

Myron S Cohen

List of Publications by Citations

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106
papers

14,989
citations

46
h-index

113
g-index

113
ext. papers

17,713
ext. citations

13.7
avg, IF

5.74
L-index

#	Paper	IF	Citations
106	Prevention of HIV-1 infection with early antiretroviral therapy. <i>New England Journal of Medicine</i> , 2011 , 365, 493-505	59.2	5157
105	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
104	Antiretroviral Therapy for the Prevention of HIV-1 Transmission. <i>New England Journal of Medicine</i> , 2016 , 375, 830-9	59.2	889
103	Co-evolution of a broadly neutralizing HIV-1 antibody and founder virus. <i>Nature</i> , 2013 , 496, 469-76	50.4	759
102	Genetic identity, biological phenotype, and evolutionary pathways of transmitted/founder viruses in acute and early HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1273-89	16.6	600
101	Structure and immune recognition of trimeric pre-fusion HIV-1 Env. <i>Nature</i> , 2014 , 514, 455-61	50.4	576
100	Initial B-cell responses to transmitted human immunodeficiency virus type 1: virion-binding immunoglobulin M (IgM) and IgG antibodies followed by plasma anti-gp41 antibodies with ineffective control of initial viremia. <i>Journal of Virology</i> , 2008 , 82, 12449-63	6.6	452
99	Free radicals and phagocytic cells. <i>FASEB Journal</i> , 1995 , 9, 200-9	0.9	385
98	Effects of early versus delayed initiation of antiretroviral treatment on clinical outcomes of HIV-1 infection: results from the phase 3 HPTN 052 randomised controlled trial. <i>Lancet Infectious Diseases, The</i> , 2014 , 14, 281-90	25.5	345
97	The role of acute and early HIV infection in the spread of HIV and implications for transmission prevention strategies in Lilongwe, Malawi: a modelling study. <i>Lancet, The</i> , 2011 , 378, 256-68	40	251
96	Structural Repertoire of HIV-1-Neutralizing Antibodies Targeting the CD4 Supersite in 14 Donors. <i>Cell</i> , 2015 , 161, 1280-92	56.2	219
95	Cooperation of B cell lineages in induction of HIV-1-broadly neutralizing antibodies. <i>Cell</i> , 2014 , 158, 481-96	56.2	213
94	The detection of acute HIV infection. <i>Journal of Infectious Diseases</i> , 2010 , 202 Suppl 2, S270-7	7	188
93	The transferrin receptor expressed by gonococcal strain FA1090 is required for the experimental infection of human male volunteers. <i>Molecular Microbiology</i> , 1998 , 27, 611-6	4.1	184
92	Bacterial adaptation to oxidative stress: implications for pathogenesis and interaction with phagocytic cells. <i>FASEB Journal</i> , 1989 , 3, 2574-82	0.9	180
91	Antiretroviral treatment of HIV-1 prevents transmission of HIV-1: where do we go from here?. <i>Lancet, The</i> , 2013 , 382, 1515-24	40	177
90	Calcium chelator Quin 2 prevents hydrogen-peroxide-induced DNA breakage and cytotoxicity. <i>FEBS Journal</i> , 1989 , 182, 209-12		132

