

# Todd M Allen

## List of Publications by Year in descending order

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207  
papers

22,406  
citations

5248

83  
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9073

144  
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217  
all docs

217  
docs citations

217  
times ranked

16573  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Major Genetic Determinants of HIV-1 Control Affect HLA Class I Peptide Presentation. <i>Science</i> , 2010, 330, 1551-1557.	6.0	1,054
2	Dominant influence of HLA-B in mediating the potential co-evolution of HIV and HLA. <i>Nature</i> , 2004, 432, 769-775.	13.7	784
3	HIV evolution: CTL escape mutation and reversion after transmission. <i>Nature Medicine</i> , 2004, 10, 282-289.	15.2	769
4	The epigenetic landscape of T cell exhaustion. <i>Science</i> , 2016, 354, 1165-1169.	6.0	694
5	Tat-specific cytotoxic T lymphocytes select for SIV escape variants during resolution of primary viraemia. <i>Nature</i> , 2000, 407, 386-390.	13.7	657
6	Differential natural killer cell-mediated inhibition of HIV-1 replication based on distinct KIR/HLA subtypes. <i>Journal of Experimental Medicine</i> , 2007, 204, 3027-3036.	4.2	413
7	Adaptation of HIV-1 to human leukocyte antigen class I. <i>Nature</i> , 2009, 458, 641-645.	13.7	408
8	Efficient Ablation of Genes in Human Hematopoietic Stem and Effector Cells using CRISPR/Cas9. <i>Cell Stem Cell</i> , 2014, 15, 643-652.	5.2	406
9	Virus-specific cytotoxic T-lymphocyte responses select for amino-acid variation in simian immunodeficiency virus Env and Nef. <i>Nature Medicine</i> , 1999, 5, 1270-1276.	15.2	364
10	Acute phase cytotoxic T lymphocyte escape is a hallmark of simian immunodeficiency virus infection. <i>Nature Medicine</i> , 2002, 8, 493-499.	15.2	350
11	Naturally occurring dominant resistance mutations to hepatitis C virus protease and polymerase inhibitors in treatment-naïve patients. <i>Hepatology</i> , 2008, 48, 1769-1778.	3.6	326
12	HIV-1 superinfection despite broad CD8+ T-cell responses containing replication of the primary virus. <i>Nature</i> , 2002, 420, 434-439.	13.7	321
13	HIV-1 adaptation to NK-cell-mediated immune pressure. <i>Nature</i> , 2011, 476, 96-100.	13.7	310
14	Influence of HLA-B57 on clinical presentation and viral control during acute HIV-1 infection. <i>Aids</i> , 2003, 17, 2581-2591.	1.0	309
15	Selective Escape from CD8 + T-Cell Responses Represents a Major Driving Force of Human Immunodeficiency Virus Type 1 (HIV-1) Sequence Diversity and Reveals Constraints on HIV-1 Evolution. <i>Journal of Virology</i> , 2005, 79, 13239-13249.	1.5	306
16	Whole Genome Deep Sequencing of HIV-1 Reveals the Impact of Early Minor Variants Upon Immune Recognition During Acute Infection. <i>PLoS Pathogens</i> , 2012, 8, e1002529.	2.1	306
17	Escape from the Dominant HLA-B27-Restricted Cytotoxic T-Lymphocyte Response in Gag Is Associated with a Dramatic Reduction in Human Immunodeficiency Virus Type 1 Replication. <i>Journal of Virology</i> , 2007, 81, 12382-12393.	1.5	299
18	CD8 Epitope Escape and Reversion in Acute HCV Infection. <i>Journal of Experimental Medicine</i> , 2004, 200, 1593-1604.	4.2	289

