

# Thomas J Hope

## List of Publications by Year in descending order

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116  
papers

8,168  
citations

76196

40  
h-index

49773

87  
g-index

126  
all docs

126  
docs citations

126  
times ranked

9711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Woodchuck Hepatitis Virus Posttranscriptional Regulatory Element Enhances Expression of Transgenes Delivered by Retroviral Vectors. <i>Journal of Virology</i> , 1999, 73, 2886-2892.	1.5	949
2	Visualization of the intracellular behavior of HIV in living cells. <i>Journal of Cell Biology</i> , 2002, 159, 441-452.	2.3	705
3	Recruitment of HIV and Its Receptors to Dendritic Cell-T Cell Junctions. <i>Science</i> , 2003, 300, 1295-1297.	6.0	643
4	Polyreactivity increases the apparent affinity of anti-HIV antibodies by heterologation. <i>Nature</i> , 2010, 467, 591-595.	13.7	393
5	Woodchuck Hepatitis Virus Contains a Tripartite Posttranscriptional Regulatory Element. <i>Journal of Virology</i> , 1998, 72, 5085-5092.	1.5	346
6	HIV-1 capsid: the multifaceted key player in HIV-1 infection. <i>Nature Reviews Microbiology</i> , 2015, 13, 471-483.	13.6	330
7	A microfluidic culture model of the human reproductive tract and 28-day menstrual cycle. <i>Nature Communications</i> , 2017, 8, 14584.	5.8	327
8	Proteasome inhibitors uncouple rhesus TRIM5 $\alpha$ restriction of HIV-1 reverse transcription and infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7465-7470.	3.3	244
9	Complementary assays reveal a relationship between HIV-1 uncoating and reverse transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9975-9980.	3.3	229
10	Th17 Cells Are Preferentially Infected Very Early after Vaginal Transmission of SIV in Macaques. <i>Cell Host and Microbe</i> , 2016, 19, 529-540.	5.1	184
11	Evidence for Direct Involvement of the Capsid Protein in HIV Infection of Nondividing Cells. <i>PLoS Pathogens</i> , 2007, 3, e156.	2.1	174
12	Proteasome Inhibition Reveals that a Functional Preintegration Complex Intermediate Can Be Generated during Restriction by Diverse TRIM5 Proteins. <i>Journal of Virology</i> , 2006, 80, 9754-9760.	1.5	152
13	Visualization of a proteasome-independent intermediate during restriction of HIV-1 by rhesus TRIM5 $\alpha$ . <i>Journal of Cell Biology</i> , 2008, 180, 549-561.	2.3	150
14	Defining the Interaction of HIV-1 with the Mucosal Barriers of the Female Reproductive Tract. <i>Journal of Virology</i> , 2013, 87, 11388-11400.	1.5	140
15	Functional landscape of SARS-CoV-2 cellular restriction. <i>Molecular Cell</i> , 2021, 81, 2656-2668.e8.	4.5	137
16	Labeling HIV-1 virions with two fluorescent proteins allows identification of virions that have productively entered the target cell. <i>Virology</i> , 2007, 360, 286-293.	1.1	122
17	Antibody-Mediated Internalization of Infectious HIV-1 Virions Differs among Antibody Isotypes and Subclasses. <i>PLoS Pathogens</i> , 2016, 12, e1005817.	2.1	119
18	Early cytoplasmic uncoating is associated with infectivity of HIV-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7169-E7178.	3.3	112