89	Staged induction of HIV-1 glycan-dependent broadly neutralizing antibodies. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	127
88	HIV partner notification is effective and feasible in sub-Saharan Africa: opportunities for HIV treatment and prevention. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2011 , 56, 437-42	3.1	124
87	Bottlenecks in HIV-1 transmission: insights from the study of founder viruses. <i>Nature Reviews Microbiology</i> , 2015 , 13, 414-25	22.2	120
86	Frequent detection of acute primary HIV infection in men in Malawi. <i>Aids</i> , 2004 , 18, 517-24	3.5	101
85	Detection of acute HIV infection: a field evaluation of the determine [®] HIV-1/2 Ag/Ab combo test. <i>Journal of Infectious Diseases</i> , 2012 , 205, 528-34	7	95
84	SARS-CoV-2 Variants in Patients with Immunosuppression. <i>New England Journal of Medicine</i> , 2021 , 385, 562-566	59.2	92
83	Analysis of genetic linkage of HIV from couples enrolled in the HIV Prevention Trials Network 052 trial. <i>Journal of Infectious Diseases</i> , 2011 , 204, 1918-26	7	88
82	Potent and broad HIV-neutralizing antibodies in memory B cells and plasma. <i>Science Immunology</i> , 2017 , 2,	28	86
81	HIV treatment as prevention: debate and commentary--will early infection compromise treatment-as-prevention strategies?. <i>PLoS Medicine</i> , 2012 , 9, e1001232	11.6	81
80	Effects of H ₂ O ₂ -producing lactobacilli on <i>Neisseria gonorrhoeae</i> growth and catalase activity. <i>Journal of Infectious Diseases</i> , 1994 , 170, 1209-15	7	80
79	Two Randomized Trials of Neutralizing Antibodies to Prevent HIV-1 Acquisition. <i>New England Journal of Medicine</i> , 2021 , 384, 1003-1014	59.2	77
78	Clinical and public health implications of acute and early HIV detection and treatment: a scoping review. <i>Journal of the International AIDS Society</i> , 2017 , 20, 21579	5.4	72
77	Genetic signatures in the envelope glycoproteins of HIV-1 that associate with broadly neutralizing antibodies. <i>PLoS Computational Biology</i> , 2010 , 6, e1000955	5	71
76	Improved detection of acute HIV-1 infection in sub-Saharan Africa: development of a risk score algorithm. <i>Aids</i> , 2007 , 21, 2237-42	3.5	71
75	A systematic review of syphilis serological treatment outcomes in HIV-infected and HIV-uninfected persons: rethinking the significance of serological non-responsiveness and the serofast state after therapy. <i>BMC Infectious Diseases</i> , 2015 , 15, 479	4	67
74	Chancroid, primary syphilis, genital herpes, and lymphogranuloma venereum in Antananarivo, Madagascar. <i>Journal of Infectious Diseases</i> , 1999 , 180, 1382-5	7	62
73	Undisclosed antiretroviral drug use in a multinational clinical trial (HIV Prevention Trials Network 052). <i>Journal of Infectious Diseases</i> , 2013 , 208, 1624-8	7	60
72	Mimicry of an HIV broadly neutralizing antibody epitope with a synthetic glycopeptide. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	59