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19	Effective Induction of Simian Immunodeficiency Virus-Specific Cytotoxic T Lymphocytes in Macaques by Using a Multiepitope Gene and DNA Prime-Modified Vaccinia Virus Ankara Boost Vaccination Regimen. <i>Journal of Virology</i> , 1999, 73, 7524-7532.	1.5	288
20	Analysis of Gag-specific Cytotoxic T Lymphocytes in Simian Immunodeficiency Virus-infected Rhesus Monkeys by Cell Staining with a Tetrameric Major Histocompatibility Complex Class I Peptide Complex. <i>Journal of Experimental Medicine</i> , 1998, 187, 1373-1381.	4.2	276
21	High resolution analysis of cellular immune responses in resolved and persistent hepatitis C virus infection. <i>Gastroenterology</i> , 2004, 127, 924-936.	0.6	276
22	Tim-3 expression on PD-1+ HCV-specific human CTLs is associated with viral persistence, and its blockade restores hepatocyte-directed in vitro cytotoxicity. <i>Journal of Clinical Investigation</i> , 2010, 120, 4546-4557.	3.9	276
23	Relative Dominance of Gag p24-Specific Cytotoxic T Lymphocytes Is Associated with Human Immunodeficiency Virus Control. <i>Journal of Virology</i> , 2006, 80, 3122-3125.	1.5	275
24	HLA Alleles Associated with Delayed Progression to AIDS Contribute Strongly to the Initial CD8+ T Cell Response against HIV-1. <i>PLoS Medicine</i> , 2006, 3, e403.	3.9	273
25	Effects of thymic selection of the T-cell repertoire on HLA class I-associated control of HIV infection. <i>Nature</i> , 2010, 465, 350-354.	13.7	269
26	HLA-B57/B*5801 Human Immunodeficiency Virus Type 1 Elite Controllers Select for Rare Gag Variants Associated with Reduced Viral Replication Capacity and Strong Cytotoxic T-Lymphocyte Recognition. <i>Journal of Virology</i> , 2009, 83, 2743-2755.	1.5	261
27	Induction of AIDS Virus-Specific CTL Activity in Fresh, Unstimulated Peripheral Blood Lymphocytes from Rhesus Macaques Vaccinated with a DNA Prime/Modified Vaccinia Virus Ankara Boost Regimen. <i>Journal of Immunology</i> , 2000, 164, 4968-4978.	0.4	247
28	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, 12608-12618.	1.5	241
29	Mucosal AIDS vaccine reduces disease and viral load in gut reservoir and blood after mucosal infection of macaques. <i>Nature Medicine</i> , 2001, 7, 1320-1326.	15.2	231
30	Selection, Transmission, and Reversion of an Antigen-Processing Cytotoxic T-Lymphocyte Escape Mutation in Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2004, 78, 7069-7078.	1.5	227
31	Selection bias at the heterosexual HIV-1 transmission bottleneck. <i>Science</i> , 2014, 345, 1254031.	6.0	225
32	Control of human immunodeficiency virus replication by cytotoxic T lymphocytes targeting subdominant epitopes. <i>Nature Immunology</i> , 2006, 7, 173-178.	7.0	209
33	Inhibition of HIV transmission in human cervicovaginal explants and humanized mice using CD4 aptamer-siRNA chimeras. <i>Journal of Clinical Investigation</i> , 2011, 121, 2401-2412.	3.9	209
34	Broadly directed virus-specific CD4+ T cell responses are primed during acute hepatitis C infection, but rapidly disappear from human blood with viral persistence. <i>Journal of Experimental Medicine</i> , 2012, 209, 61-75.	4.2	208
35	Antigen Load and Viral Sequence Diversification Determine the Functional Profile of HIV-1-Specific CD8+ T Cells. <i>PLoS Medicine</i> , 2008, 5, e100.	3.9	205
36	TCR clonotypes modulate the protective effect of HLA class I molecules in HIV-1 infection. <i>Nature Immunology</i> , 2012, 13, 691-700.	7.0	203

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37	Expression of the Major Histocompatibility Complex Class I Molecule Mamu-A*01 Is Associated with Control of Simian Immunodeficiency Virus SIV mac 239 Replication. <i>Journal of Virology</i> , 2003, 77, 2736-2740.	1.5	195
38	High Level of PD-1 Expression on Hepatitis C Virus (HCV)-Specific CD8 <sup>+</sup> and CD4 <sup>+</sup> T Cells during Acute HCV Infection, Irrespective of Clinical Outcome. <i>Journal of Virology</i> , 2008, 82, 3154-3160.	1.5	193
39	Broad Repertoire of the CD4+ Th Cell Response in Spontaneously Controlled Hepatitis C Virus Infection Includes Dominant and Highly Promiscuous Epitopes. <i>Journal of Immunology</i> , 2005, 175, 3603-3613.	0.4	186
40	Coordinate linkage of HIV evolution reveals regions of immunological vulnerability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11530-11535.	3.3	183
41	Major Histocompatibility Complex Class I Alleles Associated with Slow Simian Immunodeficiency Virus Disease Progression Bind Epitopes Recognized by Dominant Acute-Phase Cytotoxic-T-Lymphocyte Responses. <i>Journal of Virology</i> , 2003, 77, 9029-9040.	1.5	170
42	Vaccine-induced CD8+ T cells control AIDS virus replication. <i>Nature</i> , 2012, 491, 129-133.	13.7	165
43	Marked Epitope- and Allele-Specific Differences in Rates of Mutation in Human Immunodeficiency Type 1 (HIV-1) Gag, Pol, and Nef Cytotoxic T-Lymphocyte Epitopes in Acute/Early HIV-1 Infection. <i>Journal of Virology</i> , 2008, 82, 9216-9227.	1.5	162
44	CD8+ Lymphocytes from Simian Immunodeficiency Virus-Infected Rhesus Macaques Recognize 14 Different Epitopes Bound by the Major Histocompatibility Complex Class I Molecule Mamu-A*01: Implications for Vaccine Design and Testing. <i>Journal of Virology</i> , 2001, 75, 738-749.	1.5	143
45	Definition of the viral targets of protective HIV-1-specific T cell responses. <i>Journal of Translational Medicine</i> , 2011, 9, 208.	1.8	143
46	Cutting Edge: Prolonged Exposure to HIV Reinforces a Poised Epigenetic Program for PD-1 Expression in Virus-Specific CD8 T Cells. <i>Journal of Immunology</i> , 2013, 191, 540-544.	0.4	143
47	Rapid Reversion of Sequence Polymorphisms Dominates Early Human Immunodeficiency Virus Type 1 Evolution. <i>Journal of Virology</i> , 2007, 81, 193-201.	1.5	142
48	Structural and Functional Constraints Limit Options for Cytotoxic T-Lymphocyte Escape in the Immunodominant HLA-B27-Restricted Epitope in Human Immunodeficiency Virus Type 1 Capsid. <i>Journal of Virology</i> , 2008, 82, 5594-5605.	1.5	138
49	Enhanced Detection of Human Immunodeficiency Virus Type 1-Specific T-Cell Responses to Highly Variable Regions by Using Peptides Based on Autologous Virus Sequences. <i>Journal of Virology</i> , 2003, 77, 7330-7340.	1.5	133
50	Persistent Recognition of Autologous Virus by High-Avidity CD8 T Cells in Chronic, Progressive Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2004, 78, 630-641.	1.5	130
51	Spontaneous Control of HCV Is Associated With Expression of HLA-B*57 and Preservation of Targeted Epitopes. <i>Gastroenterology</i> , 2011, 140, 686-696.e1.	0.6	130
52	A genome-to-genome analysis of associations between human genetic variation, HIV-1 sequence diversity, and viral control. <i>ELife</i> , 2013, 2, e01123.	2.8	126
53	Physical mapping of the split hand/split foot locus on chromosome 7 and implication in syndromic ectrodactyly. <i>Human Molecular Genetics</i> , 1994, 3, 1345-1354.	1.4	125
54	Dominance of CD8 Responses Specific for Epitopes Bound by a Single Major Histocompatibility Complex Class I Molecule during the Acute Phase of Viral Infection. <i>Journal of Virology</i> , 2002, 76, 875-884.	1.5	125

