

Annette Oxenius

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199
papers

11,768
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58
h-index

104
g-index

214
ext. papers

13,738
ext. citations

10.1
avg, IF

6.19
L-index

#	Paper	IF	Citations
199	HIV preferentially infects HIV-specific CD4+ T cells. <i>Nature</i> , 2002 , 417, 95-8	50.4	998
198	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019 , 49, 1457-1973	6.1	485
197	Delay of HIV-1 rebound after cessation of antiretroviral therapy through passive transfer of human neutralizing antibodies. <i>Nature Medicine</i> , 2005 , 11, 615-22	50.5	419
196	IL-21R on T cells is critical for sustained functionality and control of chronic viral infection. <i>Science</i> , 2009 , 324, 1576-80	33.3	363
195	Guidelines for the use of flow cytometry and cell sorting in immunological studies. <i>European Journal of Immunology</i> , 2017 , 47, 1584-1797	6.1	359
194	Memory inflation: continuous accumulation of antiviral CD8+ T cells over time. <i>Journal of Immunology</i> , 2003 , 170, 2022-9	5.3	339
193	Virus-specific MHC-class II-restricted TCR-transgenic mice: effects on humoral and cellular immune responses after viral infection. <i>European Journal of Immunology</i> , 1998 , 28, 390-400	6.1	305
192	Regulation of antiviral T cell responses by type I interferons. <i>Nature Reviews Immunology</i> , 2015 , 15, 231-48.5	48.5	256
191	T cell responses to cytomegalovirus. <i>Nature Reviews Immunology</i> , 2016 , 16, 367-77	36.5	253
190	TRANCE, a tumor necrosis factor family member critical for CD40 ligand-independent T helper cell activation. <i>Journal of Experimental Medicine</i> , 1999 , 189, 1025-31	16.6	222
189	Immediate cytotoxicity but not degranulation distinguishes effector and memory subsets of CD8+ T cells. <i>Journal of Experimental Medicine</i> , 2004 , 199, 925-36	16.6	215
188	Functional properties and lineage relationship of CD8+ T cell subsets identified by expression of IL-7 receptor alpha and CD62L. <i>Journal of Immunology</i> , 2005 , 175, 4686-96	5.3	211
187	Disseminated and sustained HIV infection in CD34+ cord blood cell-transplanted Rag2-/-gamma c-/- mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 15951-6	11.5	201
186	Inducible costimulator protein (ICOS) controls T helper cell subset polarization after virus and parasite infection. <i>Journal of Experimental Medicine</i> , 2000 , 192, 53-61	16.6	178
185	Stimulation of HIV-specific cellular immunity by structured treatment interruption fails to enhance viral control in chronic HIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 13747-52	11.5	176
184	Differential role of IL-2R signaling for CD8+ T cell responses in acute and chronic viral infections. <i>European Journal of Immunology</i> , 2007 , 37, 1502-12	6.1	160
183	Type I interferons protect T cells against NK cell attack mediated by the activating receptor NCR1. <i>Immunity</i> , 2014 , 40, 961-73	32.3	159

182	Interleukin 2: from immunostimulation to immunoregulation and back again. <i>EMBO Reports</i> , 2007 , 8, 1142-8	6.5	151
181	Inflammasome activation and IL-1 β target IL-1 β for secretion as opposed to surface expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 18055-60	11.5	144
180	Comparison of activation versus induction of unresponsiveness of virus-specific CD4+ and CD8+ T cells upon acute versus persistent viral infection. <i>Immunity</i> , 1998 , 9, 449-57	32.3	141
179	NK cells regulating T cell responses: mechanisms and outcome. <i>Trends in Immunology</i> , 2015 , 36, 49-58	14.4	139
178	A prospective trial of structured treatment interruptions in human immunodeficiency virus infection. <i>Archives of Internal Medicine</i> , 2003 , 163, 1220-6		129
177	Programmed death 1 protects from fatal circulatory failure during systemic virus infection of mice. <i>Journal of Experimental Medicine</i> , 2012 , 209, 2485-99	16.6	127
176	MHC class I-restricted killing of neurons by virus-specific CD8+ T lymphocytes is effected through the Fas/FasL, but not the perforin pathway. <i>European Journal of Immunology</i> , 2000 , 30, 3623-33	6.1	127
175	Selection of a broad repertoire of CD4+ T cells in H-2Ma0/0 mice. <i>Immunity</i> , 1997 , 7, 187-95	32.3	113
174	Recall proliferation potential of memory CD8+ T cells and antiviral protection. <i>Journal of Immunology</i> , 2005 , 175, 4677-85	5.3	108
173	Impaired NFAT nuclear translocation results in split exhaustion of virus-specific CD8+ T cell functions during chronic viral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 4565-70	11.5	105
172	Emergence of polyfunctional CD8+ T cells after prolonged suppression of human immunodeficiency virus replication by antiretroviral therapy. <i>Journal of Virology</i> , 2008 , 82, 3391-404	6.6	103
171	Non-hematopoietic cells in lymph nodes drive memory CD8 T cell inflation during murine cytomegalovirus infection. <i>PLoS Pathogens</i> , 2011 , 7, e1002313	7.6	101
170	A novel role for neutrophils as critical activators of NK cells. <i>Journal of Immunology</i> , 2008 , 181, 7121-30	5.3	100
169	CpG-containing oligonucleotides are efficient adjuvants for induction of protective antiviral immune responses with T-cell peptide vaccines. <i>Journal of Virology</i> , 1999 , 73, 4120-6	6.6	98
168	The Salivary Gland Acts as a Sink for Tissue-Resident Memory CD8(+) T Cells, Facilitating Protection from Local Cytomegalovirus Infection. <i>Cell Reports</i> , 2015 , 13, 1125-1136	10.6	96
167	The role of somatic mutation in the generation of the protective humoral immune response against vesicular stomatitis virus. <i>Immunity</i> , 1996 , 5, 639-52	32.3	94
166	From crucial to negligible: functional CD8+ T-cell responses and their dependence on CD4+ T-cell help. <i>European Journal of Immunology</i> , 2012 , 42, 1080-8	6.1	92
165	MyD88-dependent IFN-gamma production by NK cells is key for control of Legionella pneumophila infection. <i>Journal of Immunology</i> , 2006 , 176, 6162-71	5.3	92