71	Injectable Progestin-Only Contraception is Associated With Increased Levels of Pro-Inflammatory Cytokines in the Female Genital Tract. <i>American Journal of Reproductive Immunology</i> , 2015 , 74, 357-67	3.8	55
70	Strain-Specific V3 and CD4 Binding Site Autologous HIV-1 Neutralizing Antibodies Select Neutralization-Resistant Viruses. <i>Cell Host and Microbe</i> , 2015 , 18, 354-62	23.4	53
69	Antigenic variation of gonococcal pilin expression in vivo: analysis of the strain FA1090 pilin repertoire and identification of the pilS gene copies recombining with pilE during experimental human infection. <i>Microbiology (United Kingdom)</i> , 2001 , 147, 839-849	2.9	53
68	Basis and Statistical Design of the Passive HIV-1 Antibody Mediated Prevention (AMP) Test-of-Concept Efficacy Trials. <i>Statistical Communications in Infectious Diseases</i> , 2017 , 9,	0.7	50
67	How can we better identify early HIV infections?. <i>Current Opinion in HIV and AIDS</i> , 2015 , 10, 61-8	4.2	49
66	Curing HIV: Seeking to Target and Clear Persistent Infection. <i>Cell</i> , 2020 , 181, 189-206	56.2	48
65	Adherence to Early Antiretroviral Therapy: Results From HPTN 052, a Phase III, Multinational Randomized Trial of ART to Prevent HIV-1 Sexual Transmission in Serodiscordant Couples. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 69, 234-40	3.1	48
64	A Phase 2a clinical trial of Molnupiravir in patients with COVID-19 shows accelerated SARS-CoV-2 RNA clearance and elimination of infectious virus.. <i>Science Translational Medicine</i> , 2021 , 14, eabl7430	17.5	48
63	Cabotegravir for HIV Prevention in Cisgender Men and Transgender Women. <i>New England Journal of Medicine</i> , 2021 , 385, 595-608	59.2	48
62	Accelerating Development of SARS-CoV-2 Vaccines - The Role for Controlled Human Infection Models. <i>New England Journal of Medicine</i> , 2020 , 383, e63	59.2	46
61	Treatment as Prevention: Characterization of Partner Infections in the HIV Prevention Trials Network 052 Trial. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017 , 74, 112-116	3.1	46
60	Tracking HIV-1 recombination to resolve its contribution to HIV-1 evolution in natural infection. <i>Nature Communications</i> , 2018 , 9, 1928	17.4	46
59	Phagocytic cells in periodontal defense. Periodontal status of patients with chronic granulomatous disease of childhood. <i>Journal of Periodontology</i> , 1985 , 56, 611-7	4.6	41
58	Phenotypic Correlates of HIV-1 Macrophage Tropism. <i>Journal of Virology</i> , 2015 , 89, 11294-311	6.6	40
57	Preventing sexual transmission of HIV. <i>Clinical Infectious Diseases</i> , 2007 , 45 Suppl 4, S287-92	11.6	37
56	Sexually transmitted infections and associated socio-demographic and behavioural factors in women seeking primary care suggest Madagascar's vulnerability to rapid HIV spread. <i>Tropical Medicine and International Health</i> , 2001 , 6, 202-11	2.3	37
55	Virion incorporation of integrin $\alpha 7$ facilitates HIV-1 infection and intestinal homing. <i>Science Immunology</i> , 2017 , 2,	28	34
54	Sexually transmitted infections and HIV in the era of antiretroviral treatment and prevention: the biologic basis for epidemiologic synergy. <i>Journal of the International AIDS Society</i> , 2019 , 22 Suppl 6, e25335	5.4	28

53	Quantifying HIV transmission flow between high-prevalence hotspots and surrounding communities: a population-based study in Rakai, Uganda. <i>Lancet HIV,the</i> , 2020 , 7, e173-e183	7.8	26
52	Application of spin traps to biological systems. <i>Free Radical Research Communications</i> , 1990 , 9, 187-95		24
51	Challenges of HIV diagnosis and management in the context of pre-exposure prophylaxis (PrEP), post-exposure prophylaxis (PEP), test and start and acute HIV infection: a scoping review. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25419	5.4	24
50	Ongoing HIV Transmission and the HIV Care Continuum in North Carolina. <i>PLoS ONE</i> , 2015 , 10, e0127950	3.7	23
49	Ethical considerations in global HIV phylogenetic research. <i>Lancet HIV,the</i> , 2018 , 5, e656-e666	7.8	22
48	COVID-19 vaccines that reduce symptoms but do not block infection need higher coverage and faster rollout to achieve population impact. <i>Scientific Reports</i> , 2021 , 11, 15531	4.9	20
47	Virologic outcomes in early antiretroviral treatment: HPTN 052. <i>HIV Clinical Trials</i> , 2017 , 18, 100-109		18
46	Treatment to Prevent HIV Transmission in Serodiscordant Couples in Henan, China, 2006 to 2012. <i>Clinical Infectious Diseases</i> , 2015 , 61, 111-9	11.6	17
45	HIV-1 transmission during early antiretroviral therapy: evaluation of two HIV-1 transmission events in the HPTN 052 prevention study. <i>PLoS ONE</i> , 2013 , 8, e71557	3.7	17
44	Antiretroviral therapy for prevention of HIV infection: new clues from an animal model. <i>PLoS Medicine</i> , 2008 , 5, e30	11.6	15
43	Impact of early-stage HIV transmission on treatment as prevention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15867-8	11.5	14
42	Automated cytochemical staining and inflammation. Further assessment of the "left shift". <i>American Journal of Clinical Pathology</i> , 1982 , 78, 445-9	1.9	13
41	Phylogenetic Methods Inconsistently Predict the Direction of HIV Transmission Among Heterosexual Pairs in the HPTN 052 Cohort. <i>Journal of Infectious Diseases</i> , 2019 , 220, 1406-1413	7	13
40	Characterization of Human Immunodeficiency Virus (HIV) Infection in Cisgender Men and Transgender Women Who Have Sex With Men Receiving Injectable Cabotegravir for HIV Prevention: HPTN 083. <i>Journal of Infectious Diseases</i> , 2021 , 224, 1581-1592	7	13
39	Prevention of the sexual transmission of HIV-1: preparing for success. <i>Journal of the International AIDS Society</i> , 2008 , 11, 4	5.4	12
38	Detection of free radicals as a consequence of dog tracheal epithelial cellular xenobiotic metabolism. <i>Xenobiotica</i> , 1989 , 19, 635-43	2	11
37	Initiation, discontinuation, and restarting HIV pre-exposure prophylaxis: ongoing implementation strategies. <i>Lancet HIV,the</i> , 2020 , 7, e721-e730	7.8	10
36	Covid-19, Ebola, and HIV - Leveraging Lessons to Maximize Impact. <i>New England Journal of Medicine</i> , 2020 , 383, e106	59.2	9