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55	HIV-1 specific cytotoxicity is preferentially mediated by a subset of CD8+ T cells producing both interferon- $\gamma$ and tumor necrosis factor- $\alpha$ . <i>Blood</i> , 2004, 104, 487-494.	0.6	124
56	Epigenetic scars of CD8+ T cell exhaustion persist after cure of chronic infection in humans. <i>Nature Immunology</i> , 2021, 22, 1020-1029.	7.0	124
57	De Novo Generation of Escape Variant-Specific CD8 + T-Cell Responses following Cytotoxic T-Lymphocyte Escape in Chronic Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2005, 79, 12952-12960.	1.5	122
58	Genetic Characterization of Human Immunodeficiency Virus Type 1 in Elite Controllers: Lack of Gross Genetic Defects or Common Amino Acid Changes. <i>Journal of Virology</i> , 2008, 82, 8422-8430.	1.5	114
59	HLA-Associated Alterations in Replication Capacity of Chimeric NL4-3 Viruses Carrying gag-protease from Elite Controllers of Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 2009, 83, 140-149.	1.5	112
60	Early Selection in Gag by Protective HLA Alleles Contributes to Reduced HIV-1 Replication Capacity That May Be Largely Compensated for in Chronic Infection. <i>Journal of Virology</i> , 2010, 84, 11937-11949.	1.5	111
61	Tat-Vaccinated Macaques Do Not Control Simian Immunodeficiency Virus SIVmac239 Replication. <i>Journal of Virology</i> , 2002, 76, 4108-4112.	1.5	110
62	HIV-1 Viral Escape in Infancy Followed by Emergence of a Variant-Specific CTL Response. <i>Journal of Immunology</i> , 2005, 174, 7524-7530.	0.4	109
63	Selective Depletion of High-Avidity Human Immunodeficiency Virus Type 1 (HIV-1)-Specific CD8 + T Cells after Early HIV-1 Infection. <i>Journal of Virology</i> , 2007, 81, 4199-4214.	1.5	109
64	Virological and immunological determinants of intrahepatic virus-specific CD8+ T-cell failure in chronic hepatitis C virus infection. <i>Hepatology</i> , 2008, 47, 1824-1836.	3.6	108
65	Highly Sensitive and Specific Detection of Rare Variants in Mixed Viral Populations from Massively Parallel Sequence Data. <i>PLoS Computational Biology</i> , 2012, 8, e1002417.	1.5	107
66	Immune-driven recombination and loss of control after HIV superinfection. <i>Journal of Experimental Medicine</i> , 2008, 205, 1789-1796.	4.2	106
67	Protective HLA Class I Alleles That Restrict Acute-Phase CD8 + T-Cell Responses Are Associated with Viral Escape Mutations Located in Highly Conserved Regions of Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 2009, 83, 1845-1855.	1.5	106
68	Structural topology defines protective CD8 + T cell epitopes in the HIV proteome. <i>Science</i> , 2019, 364, 480-484.	6.0	105
69	Full-Breadth Analysis of CD8 + T-Cell Responses in Acute Hepatitis C Virus Infection and Early Therapy. <i>Journal of Virology</i> , 2005, 79, 12979-12988.	1.5	102
70	Rapid Evolution of HIV-1 to Functional CD8 + T Cell Responses in Humanized BLT Mice. <i>Science Translational Medicine</i> , 2012, 4, 143ra98.	5.8	101
71	HIV-1 specific CD8+ T cells with an effector phenotype and control of viral replication. <i>Lancet</i> , The, 2004, 363, 863-866.	6.3	100
72	BLT-humanized C57BL/6 Rag2 <sup>-/-</sup> /IL3 <sup>-/-</sup> /CD47 <sup>-/-</sup> mice are resistant to GVHD and develop B- and T-cell immunity to HIV infection. <i>Blood</i> , 2013, 122, 4013-4020.	0.6	100

