

Paul A Goepfert

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109
papers

9,686
citations

40
h-index

98
g-index

159
ext. papers

10,905
ext. citations

7.5
avg, IF

5.13
L-index

#	Paper	IF	Citations
109	HIV nonprogressors preferentially maintain highly functional HIV-specific CD8+ T cells. <i>Blood</i> , 2006 , 107, 4781-9	2.2	1477
108	Identification and characterization of transmitted and early founder virus envelopes in primary HIV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 7552-7	11.5	1472
107	Human immunodeficiency virus type 1 env clones from acute and early subtype B infections for standardized assessments of vaccine-elicited neutralizing antibodies. <i>Journal of Virology</i> , 2005 , 79, 10108-25	6.6	939
106	The major genetic determinants of HIV-1 control affect HLA class I peptide presentation. <i>Science</i> , 2010 , 330, 1551-7	33.3	884
105	Magnitude of functional CD8+ T-cell responses to the gag protein of human immunodeficiency virus type 1 correlates inversely with viral load in plasma. <i>Journal of Virology</i> , 2002 , 76, 2298-305	6.6	307
104	Perforin expression directly ex vivo by HIV-specific CD8 T-cells is a correlate of HIV elite control. <i>PLoS Pathogens</i> , 2010 , 6, e1000917	7.6	246
103	Escape and compensation from early HLA-B57-mediated cytotoxic T-lymphocyte pressure on human immunodeficiency virus type 1 Gag alter capsid interactions with cyclophilin A. <i>Journal of Virology</i> , 2007 , 81, 12608-18	6.6	224
102	Transmission of HIV-1 Gag immune escape mutations is associated with reduced viral load in linked recipients. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1009-17	16.6	187
101	Compensatory mutation partially restores fitness and delays reversion of escape mutation within the immunodominant HLA-B*5703-restricted Gag epitope in chronic human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , 2007 , 81, 8346-51	6.6	186
100	HIV transmission. Selection bias at the heterosexual HIV-1 transmission bottleneck. <i>Science</i> , 2014 , 345, 1254031	33.3	177
99	A significant number of human immunodeficiency virus epitope-specific cytotoxic T lymphocytes detected by tetramer binding do not produce gamma interferon. <i>Journal of Virology</i> , 2000 , 74, 10249-55	6.6	171
98	Immune suppression by neutrophils in HIV-1 infection: role of PD-L1/PD-1 pathway. <i>PLoS Pathogens</i> , 2014 , 10, e1003993	7.6	164
97	Evolution of HLA-B*5703 HIV-1 escape mutations in HLA-B*5703-positive individuals and their transmission recipients. <i>Journal of Experimental Medicine</i> , 2009 , 206, 909-21	16.6	149
96	Phase 1 safety and immunogenicity testing of DNA and recombinant modified vaccinia Ankara vaccines expressing HIV-1 virus-like particles. <i>Journal of Infectious Diseases</i> , 2011 , 203, 610-9	7	136
95	Modeling sequence evolution in acute HIV-1 infection. <i>Journal of Theoretical Biology</i> , 2009 , 261, 341-60	2.3	128
94	A phase IIA randomized clinical trial of a multiclade HIV-1 DNA prime followed by a multiclade rAd5 HIV-1 vaccine boost in healthy adults (HVTN204). <i>PLoS ONE</i> , 2011 , 6, e21225	3.7	120
93	Characterization of functional and phenotypic changes in anti-Gag vaccine-induced T cell responses and their role in protection after HIV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 4512-7	11.5	119