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19	Ebola virus uses clathrin-mediated endocytosis as an entry pathway. <i>Virology</i> , 2010, 401, 18-28.	1.1	110
20	Preferences for Long-Acting Pre-exposure Prophylaxis (PrEP), Daily Oral PrEP, or Condoms for HIV Prevention Among U.S. Men Who Have Sex with Men. <i>AIDS and Behavior</i> , 2017, 21, 1336-1349.	1.4	103
21	Complementary Assays Reveal a Low Level of CA Associated with Viral Complexes in the Nuclei of HIV-1-Infected Cells. <i>Journal of Virology</i> , 2015, 89, 5350-5361.	1.5	101
22	Multi-resolution correlative focused ion beam scanning electron microscopy: Applications to cell biology. <i>Journal of Structural Biology</i> , 2014, 185, 278-284.	1.3	99
23	KIF5B and Nup358 Cooperatively Mediate the Nuclear Import of HIV-1 during Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005700.	2.1	99
24	Recommendations for measuring HIV reservoir size in cure-directed clinical trials. <i>Nature Medicine</i> , 2020, 26, 1339-1350.	15.2	96
25	Circulating ACE2-expressing extracellular vesicles block broad strains of SARS-CoV-2. <i>Nature Communications</i> , 2022, 13, 405.	5.8	92
26	Vaginal Challenge with an SIV-Based Dual Reporter System Reveals That Infection Can Occur throughout the Upper and Lower Female Reproductive Tract. <i>PLoS Pathogens</i> , 2014, 10, e1004440.	2.1	84
27	Virus-like Particles Identify an HIV V1V2 Apex-Binding Neutralizing Antibody that Lacks a Protruding Loop. <i>Immunity</i> , 2017, 46, 777-791.e10.	6.6	81
28	Glycogen Levels in Undiluted Genital Fluid and Their Relationship to Vaginal pH, Estrogen, and Progesterone. <i>PLoS ONE</i> , 2016, 11, e0153553.	1.1	76
29	HIV-1 selectively targets gut-homing CCR6+CD4+ T cells via mTOR-dependent mechanisms. <i>JCI Insight</i> , 2017, 2, .	2.3	75
30	Differential Binding of IgG and IgA to Mucus of the Female Reproductive Tract. <i>PLoS ONE</i> , 2013, 8, e76176.	1.1	73
31	New paradigms for functional HIV-specific nonneutralizing antibodies. <i>Current Opinion in HIV and AIDS</i> , 2013, 8, 393-401.	1.5	63
32	Entry of glucose- and glutamine-derived carbons into the citric acid cycle supports early steps of HIV-1 infection in CD4 T cells. <i>Nature Metabolism</i> , 2019, 1, 717-730.	5.1	62
33	TRIM5 $\alpha$ Cytoplasmic Bodies Are Highly Dynamic Structures. <i>Molecular Biology of the Cell</i> , 2007, 18, 2102-2111.	0.9	61
34	Unclosed HIV-1 Capsids Suggest a Curled Sheet Model of Assembly. <i>Journal of Molecular Biology</i> , 2013, 425, 112-123.	2.0	60
35	Identification of Capsid Mutations That Alter the Rate of HIV-1 Uncoating in Infected Cells. <i>Journal of Virology</i> , 2015, 89, 643-651.	1.5	57
36	A Subcutaneous Implant of Tenofovir Alafenamide Fumarate Causes Local Inflammation and Tissue Necrosis in Rabbits and Macaques. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	49

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37	Enhanced binding of antibodies generated during chronic HIV infection to mucus component MUC16. <i>Mucosal Immunology</i> , 2016, 9, 1549-1558.	2.7	47
38	Visualization of HIV-1 Interactions with Penile and Foreskin Epithelia: Clues for Female-to-Male HIV Transmission. <i>PLoS Pathogens</i> , 2015, 11, e1004729.	2.1	45
39	HIV-1-Specific IgA Monoclonal Antibodies from an HIV-1 Vaccinee Mediate Galactosylceramide Blocking and Phagocytosis. <i>Journal of Virology</i> , 2018, 92, .	1.5	45
40	Capacity for Infectious HIV-1 Virion Capture Differs by Envelope Antibody Specificity. <i>Journal of Virology</i> , 2014, 88, 5165-5170.	1.5	41
41	Differential requirements for clathrin endocytic pathway components in cellular entry by Ebola and Marburg glycoprotein pseudovirions. <i>Virology</i> , 2011, 419, 1-9.	1.1	40
42	Impact of Nucleoporin-Mediated Chromatin Localization and Nuclear Architecture on HIV Integration Site Selection. <i>Journal of Virology</i> , 2015, 89, 9702-9705.	1.5	39
43	TRIM5 $\alpha$ Degradation via Autophagy Is Not Required for Retroviral Restriction. <i>Journal of Virology</i> , 2016, 90, 3400-3410.	1.5	39
44	Bridging Vaccine-Induced HIV-1 Neutralizing and Effector Antibody Responses in Rabbit and Rhesus Macaque Animal Models. <i>Journal of Virology</i> , 2019, 93, .	1.5	37
45	RNA export: insights from viral models. <i>Essays in Biochemistry</i> , 2000, 36, 115-127.	2.1	37
46	Increased mucosal neutrophil survival is associated with altered microbiota in HIV infection. <i>PLoS Pathogens</i> , 2019, 15, e1007672.	2.1	36
47	Moving ahead an HIV vaccine: To neutralize or not, a key HIV vaccine question. <i>Nature Medicine</i> , 2011, 17, 1195-1197.	15.2	32
48	Activation of Microtubule Dynamics Increases Neuronal Growth via the Nerve Growth Factor (NGF)- and G $\beta$ $\gamma$ -mediated Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2015, 290, 10045-10056.	1.6	30
49	HIV accessory proteins and surviving the host cell. <i>Current HIV/AIDS Reports</i> , 2004, 1, 47-53.	1.1	29
50	Full-length Ebola glycoprotein accumulates in the endoplasmic reticulum. <i>Virology Journal</i> , 2011, 8, 11.	1.4	29
51	Increases in Endogenous or Exogenous Progestins Promote Virus-Target Cell Interactions within the Non-human Primate Female Reproductive Tract. <i>PLoS Pathogens</i> , 2016, 12, e1005885.	2.1	27
52	Distinguishing signal from autofluorescence in cryogenic correlated light and electron microscopy of mammalian cells. <i>Journal of Structural Biology</i> , 2018, 201, 15-25.	1.3	27
53	CCR5 Conformations Are Dynamic and Modulated by Localization, Trafficking and G Protein Association. <i>PLoS ONE</i> , 2014, 9, e89056.	1.1	26
54	Randomized Cross-Sectional Study to Compare HIV-1 Specific Antibody and Cytokine Concentrations in Female Genital Secretions Obtained by Menstrual Cup and Cervicovaginal Lavage. <i>PLoS ONE</i> , 2015, 10, e0131906.	1.1	26

