

# Georgios Pollakis

## List of Publications by Year in descending order

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76  
papers

3,208  
citations

186265

28  
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161849

54  
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77  
all docs

77  
docs citations

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times ranked

5087  
citing authors

#	ARTICLE	IF	CITATIONS
1	PD-1+ and follicular helper T cells are responsible for persistent HIV-1 transcription in treated aviremic individuals. <i>Nature Medicine</i> , 2016, 22, 754-761.	30.7	388
2	Virus genomes reveal factors that spread and sustained the Ebola epidemic. <i>Nature</i> , 2017, 544, 309-315.	27.8	346
3	Temporal and spatial analysis of the 2014-2015 Ebola virus outbreak in West Africa. <i>Nature</i> , 2015, 524, 97-101.	27.8	272
4	Preferential infection and depletion of <i>Mycobacterium tuberculosis</i> -specific CD4 T cells after HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2010, 207, 2869-2881.	8.5	224
5	N-Linked Glycosylation of the HIV Type-1 gp120 Envelope Glycoprotein as a Major Determinant of CCR5 and CXCR4 Coreceptor Utilization. <i>Journal of Biological Chemistry</i> , 2001, 276, 13433-13441.	3.4	198
6	Lewis X component in human milk binds DC-SIGN and inhibits HIV-1 transfer to CD4+ T lymphocytes. <i>Journal of Clinical Investigation</i> , 2005, 115, 3256-3264.	8.2	161
7	HIV-1 subtype C syncytium- and non-syncytium-inducing phenotypes and coreceptor usage among Ethiopian patients with AIDS. <i>Aids</i> , 1999, 13, 1305-1311.	2.2	146
8	Intrapatient Alterations in the Human Immunodeficiency Virus Type 1 gp120 V1V2 and V3 Regions Differentially Modulate Coreceptor Usage, Virus Inhibition by CC/CXC Chemokines, Soluble CD4, and the b12 and 2G12 Monoclonal Antibodies. <i>Journal of Virology</i> , 2004, 78, 524-530.	3.4	89
9	Efficient Capture of Antibody Neutralized HIV-1 by Cells Expressing DC-SIGN and Transfer to CD4+ T Lymphocytes. <i>Journal of Immunology</i> , 2007, 178, 3177-3185.	0.8	75
10	Bile Salt-Stimulated Lipase from Human Milk Binds DC-SIGN and Inhibits Human Immunodeficiency Virus Type 1 Transfer to CD4 + T Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3367-3374.	3.2	72
11	Phenotypic and Genotypic Comparisons of CCR5- and CXCR4-Tropic Human Immunodeficiency Virus Type 1 Biological Clones Isolated from Subtype C-Infected Individuals. <i>Journal of Virology</i> , 2004, 78, 2841-2852.	3.4	57
12	Effect of chloroquine on reducing HIV-1 replication in vitro and the DC-SIGN mediated transfer of virus to CD4+ T-lymphocytes. <i>Retrovirology</i> , 2007, 4, 6.	2.0	53
13	Mucin 6 in seminal plasma binds DC-SIGN and potently blocks dendritic cell mediated transfer of HIV-1 to CD4+ T-lymphocytes. <i>Virology</i> , 2009, 391, 203-211.	2.4	51
14	Identification of a Genetic Subcluster of HIV Type 1 Subtype C (C <sub>2</sub> ) Widespread in Ethiopia. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1909-1914.	1.1	49
15	Blood CXCR3+ CD4 T Cells Are Enriched in Inducible Replication Competent HIV in Aviremic Antiretroviral Therapy-Treated Individuals. <i>Frontiers in Immunology</i> , 2018, 9, 144.	4.8	48
16	Use of Dried Spots of Whole Blood, Plasma, and Mother's Milk Collected on Filter Paper for Measurement of Human Immunodeficiency Virus Type 1 Burden. <i>Journal of Clinical Microbiology</i> , 2007, 45, 891-896.	3.9	46
17	Optimization of Human Immunodeficiency Virus Type 1 Envelope Glycoproteins with V1/V2 Deleted, Using Virus Evolution. <i>Journal of Virology</i> , 2009, 83, 368-383.	3.4	43
18	During Stably Suppressive Antiretroviral Therapy Integrated HIV-1 DNA Load in Peripheral Blood is Associated with the Frequency of CD8 Cells Expressing HLA-DR/DP/DQ. <i>EBioMedicine</i> , 2015, 2, 1153-1159.	6.1	43

