

Wendy A Burgers

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

4,307
citations

201385

27
h-index

123241

61
g-index

80
all docs

80
docs citations

80
times ranked

6390
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA methyltransferase Dnmt1 associates with histone deacetylase activity. <i>Nature Genetics</i> , 2000, 24, 88-91.	9.4	894
2	T cell responses to SARS-CoV-2 spike cross-recognize Omicron. <i>Nature</i> , 2022, 603, 488-492.	13.7	430
3	Breakthrough infections with SARS-CoV-2 omicron despite mRNA vaccine booster dose. <i>Lancet</i> , The, 2022, 399, 625-626.	6.3	289
4	Plasma cytokine levels during acute HIV-1 infection predict HIV disease progression. <i>Aids</i> , 2010, 24, 819-831.	1.0	195
5	Dnmt3L is a transcriptional repressor that recruits histone deacetylase. <i>Nucleic Acids Research</i> , 2002, 30, 3831-3838.	6.5	178
6	SARS-CoV-2 evolution and vaccines: cause for concern?. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, 333-335.	5.2	161
7	DNA methyltransferases get connected to chromatin. <i>Trends in Genetics</i> , 2002, 18, 275-277.	2.9	141
8	Innate Lymphoid Cells Are Depleted Irreversibly during Acute HIV-1 Infection in the Absence of Viral Suppression. <i>Immunity</i> , 2016, 44, 391-405.	6.6	125
9	Cross-Reactive Neutralizing Antibody Responses Elicited by SARS-CoV-2 501Y.V2 (B.1.351). <i>New England Journal of Medicine</i> , 2021, 384, 2161-2163.	13.9	111
10	Prior infection with SARS-CoV-2 boosts and broadens Ad26.COVS.S immunogenicity in a variant-dependent manner. <i>Cell Host and Microbe</i> , 2021, 29, 1611-1619.e5.	5.1	106
11	Analysis of the Phenotype of Mycobacterium tuberculosis-Specific CD4+ T Cells to Discriminate Latent from Active Tuberculosis in HIV-Uninfected and HIV-Infected Individuals. <i>Frontiers in Immunology</i> , 2017, 8, 968.	2.2	89
12	Impact of human immunodeficiency virus 1 infection and inflammation on the composition and yield of cervical mononuclear cells in the female genital tract. <i>Immunology</i> , 2009, 128, e746-57.	2.0	84
13	Case report: mechanisms of HIV elite control in two African women. <i>BMC Infectious Diseases</i> , 2018, 18, 54.	1.3	82
14	Impact of Mucosal Inflammation on Cervical Human Immunodeficiency Virus (HIV-1)-Specific CD8 T-Cell Responses in the Female Genital Tract during Chronic HIV Infection. <i>Journal of Virology</i> , 2008, 82, 8529-8536.	1.5	81
15	Escape from recognition of SARS-CoV-2 variant spike epitopes but overall preservation of T cell immunity. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	77
16	Association of HIV-Specific and Total CD8+ T Memory Phenotypes in Subtype C HIV-1 Infection with Viral Set Point. <i>Journal of Immunology</i> , 2009, 182, 4751-4761.	0.4	75
17	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
18	Immune Activation in the Female Genital Tract During HIV Infection Predicts Mucosal CD4 Depletion and HIV Shedding. <i>Journal of Infectious Diseases</i> , 2011, 204, 1550-1556.	1.9	66

