532-e539.	5.8	13
68	Geographical distribution and disease associations of the CD45 exon 6 138G variant. <i>Immunogenetics</i> , 2006, 58, 235-239.	2.4	10
69	LTA4H Genotype Is Associated with Susceptibility to Bacterial Meningitis but Is Not a Critical Determinant of Outcome. <i>PLoS ONE</i> , 2015, 10, e0118789.	2.5	8
70	A Bayesian approach for estimating typhoid fever incidence from large- scale facility- based passive surveillance data. <i>Statistics in Medicine</i> , 2021, 40, 5853-5870.	1.6	8
71	REL and BHLHE40 Variants Are Associated with IL-12 and IL-10 Responses and Tuberculosis Risk. <i>Journal of Immunology</i> , 2022, 208, 1352-1361.	0.8	6
72	The immune responses to bacterial antigens encountered in vivo at mucosal surfaces. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 705-712.	4.0	5

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73	HIV-1 drug resistance in antiretroviral-naive individuals with HIV-1-associated tuberculous meningitis initiating antiretroviral therapy in Vietnam. <i>Antiviral Therapy</i> , 2012, 17, 905-913.	1.0	5
74	Understanding the global tuberculosis epidemic: moving towards routine whole-genome sequencing. <i>International Journal of Tuberculosis and Lung Disease</i> , 2019, 23, 1241-1242.	1.2	4
75	Cytokine Gene Knockout Mice – Lessons for Mucosal B-Cell Development. , 1996, , 247-261.		3
76	Polymorphisms of the gene coding for copper/zinc superoxide dismutase (SOD1) in patients with Japanese encephalitis. <i>Annals of Tropical Medicine and Parasitology</i> , 2006, 100, 631-636.	1.6	2
77	Hiv-1 Drug Resistance in Antiretroviral-Naive Individuals with HIV-1-Associated Tuberculous Meningitis Initiating Antiretroviral Therapy in Vietnam. <i>Antiviral Therapy</i> , 2012, 17, 905-913.	1.0	1
78	Could omics unlock the secret of surviving tuberculous meningitis?. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 479-480.	9.1	1
79	Studies of the pathogenesis and immunology of attenuated mutants of <i>Salmonella enterica</i> var. Typhimurium: lessons for human typhoid fever?. <i>Medical Journal of Indonesia</i> , 0, 7, 74.	0.5	0
80	Development of recombinant <em>S</em>-typhimurium</em> as a model for <em>S</em>-typhi</em>-based vaccine vectors. <i>Medical Journal of Indonesia</i> , 0, 7, 187.	0.5	0
81	Xpert Ultra and TB meningitis: advancing towards policy revision?. <i>Annals of Infection</i> , 2018, 2, 6-6.	0.0	0
82	Mitigating myopia in tuberculosis. <i>Nature Immunology</i> , 2021, 22, 675-676.	14.5	0
83	THE IMMUNE RESPONSES TO BACTERIAL ANTIGENS ENCOUNTERED <i>IN VIVO</i> AT MUCOSAL SURFACES. , 2001, , .		0