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19	Broad Cross-Clade T-Cell Responses to Gag in Individuals Infected with Human Immunodeficiency Virus Type 1 Non-B Clades (A to G): Importance of HLA Anchor Residue Conservation. <i>Journal of Virology</i> , 2005, 79, 11247-11258.	3.4	41
20	Dendritic Cell-induced Activation of Latent HIV-1 Provirus in Actively Proliferating Primary T Lymphocytes. <i>PLoS Pathogens</i> , 2013, 9, e1003259.	4.7	39
21	Statins Disrupt CCR5 and RANTES Expression Levels in CD4+ T Lymphocytes In Vitro and Preferentially Decrease Infection of R5 Versus X4 HIV-1. <i>PLoS ONE</i> , 2007, 2, e470.	2.5	37
22	Altered dynamics and differential infection profiles of lymphoid and myeloid cell subsets during acute and chronic HIV-1 infection. <i>Journal of Leukocyte Biology</i> , 2011, 89, 785-795.	3.3	34
23	Measuring the Success of HIV-1 Cure Strategies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 134.	3.9	34
24	Timing of the HIV-1 subtype C epidemic in Ethiopia based on early virus strains and subsequent virus diversification. <i>Aids</i> , 2001, 15, 1555-1561.	2.2	33
25	Timing of the Introduction into Ethiopia of Subcluster C <sub>2</sub> of HIV Type 1 Subtype C. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 657-661.	1.1	33
26	Primary HIV-1 Subtype C Infection in Ethiopia. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2002, 30, 463-470.	2.1	32
27	Investigating the Influence of Ribavirin on Human Respiratory Syncytial Virus RNA Synthesis by Using a High-Resolution Transcriptome Sequencing Approach. <i>Journal of Virology</i> , 2016, 90, 4876-4888.	3.4	32
28	Lack of in vivo compartmentalization among HIV-1 infected na <sup>ï</sup> -ve and memory CD4+ T cell subsets. <i>Virology</i> , 2009, 393, 24-32.	2.4	30
29	Ebola virus antibody decay“stimulation in a high proportion of survivors. <i>Nature</i> , 2021, 590, 468-472.	27.8	30
30	HIV-1 Subtype C in Commercial Sex Workers in Addis Ababa, Ethiopia. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2000, 23, 120-127.	2.1	28
31	Recombination of HIV Type 1C (C <sub>2</sub> /C <sub>3</sub> ) in Ethiopia: Possible Link of EthHIV-1C <sub>2</sub> to Subtype C Sequences from the High-Prevalence Epidemics in India and Southern Africa. <i>AIDS Research and Human Retroviruses</i> , 2003, 19, 999-1008.	1.1	28
32	Dendritic Cells Preferentially Transfer CXCR4-Using Human Immunodeficiency Virus Type 1 Variants to CD4 <sup>+</sup> T Lymphocytes in <i>trans</i> . <i>Journal of Virology</i> , 2008, 82, 7886-7896.	3.4	25
33	Latency profiles of full length HIV-1 molecular clone variants with a subtype specific promoter. <i>Retrovirology</i> , 2011, 8, 73.	2.0	24
34	Binding of Human Milk to Pathogen Receptor DC-SIGN Varies with Bile Salt-Stimulated Lipase (BSSL) Gene Polymorphism. <i>PLoS ONE</i> , 2011, 6, e17316.	2.5	24
35	Detection, characterization, and enrollment of donors of Ebola convalescent plasma in Sierra Leone. <i>Transfusion</i> , 2018, 58, 1289-1298.	1.6	23
36	HIV-1 Autologous Antibody Neutralization Associates with Mother to Child Transmission. <i>PLoS ONE</i> , 2013, 8, e69274.	2.5	21