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73	HIV-1 Nef is preferentially recognized by CD8 T cells in primary HIV-1 infection despite a relatively high degree of genetic diversity. <i>Aids</i> , 2004, 18, 1383-1392.	1.0	99
74	Differences in the Selection Bottleneck between Modes of Sexual Transmission Influence the Genetic Composition of the HIV-1 Founder Virus. <i>PLoS Pathogens</i> , 2016, 12, e1005619.	2.1	97
75	BLT humanized mice as a small animal model of HIV infection. <i>Current Opinion in Virology</i> , 2015, 13, 75-80.	2.6	96
76	Capturing sequence diversity in metagenomes with comprehensive and scalable probe design. <i>Nature Biotechnology</i> , 2019, 37, 160-168.	9.4	96
77	A viral CTL escape mutation leading to immunoglobulin-like transcript 4-mediated functional inhibition of myelomonocytic cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 2813-2824.	4.2	95
78	Viral Sequence Evolution in Acute Hepatitis C Virus Infection. <i>Journal of Virology</i> , 2007, 81, 11658-11668.	1.5	93
79	Comparison of Vaccine Strategies Using Recombinant env-gag-pol MVA with or without an Oligomeric Env Protein Boost in the SHIV Rhesus Macaque Model. <i>Virology</i> , 2002, 294, 270-281.	1.1	90
80	Human leukocyte antigen-associated sequence polymorphisms in hepatitis C virus reveal reproducible immune responses and constraints on viral evolution. <i>Hepatology</i> , 2007, 46, 339-349.	3.6	90
81	Impact of pre-adapted HIV transmission. <i>Nature Medicine</i> , 2016, 22, 606-613.	15.2	87
82	Hitting HIV where it hurts: an alternative approach to HIV vaccine design. <i>Trends in Immunology</i> , 2006, 27, 504-510.	2.9	86
83	Immunological and Virological Impact of Highly Active Antiretroviral Therapy Initiated during Acute HIV-1 Infection. <i>Journal of Infectious Diseases</i> , 2006, 194, 734-739.	1.9	86
84	PD-1 Blockade in Chronically HIV-1-Infected Humanized Mice Suppresses Viral Loads. <i>PLoS ONE</i> , 2013, 8, e77780.	1.1	85
85	Functional Impairment of Simian Immunodeficiency Virus-Specific CD8+ T Cells during the Chronic Phase of Infection. <i>Journal of Virology</i> , 2001, 75, 2458-2461.	1.5	84
86	Hepatitis C Virus Reinfection and Spontaneous Clearance of Reinfection—the InC <sup>3</sup> Study. <i>Journal of Infectious Diseases</i> , 2015, 212, 1407-1419.	1.9	82
87	Impaired Hepatitis C Virus-Specific T Cell Responses and Recurrent Hepatitis C Virus in HIV Coinfection. <i>PLoS Medicine</i> , 2006, 3, e492.	3.9	81
88	Constraints on HIV-1 evolution and immunodominance revealed in monozygotic adult twins infected with the same virus. <i>Journal of Experimental Medicine</i> , 2006, 203, 529-539.	4.2	81
89	Differential Neutralization of Human Immunodeficiency Virus (HIV) Replication in Autologous CD4 T Cells by HIV-Specific Cytotoxic T Lymphocytes. <i>Journal of Virology</i> , 2009, 83, 3138-3149.	1.5	80
90	Viral Evolution and Escape during Acute HIV-1 Infection. <i>Journal of Infectious Diseases</i> , 2010, 202, S309-S314.	1.9	79

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91	Escape in One of Two Cytotoxic T-Lymphocyte Epitopes Bound by a High-Frequency Major Histocompatibility Complex Class I Molecule, Mamu-A*02: a Paradigm for Virus Evolution and Persistence?. <i>Journal of Virology</i> , 2002, 76, 11623-11636.	1.5	77
92	Hepatitis C Virus (HCV) Sequence Variation Induces an HCV-Specific T-Cell Phenotype Analogous to Spontaneous Resolution. <i>Journal of Virology</i> , 2010, 84, 1656-1663.	1.5	76
93	Mutually Exclusive T-Cell Receptor Induction and Differential Susceptibility to Human Immunodeficiency Virus Type 1 Mutational Escape Associated with a Two-Amino-Acid Difference between HLA Class I Subtypes. <i>Journal of Virology</i> , 2007, 81, 1619-1631.	1.5	75
94	Complete viral RNA genome sequencing of ultra-low copy samples by sequence-independent amplification. <i>Nucleic Acids Research</i> , 2013, 41, e13-e13.	6.5	75
95	Definition of Five New Simian Immunodeficiency Virus Cytotoxic T-Lymphocyte Epitopes and Their Restricting Major Histocompatibility Complex Class I Molecules: Evidence for an Influence on Disease Progression. <i>Journal of Virology</i> , 2000, 74, 7400-7410.	1.5	72
96	Use of a novel GFP reporter cell line to examine replication capacity of CXCR4- and CCR5-tropic HIV-1 by flow cytometry. <i>Journal of Virological Methods</i> , 2006, 131, 134-142.	1.0	70
97	HLA-B63 Presents HLA-B57/B58-Restricted Cytotoxic T-Lymphocyte Epitopes and Is Associated with Low Human Immunodeficiency Virus Load. <i>Journal of Virology</i> , 2005, 79, 10218-10225.	1.5	68
98	Impairment of Gag-Specific CD8 + T-Cell Function in Mucosal and Systemic Compartments of Simian Immunodeficiency Virus mac251- and Simian-Human Immunodeficiency Virus KU2-Infected Macaques. <i>Journal of Virology</i> , 2001, 75, 11483-11495.	1.5	67
99	Dual CD4-based CAR T cells with distinct costimulatory domains mitigate HIV pathogenesis in vivo. <i>Nature Medicine</i> , 2020, 26, 1776-1787.	15.2	63
100	Differentiation of exhausted CD8+ T cells after termination of chronic antigen stimulation stops short of achieving functional T cell memory. <i>Nature Immunology</i> , 2021, 22, 1030-1041.	7.0	63
101	Hepatitis C Virus Immune Escape via Exploitation of a Hole in the T Cell Repertoire. <i>Journal of Immunology</i> , 2008, 181, 6435-6446.	0.4	61
102	Antigen recognition-triggered drug delivery mediated by nanocapsule-functionalized cytotoxic T-cells. <i>Biomaterials</i> , 2017, 117, 44-53.	5.7	61
103	Reduced Replication Capacity of NL4-3 Recombinant Viruses Encoding Reverse Transcriptase-Integrase Sequences From HIV-1 Elite Controllers. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2011, 56, 100-108.	0.9	59
104	Antiviral CD8+ T Cells Restricted by Human Leukocyte Antigen Class II Exist during Natural HIV Infection and Exhibit Clonal Expansion. <i>Immunity</i> , 2016, 45, 917-930.	6.6	59
105	Transmission and Long-Term Stability of Compensated CD8 Escape Mutations. <i>Journal of Virology</i> , 2009, 83, 3993-3997.	1.5	58
106	Differential regulation of toll-like receptor pathways in acute and chronic HIV-1 infection. <i>Aids</i> , 2012, 26, 533-541.	1.0	58
107	Induction of Mucosal Homing Virus-Specific CD8+ T Lymphocytes by Attenuated Simian Immunodeficiency Virus. <i>Journal of Virology</i> , 2000, 74, 8762-8766.	1.5	57
108	Increased Cytotoxic T-Lymphocyte Epitope Variant Cross-Recognition and Functional Avidity Are Associated with Hepatitis C Virus Clearance. <i>Journal of Virology</i> , 2008, 82, 3147-3153.	1.5	55

