

Thomas J Hope

List of Publications by Citations

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112
papers

6,436
citations

35
h-index

79
g-index

126
ext. papers

7,493
ext. citations

9
avg, IF

5.78
L-index

#	Paper	IF	Citations
112	Woodchuck hepatitis virus posttranscriptional regulatory element enhances expression of transgenes delivered by retroviral vectors. <i>Journal of Virology</i> , 1999 , 73, 2886-92	6.6	852
111	Visualization of the intracellular behavior of HIV in living cells. <i>Journal of Cell Biology</i> , 2002 , 159, 441-52	7.3	637
110	Recruitment of HIV and its receptors to dendritic cell-T cell junctions. <i>Science</i> , 2003 , 300, 1295-7	33.3	566
109	Polyreactivity increases the apparent affinity of anti-HIV antibodies by heteroligation. <i>Nature</i> , 2010 , 467, 591-5	50.4	332
108	Woodchuck hepatitis virus contains a tripartite posttranscriptional regulatory element. <i>Journal of Virology</i> , 1998 , 72, 5085-92	6.6	305
107	HIV-1 capsid: the multifaceted key player in HIV-1 infection. <i>Nature Reviews Microbiology</i> , 2015 , 13, 471-83	83.2	245
106	Proteasome inhibitors uncouple rhesus TRIM5alpha 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, 7465-70	11.5	232
105	A microfluidic culture model of the human reproductive tract and 28-day menstrual cycle. <i>Nature Communications</i> , 2017 , 8, 14584	17.4	231
104	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, 9975-80	11.5	197
103	Evidence for direct involvement of the capsid protein in HIV infection of nondividing cells. <i>PLoS Pathogens</i> , 2007 , 3, 1502-10	7.6	158
102	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, 9754-60	6.6	140
101	Th17 Cells Are Preferentially Infected Very Early after Vaginal Transmission of SIV in Macaques. <i>Cell Host and Microbe</i> , 2016 , 19, 529-40	23.4	132
100	Visualization of a proteasome-independent intermediate during restriction of HIV-1 by rhesus TRIM5alpha. <i>Journal of Cell Biology</i> , 2008 , 180, 549-61	7.3	131
99	Defining the interaction of HIV-1 with the mucosal barriers of the female reproductive tract. <i>Journal of Virology</i> , 2013 , 87, 11388-400	6.6	121
98	Labeling HIV-1 virions with two fluorescent proteins allows identification of virions that have productively entered the target cell. <i>Virology</i> , 2007 , 360, 286-93	3.6	102
97	Ebola virus uses clathrin-mediated endocytosis as an entry pathway. <i>Virology</i> , 2010 , 401, 18-28	3.6	101
96	Antibody-Mediated Internalization of Infectious HIV-1 Virions Differs among Antibody Isotypes and Subclasses. <i>PLoS Pathogens</i> , 2016 , 12, e1005817	7.6	89

95	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	11.5	87
94	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, 5350-61	6.6	82
93	Multi-resolution correlative focused ion beam scanning electron microscopy: applications to cell biology. <i>Journal of Structural Biology</i> , 2014 , 185, 278-84	3.4	80
92	KIF5B and Nup358 Cooperatively Mediate the Nuclear Import of HIV-1 during Infection. <i>PLoS Pathogens</i> , 2016 , 12, e1005700	7.6	72
91	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	4.3	70
90	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	7.6	67
89	Differential binding of IgG and IgA to mucus of the female reproductive tract. <i>PLoS ONE</i> , 2013 , 8, e76176	9.7	64
88	TRIM5 alpha cytoplasmic bodies are highly dynamic structures. <i>Molecular Biology of the Cell</i> , 2007 , 18, 2102-11	3.5	57
87	New paradigms for functional HIV-specific nonneutralizing antibodies. <i>Current Opinion in HIV and AIDS</i> , 2013 , 8, 393-401	4.2	56
86	Unclosed HIV-1 capsids suggest a curled sheet model of assembly. <i>Journal of Molecular Biology</i> , 2013 , 425, 112-23	6.5	55
85	Virus-like Particles Identify an HIV V1V2 Apex-Binding Neutralizing Antibody that Lacks a Protruding Loop. <i>Immunity</i> , 2017 , 46, 777-791.e10	32.3	50
84	Glycogen Levels in Undiluted Genital Fluid and Their Relationship to Vaginal pH, Estrogen, and Progesterone. <i>PLoS ONE</i> , 2016 , 11, e0153553	3.7	48
83	Functional landscape of SARS-CoV-2 cellular restriction. <i>Molecular Cell</i> , 2021 , 81, 2656-2668.e8	17.6	47
82	HIV-1 selectively targets gut-homing CCR6+CD4+ T cells via mTOR-dependent mechanisms. <i>JCI Insight</i> , 2017 , 2,	9.9	46
81	Identification of capsid mutations that alter the rate of HIV-1 uncoating in infected cells. <i>Journal of Virology</i> , 2015 , 89, 643-51	6.6	44
80	Recommendations for measuring HIV reservoir size in cure-directed clinical trials. <i>Nature Medicine</i> , 2020 , 26, 1339-1350	50.5	43
79	Enhanced binding of antibodies generated during chronic HIV infection to mucus component MUC16. <i>Mucosal Immunology</i> , 2016 , 9, 1549-1558	9.2	41
78	Visualization of HIV-1 interactions with penile and foreskin epithelia: clues for female-to-male HIV transmission. <i>PLoS Pathogens</i> , 2015 , 11, e1004729	7.6	35