164	Expansion of protective CD8+ T-cell responses driven by recombinant cytomegaloviruses. <i>Journal of Virology</i> , 2004 , 78, 2255-64	6.6	92
163	TAP1-independent loading of class I molecules by exogenous viral proteins. <i>European Journal of Immunology</i> , 1995 , 25, 1739-43	6.1	91
162	Presentation of endogenous viral proteins in association with major histocompatibility complex class II: on the role of intracellular compartmentalization, invariant chain and the TAP transporter system. <i>European Journal of Immunology</i> , 1995 , 25, 3402-11	6.1	90
161	Recognition and Regulation of T Cells by NK Cells. <i>Frontiers in Immunology</i> , 2016 , 7, 251	8.4	84
160	TREM-1 deficiency can attenuate disease severity without affecting pathogen clearance. <i>PLoS Pathogens</i> , 2014 , 10, e1003900	7.6	83
159	On the role of the inhibitory receptor LAG-3 in acute and chronic LCMV infection. <i>International Immunology</i> , 2010 , 22, 13-23	4.9	82
158	Peptide-induced T cell receptor down-regulation on naive T cells predicts agonist/partial agonist properties and strictly correlates with T cell activation. <i>European Journal of Immunology</i> , 1997 , 27, 2195-203	6.1	80
157	Antigen-dependent and -independent mechanisms of T and B cell hyperactivation during chronic HIV-1 infection. <i>Journal of Virology</i> , 2011 , 85, 12102-13	6.6	77
156	CD4(+) T cell subsets during virus infection. Protective capacity depends on effector cytokine secretion and on migratory capability. <i>Journal of Experimental Medicine</i> , 2000 , 191, 2159-70	16.6	77
155	How chronic viral infections impact on antigen-specific T-cell responses. <i>European Journal of Immunology</i> , 2010 , 40, 654-63	6.1	76
154	A novel Th cell epitope of <i>Candida albicans</i> mediates protection from fungal infection. <i>Journal of Immunology</i> , 2012 , 188, 5636-43	5.3	73
153	Batf3 transcription factor-dependent DC subsets in murine CMV infection: differential impact on T-cell priming and memory inflation. <i>European Journal of Immunology</i> , 2011 , 41, 2612-8	6.1	72
152	Immune senescence: relative contributions of age and cytomegalovirus infection. <i>PLoS Pathogens</i> , 2012 , 8, e1002850	7.6	72
151	Quantifiable cytotoxic T lymphocyte responses and HLA-related risk of progression to AIDS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 12266-70	11.5	71
150	Cytotoxic T lymphocyte responses to human immunodeficiency virus: control and escape. <i>Stem Cells</i> , 2000 , 18, 230-44	5.8	70
149	Peroxisredoxin 6 is required for blood vessel integrity in wounded skin. <i>Journal of Cell Biology</i> , 2007 , 179, 747-60	7.3	69
148	Antibodies protect against intracellular bacteria by Fc receptor-mediated lysosomal targeting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 20441-6	11.5	67
147	Long-lived memory CD8+ T cells are programmed by prolonged antigen exposure and low levels of cellular activation. <i>European Journal of Immunology</i> , 2006 , 36, 842-54	6.1	67