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109	Tumor Necrosis Factor $\hat{\pm}$ Is Associated With Viral Control and Early Disease Progression in Patients With HIV Type 1 Infection. <i>Journal of Infectious Diseases</i> , 2014, 210, 1042-1046.	1.9	54
110	Effects of Cytotoxic T Lymphocytes (CTL) Directed against a Single Simian Immunodeficiency Virus (SIV) Gag CTL Epitope on the Course of SIVmac239 Infection. <i>Journal of Virology</i> , 2002, 76, 10507-10511.	1.5	52
111	HIV-1 superinfection. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 112, 829-835.	1.5	52
112	Fluctuations of functionally distinct CD8+ T-cell clonotypes demonstrate flexibility of the HIV-specific TCR repertoire. <i>Blood</i> , 2006, 107, 2373-2383.	0.6	51
113	Early Transcriptional Divergence Marks Virus-Specific Primary Human CD8+ T Cells in Chronic versus Acute Infection. <i>Immunity</i> , 2017, 47, 648-663.e8.	6.6	50
114	Protective effect of human leukocyte antigen B27 in hepatitis C virus infection requires the presence of a genotype-specific immunodominant CD8+ T-cell epitope. <i>Hepatology</i> , 2010, 51, 54-62.	3.6	48
115	Human leukocyte antigen B27 selects for rare escape mutations that significantly impair hepatitis C virus replication and require compensatory mutations. <i>Hepatology</i> , 2011, 54, 1157-1166.	3.6	47
116	Generation of a Transcription Map at the HSD17B Locus Centromeric to BRCA1 at 17q21. <i>Genomics</i> , 1995, 28, 530-542.	1.3	44
117	Contribution of Immunological and Virological Factors to Extremely Severe Primary HIV Type 1 Infection. <i>Clinical Infectious Diseases</i> , 2009, 48, 229-238.	2.9	44
118	Frequent and Variable Cytotoxic-T-Lymphocyte Escape-Associated Fitness Costs in the Human Immunodeficiency Virus Type 1 Subtype B Gag Proteins. <i>Journal of Virology</i> , 2013, 87, 3952-3965.	1.5	43
119	Understanding cytotoxic T-lymphocyte escape during simian immunodeficiency virus infection. <i>Immunological Reviews</i> , 2001, 183, 115-126.	2.8	41
120	Limited Sequence Evolution within Persistently Targeted CD8 Epitopes in Chronic Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2005, 79, 8171-8181.	1.5	41
121	HLA Footprints on Human Immunodeficiency Virus Type 1 Are Associated with Interclade Polymorphisms and Intraclade Phylogenetic Clustering. <i>Journal of Virology</i> , 2009, 83, 4605-4615.	1.5	40
122	The Majority of Currently Circulating Human Immunodeficiency Virus Type 1 Clade B Viruses Fail To Prime Cytotoxic T-Lymphocyte Responses against an Otherwise Immunodominant HLA-A2-Restricted Epitope: Implications for Vaccine Design. <i>Journal of Virology</i> , 2005, 79, 5000-5005.	1.5	39
123	Protective Efficacy of Broadly Neutralizing Antibodies with Incomplete Neutralization Activity against Simian-Human Immunodeficiency Virus in Rhesus Monkeys. <i>Journal of Virology</i> , 2017, 91, .	1.5	38
124	Crippling HIV one mutation at a time. <i>Journal of Experimental Medicine</i> , 2008, 205, 1003-1007.	4.2	37
125	Maternal Transmission of Human Immunodeficiency Virus Escape Mutations Subverts HLA-B57 Immunodominance but Facilitates Viral Control in the Haploidentical Infant. <i>Journal of Virology</i> , 2009, 83, 8616-8627.	1.5	37
126	Frequent and Strong Antibody-Mediated Natural Killer Cell Activation in Response to HIV-1 Env in Individuals with Chronic HIV-1 Infection. <i>Journal of Virology</i> , 2012, 86, 6986-6993.	1.5	37