92	Molecular ecology and natural history of simian foamy virus infection in wild-living chimpanzees. <i>PLoS Pathogens</i> , 2008 , 4, e1000097	7.6	111
91	QS-21 promotes an adjuvant effect allowing for reduced antigen dose during HIV-1 envelope subunit immunization in humans. <i>Vaccine</i> , 2001 , 19, 2080-91	4.1	111
90	Antigen burden is major determinant of human immunodeficiency virus-specific CD8+ T cell maturation state: potential implications for therapeutic immunization. <i>Journal of Infectious Diseases</i> , 2003 , 187, 364-74	7	105
89	HIV-1 epitope-specific CD8+ T cell responses strongly associated with delayed disease progression cross-recognize epitope variants efficiently. <i>Journal of Immunology</i> , 2006 , 176, 6130-46	5.3	91
88	Glycoprotein B vaccine is capable of boosting both antibody and CD4 T-cell responses to cytomegalovirus in chronically infected women. <i>Journal of Infectious Diseases</i> , 2011 , 203, 1534-41	7	86
87	Durable HIV-1 antibody and T-cell responses elicited by an adjuvanted multi-protein recombinant vaccine in uninfected human volunteers. <i>Vaccine</i> , 2007 , 25, 510-8	4.1	78
86	Safety and Immunogenicity of a High-Titered Canarypox Vaccine in Combination With rgp120 in a Diverse Population of HIV-1 Uninfected Adults: AIDS Vaccine Evaluation Group Protocol 022A. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2002 , 29, 254-261	3.1	77
85	Role of transmitted Gag CTL polymorphisms in defining replicative capacity and early HIV-1 pathogenesis. <i>PLoS Pathogens</i> , 2012 , 8, e1003041	7.6	70
84	Specificity and 6-month durability of immune responses induced by DNA and recombinant modified vaccinia Ankara vaccines expressing HIV-1 virus-like particles. <i>Journal of Infectious Diseases</i> , 2014 , 210, 99-110	7	67
83	Impact of pre-adapted HIV transmission. <i>Nature Medicine</i> , 2016 , 22, 606-13	50.5	66
82	Interleukin-21-producing HIV-1-specific CD8 T cells are preferentially seen in elite controllers. <i>Journal of Virology</i> , 2011 , 85, 2316-24	6.6	65
81	Replicative fitness of transmitted HIV-1 drives acute immune activation, proviral load in memory CD4+ T cells, and disease progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1480-9	11.5	63
80	Breast milk-derived antigen-specific CD8+ T cells: an extralymphoid effector memory cell population in humans. <i>Journal of Immunology</i> , 2005 , 174, 2951-6	5.3	61
79	CD8 T cell response and evolutionary pressure to HIV-1 cryptic epitopes derived from antisense transcription. <i>Journal of Experimental Medicine</i> , 2010 , 207, 51-9	16.6	60
78	Multifunctional T-cell characteristics induced by a polyvalent DNA prime/protein boost human immunodeficiency virus type 1 vaccine regimen given to healthy adults are dependent on the route and dose of administration. <i>Journal of Virology</i> , 2008 , 82, 6458-69	6.6	60
77	High-dose recombinant Canarypox vaccine expressing HIV-1 protein, in seronegative human subjects. <i>Journal of Infectious Diseases</i> , 2005 , 192, 1249-59	7	60
76	Comparison of systemic and mucosal delivery of 2 canarypox virus vaccines expressing either HIV-1 genes or the gene for rabies virus G protein. <i>Journal of Infectious Diseases</i> , 2004 , 189, 1221-31	7	55
75	Human immunodeficiency virus-specific CD8(+) T cells in human breast milk. <i>Journal of Virology</i> , 2002 , 76, 7365-73	6.6	53