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55	Transgender Women's Concerns and Preferences on Potential Future Long-Acting Biomedical HIV Prevention Strategies: The Case of Injections and Implanted Medication Delivery Devices (IMDDs). <i>AIDS and Behavior</i> , 2020, 24, 1452-1462.	1.4	26
56	Recruitment and Dynamics of Proteasome Association with $\rho$ TRIM5 $\beta$ Cytoplasmic Complexes During HIV-1 Infection. <i>Traffic</i> , 2012, 13, 1206-1217.	1.3	25
57	Characterization of the Influence of Semen-Derived Enhancer of Virus Infection on the Interaction of HIV-1 with Female Reproductive Tract Tissues. <i>Journal of Virology</i> , 2015, 89, 5569-5580.	1.5	23
58	Expression Profile of Human Fc Receptors in Mucosal Tissue: Implications for Antibody-Dependent Cellular Effector Functions Targeting HIV-1 Transmission. <i>PLoS ONE</i> , 2016, 11, e0154656.	1.1	23
59	Design and Testing of a Cabotegravir Implant for HIV Prevention. <i>Journal of Controlled Release</i> , 2021, 330, 658-668.	4.8	22
60	The Cyclosporin A Washout Assay to Detect HIV-1 Uncoating in Infected Cells. <i>Methods in Molecular Biology</i> , 2014, 1087, 37-46.	0.4	22
61	Long-term direct visualization of passively transferred fluorophore-conjugated antibodies. <i>Journal of Immunological Methods</i> , 2017, 450, 66-72.	0.6	20
62	Rare Detection of Antiviral Functions of Polyclonal IgA Isolated from Plasma and Breast Milk Compartments in Women Chronically Infected with HIV-1. <i>Journal of Virology</i> , 2019, 93, .	1.5	20
63	Correlated cryogenic fluorescence microscopy and electron cryo-tomography shows that exogenous TRIM5 $\beta$ can form hexagonal lattices or autophagy aggregates in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29702-29711.	3.3	20
64	Tenofovir Alafenamide for HIV Prevention: Review of the Proceedings from the Gates Foundation Long-Acting TAF Product Development Meeting. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 409-420.	0.5	20
65	Longitudinal bioluminescent imaging of HIV-1 infection during antiretroviral therapy and treatment interruption in humanized mice. <i>PLoS Pathogens</i> , 2019, 15, e1008161.	2.1	19
66	Bridging efficient viral infection. <i>Nature Cell Biology</i> , 2007, 9, 243-244.	4.6	18
67	Progesterone-Based Intrauterine Device Use Is Associated with a Thinner Apical Layer of the Human Ectocervical Epithelium and a Lower ZO-1 mRNA Expression. <i>Biological Reproduction</i> , 2015, 92, 68.	1.2	18
68	Visualizing Association of the Retroviral Gag Protein with Unspliced Viral RNA in the Nucleus. <i>MBio</i> , 2020, 11, .	1.8	18
69	Cellular restriction factors affecting the early stages of HIV replication. <i>Current HIV/AIDS Reports</i> , 2006, 3, 20-25.	1.1	17
70	Multiple Pathways To Avoid Beta Interferon Sensitivity of HIV-1 by Mutations in Capsid. <i>Journal of Virology</i> , 2019, 93, .	1.5	17
71	Recognition of HIV-1 capsid by PQBP1 licenses an innate immune sensing of nascent HIV-1 DNA. <i>Molecular Cell</i> , 2022, 82, 2871-2884.e6.	4.5	17
72	Identification of a sustained neurogenic zone at the dorsal surface of the adult mouse hippocampus and its regulation by the chemokine SDF-1. <i>Hippocampus</i> , 2015, 25, 1224-1241.	0.9	15