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127	Whole Genome Pyrosequencing of Rare Hepatitis C Virus Genotypes Enhances Subtype Classification and Identification of Naturally Occurring Drug Resistance Variants. <i>Journal of Infectious Diseases</i> , 2013, 208, 17-31.	1.9	37
128	A high incidence of <i>Shigella</i> -induced arthritis in a primate species: major histocompatibility complex class I molecules associated with resistance and susceptibility, and their relationship to HLA-B27. <i>Immunogenetics</i> , 2000, 51, 314-325.	1.2	36
129	Increased frequency and function of KIR2DL1 <sup>3</sup> NK cells in primary HIV-1 infection are determined by HLA-C group haplotypes. <i>European Journal of Immunology</i> , 2014, 44, 2938-2948.	1.6	36
130	Protection of Humanized Mice From Repeated Intravaginal HIV Challenge by Passive Immunization: A Model for Studying the Efficacy of Neutralizing Antibodies In Vivo. <i>Journal of Infectious Diseases</i> , 2016, 214, 612-616.	1.9	33
131	Gorillas with Spondyloarthropathies Express an MHC Class I Molecule with Only Limited Sequence Similarity to HLA-B27 that Binds Peptides with Arginine at P2. <i>Journal of Immunology</i> , 2001, 166, 3334-3344.	0.4	32
132	Fine Specificity and Cross-Clade Reactivity of HIV Type 1 Gag-Specific CD4+T Cells. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 315-325.	0.5	32
133	Increased Sequence Diversity Coverage Improves Detection of HIV-Specific T Cell Responses. <i>Journal of Immunology</i> , 2007, 179, 6638-6650.	0.4	32
134	Immunologic evidence for lack of heterologous protection following resolution of HCV in patients with non-genotype 1 infection. <i>Blood</i> , 2007, 110, 1559-1569.	0.6	32
135	DNA immunization in combination with effective antiretroviral drug therapy controls viral rebound and prevents simian AIDS after treatment is discontinued. <i>Virology</i> , 2006, 348, 200-215.	1.1	31
136	Compensatory Mutations Restore the Replication Defects Caused by Cytotoxic T Lymphocyte Escape Mutations in Hepatitis C Virus Polymerase. <i>Journal of Virology</i> , 2011, 85, 11883-11890.	1.5	30
137	Vaccine-Induced Simian Immunodeficiency Virus-Specific CD8 <sup>+</sup> T-Cell Responses Focused on a Single Nef Epitope Select for Escape Variants Shortly after Infection. <i>Journal of Virology</i> , 2015, 89, 10802-10820.	1.5	30
138	Effect of scavenger receptor class B type I antagonist ITX5061 in patients with hepatitis C virus infection undergoing liver transplantation. <i>Liver Transplantation</i> , 2016, 22, 287-297.	1.3	30
139	Increased detection of HIV-specific T cell responses by combination of central sequences with comparable immunogenicity. <i>Aids</i> , 2008, 22, 447-456.	1.0	29
140	How a Single Patient Influenced HIV Research – 15-Year Follow-up. <i>New England Journal of Medicine</i> , 2014, 370, 682-683.	13.9	29
141	Enhanced immune activation linked to endotoxemia in HIV-1 seronegative MSM. <i>Aids</i> , 2014, 28, 2162-2166.	1.0	28
142	High resolution sequencing of hepatitis C virus reveals limited intra-hepatic compartmentalization in end-stage liver disease. <i>Journal of Hepatology</i> , 2017, 66, 28-38.	1.8	28
143	Characterization of full-length hepatitis C virus genotype 4 sequences. <i>Journal of Viral Hepatitis</i> , 2007, 14, 330-337.	1.0	27
144	Temporal Dynamics of a Predominant Protease Inhibitor Resistance Mutation in a Treatment-Naive, Hepatitis C Virus-Infected Individual. <i>Journal of Infectious Diseases</i> , 2009, 199, 737-741.	1.9	24

