

Cheryl L Day

List of Publications by Year in descending order

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71
papers

8,668
citations

81839

39
h-index

88593

70
g-index

73
all docs

73
docs citations

73
times ranked

10036
citing authors

#	ARTICLE	IF	CITATIONS
1	PD-1 expression on HIV-specific T cells is associated with T-cell exhaustion and disease progression. <i>Nature</i> , 2006, 443, 350-354.	13.7	2,380
2	Dominant influence of HLA-B in mediating the potential co-evolution of HIV and HLA. <i>Nature</i> , 2004, 432, 769-775.	13.7	784
3	A Functional Role for Antibodies in Tuberculosis. <i>Cell</i> , 2016, 167, 433-443.e14.	13.5	461
4	Dominant TNF- α + Mycobacterium tuberculosis-specific CD4+ T cell responses discriminate between latent infection and active disease. <i>Nature Medicine</i> , 2011, 17, 372-376.	15.2	380
5	Functional Capacity of Mycobacterium tuberculosis-Specific T Cell Responses in Humans Is Associated with Mycobacterial Load. <i>Journal of Immunology</i> , 2011, 187, 2222-2232.	0.4	305
6	High resolution analysis of cellular immune responses in resolved and persistent hepatitis C virus infection. <i>Gastroenterology</i> , 2004, 127, 924-936.	0.6	276
7	Ex vivo analysis of human memory CD4 T cells specific for hepatitis C virus using MHC class II tetramers. <i>Journal of Clinical Investigation</i> , 2003, 112, 831-842.	3.9	246
8	Broad Specificity of Virus-Specific CD4+ T-Helper-Cell Responses in Resolved Hepatitis C Virus Infection. <i>Journal of Virology</i> , 2002, 76, 12584-12595.	1.5	243
9	Broad Repertoire of the CD4+ Th Cell Response in Spontaneously Controlled Hepatitis C Virus Infection Includes Dominant and Highly Promiscuous Epitopes. <i>Journal of Immunology</i> , 2005, 175, 3603-3613.	0.4	186
10	Comprehensive Analysis of CD8+ T-Cell Responses against Hepatitis C Virus Reveals Multiple Unpredicted Specificities. <i>Journal of Virology</i> , 2002, 76, 6104-6113.	1.5	184
11	First-in-human trial of the post-exposure tuberculosis vaccine H56:IC31 in Mycobacterium tuberculosis infected and non-infected healthy adults. <i>Vaccine</i> , 2015, 33, 4130-4140.	1.7	183
12	Mycobacterium tuberculosis-specific CD8 ⁺ T cells are functionally and phenotypically different between latent infection and active disease. <i>European Journal of Immunology</i> , 2013, 43, 1568-1577.	1.6	172
13	Preferential loss of IL-2-secreting CD4+ T helper cells in chronic HCV infection. <i>Hepatology</i> , 2005, 41, 1019-1028.	3.6	162
14	Dendritic Cell Stimulation by Mycobacterial Hsp70 Is Mediated Through CCR5. <i>Science</i> , 2006, 314, 454-458.	6.0	162
15	Biomarkers on patient T cells diagnose active tuberculosis and monitor treatment response. <i>Journal of Clinical Investigation</i> , 2015, 125, 1827-1838.	3.9	154
16	Ex vivo analysis of human memory CD4 T cells specific for hepatitis C virus using MHC class II tetramers. <i>Journal of Clinical Investigation</i> , 2003, 112, 831-842.	3.9	153
17	HIV-1 Infection Impairs the Bronchoalveolar T-Cell Response to Mycobacteria. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 1262-1270.	2.5	138
18	Detection of Polyfunctional Mycobacterium tuberculosis-Specific T Cells and Association with Viral Load in HIV-1-Infected Persons. <i>Journal of Infectious Diseases</i> , 2008, 197, 990-999.	1.9	111