74	TOX is expressed by exhausted and polyfunctional human effector memory CD8 T cells. <i>Science Immunology</i> , 2020 , 5,	28	52
73	A phase I trial of preventive HIV vaccination with heterologous poxviral-vectors containing matching HIV-1 inserts in healthy HIV-uninfected subjects. <i>Vaccine</i> , 2011 , 29, 1948-58	4.1	47
72	Cumulative impact of host and viral factors on HIV-1 viral-load control during early infection. <i>Journal of Virology</i> , 2013 , 87, 708-15	6.6	44
71	Sustained cellular immune dysregulation in individuals recovering from SARS-CoV-2 infection. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	41
70	CD8 T-cell responses in early HIV-1 infection are skewed towards high entropy peptides. <i>Aids</i> , 2005 , 19, 241-50	3.5	41
69	HIV-1 latency and virus production from unintegrated genomes following direct infection of resting CD4 T cells. <i>Retrovirology</i> , 2016 , 13, 1	3.6	40
68	Transmitted virus fitness and host T cell responses collectively define divergent infection outcomes in two HIV-1 recipients. <i>PLoS Pathogens</i> , 2015 , 11, e1004565	7.6	39
67	Profiles of human serum antibody responses elicited by three leading HIV vaccines focusing on the induction of Env-specific antibodies. <i>PLoS ONE</i> , 2010 , 5, e13916	3.7	39
66	Characterization of programmed death-1 homologue-1 (PD-1H) expression and function in normal and HIV infected individuals. <i>PLoS ONE</i> , 2014 , 9, e109103	3.7	39
65	Safety and immunogenicity of SARS-CoV-2 recombinant protein vaccine formulations in healthy adults: interim results of a randomised, placebo-controlled, phase 1-2, dose-ranging study. <i>Lancet Infectious Diseases</i> , 2021 , 21, 1257-1270	25.5	39
64	Interleukin-2 production by polyfunctional HIV-1-specific CD8 T cells is associated with enhanced viral suppression. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2011 , 58, 132-40	3.1	38
63	Safety and Immunogenicity of Modified Vaccinia Ankara-Bavarian Nordic Smallpox Vaccine in Vaccinia-Naive and Experienced Human Immunodeficiency Virus-Infected Individuals: An Open-Label, Controlled Clinical Phase II Trial. <i>Open Forum Infectious Diseases</i> , 2015 , 2, ofv040	1	37
62	Safety and immunogenicity of an HIV adenoviral vector boost after DNA plasmid vaccine prime by route of administration: a randomized clinical trial. <i>PLoS ONE</i> , 2011 , 6, e24517	3.7	36
61	An endoplasmic reticulum retrieval signal partitions human foamy virus maturation to intracytoplasmic membranes. <i>Journal of Virology</i> , 1999 , 73, 7210-7	6.6	33
60	Immunological control of chronic HIV-1 infection: HLA-mediated immune function and viral evolution in adolescents. <i>Aids</i> , 2007 , 21, 2387-97	3.5	32
59	Cross-reactive CD8+ T cell epitopes identified in US adolescent minorities. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2003 , 33, 426-38	3.1	32
58	Foamy virus envelope glycoprotein is sufficient for particle budding and release. <i>Journal of Virology</i> , 2003 , 77, 2338-48	6.6	31
57	Intranasal seasonal influenza vaccine and a TLR-3 agonist, rintatolimod, induced cross-reactive IgA antibody formation against avian H5N1 and H7N9 influenza HA in humans. <i>Vaccine</i> , 2014 , 32, 5490-5	4.1	30

56	Safety and immunogenicity of two heterologous HIV vaccine regimens in healthy, HIV-uninfected adults (TRAVERSE): a randomised, parallel-group, placebo-controlled, double-blind, phase 1/2a study. <i>Lancet HIV</i> , 2020 , 7, e688-e698	7.8	28
55	Balance between transmitted HLA preadapted and nonassociated polymorphisms is a major determinant of HIV-1 disease progression. <i>Journal of Experimental Medicine</i> , 2016 , 213, 2049-63	16.6	27
54	The HIV-1 antisense protein (ASP) induces CD8 T cell responses during chronic infection. <i>Retrovirology</i> , 2015 , 12, 15	3.6	24
53	SARS-CoV-2-specific circulating T follicular helper cells correlate with neutralizing antibodies and increase during early convalescence. <i>PLoS Pathogens</i> , 2021 , 17, e1009761	7.6	24
52	Treatment response in acute/early infection versus advanced AIDS: equivalent first and second phases of HIV RNA decline. <i>Aids</i> , 2008 , 22, 957-62	3.5	22
51	KIR2DS4 promotes HIV-1 pathogenesis: new evidence from analyses of immunogenetic data and natural killer cell function. <i>PLoS ONE</i> , 2014 , 9, e99353	3.7	22
50	Functionally competent antigen-specific CD127(hi) memory CD8+ T cells are preserved only in HIV-infected individuals receiving early treatment. <i>Journal of Infectious Diseases</i> , 2007 , 195, 108-17	7	20
49	Immunogenicity of a novel Clade B HIV-1 vaccine combination: Results of phase 1 randomized placebo controlled trial of an HIV-1 GM-CSF-expressing DNA prime with a modified vaccinia Ankara vaccine boost in healthy HIV-1 uninfected adults. <i>PLoS ONE</i> , 2017 , 12, e0179597	3.7	20
48	Diminished CD103 (B7) Expression on Resident T Cells from the Female Genital Tract of HIV-Positive Women. <i>Pathogens and Immunity</i> , 2016 , 1, 371-387	4.9	20
47	Therapeutic activity of an inhaled potent SARS-CoV-2 neutralizing human monoclonal antibody in hamsters. <i>Cell Reports Medicine</i> , 2021 , 2, 100218	18	20
46	HIV-1-Specific CD8 T Cells Exhibit Limited Cross-Reactivity during Acute Infection. <i>Journal of Immunology</i> , 2016 , 196, 3276-86	5.3	20
45	Effects of atorvastatin and pravastatin on immune activation and T-cell function in antiretroviral therapy-suppressed HIV-1-infected patients. <i>Aids</i> , 2014 , 28, 2627-2631	3.5	19
44	Characterization of the R572T point mutant of a putative cleavage site in human foamy virus Env. <i>Journal of Virology</i> , 2000 , 74, 2949-54	6.6	19
43	Stable Phenotypic Changes of the Host T Cells Are Essential to the Long-Term Stability of Latent HIV-1 Infection. <i>Journal of Virology</i> , 2015 , 89, 6656-72	6.6	18
42	Menstrual blood as a potential source of endometrial derived CD3+ T cells. <i>PLoS ONE</i> , 2011 , 6, e28894	3.7	18
41	Normal T-cell activation in elite controllers with preserved CD4+ T-cell counts. <i>Aids</i> , 2015 , 29, 2245-54	3.5	17
40	Host factor transcriptional regulation contributes to preferential expression of HIV type 1 in IL-4-producing CD4 T cells. <i>Journal of Immunology</i> , 2012 , 189, 2746-57	5.3	17
39	Safety and Immunogenicity of a Recombinant Adenovirus Serotype 35-Vectored HIV-1 Vaccine in Adenovirus Serotype 5 Seronegative and Seropositive Individuals. <i>Journal of AIDS & Clinical Research</i> , 2015 , 6,	1	15