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37	Development of a Nucleic Acid Sequence-Based Amplification Assay That Uses gag -Based Molecular Beacons To Distinguish between Human Immunodeficiency Virus Type 1 Subtype C and C <sup>2</sup> Infections in Ethiopia. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1534-1541.	3.9	19
38	Use of (alternative) coreceptors for HIV entry. <i>Current Opinion in HIV and AIDS</i> , 2012, 7, 440-449.	3.8	19
39	Selective packaging of cellular miRNAs in HIV-1 particles. <i>Virus Research</i> , 2012, 169, 438-447.	2.2	18
40	Interaction of HIV-1 with dendritic cell-specific intercellular adhesion molecule-3-grabbing nonintegrin-expressing cells is influenced by gp120 envelope modifications associated with disease progression. <i>FEBS Journal</i> , 2006, 273, 4944-4958.	4.7	16
41	Quantitation of HIV-1 DNA with a sensitive TaqMan assay that has broad subtype specificity. <i>Journal of Virological Methods</i> , 2013, 187, 94-102.	2.1	15
42	Dendritic cells potently purge latent HIV-1 beyond TCR-stimulation, activating the PI3K-Akt-mTOR pathway. <i>EBioMedicine</i> , 2019, 42, 97-108.	6.1	15
43	HIV-1 Disease Progression Is Associated with Bile-Salt Stimulated Lipase (BSSL) Gene Polymorphism. <i>PLoS ONE</i> , 2012, 7, e32534.	2.5	14
44	High Resolution Analysis of Respiratory Syncytial Virus Infection In Vivo. <i>Viruses</i> , 2019, 11, 926.	3.3	13
45	Characterization of An HIV-1 Group M Variant That Is Distinct from The Known Subtypes. <i>AIDS Research and Human Retroviruses</i> , 2007, 23, 466-470.	1.1	11
46	Innate immune factors associated with HIV-1 transmission. <i>Current Opinion in HIV and AIDS</i> , 2011, 6, 341-347.	3.8	11
47	Colorectal Mucus Binds DC-SIGN and Inhibits HIV-1 Trans-Infection of CD4+ T-Lymphocytes. <i>PLoS ONE</i> , 2015, 10, e0122020.	2.5	11
48	Schistosoma mansoni soluble egg antigen (SEA) and recombinant Omega-1 modulate induced CD4+ T-lymphocyte responses and HIV-1 infection in vitro. <i>PLoS Pathogens</i> , 2019, 15, e1007924.	4.7	11
49	Differences in HIV Type 1 RNA Plasma Load Profile of Closely Related Cocirculating Ethiopian Subtype C Strains: C and C <sup>2</sup> . <i>AIDS Research and Human Retroviruses</i> , 2010, 26, 805-813.	1.1	10
50	HIV Type 1 Mother-to-Child Transmission Facilitated by Distinctive Glycosylation Sites in the gp120 Envelope Glycoprotein. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 715-724.	1.1	10
51	CD25 <sup>+</sup> FoxP3 <sup>+</sup> Memory CD4 T Cells Are Frequent Targets of HIV Infection <i>In Vivo</i> . <i>Journal of Virology</i> , 2016, 90, 8954-8967.	3.4	10
52	SNP rs688 within the low-density lipoprotein receptor (LDLR) gene associates with HCV susceptibility. <i>Liver International</i> , 2019, 39, 463-469.	3.9	10
53	Surveillance technology for HIV-1 subtype C in Ethiopia: An env-based NASBA molecular beacon assay to discriminate between subcluster C and C <sup>2</sup> . <i>Journal of Virological Methods</i> , 2005, 130, 22-29.	2.1	9
54	Comparative analysis and generation of a robust HIV-1 DNA quantification assay. <i>Journal of Virological Methods</i> , 2019, 263, 24-31.	2.1	9