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19	Safety and immunogenicity of candidate vaccine M72/AS01E in adolescents in a TB endemic setting. <i>Vaccine</i> , 2015, 33, 4025-4034.	1.7	110
20	Induction and Regulation of T-Cell Immunity by the Novel Tuberculosis Vaccine M72/AS01 in South African Adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 492-502.	2.5	105
21	Full-Breadth Analysis of CD8 + T-Cell Responses in Acute Hepatitis C Virus Infection and Early Therapy. <i>Journal of Virology</i> , 2005, 79, 12979-12988.	1.5	102
22	Human Immunodeficiency Virus Type 1-Hepatitis C Virus Coinfection: Intraindividual Comparison of Cellular Immune Responses against Two Persistent Viruses. <i>Journal of Virology</i> , 2002, 76, 2817-2826.	1.5	101
23	Proliferative Capacity of Epitope-Specific CD8 T-Cell Responses Is Inversely Related to Viral Load in Chronic Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2007, 81, 434-438.	1.5	91
24	Ultrasensitive Detection and Phenotyping of CD4+ T Cells with Optimized HLA Class II Tetramer Staining. <i>Journal of Immunology</i> , 2005, 175, 6334-6343.	0.4	85
25	Herpes simplex virus replication compartments can form by coalescence of smaller compartments. <i>Virology</i> , 2003, 309, 232-247.	1.1	81
26	Differential Selection Pressure Exerted on HIV by CTL Targeting Identical Epitopes but Restricted by Distinct HLA Alleles from the Same HLA Supertype. <i>Journal of Immunology</i> , 2006, 177, 4699-4708.	0.4	79
27	Combined Use of Mycobacterium tuberculosis-Specific CD4 and CD8 T-Cell Responses Is a Powerful Diagnostic Tool of Active Tuberculosis. <i>Clinical Infectious Diseases</i> , 2015, 60, 432-437.	2.9	75
28	Progress in Defining CD4 Helper Cell Responses in Chronic Viral Infections. <i>Journal of Experimental Medicine</i> , 2003, 198, 1773-1777.	4.2	72
29	PD-1 Expression on Mycobacterium tuberculosis-Specific CD4 T Cells Is Associated With Bacterial Load in Human Tuberculosis. <i>Frontiers in Immunology</i> , 2018, 9, 1995.	2.2	68
30	Ex Vivo Phenotype and Frequency of Influenza Virus-Specific CD4 Memory T Cells. <i>Journal of Virology</i> , 2004, 78, 7284-7287.	1.5	67
31	Tracking Virus-Specific CD4+ T Cells during and after Acute Hepatitis C Virus Infection. <i>PLoS ONE</i> , 2007, 2, e649.	1.1	65
32	Targeting of a CD8 T Cell Env Epitope Presented by HLA-B*5802 Is Associated with Markers of HIV Disease Progression and Lack of Selection Pressure. <i>AIDS Research and Human Retroviruses</i> , 2008, 24, 72-82.	0.5	58
33	Relative Dominance of Epitope-Specific Cytotoxic T-Lymphocyte Responses in Human Immunodeficiency Virus Type 1-Infected Persons with Shared HLA Alleles. <i>Journal of Virology</i> , 2001, 75, 6279-6291.	1.5	54
34	Differential Immunogenicity of HIV-1 Clade C Proteins in Eliciting CD8+and CD4+Cell Responses. <i>Journal of Infectious Diseases</i> , 2005, 192, 1588-1596.	1.9	51
35	HIV-1 Infection Is Associated with Depletion and Functional Impairment of Mycobacterium tuberculosis-Specific CD4 T Cells in Individuals with Latent Tuberculosis Infection. <i>Journal of Immunology</i> , 2017, 199, 2069-2080.	0.4	51
36	Spontaneous resolution of chronic hepatitis C virus disease after withdrawal of immunosuppression. <i>Gastroenterology</i> , 2003, 124, 1946-1949.	0.6	47

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37	Patients with Tuberculosis Disease Have Mycobacterium tuberculosis-Specific CD8 T Cells with a Pro-Apoptotic Phenotype and Impaired Proliferative Capacity, Which Is Not Restored following Treatment. PLoS ONE, 2014, 9, e94949.	1.1	44
38	Tryptophan catabolism reflects disease activity in human tuberculosis. JCI Insight, 2020, 5, .	2.3	44
39	HIV-1-specific CD4+ T lymphocyte turnover and activation increase upon viral rebound. Journal of Clinical Investigation, 2005, 115, 443-450.	3.9	44
40	HIV-specific CD8 T cells express low levels of IL-7R α : Implications for HIV-specific T cell memory. Virology, 2006, 353, 366-373.	1.1	43
41	Immunodominant HIV-1 Cd4+ T Cell Epitopes in Chronic Untreated Clade C HIV-1 Infection. PLoS ONE, 2009, 4, e5013.	1.1	32
42	A Diverse Lipid Antigen-specific TCR Repertoire Is Clonally Expanded during Active Tuberculosis. Journal of Immunology, 2018, 201, 888-896.	0.4	30
43	HIV-1-specific CD4+ T lymphocyte turnover and activation increase upon viral rebound. Journal of Clinical Investigation, 2005, 115, 443-450.	3.9	30
44	Distinct T-Cell Responses When BCG Vaccination Is Delayed From Birth to 6 Weeks of Age in Ugandan Infants. Journal of Infectious Diseases, 2014, 209, 887-897.	1.9	29
45	A Molecular Assay for Sensitive Detection of Pathogen-Specific T-Cells. PLoS ONE, 2011, 6, e20606.	1.1	28
46	Distinct Human NK Cell Phenotypes and Functional Responses to Mycobacterium tuberculosis in Adults From TB Endemic and Non-endemic Regions. Frontiers in Cellular and Infection Microbiology, 2020, 10, 120.	1.8	27
47	Heterologous vaccination against human tuberculosis modulates antigen-specific CD4 ⁺ T cell function. European Journal of Immunology, 2013, 43, 2409-2420.	1.6	26
48	Impaired Degranulation and Proliferative Capacity of Mycobacterium tuberculosis-specific CD8+ T Cells in HIV-Infected Individuals With Latent Tuberculosis. Journal of Infectious Diseases, 2015, 211, 635-640.	1.9	23
49	Motif Inference Reveals Optimal CTL Epitopes Presented by HLA Class I Alleles Highly Prevalent in Southern Africa. Journal of Immunology, 2006, 176, 4699-4705.	0.4	17
50	Repeated Plasmodium falciparum infection in humans drives the clonal expansion of an adaptive $\gamma\delta$ T cell repertoire. Science Translational Medicine, 2021, 13, eabe7430.	5.8	16
51	Systemic Expression of Notch Ligand Delta-Like 4 during Mycobacterial Infection Alters the T Cell Immune Response. Frontiers in Immunology, 2016, 7, 527.	2.2	15
52	Isoniazid and Rifapentine Treatment Eradicates Persistent Mycobacterium tuberculosis in Macaques. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 469-477.	2.5	15
53	CD4 T Cells in Mycobacterium tuberculosis and Schistosoma mansoni Co-infected Individuals Maintain Functional TH1 Responses. Frontiers in Immunology, 2020, 11, 127.	2.2	14
54	HIV Is Associated with Modified Humoral Immune Responses in the Setting of HIV/TB Coinfection. MSphere, 2020, 5, .	1.3	14