77	Differential requirements for clathrin endocytic pathway components in cellular entry by Ebola and Marburg glycoprotein pseudovirions. <i>Virology</i> , 2011 , 419, 1-9	3.6	35
76	Capacity for infectious HIV-1 virion capture differs by envelope antibody specificity. <i>Journal of Virology</i> , 2014 , 88, 5165-70	6.6	34
75	Impact of Nucleoporin-Mediated Chromatin Localization and Nuclear Architecture on HIV Integration Site Selection. <i>Journal of Virology</i> , 2015 , 89, 9702-5	6.6	31
74	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	14.6	31
73	Moving ahead an HIV vaccine: to neutralize or not, a key HIV vaccine question. <i>Nature Medicine</i> , 2011 , 17, 1195-7	50.5	30
72	TRIM5 Δ Degradation via Autophagy Is Not Required for Retroviral Restriction. <i>Journal of Virology</i> , 2016 , 90, 3400-10	6.6	29
71	RNA export: insights from viral models. <i>Essays in Biochemistry</i> , 2000 , 36, 115-27	7.6	29
70	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,	5.9	28
69	HIV-1-Specific IgA Monoclonal Antibodies from an HIV-1 Vaccinee Mediate Galactosylceramide Blocking and Phagocytosis. <i>Journal of Virology</i> , 2018 , 92,	6.6	25
68	Activation of microtubule dynamics increases neuronal growth via the nerve growth factor (NGF)- and G β -mediated signaling pathways. <i>Journal of Biological Chemistry</i> , 2015 , 290, 10045-56	5.4	23
67	Recruitment and dynamics of proteasome association with rhTRIM5 Δ cytoplasmic complexes during HIV-1 infection. <i>Traffic</i> , 2012 , 13, 1206-17	5.7	23
66	HIV accessory proteins and surviving the host cell. <i>Current HIV/AIDS Reports</i> , 2004 , 1, 47-53	5.9	23
65	Full-length Ebola glycoprotein accumulates in the endoplasmic reticulum. <i>Virology Journal</i> , 2011 , 8, 11	6.1	22
64	CCR5 conformations are dynamic and modulated by localization, trafficking and G protein association. <i>PLoS ONE</i> , 2014 , 9, e89056	3.7	21
63	The cyclosporin A washout assay to detect HIV-1 uncoating in infected cells. <i>Methods in Molecular Biology</i> , 2014 , 1087, 37-46	1.4	20
62	Increased mucosal neutrophil survival is associated with altered microbiota in HIV infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007672	7.6	19
61	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, 5569-80	6.6	19
60	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	7.6	18

59	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	3.7	17
58	Cellular restriction factors affecting the early stages of HIV replication. <i>Current HIV/AIDS Reports</i> , 2006 , 3, 20-5	5.9	17
57	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	3.7	17
56	Distinguishing signal from autofluorescence in cryogenic correlated light and electron microscopy of mammalian cells. <i>Journal of Structural Biology</i> , 2018 , 201, 15-25	3.4	15
55	Bridging Vaccine-Induced HIV-1 Neutralizing and Effector Antibody Responses in Rabbit and Rhesus Macaque Animal Models. <i>Journal of Virology</i> , 2019 , 93,	6.6	14
54	Long-term direct visualization of passively transferred fluorophore-conjugated antibodies. <i>Journal of Immunological Methods</i> , 2017 , 450, 66-72	2.5	14
53	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>Biology of Reproduction</i> , 2015 , 92, 68	3.9	14
52	Longitudinal bioluminescent imaging of HIV-1 infection during antiretroviral therapy and treatment interruption in humanized mice. <i>PLoS Pathogens</i> , 2019 , 15, e1008161	7.6	14
51	Circulating ACE2-expressing extracellular vesicles block broad strains of SARS-CoV-2.. <i>Nature Communications</i> , 2022 , 13, 405	17.4	13
50	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, 1224-41	3.5	12
49	Probing the structural states of human immunodeficiency virus type 1 pr55gag by using monoclonal antibodies. <i>Journal of Virology</i> , 2008 , 82, 2570-4	6.6	12
48	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	4.3	12
47	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	1.4	11
46	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,	6.6	10
45	Barriers of Mucosal Entry of HIV/SIV. <i>Current Immunology Reviews</i> , 2019 , 15, 4-13	1.3	9
44	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	1.6	9
43	Multiple Pathways To Avoid Beta Interferon Sensitivity of HIV-1 by Mutations in Capsid. <i>Journal of Virology</i> , 2019 , 93,	6.6	8
42	Colposcopic imaging using visible-light optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2017 , 22, 56003	3.5	7