38	Dysregulation of Systemic and Mucosal Humoral Responses to Microbial and Food Antigens as a Factor Contributing to Microbial Translocation and Chronic Inflammation in HIV-1 Infection. <i>PLoS Pathogens</i> , 2017 , 13, e1006087	7.6	14
37	Convalescent plasma-mediated resolution of COVID-19 in a patient with humoral immunodeficiency. <i>Cell Reports Medicine</i> , 2021 , 2, 100164	18	14
36	Analysis of west African hunters for foamy virus infections. <i>AIDS Research and Human Retroviruses</i> , 1996 , 12, 1725-30	1.6	13
35	CD8 T cells targeting adapted epitopes in chronic HIV infection promote dendritic cell maturation and CD4 T cell trans-infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007970	7.6	12
34	HLA Class-II Associated HIV Polymorphisms Predict Escape from CD4+ T Cell Responses. <i>PLoS Pathogens</i> , 2015 , 11, e1005111	7.6	12
33	Reply to Jakovac and to Rocha et al.: Can vitamin D prevent or manage COVID-19 illness?. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E455-E457	6	12
32	Peripheral CD4 T follicular cells induced by a conjugated pneumococcal vaccine correlate with enhanced opsonophagocytic antibody responses in younger individuals. <i>Vaccine</i> , 2020 , 38, 1778-1786	4.1	11
31	Understanding the CD8 T-cell response in natural HIV control. <i>F1000Research</i> , 2018 , 7,	3.6	9
30	Enhanced Recognition of HIV-1 Cryptic Epitopes Restricted by HLA Class I Alleles Associated With a Favorable Clinical Outcome. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 70, 1-8	3.1	8
29	Phase I/II randomized trial of safety and immunogenicity of LIPO-5 alone, ALVAC-HIV (vCP1452) alone, and ALVAC-HIV (vCP1452) prime/LIPO-5 boost in healthy, HIV-1-uninfected adult participants. <i>Vaccine Journal</i> , 2014 , 21, 1589-99		8
28	Duration of post-COVID-19 symptoms is associated with sustained SARS-CoV-2-specific immune responses. <i>JCI Insight</i> , 2021 , 6,	9.9	8
27	Antigenic competition in CD4 T cell responses in a randomized, multicenter, double-blind clinical HIV vaccine trial. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	8
26	CD151 Expression Is Associated with a Hyperproliferative T Cell Phenotype. <i>Journal of Immunology</i> , 2017 , 199, 3336-3347	5.3	7
25	Immune activation is associated with CD8 T cell interleukin-21 production in HIV-1-infected individuals. <i>Journal of Virology</i> , 2014 , 88, 10259-63	6.6	6
24	Characterization of Type-I IFN subtype autoantibodies and activity in SLE serum and urine. <i>Lupus</i> , 2020 , 29, 1095-1105	2.6	5
23	Cross-Reactive CD8 T-Cell Responses Elicited by Adenovirus Type 5-Based HIV-1 Vaccines Contributed to Early Viral Evolution in Vaccine Recipients Who Became Infected. <i>Journal of Virology</i> , 2020 , 94,	6.6	5
22	HLA-I Associated Adaptation Dampens CD8 T-Cell Responses in HIV Ad5-Vectored Vaccine Recipients. <i>Journal of Infectious Diseases</i> , 2019 , 220, 1620-1628	7	5
21	Mechanistic inferences from clinical reports of SARS-CoV-2. <i>Infectious Diseases</i> , 2020 , 52, 527-537	3.1	4