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55	Increased Risk of Incident Diabetes Among Individuals With Latent Tuberculosis Infection. <i>Diabetes Care</i> , 2022, 45, 880-887.	4.3	13
56	Defining Discriminatory Antibody Fingerprints in Active and Latent Tuberculosis. <i>Frontiers in Immunology</i> , 2022, 13, 856906.	2.2	12
57	IFN- γ Release Assay Result Is Associated with Disease Site and Death in Active Tuberculosis. <i>Annals of the American Thoracic Society</i> , 2016, 13, 2151-2158.	1.5	11
58	A High Throughput Whole Blood Assay for Analysis of Multiple Antigen-Specific T Cell Responses in Human <i>Mycobacterium tuberculosis</i> Infection. <i>Journal of Immunology</i> , 2018, 200, 3008-3019.	0.4	11
59	HIV Infection Is Associated With Downregulation of BTLA Expression on <i>Mycobacterium tuberculosis</i> -Specific CD4 T Cells in Active Tuberculosis Disease. <i>Frontiers in Immunology</i> , 2019, 10, 1983.	2.2	9
60	CD4 and CD8 co-receptors modulate functional avidity of CD1b-restricted T cells. <i>Nature Communications</i> , 2022, 13, 78.	5.8	8
61	Detection of HIV Type 1 Gag-Specific CD4 ⁺ T Cell Responses in Acutely Infected Infants. <i>AIDS Research and Human Retroviruses</i> , 2008, 24, 265-270.	0.5	7
62	Adults with <i>Mycobacterium tuberculosis</i> infection and pre-diabetes have increased levels of QuantiFERON interferon-gamma responses. <i>Tuberculosis</i> , 2020, 122, 101935.	0.8	7
63	Cutaneous Extensively Drug-Resistant Tuberculosis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 551-554.	0.6	7
64	Activation-Induced Marker Expression Identifies <i>Mycobacterium tuberculosis</i> -Specific CD4 T Cells in a Cytokine-Independent Manner in HIV-Infected Individuals with Latent Tuberculosis. <i>ImmunoHorizons</i> , 2020, 4, 573-584.	0.8	7
65	<i>Schistosoma mansoni</i> Infection Is Associated With a Higher Probability of Tuberculosis Disease in HIV-Infected Adults in Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, 157-163.	0.9	6
66	HIV-Specific Gag Responses in Early Infancy Correlate with Clinical Outcome and Inversely with Viral Load. <i>AIDS Research and Human Retroviruses</i> , 2011, 27, 1311-1316.	0.5	5
67	SATVI - after 10 years closing in on a new and better vaccine to prevent tuberculosis. <i>South African Medical Journal</i> , 2012, 102, 438.	0.2	3
68	Adults from Kisumu, Kenya have robust γ T cell responses to <i>Schistosoma mansoni</i> , which are modulated by tuberculosis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008764.	1.3	1
69	Cutaneous extensively drug-resistant tuberculosis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 551-4.	0.6	1
70	Activation-Induced Marker Expression Identifies -Specific CD4 T Cells in a Cytokine-Independent Manner in HIV-Infected Individuals with Latent Tuberculosis. <i>ImmunoHorizons</i> , 2020, 4, 573-584.	0.8	0
71	A simple assay to quantify mycobacterial lipid antigen-specific T cell receptors in human tissues and blood. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0010018.	1.3	0