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19	SARS-CoV-2 Beta and Delta variants trigger Fc effector function with increased cross-reactivity. <i>Cell Reports Medicine</i> , 2022, 3, 100510.	3.3	51
20	Design and preclinical evaluation of a multigene human immunodeficiency virus type 1 subtype C DNA vaccine for clinical trial. <i>Journal of General Virology</i> , 2006, 87, 399-410.	1.3	49
21	Distinct Cytokine Patterns in Semen Influence Local HIV Shedding and HIV Target Cell Activation. <i>Journal of Infectious Diseases</i> , 2014, 209, 1174-1184.	1.9	42
22	Prospects for SARS-CoV-2 diagnostics, therapeutics and vaccines in Africa. <i>Nature Reviews Microbiology</i> , 2020, 18, 690-704.	13.6	42
23	Characterization of <i>Mycobacterium tuberculosis</i> -Specific Cells Using MHC Class II Tetramers Reveals Phenotypic Differences Related to HIV Infection and Tuberculosis Disease. <i>Journal of Immunology</i> , 2017, 199, 2440-2450.	0.4	40
24	Construction, Characterization, and Immunogenicity of a Multigene Modified Vaccinia Ankara (MVA) Vaccine Based on HIV Type 1 Subtype C. <i>AIDS Research and Human Retroviruses</i> , 2008, 24, 195-206.	0.5	39
25	Broad, high-magnitude and multifunctional CD4+ and CD8+ T-cell responses elicited by a DNA and modified vaccinia Ankara vaccine containing human immunodeficiency virus type 1 subtype C genes in baboons. <i>Journal of General Virology</i> , 2009, 90, 468-480.	1.3	36
26	Differential Impact of Magnitude, Polyfunctional Capacity, and Specificity of HIV-Specific CD8 ⁺ T Cell Responses on HIV Set Point. <i>Journal of Virology</i> , 2014, 88, 1819-1824.	1.5	36
27	SARS-CoV-2 Antigens Expressed in Plants Detect Antibody Responses in COVID-19 Patients. <i>Frontiers in Plant Science</i> , 2021, 12, 589940.	1.7	31
28	Ad26.COVS.S breakthrough infections induce high titers of neutralizing antibodies against Omicron and other SARS-CoV-2 variants of concern. <i>Cell Reports Medicine</i> , 2022, 3, 100535.	3.3	31
29	Effect of HIV on the Frequency and Number of <i>Mycobacterium tuberculosis</i> -Specific CD4+ T Cells in Blood and Airways During Latent <i>M. tuberculosis</i> Infection. <i>Journal of Infectious Diseases</i> , 2017, 216, 1550-1560.	1.9	28
30	Robust Immunity to an Auxotrophic <i>Mycobacterium bovis</i> BCG-VLP Prime-Boost HIV Vaccine Candidate in a Nonhuman Primate Model. <i>Journal of Virology</i> , 2013, 87, 5151-5160.	1.5	27
31	HIV Skews the Lineage-Defining Transcriptional Profile of <i>Mycobacterium tuberculosis</i> -Specific CD4+ T Cells. <i>Journal of Immunology</i> , 2016, 196, 3006-3018.	0.4	27
32	Restoration of CD4+ Responses to Copathogens in HIV-Infected Individuals on Antiretroviral Therapy Is Dependent on T Cell Memory Phenotype. <i>Journal of Immunology</i> , 2015, 195, 2273-2281.	0.4	24
33	Performance of the EUROIIMMUN Anti-SARS-CoV-2 ELISA Assay for detection of IgA and IgG antibodies in South Africa. <i>PLoS ONE</i> , 2021, 16, e0252317.	1.1	23
34	A Multigene HIV Type 1 Subtype C Modified Vaccinia Ankara (MVA) Vaccine Efficiently Boosts Immune Responses to a DNA Vaccine in Mice. <i>AIDS Research and Human Retroviruses</i> , 2008, 24, 207-217.	0.5	22
35	Comparison of polyclonal expansion methods to improve the recovery of cervical cytobrush-derived T cells from the female genital tract of HIV-infected women. <i>Journal of Immunological Methods</i> , 2010, 354, 68-79.	0.6	22
36	Residual T cell activation and skewed CD8+ T cell memory differentiation despite antiretroviral therapy-induced HIV suppression. <i>Clinical Immunology</i> , 2018, 195, 127-138.	1.4	22