#	ARTICLE	IF	CITATIONS
145	HLA-B*27 subtype specificity determines targeting and viral evolution of a hepatitis C virus-specific CD8+ T cell epitope. <i>Journal of Hepatology</i> , 2014, 60, 22-29.	1.8	24
146	Trace amounts of sporadically reappearing HCV RNA can cause infection. <i>Journal of Clinical Investigation</i> , 2014, 124, 3469-3478.	3.9	23
147	STI and beyond: the prospects of boosting anti-HIV immune responses. <i>Trends in Immunology</i> , 2002, 23, 456-460.	2.9	22
148	Deep sequencing of hepatitis C virus reveals genetic compartmentalization in cerebrospinal fluid from cognitively impaired patients. <i>Liver International</i> , 2016, 36, 1418-1424.	1.9	22
149	HIV-1 Balances the Fitness Costs and Benefits of Disrupting the Host Cell Actin Cytoskeleton Early after Mucosal Transmission. <i>Cell Host and Microbe</i> , 2019, 25, 73-86.e5.	5.1	22
150	The Simian Immunodeficiency Virus Envelope Glycoprotein Contains Two Epitopes Presented by the Mamu-A*01 Class I Molecule. <i>Journal of Virology</i> , 1999, 73, 8035-8039.	1.5	22
151	Escape from a Dominant HLA-B*15-Restricted CD8 <sup>+</sup> T Cell Response against Hepatitis C Virus Requires Compensatory Mutations outside the Epitope. <i>Journal of Virology</i> , 2012, 86, 991-1000.	1.5	21
152	HIV-Specific CD8+ T-Cell Immunity in Humanized Bone Marrowâ€“Liverâ€“Thymus Mice. <i>Journal of Infectious Diseases</i> , 2013, 208, S150-S154.	1.9	20
153	Functional impairment of HIV-specific CD8+ T cells precedes aborted spontaneous control of viremia. <i>Immunity</i> , 2021, 54, 2372-2384.e7.	6.6	20
154	Increased Breadth and Depth of Cytotoxic T Lymphocytes Responses against HIV-1-B Nef by Inclusion of Epitope Variant Sequences. <i>PLoS ONE</i> , 2011, 6, e17969.	1.1	20
155	Immunization of BLT Humanized Mice Redirects T Cell Responses to Gag and Reduces Acute HIV-1 Viremia. <i>Journal of Virology</i> , 2019, 93, .	1.5	19
156	HIV Antibody Fc N-Linked Glycosylation Is Associated with Viral Rebound. <i>Cell Reports</i> , 2020, 33, 108502.	2.9	19
157	Cytotoxic T-Lymphocyte Escape Monitoring in Simian Immunodeficiency Virus Vaccine Challenge Studies. <i>DNA and Cell Biology</i> , 2002, 21, 659-664.	0.9	18
158	Analysis of the TCR Î² Variable Gene Repertoire in Chimpanzees: Identification of Functional Homologs to Human Pseudogenes. <i>Journal of Immunology</i> , 2003, 170, 4161-4169.	0.4	18
159	Immunogenicity of hybrid DNA vaccines expressing hepatitis B core particles carrying human and simian immunodeficiency virus epitopes in mice and rhesus macaques. <i>Virology</i> , 2007, 364, 245-255.	1.1	18
160	Design, Expression, and Processing of Epitomized Hepatitis C Virus-Encoded CTL Epitopes. <i>Journal of Immunology</i> , 2008, 181, 6361-6370.	0.4	17
161	Distinct Escape Pathway by Hepatitis C Virus Genotype 1a from a Dominant CD8 <sup>+</sup> T Cell Response by Selection of Altered Epitope Processing. <i>Journal of Virology</i> , 2016, 90, 33-42.	1.5	16
162	Innate immune reconstitution with suppression of HIV-1. <i>JCI Insight</i> , 2016, 1, e85433.	2.3	16

#	ARTICLE	IF	CITATIONS
163	PriSM: a primer selection and matching tool for amplification and sequencing of viral genomes. <i>Bioinformatics</i> , 2011, 27, 266-267.	1.8	15
164	Recent Advances in Humanized Mice: Accelerating the Development of an HIV Vaccine. <i>Journal of Infectious Diseases</i> , 2013, 208, S121-S124.	1.9	15
165	Early immune adaptation in HIV-1 revealed by population-level approaches. <i>Retrovirology</i> , 2014, 11, 64.	0.9	15
166	Naturally Occurring Subclinical Endotoxemia in Humans Alters Adaptive and Innate Immune Functions through Reduced MAPK and Increased STAT1 Phosphorylation. <i>Journal of Immunology</i> , 2016, 196, 668-677.	0.4	15
167	Rare Control of SIVmac239 Infection in a Vaccinated Rhesus Macaque. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 843-858.	0.5	15
168	Differences in the Expressed HLA Class I Alleles Effect the Differential Clustering of HIV Type 1-Specific T Cell Responses in Infected Chinese and Caucasians. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 557-564.	0.5	14
169	The T-cell receptor $\beta$ chain-encoding gene repertoire of a New World primate species, the cotton-top tamarin. <i>Immunogenetics</i> , 1996, 45, 151-160.	1.2	13
170	Vaccination with CTL epitopes that escape: an alternative approach to HIV vaccine development?. <i>Immunology Letters</i> , 2001, 79, 77-84.	1.1	13
171	Early type I Interferon response induces upregulation of human $\beta$ -defensin 1 during acute HIV-1 infection. <i>PLoS ONE</i> , 2017, 12, e0173161.	1.1	13
172	Rapid HIV disease progression following superinfection in an HLA-B*27:05/B*57:01-positive transmission recipient. <i>Retrovirology</i> , 2018, 15, 7.	0.9	13
173	A Novel Immunodominant CD8+ T Cell Response Restricted by a Common HLA-C Allele Targets a Conserved Region of Gag HIV-1 Clade CRF01_AE Infected Thais. <i>PLoS ONE</i> , 2011, 6, e23603.	1.1	13
174	Loss of HIV-1-specific T-cell responses associated with very rapid HIV-1 disease progression. <i>Aids</i> , 2007, 21, 889-891.	1.0	12
175	Ceestatin, a Novel Small Molecule Inhibitor of Hepatitis C Virus Replication, Inhibits 3-Hydroxy-3-Methylglutaryl-Coenzyme A Synthase. <i>Journal of Infectious Diseases</i> , 2011, 204, 609-616.	1.9	12
176	Temporal effect of HLA-B*57 on viral control during primary HIV-1 infection. <i>Retrovirology</i> , 2013, 10, 139.	0.9	11
177	Disease progression despite protective HLA expression in an HIV-infected transmission pair. <i>Retrovirology</i> , 2015, 12, 55.	0.9	11
178	<i>Mamu-B*17</i> <sup>+</sup> Rhesus Macaques Vaccinated with <i>env</i> , <i>vif</i> , and <i>nef</i> Manifest Early Control of SIVmac239 Replication. <i>Journal of Virology</i> , 2018, 92, .	1.5	11
179	A set of reference sequences for the hepatitis C genotypes 4d, 4f, and 4k covering the full open reading frame. <i>Journal of Medical Virology</i> , 2008, 80, 1370-1378.	2.5	10
180	Dengue Virus Evades AAV-Mediated Neutralizing Antibody Prophylaxis in Rhesus Monkeys. <i>Molecular Therapy</i> , 2017, 25, 2323-2331.	3.7	9