146	Direct activation of antigen-presenting cells is required for CD8+ T-cell priming and tumor vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 17414-9	11.5	66
145	IL-10 suppression of NK/DC crosstalk leads to poor priming of MCMV-specific CD4 T cells and prolonged MCMV persistence. <i>PLoS Pathogens</i> , 2012 , 8, e1002846	7.6	66
144	CD4+ T-cell-epitope escape mutant virus selected in vivo. <i>Nature Medicine</i> , 2001 , 7, 795-800	50.5	65
143	Absence of cross-presenting cells in the salivary gland and viral immune evasion confine cytomegalovirus immune control to effector CD4 T cells. <i>PLoS Pathogens</i> , 2011 , 7, e1002214	7.6	60
142	Loss of viral control in early HIV-1 infection is temporally associated with sequential escape from CD8+ T cell responses and decrease in HIV-1-specific CD4+ and CD8+ T cell frequencies. <i>Journal of Infectious Diseases</i> , 2004 , 190, 713-21	7	60
141	IL-21 restricts virus-driven Treg cell expansion in chronic LCMV infection. <i>PLoS Pathogens</i> , 2013 , 9, e1003362	5.8	58
140	A simple method for evaluating the rejection of grafted spleen cells by flow cytometry and tracing adoptively transferred cells by light microscopy. <i>Journal of Immunological Methods</i> , 1997 , 207, 33-42	2.5	57
139	MHC class II proteins mediate cross-species entry of bat influenza viruses. <i>Nature</i> , 2019 , 567, 109-112	50.4	57
138	Type-I IFN drives the differentiation of short-lived effector CD8+ T cells in vivo. <i>European Journal of Immunology</i> , 2012 , 42, 320-9	6.1	56
137	The dynamics of mouse cytomegalovirus-specific CD4 T cell responses during acute and latent infection. <i>Journal of Immunology</i> , 2008 , 181, 1128-34	5.3	56
136	Virus-specific CD8 T cells: activation, differentiation and memory formation. <i>Apmis</i> , 2009 , 117, 356-81	3.4	53
135	Tumor-necrosis factor impairs CD4(+) T cell-mediated immunological control in chronic viral infection. <i>Nature Immunology</i> , 2016 , 17, 593-603	19.1	52
134	Systemic antibody responses to gut commensal bacteria during chronic HIV-1 infection. <i>Gut</i> , 2011 , 60, 1506-19	19.2	52
133	Type I IFN substitutes for T cell help during viral infections. <i>Journal of Immunology</i> , 2011 , 186, 754-63	5.3	50
132	Antigen amount dictates CD8+ T-cell exhaustion during chronic viral infection irrespective of the type of antigen presenting cell. <i>European Journal of Immunology</i> , 2012 , 42, 2290-304	6.1	45
131	Sustained T follicular helper cell response is essential for control of chronic viral infection. <i>Science Immunology</i> , 2017 , 2,	28	44
130	Cutting edge: distinct roles for T help and CD40/CD40 ligand in regulating differentiation of proliferation-competent memory CD8+ T cells. <i>Journal of Immunology</i> , 2004 , 173, 2217-21	5.3	44
129	O Mannosylation of alpha-dystroglycan is essential for lymphocytic choriomeningitis virus receptor function. <i>Journal of Virology</i> , 2005 , 79, 14297-308	6.6	44