41	Visualizing Association of the Retroviral Gag Protein with Unspliced Viral RNA in the Nucleus. <i>MBio</i> , 2020 , 11,	7.8	7
40	Live Cell Imaging of Retroviral Entry. <i>Annual Review of Virology</i> , 2014 , 1, 501-15	14.6	7
39	Design and Testing of a Cabotegravir Implant for HIV Prevention. <i>Journal of Controlled Release</i> , 2021 , 330, 658-668	11.7	7
38	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	5	6
37	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	3.9	6
36	Phagocytosis: cell biology view of antiviral function. <i>Current Opinion in HIV and AIDS</i> , 2014 , 9, 271-7	4.2	6
35	Correlated cryogenic fluorescence microscopy and electron cryo-tomography shows that exogenous TRIM5 α 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	11.5	6
34	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	11.6	6
33	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, e02141327	3.7	5
32	Knowledge About Oral PrEP Among Transgender Women in New York City. <i>AIDS and Behavior</i> , 2019 , 23, 2779-2783	4.3	5
31	Fluorescent image analysis of HIV-1 and HIV-2 uncoating kinetics in the presence of old world monkey TRIM5 α . <i>PLoS ONE</i> , 2015 , 10, e0121199	3.7	5
30	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	7.6	5
29	Inflammation weakens HIV prevention. <i>Nature Medicine</i> , 2018 , 24, 384-385	50.5	4
28	Cellular factors implicated in filovirus entry. <i>Advances in Virology</i> , 2013 , 2013, 487585	1.9	4
27	Functional Homology for Antibody-Dependent Phagocytosis Across Humans and Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021 , 12, 678511	8.4	4
26	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	7.6	3
25	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	3.6	3
24	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,	6.6	2

23	Using antiubiquitin antibodies to probe the ubiquitination state within rhTRIM5 α cytoplasmic bodies. <i>AIDS Research and Human Retroviruses</i> , 2013 , 29, 1373-85	1.6	2
22	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	5.9	2
21	Early Colorectal Responses to HIV-1 and Modulation by Antiretroviral Drugs. <i>Vaccines</i> , 2021 , 9,	5.3	2
20	Impact of chemokine C-C 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	9.2	2
19	Simian Immunodeficiency Virus 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	1.6	2
18	Blocking α Integrin delays viral rebound in SHIV-infected macaques treated with anti-HIV broadly neutralizing antibodies. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	2
17	VIROLOGY. Visualizing trans-infection. <i>Science</i> , 2015 , 350, 511-2	33.3	1
16	Response: absence of CCR5 intracellular pools in most CD4 and CD8 T cells. <i>Blood</i> , 2011 , 118, 1179-1179	2.2	1
15	Reply to: HIV-1 Env antibodies: are we in a bind or going blind?. <i>Nature Medicine</i> , 2012 , 18, 347-348	50.5	1
14	Effective prophylaxis of COVID-19 in rhesus macaques using a combination of two parentally-administered SARS-CoV-2 neutralizing antibodies		1
13	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	4.3	1
12	Deep Gene Sequence Cluster Analyses of Multi-Virus-Infected Mucosal Tissue Reveal Enhanced Transmission of Acute HIV-1. <i>Journal of Virology</i> , 2021 , 95,	6.6	1
11	A New Generation of Functional Tagged Proteins for HIV Fluorescence Imaging. <i>Viruses</i> , 2021 , 13,	6.2	1
10	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	6.6	1
9	Development of an Probe to Track SARS-CoV-2 Infection in Rhesus Macaques.. <i>Frontiers in Immunology</i> , 2021 , 12, 810047	8.4	1
8	Localization of infection in neonatal rhesus macaques after oral viral challenge. <i>PLoS Pathogens</i> , 2021 , 17, e1009855	7.6	0
7	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	5.3	0
6	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	8.4	0

- 5 Commentary on Shapiro: clinical development of candidate HIV vaccines: different problems for different vaccines. *AIDS Research and Human Retroviruses*, **2014**, 30, 330 1.6
- 4 Marking the 30th anniversary of the first journal in our field. *AIDS Research and Human Retroviruses*, **2013**, 29, 1397 1.6
- 3 Retrovirus Restriction Factors **2010**, 407-437
- 2 Timothy Ray Brown: The Serendipitous Hero of HIV Cure Research. *AIDS Research and Human Retroviruses*, **2020**, 36, 883-885 1.6
- 1 Quantitative Immunofluorescent Imaging of Immune Cells in Mucosal Tissues.. *Methods in Molecular Biology*, **2022**, 2440, 143-164 1.4