#	ARTICLE	IF	CITATIONS
181	Use of Dried Blood Spots to Elucidate Full-Length Transmitted/Founder HIV-1 Genomes. <i>Pathogens and Immunity</i> , 2016, 1, 129.	1.4	9
182	Viral evolution and escape during primary human immunodeficiency virus-1 infection: implications for vaccine design. <i>Current Opinion in HIV and AIDS</i> , 2008, 3, 60-66.	1.5	8
183	Innate Immune Reconstitution in Humanized Bone Marrow-Liver-Thymus (HuBLT) Mice Governs Adaptive Cellular Immune Function and Responses to HIV-1 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 667393.	2.2	8
184	Phenotypic analysis of NS5A variant from liver transplant patient with increased cyclosporine susceptibility. <i>Virology</i> , 2013, 436, 268-273.	1.1	7
185	Role of HCV Viremia in Corroborated HCV Transmission Events Within Young Adult Injecting Partnerships. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz125.	0.4	7
186	Metagenomic Sequencing of HIV-1 in the Blood and Female Genital Tract Reveals Little Quasispecies Diversity during Acute Infection. <i>Journal of Virology</i> , 2019, 93, .	1.5	7
187	Poly I:C and STING agonist-primed DC increase lymphoid tissue polyfunctional HIV-1-specific CD8 <sup>+</sup> T cells and limit CD4 <sup>+</sup> T cell loss in BLT mice. <i>European Journal of Immunology</i> , 2022, 52, 447-461.	1.6	7
188	New insights into evaluating effective T-cell responses to HIV. <i>Aids</i> , 2001, 15, S117-S126.	1.0	6
189	Lower Broadly Neutralizing Antibody Responses in Female Versus Male HIV-1 Infected Injecting Drug Users. <i>Viruses</i> , 2019, 11, 384.	1.5	6
190	Epidemiologically linked transmission of HIV-1 illustrates the impact of host genetics on virological outcome. <i>Aids</i> , 2009, 23, 259-262.	1.0	4
191	Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein. <i>PLoS Pathogens</i> , 2020, 16, e1008577.	2.1	3
192	Hepatitis C Virus Transmission Clusters in Public Health and Correctional Settings, Wisconsin, USA, 2016-2017. <i>Emerging Infectious Diseases</i> , 2021, 27, 480-489.	2.0	3
193	Identification of Genetically Related HCV Infections Among Self-Described Injecting Partnerships. <i>Clinical Infectious Diseases</i> , 2022, 74, 993-1003.	2.9	3
194	Reply to Colson and Gerolami. <i>Journal of Infectious Diseases</i> , 2011, 203, 1342-1343.	1.9	1
195	Tim-3 expression on PD-1 <sup>+</sup> HCV-specific human CTLs is associated with viral persistence, and its blockade restores hepatocyte-directed in vitro cytotoxicity. <i>Journal of Clinical Investigation</i> , 2011, 121, 821-821.	3.9	1
196	Epitope sharing as a consequence of limited MHC class I polymorphism and sequence variation in the cotton-top tamarin. <i>Human Immunology</i> , 1996, 47, 128.	1.2	0
197	Sensitive population profiling and genome assembly of HIV and Flaviviruses using ultra-deep sequencing technologies. <i>Genome Biology</i> , 2010, 11, P18.	13.9	0
198	HLA Footprints on Human Immunodeficiency Virus Type 1 Are Associated with Interclade Polymorphisms and Intraclade Phylogenetic Clustering. <i>Journal of Virology</i> , 2011, 85, 4635-4635.	1.5	0

#	ARTICLE	IF	CITATIONS
199	Hepatitis C Virus (HCV) Sequence Variation Induces an HCV-Specific T-Cell Phenotype Analogous to Spontaneous Resolution. <i>Journal of Virology</i> , 2011, 85, 4636-4636.	1.5	0
200	P222 DISTINCT ESCAPE PATHWAY BY HCV GENOTYPE 1A FROM A DOMINANT CD8+ T CELL RESPONSE BY SELECTION OF ALTERED EPITOPE PROCESSING. <i>Journal of Hepatology</i> , 2014, 60, S140.	1.8	0
201	HIV Minor Variants Detected by Next Generation Sequencing: Impact on Immune Control of HIV in the Context of HLA-B*27:05 and HLA-B*57:01. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A180-A181.	0.5	0
202	Interferon-I: The PiÃ©ce de RÃ©sistance of HIV-1 Transmission?. <i>Trends in Microbiology</i> , 2017, 25, 332-334.	3.5	0
203	Sa1525 â€“ Visne Analysis of Hepatitis C Virus-Specific Cd8 T Cells from Direct Acting Antiviral-Treated Chronic Hcv Patients and Hcv Resolvers. <i>Gastroenterology</i> , 2019, 156, S-1232.	0.6	0
204	Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein. , 2020, 16, e1008577.		0
205	Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein. , 2020, 16, e1008577.		0
206	Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein. , 2020, 16, e1008577.		0
207	Gp41-targeted antibodies restore infectivity of a fusion-deficient HIV-1 envelope glycoprotein. , 2020, 16, e1008577.		0