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55	Evidence of Genetic Variability of Human Immunodeficiency Virus Type 1 in Plasma and Cervicovaginal Lavage in Ethiopian Women Seeking Care for Sexually Transmitted Infections. <i>AIDS Research and Human Retroviruses</i> , 2005, 21, 649-653.	1.1	8
56	Effects of helminths and Mycobacterium tuberculosis infection on HIV-1. <i>Current Opinion in HIV and AIDS</i> , 2012, 7, 260-267.	3.8	8
57	Association between gp120 envelope V1V2 and V4V5 variable loop profiles in a defined HIV-1 transmission cluster. <i>Aids</i> , 2015, 29, 1161-1171.	2.2	8
58	Generation of representative primary virus isolates from blood plasma after isolation of HIV-1 with CD44 MicroBeads. <i>Archives of Virology</i> , 2010, 155, 2017-2022.	2.1	7
59	Mapping of SARS-CoV-2 IgM and IgG in gingival crevicular fluid: Antibody dynamics and linkage to severity of COVID-19 in hospital inpatients. <i>Journal of Infection</i> , 2022, 85, 152-160.	3.3	6
60	HIV-1 (co)Receptors: Implications for Vaccine and Therapy Design. <i>Current Pharmaceutical Design</i> , 2010, 16, 3701-3715.	1.9	5
61	Measuring Proviral HIV-1 DNA: Hurdles and Improvements to an Assay Monitoring Integration Events Utilising Human Alu Repeat Sequences. <i>Life</i> , 2021, 11, 1410.	2.4	5
62	Human immunodeficiency virus type 1 gp120 envelope characteristics associated with disease progression differ in family members infected with genetically similar viruses. <i>Journal of General Virology</i> , 2013, 94, 20-29.	2.9	4
63	Generation of Liposomes to Study the Effect of Mycobacterium Tuberculosis Lipids on HIV-1 cis- and trans-Infections. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1945.	4.1	4
64	Varied sensitivity to therapy of HIV-1 strains in CD4+ lymphocyte sub-populations upon ART initiation. <i>AIDS Research and Therapy</i> , 2010, 7, 42.	1.7	3
65	Diagnostic accuracy of dried plasma spot specimens for HIV-1 viral load testing. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, Publish Ahead of Print, .	2.1	3
66	Increased HIV-1 Activity in Anal High-Grade Squamous Intraepithelial Lesions Compared With Unaffected Anal Mucosa in Men Who Have Sex With Men. <i>Clinical Infectious Diseases</i> , 2014, 58, 1634-1637.	5.8	2
67	Brugia malayi Antigen (BmA) Inhibits HIV-1 Trans-Infection but Neither BmA nor ES-62 Alter HIV-1 Infectivity of DC Induced CD4+ Th-Cells. <i>PLoS ONE</i> , 2016, 11, e0146527.	2.5	2
68	Bile-salt stimulated lipase polymorphisms do not associate with HCV susceptibility. <i>Virus Research</i> , 2019, 274, 197715.	2.2	1
69	Streptolysin O concentration and activity is central to in vivo phenotype and disease outcome in Group A Streptococcus infection. <i>Scientific Reports</i> , 2021, 11, 19011.	3.3	1
70	The HCV Envelope Glycoprotein Down-Modulates NF- $\kappa$ B Signalling and Associates With Stimulation of the Host Endoplasmic Reticulum Stress Pathway. <i>Frontiers in Immunology</i> , 2022, 13, 831695.	4.8	1
71	Generation of HIV-1 primary isolates representative of plasma variants using the U87.CD4 cell line. <i>Journal of Virological Methods</i> , 2010, 169, 341-350.	2.1	0
72	Transmission of Two Distinct HIV Type 1 Strains to an Individual That Were Harbored for Many Years by Another. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 225-227.	1.1	0

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73	HIV-1 Transmission: Influence of Bodily Secretions. , 2014, , 1-10.		0
74	Characterisation of Transmitted and Non-transmitted HIV in Index-recipient Transmission Pairs. AIDS Research and Human Retroviruses, 2014, 30, A223-A224.	1.1	0
75	RNA Detection and Subtype C Assessment of HIV-1 in Infants with Diarrhea in Ethiopia. Open AIDS Journal, 2009, 3, 19-23.	0.5	0
76	HIV-1 Transmission: Influence of Bodily Secretions. , 2018, , 920-928.		0