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37	Characterization of HIV-1 gag and nef in Cameroon: further evidence of extreme diversity at the origin of the HIV-1 group M epidemic. <i>Virology Journal</i> , 2013, 10, 29.	1.4	20
38	Age, Disease Severity and Ethnicity Influence Humoral Responses in a Multi-Ethnic COVID-19 Cohort. <i>Viruses</i> , 2021, 13, 786.	1.5	20
39	Selective reduction of IFN- γ single positive mycobacteria-specific CD4+ T cells in HIV-1 infected individuals with latent tuberculosis infection. <i>Tuberculosis</i> , 2016, 101, 25-30.	0.8	19
40	T cell-tropic HIV efficiently infects alveolar macrophages through contact with infected CD4+T cells. <i>Scientific Reports</i> , 2021, 11, 3890.	1.6	19
41	Increased Memory Differentiation Is Associated with Decreased Polyfunctionality for HIV but Not for Cytomegalovirus-Specific CD8+T Cells. <i>Journal of Immunology</i> , 2012, 189, 3838-3847.	0.4	18
42	Challenges in the Design of a T Cell Vaccine in the Context of HIV-1 Diversity. <i>Viruses</i> , 2014, 6, 3968-3990.	1.5	18
43	Effect of Antiretroviral Therapy on the Memory and Activation Profiles of B Cells in HIV-Infected African Women. <i>Journal of Immunology</i> , 2017, 198, 1220-1228.	0.4	18
44	Inflammatory Cytokine Profiles of Semen Influence Cytokine Responses of Cervicovaginal Epithelial Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2721.	2.2	18
45	The novel capripoxvirus vector lumpy skin disease virus efficiently boosts modified vaccinia Ankara human immunodeficiency virus responses in rhesus macaques. <i>Journal of General Virology</i> , 2014, 95, 2267-2272.	1.3	16
46	Isolation and characterization of T cells from semen. <i>Journal of Immunological Methods</i> , 2012, 375, 223-231.	0.6	15
47	Near full-length HIV type 1M genomic sequences from Cameroon. <i>Evolution, Medicine and Public Health</i> , 2015, 2015, 254-265.	1.1	15
48	Polyclonal expansion of cervical cytobrush-derived T cells to investigate HIV-specific responses in the female genital tract. <i>Immunology</i> , 2010, 130, 23-33.	2.0	13
49	HIV-specific T cell responses detected in the genital tract of chronically HIV-infected women are largely monofunctional. <i>Immunology</i> , 2013, 139, 342-351.	2.0	13
50	Escape from recognition of SARS-CoV-2 Beta variant spike epitopes but overall preservation of T cell immunity. <i>Science Translational Medicine</i> , 2021, , eabj6824.	5.8	11
51	Detection of natural infection with <i>Mycobacterium intracellulare</i> in healthy wild-caught Chacma baboons (<i>Papio ursinus</i>) by ESAT-6 and CFP-10 IFN- γ ELISPOT tests following a tuberculosis outbreak. <i>BMC Microbiology</i> , 2008, 8, 27.	1.3	10
52	Intra- and Inter-clade Cross-reactivity by HIV-1 Gag Specific T-Cells Reveals Exclusive and Commonly Targeted Regions: Implications for Current Vaccine Trials. <i>PLoS ONE</i> , 2011, 6, e26096.	1.1	10
53	Th22 Cells Are a Major Contributor to the Mycobacterial CD4+ T Cell Response and Are Depleted During HIV Infection. <i>Journal of Immunology</i> , 2021, 207, 1239-1249.	0.4	10
54	Performance of the Abbott SARS-CoV-2 IgG serological assay in South African 2 patients. <i>PLoS ONE</i> , 2022, 17, e0262442.	1.1	9

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55	Refined Identification of Neutralization-Resistant HIV-1 CRF02_AG Viruses. <i>Journal of Virology</i> , 2012, 86, 7699-7703.	1.5	7
56	DNA-MVA-protein vaccination of rhesus macaques induces HIV-specific immunity in mucosal-associated lymph nodes and functional antibodies. <i>Vaccine</i> , 2017, 35, 929-937.	1.7	7
57	Shared N417-Dependent Epitope on the SARS-CoV-2 Omicron, Beta, and Delta Plus Variants. <i>Journal of Virology</i> , 2022, 96, .	1.5	7
58	Phylogenetics of HIV-1 subtype G env: Greater complexity and older origins than previously reported. <i>Infection, Genetics and Evolution</i> , 2015, 35, 9-18.	1.0	6
59	Dysregulation of the Immune Environment in the Airways During HIV Infection. <i>Frontiers in Immunology</i> , 2021, 12, 707355.	2.2	6
60	SARS-CoV-2 Infection Is Associated with Uncontrolled HIV Viral Load in Non-Hospitalized HIV-Infected Patients from Gugulethu, South Africa. <i>Viruses</i> , 2022, 14, 1222.	1.5	5
61	Immunological Correlates of the HIV-1 Replication-Competent Reservoir Size. <i>Clinical Infectious Diseases</i> , 2021, 73, 1528-1531.	2.9	4
62	The challenges of HIV vaccine development and testing. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2005, 19, 277-291.	1.4	3
63	Striking lack of T cell immunodominance in both a multiclade and monoclade HIV-1 epidemic: Implications for vaccine development. <i>Vaccine</i> , 2014, 32, 2328-2336.	1.7	3
64	Evaluating potential T-cell epitope peptides for detecting HIV-specific T cell responses in a highly diverse HIV-1 epidemic from Cameroon. <i>Aids</i> , 2015, 29, 635-639.	1.0	2
65	Teaching advanced flow cytometry in Africa: 10 years of lessons learned. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 971-974.	1.1	2
66	Validation of Roche immunoassay for severe acute respiratory coronavirus 2 in South Africa. <i>Southern African Journal of Infectious Diseases</i> , 2021, 36, .	0.3	2
67	Characterization of <i>Mycobacterium tuberculosis</i> "Specific Th22 Cells and the Effect of Tuberculosis Disease and HIV Coinfection. <i>Journal of Immunology</i> , 0, , ji2200140.	0.4	2
68	Transient global T cell activation after vaccination of rhesus macaques with a DNA-poxvirus vaccine regimen for HIV. <i>Vaccine</i> , 2015, 33, 3435-3439.	1.7	1
69	From Bench to Bedside: Lessons from HIV's Natural History Cohort Studies. , 2017, , 137-152.		0