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73	Qualitative Consumer Research on Acceptance of Long-Acting Pre-Exposure Prophylaxis Products Among Men Having Sex with Men and Medical Practitioners in the United States. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 849-856.	0.5	14
74	Effects of three long-acting reversible contraceptive methods on HIV target cells in the human uterine cervix and peripheral blood. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 26.	1.4	13
75	Detection and Tracking of Dual-Labeled HIV Particles Using Wide-Field Live Cell Imaging to Follow Viral Core Integrity. <i>Methods in Molecular Biology</i> , 2016, 1354, 49-59.	0.4	13
76	Barriers of Mucosal Entry of HIV/SIV. <i>Current Immunology Reviews</i> , 2019, 15, 4-13.	1.2	13
77	Effective Prophylaxis of COVID-19 in Rhesus Macaques Using a Combination of Two Parenterally-Administered SARS-CoV-2 Neutralizing Antibodies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 753444.	1.8	13
78	Probing the Structural States of Human Immunodeficiency Virus Type 1 Pr55gag by Using Monoclonal Antibodies. <i>Journal of Virology</i> , 2008, 82, 2570-2574.	1.5	12
79	Impact of chemokine CCR5 ligand 27, foreskin anatomy and sexually transmitted infections on HIV-1 target cell availability in adolescent South African males. <i>Mucosal Immunology</i> , 2020, 13, 118-127.	2.7	12
80	Transgender Women's Barriers, Facilitators, and Preferences on Tailored Injection Delivery Strategies to Administer Long-Acting Injectable Cabotegravir (CAB-LA) for HIV Pre-exposure Prophylaxis (PrEP). <i>AIDS and Behavior</i> , 2021, 25, 4180-4192.	1.4	12
81	Functional Homology for Antibody-Dependent Phagocytosis Across Humans and Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021, 12, 678511.	2.2	11
82	PET/CT targeted tissue sampling reveals virus specific dIgA can alter the distribution and localization of HIV after rectal exposure. <i>PLoS Pathogens</i> , 2021, 17, e1009632.	2.1	11
83	Blocking $\alpha 4 \beta 7$ integrin delays viral rebound in SHIV SF162P3-infected macaques treated with anti-HIV broadly neutralizing antibodies. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	11
84	Transcriptional Profiling of Human Endocervical Tissues Reveals Distinct Gene Expression in the Follicular and Luteal Phases of the Menstrual Cycle. <i>Biology of Reproduction</i> , 2016, 94, 138.	1.2	10
85	Th17 T Cells and Immature Dendritic Cells Are the Preferential Initial Targets after Rectal Challenge with a Simian Immunodeficiency Virus-Based Replication-Defective Dual-Reporter Vector. <i>Journal of Virology</i> , 2021, 95, e0070721.	1.5	10
86	Colposcopic imaging using visible-light optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2017, 22, 056003.	1.4	9
87	Fluorescent Image Analysis of HIV-1 and HIV-2 Uncoating Kinetics in the Presence of Old World Monkey TRIM5 $\alpha$ . <i>PLoS ONE</i> , 2015, 10, e0121199.	1.1	8
88	Knowledge About Oral PrEP Among Transgender Women in New York City. <i>AIDS and Behavior</i> , 2019, 23, 2779-2783.	1.4	8
89	Understanding the Acceptability of Subdermal Implants as a Possible New HIV Prevention Method: Multi-Stage Mixed Methods Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e16904.	2.1	8
90	Live Cell Imaging of Retroviral Entry. <i>Annual Review of Virology</i> , 2014, 1, 501-515.	3.0	7