35	Thomas Parran Award Lecture: transmission and prevention of transmission of HIV-1. <i>Sexually Transmitted Diseases</i> , 2006 , 33, 338-41	2.4	8
34	Outpatient Treatment of Severe Acute Respiratory Syndrome Coronavirus 2 Infection to Prevent Coronavirus Disease 2019 Progression. <i>Clinical Infectious Diseases</i> , 2021 , 73, 1717-1721	11.6	8
33	R5 Macrophage-Tropic HIV-1 in the Male Genital Tract. <i>Journal of Virology</i> , 2015 , 89, 10688-92	6.6	7
32	Biomedical prevention: state of the science. <i>Clinical Infectious Diseases</i> , 2014 , 59 Suppl 1, S41-6	11.6	7
31	Application of spin trapping to human phagocytic cells: insight into conditions for formation and limitation of hydroxyl radical. <i>Free Radical Research Communications</i> , 1991 , 12-13 Pt 1, 17-25		7
30	The role of hydroxyl radical in chromosomal and plasmid damage in <i>Neisseria gonorrhoeae</i> in vivo. <i>Free Radical Research Communications</i> , 1989 , 7, 83-7		7
29	Pharmacokinetics and predicted neutralisation coverage of VRC01 in HIV-uninfected participants of the Antibody Mediated Prevention (AMP) trials. <i>EBioMedicine</i> , 2021 , 64, 103203	8.8	7
28	Population Modeling Highlights Drug Disposition Differences Between Tenofovir Alafenamide and Tenofovir Disoproxil Fumarate in the Blood and Semen. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 821-830	6.1	6
27	Amplified transmission of HIV-1: missing link in the HIV pandemic. <i>Transactions of the American Clinical and Climatological Association</i> , 2006 , 117, 213-24; discussion 225	0.9	6
26	Evaluation of Phylogenetic Methods for Inferring the Direction of Human Immunodeficiency Virus (HIV) Transmission: HIV Prevention Trials Network (HPTN) 052. <i>Clinical Infectious Diseases</i> , 2021 , 72, 30-37	11.6	6
25	Variations in HIV Risk by Young Women's Age and Partner Age Disparity in Rural South Africa (HPTN 068). <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020 , 83, 350-356	3.1	6
24	Subordinate Effect of -21M HLA-B Dimorphism on NK Cell Repertoire Diversity and Function in HIV-1 Infected Individuals of African Origin. <i>Frontiers in Immunology</i> , 2020 , 11, 156	8.4	5
23	HIV Drug Resistance in Adults Receiving Early vs. Delayed Antiretroviral Therapy: HPTN 052. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018 , 77, 484-491	3.1	5
22	An epidemiological evaluation of the use of microbiological tools for identifying gonorrhoea infection networks. <i>International Journal of STD and AIDS</i> , 1999 , 10, 316-23	1.4	5
21	Discontinuation, suboptimal adherence, and reinitiation of oral HIV pre-exposure prophylaxis: a global systematic review and meta-analysis. <i>Lancet HIV</i> , 2022 , 9, e254-e268	7.8	5
20	Pharmacokinetic Modeling of Lamivudine and Zidovudine Triphosphates Predicts Differential Pharmacokinetics in Seminal Mononuclear Cells and Peripheral Blood Mononuclear Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 6395-401	5.9	4
19	Vaccines that prevent SARS-CoV-2 transmission may prevent or dampen a spring wave of COVID-19 cases and deaths in 2021		4
18	Mapping of HIV-1C Transmission Networks Reveals Extensive Spread of Viral Lineages Across Villages in Botswana Treatment-as-Prevention Trial. <i>Journal of Infectious Diseases</i> , 2020 , 222, 1670-1680	7	3