20	Progressive lentivirus infection induces natural killer cell receptor-expressing B cells in the gastrointestinal tract. <i>Aids</i> , 2018 , 32, 1571-1578	3.5	4
19	Human immunodeficiency virus vaccines. <i>Infectious Disease Clinics of North America</i> , 2014 , 28, 615-31	6.5	4
18	Characterization of T-cell responses to cryptic epitopes in recipients of a noncodon-optimized HIV-1 vaccine. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014 , 65, 142-50	3.1	4
17	Use of Dried Blood Spots to Elucidate Full-Length Transmitted/Founder HIV-1 Genomes. <i>Pathogens and Immunity</i> , 2016 , 1, 129-153	4.9	4
16	SARS-CoV-2-specific peripheral T follicular helper cells correlate with neutralizing antibodies and increase during convalescence 2020 ,		4
15	Meta-analysis of HIV-1 vaccine elicited mucosal antibodies in humans. <i>Npj Vaccines</i> , 2021 , 6, 56	9.5	4
14	CD4+ T cells from HIV-1 patients with impaired Th1 effector responses to Mycobacterium tuberculosis exhibit diminished histone and nucleoprotein signatures. <i>Clinical Immunology</i> , 2017 , 181, 16-23	9	3
13	Sustained Cellular Immune Dysregulation in Individuals Recovering from SARS-CoV-2 Infection		3
12	Impact of vaccine type on HIV-1 vaccine elicited antibody durability and B cell gene signature. <i>Scientific Reports</i> , 2020 , 10, 13031	4.9	2
11	HLA-E-restricted HIV-1-specific CD8+ T cell responses in natural infection. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	2
10	Better Viral Control despite Higher CD4 T Cell Activation during Acute HIV-1 Infection in Zambian Women Is Linked to the Sex Hormone Estradiol. <i>Journal of Virology</i> , 2020 , 94,	6.6	1
9	Immunogenetic factors in early immune control of human immunodeficiency virus type 1 (HIV-1) infection: Evaluation of HLA class I amino acid variants in two African populations. <i>Human Immunology</i> , 2018 , 79, 166-171	2.3	1
8	Dynamics and Correlates of CD8 T-Cell Counts in Africans with Primary Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2016 , 90, 10423-10430	6.6	1
7	Antisense-Derived HIV-1 Cryptic Epitopes Are Not Major Drivers of Viral Evolution during the Acute Phase of Infection. <i>Journal of Virology</i> , 2018 , 92,	6.6	1
6	Elevated HIV Infection of CD4 T Cells in MRKAd5 Vaccine Recipients Due to CD8 T Cells Targeting Adapted Epitopes. <i>Journal of Virology</i> , 2021 , 95, e0016021	6.6	1
5	Cross-Reactivity to Mutated Viral Immune Targets Can Influence CD8 T Cell Functionality: An Alternative Viral Adaptation Strategy. <i>Frontiers in Immunology</i> , 2021 , 12, 746986	8.4	0
4	AIDSVAX protein boost improves breadth and magnitude of vaccine-induced HIV-1 envelope-specific responses after a 7-year rest period. <i>Vaccine</i> , 2021 , 39, 4641-4650	4.1	0
3	Short Communication: Apoptotic Membrane Microparticles Quantified by Fluorescent Bead-Based Assay Are Elevated in HIV and SIV Infections. <i>AIDS Research and Human Retroviruses</i> , 2018 , 34, 446-448	1.6	

2 Human Immunodeficiency Viruses Types 1 and 2 **2014**, 1001-1062

1 Safety and immunogenicity of monovalent H7N9 influenza vaccine with AS03 adjuvant given sequentially or simultaneously with a seasonal influenza vaccine: A randomized clinical trial.. *Vaccine*, **2022**, 40, 3253-3253

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