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91	Phagocytosis. <i>Current Opinion in HIV and AIDS</i> , 2014, 9, 271-277.	1.5	7
92	Cervical and systemic concentrations of long acting hormonal contraceptive (LARC) progestins depend on delivery method: Implications for the study of HIV transmission. <i>PLoS ONE</i> , 2019, 14, e0214152.	1.1	7
93	A New Generation of Functional Tagged Proteins for HIV Fluorescence Imaging. <i>Viruses</i> , 2021, 13, 386.	1.5	7
94	Early Colorectal Responses to HIV-1 and Modulation by Antiretroviral Drugs. <i>Vaccines</i> , 2021, 9, 231.	2.1	7
95	Cellular Factors Implicated in Filovirus Entry. <i>Advances in Virology</i> , 2013, 2013, 1-8.	0.5	6
96	Inflammation weakens HIV prevention. <i>Nature Medicine</i> , 2018, 24, 384-385.	15.2	6
97	A MUC16 IgG Binding Activity Selects for a Restricted Subset of IgG Enriched for Certain Simian Immunodeficiency Virus Epitope Specificities. <i>Journal of Virology</i> , 2020, 94, .	1.5	4
98	Anatomic Distribution of Intravenously Injected IgG Takes Approximately 1 Week to Achieve Stratum Corneum Saturation in Vaginal Tissues. <i>Journal of Immunology</i> , 2021, 207, 505-511.	0.4	4
99	Localization of infection in neonatal rhesus macaques after oral viral challenge. <i>PLoS Pathogens</i> , 2021, 17, e1009855.	2.1	4
100	Conjoint Analysis of User Acceptability of Sustained Long-Acting Pre-Exposure Prophylaxis for HIV. <i>AIDS Research and Human Retroviruses</i> , 2022, 38, 336-345.	0.5	4
101	Using Antiubiquitin Antibodies to Probe the Ubiquitination State Within rhTRIM5 $\beta$ Cytoplasmic Bodies. <i>AIDS Research and Human Retroviruses</i> , 2013, 29, 1373-1385.	0.5	3
102	Can a Traditional Chinese Medicine Contribute to a Cure for HIV?. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 89-89.	0.5	3
103	Imaging endocervical mucus anatomy and dynamics in macaque female reproductive track using optical coherence tomography. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 40-5.	1.1	3
104	Development of an In Vivo Probe to Track SARS-CoV-2 Infection in Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021, 12, 810047.	2.2	3
105	Polyclonal Broadly Neutralizing Antibody Activity Characterized by CD4 Binding Site and V3-Glycan Antibodies in a Subset of HIV-1 Virus Controllers. <i>Frontiers in Immunology</i> , 2021, 12, 670561.	2.2	3
106	Visualizing trans-infection. <i>Science</i> , 2015, 350, 511-512.	6.0	2
107	SIV susceptibility, immunology and microbiome in the female genital tract of adolescent versus adult pigtail macaques. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 510-522.	0.5	2
108	Response: absence of CCR5 intracellular pools in most CD4 and CD8 T cells. <i>Blood</i> , 2011, 118, 1179-1179.	0.6	1

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109	Reply to: HIV-1 Env antibodies: are we in a bind or going blind?. Nature Medicine, 2012, 18, 347-348.	15.2	1
110	Upcoming Implementation of NIH Funding Caps Invites Researcher Feedback. AIDS Research and Human Retroviruses, 2017, 33, iii-iii.	0.5	1
111	Deep Gene Sequence Cluster Analyses of Multi-Virus-Infected Mucosal Tissue Reveal Enhanced Transmission of Acute HIV-1. Journal of Virology, 2021, 95, .	1.5	1
112	Quantitative Immunofluorescent Imaging of Immune Cells in Mucosal Tissues. Methods in Molecular Biology, 2022, 2440, 143-164.	0.4	1
113	Marking the 30th Anniversary of the First Journal in Our Field. AIDS Research and Human Retroviruses, 2013, 29, 1397-1397.	0.5	0
114	Commentary on Shapiro: Clinical Development of Candidate HIV Vaccines: Different Problems for Different Vaccines. AIDS Research and Human Retroviruses, 2014, 30, 330-330.	0.5	0
115	Timothy Ray Brown: The Serendipitous Hero of HIV Cure Research. AIDS Research and Human Retroviruses, 2020, 36, 883-885.	0.5	0
116	Retrovirus Restriction Factors. , 2010, , 407-437.		0