17	Recruitment of Female Sex Workers in HIV Prevention Trials: Can Efficacy Endpoints Be Reached More Efficiently?. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018 , 77, 350-357	3.1	3
16	Differential extracellular, but similar intracellular, disposition of two tenofovir formulations in the male genital tract. <i>Antiviral Therapy</i> , 2019 , 24, 45-50	1.6	3
15	Characterization of the Transmitted Virus in an Ongoing HIV-1 Epidemic Driven by Injecting Drug Use. <i>AIDS Research and Human Retroviruses</i> , 2018 , 34, 867-878	1.6	3
14	Antiretroviral Therapy to Prevent HIV Acquisition: Limits of Estimation From a Population Cohort. <i>Clinical Infectious Diseases</i> , 2016 , 63, 1679-1680	11.6	2
13	Preventing transmission of HIV: a biological and medical perspective. <i>AIDS Patient Care and STDs</i> , 2001 , 15, 427-9	5.8	2
12	Association of HIV diversity and virologic outcomes in early antiretroviral treatment: HPTN 052. <i>PLoS ONE</i> , 2017 , 12, e0177281	3.7	2
11	Infectious Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Virus in Symptomatic Coronavirus Disease 2019 (COVID-19) Outpatients: Host, Disease, and Viral Correlates.. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	2
10	Metabolic responses of <i>Neisseria gonorrhoeae</i> to human serum and myeloid cells. Adaptation to host defenses?. <i>Antonie Van Leeuwenhoek</i> , 1987 , 53, 545-50	2.1	1
9	Structural basis of glycan276-dependent recognition by HIV-1 broadly neutralizing antibodies. <i>Cell Reports</i> , 2021 , 37, 109922	10.6	1
8	Identifying Regions of Greatest Need for Ending the HIV Epidemic: A Plan for America. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020 , 85, 395-398	3.1	1
7	A randomized controlled trial evaluating combination detection of HIV in Malawian sexually transmitted infections clinics. <i>Journal of the International AIDS Society</i> , 2021 , 24, e25701	5.4	1
6	Infectious SARS-CoV-2 Virus in Symptomatic COVID-19 Outpatients: Host, Disease, and Viral Correlates 2021 ,		1
5	Experimental Urethral Infection with <i>Neisseria gonorrhoeae</i> .. <i>Current Topics in Microbiology and Immunology</i> , 2022 , 1	3.3	0
4	LetB treat everyone with HIV now: what happens next?. <i>Lancet HIV,the</i> , 2016 , 3, e109-10	7.8	
3	Oral Maraviroc and Tenofovir for HIV Prevention in Women: An Ex Vivo and Translational Approach. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A58-A58	1.6	
2	The great cephalosporin wars. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1984 , 3, 177-9	5.3	
1	Sexually transmitted infections among HIV serodiscordant partners: A secondary analysis of HIV Prevention Trial Network 052. <i>International Journal of STD and AIDS</i> , 2021 , 32, 1204-1211	1.4	