128	HIV-1 specific CD4+ T lymphocyte turnover and activation increase upon viral rebound. <i>Journal of Clinical Investigation</i> , 2005 , 115, 443-450	15.9	43
127	Neutrophil and Alveolar Macrophage-Mediated Innate Immune Control of Legionella pneumophila Lung Infection via TNF and ROS. <i>PLoS Pathogens</i> , 2016 , 12, e1005591	7.6	43
126	Humoral immunity to HIV-1: kinetics of antibody responses in chronic infection reflects capacity of immune system to improve viral set point. <i>Blood</i> , 2004 , 104, 1784-92	2.2	42
125	Virological and immunological effects of short-course antiretroviral therapy in primary HIV infection. <i>Aids</i> , 2002 , 16, 2049-54	3.5	42
124	Nonhematopoietic cells are key players in innate control of bacterial airway infection. <i>Journal of Immunology</i> , 2011 , 186, 3130-7	5.3	41
123	Entry and transcription as key determinants of differences in CD4 T-cell permissiveness to human immunodeficiency virus type 1 infection. <i>Journal of Virology</i> , 2004 , 78, 10747-54	6.6	41
122	Macrophage and T cell produced IL-10 promotes viral chronicity. <i>PLoS Pathogens</i> , 2013 , 9, e1003735	7.6	40
121	Human immunodeficiency virus-specific CD8(+) T-cell responses do not predict viral growth and clearance rates during structured intermittent antiretroviral therapy. <i>Journal of Virology</i> , 2002 , 76, 10169-76	6.6	40
120	Formation of TCR dimers/trimers as a crucial step for T cell activation. <i>European Journal of Immunology</i> , 1998 , 28, 2571-9	6.1	39
119	Low human immunodeficiency virus envelope diversity correlates with low in vitro replication capacity and predicts spontaneous control of plasma viremia after treatment interruptions. <i>Journal of Virology</i> , 2005 , 79, 9026-37	6.6	39
118	T cell metabolism. The protein LEM promotes CD8+ T cell immunity through effects on mitochondrial respiration. <i>Science</i> , 2015 , 348, 995-1001	33.3	38
117	T-cell help permits memory CD8(+) T-cell inflation during cytomegalovirus latency. <i>European Journal of Immunology</i> , 2011 , 41, 2248-59	6.1	38
116	CD4+ T-cell induction and effector functions: a comparison of immunity against soluble antigens and viral infections. <i>Advances in Immunology</i> , 1998 , 70, 313-67	5.6	38
115	Failure to detect xenotropic murine leukemia virus-related virus in blood of individuals at high risk of blood-borne viral infections. <i>Journal of Infectious Diseases</i> , 2010 , 202, 1482-5	7	37
114	Systemic antibody responses to gut microbes in health and disease. <i>Gut Microbes</i> , 2012 , 3, 42-7	8.8	37
113	Induction and protective role of antibodies in Legionella pneumophila infection. <i>European Journal of Immunology</i> , 2007 , 37, 3414-23	6.1	37
112	Sarcoma Eradication by Doxorubicin and Targeted TNF Relies upon CD8 T-cell Recognition of a Retroviral Antigen. <i>Cancer Research</i> , 2017 , 77, 3644-3654	10.1	36
111	CD8+ T cells are activated in an antigen-independent manner in HIV-infected individuals. <i>Journal of Immunology</i> , 2014 , 192, 1732-44	5.3	35

110	Tissue maintenance of CMV-specific inflationary memory T cells by IL-15. <i>PLoS Pathogens</i> , 2018 , 14, e1006693	6.9	35
109	Relevance of HIV-1-specific CD4+ helper T-cell responses during structured treatment interruptions in patients with CD4+ T-cell nadir above 400/mm ³ . <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004 , 36, 791-9	3.1	34
108	Antibody-Fc receptor interactions in protection against intracellular pathogens. <i>European Journal of Immunology</i> , 2011 , 41, 889-97	6.1	32
107	VSV-GP: a potent viral vaccine vector that boosts the immune response upon repeated applications. <i>Journal of Virology</i> , 2014 , 88, 4897-907	6.6	31
106	Functional discrepancies in HIV-specific CD8+ T-lymphocyte populations are related to plasma virus load. <i>Journal of Clinical Immunology</i> , 2002 , 22, 363-74	5.7	31
105	Adoptive transfer of cytomegalovirus-specific effector CD4+ T cells provides antiviral protection from murine CMV infection. <i>European Journal of Immunology</i> , 2013 , 43, 2886-95	6.1	30
104	Th cells act via two synergistic pathways to promote antiviral CD8+ T cell responses. <i>Journal of Immunology</i> , 2010 , 185, 5188-97	5.3	30
103	Variable fate of virus-specific CD4(+) T cells during primary HIV-1 infection. <i>European Journal of Immunology</i> , 2001 , 31, 3782-8	6.1	29
102	CD4+ T cell responses in mice lacking MHC class II molecules specifically on B cells. <i>European Journal of Immunology</i> , 1998 , 28, 3763-72	6.1	27
101	Discordant outcomes following failure of antiretroviral therapy are associated with substantial differences in human immunodeficiency virus-specific cellular immunity. <i>Journal of Virology</i> , 2003 , 77, 6041-9	6.6	26
100	Direct ex vivo analysis reveals distinct phenotypic patterns of HIV-specific CD8(+) T lymphocyte activation in response to therapeutic manipulation of virus load. <i>European Journal of Immunology</i> , 2001 , 31, 1115-21	6.1	26
99	HIV-1-specific CD4+ T lymphocyte turnover and activation increase upon viral rebound. <i>Journal of Clinical Investigation</i> , 2005 , 115, 443-50	15.9	26
98	Comparing the kinetics of NK cells, CD4, and CD8 T cells in murine cytomegalovirus infection. <i>Journal of Immunology</i> , 2011 , 187, 1385-92	5.3	25
97	Differential survival of cytotoxic T cells and memory cell precursors. <i>Journal of Immunology</i> , 2007 , 178, 3483-91	5.3	25
96	Comparison of methods for phylogenetic B-cell lineage inference using time-resolved antibody repertoire simulations (AbSim). <i>Bioinformatics</i> , 2017 , 33, 3938-3946	7.2	24
95	T cell memory in the context of persistent herpes viral infections. <i>Viruses</i> , 2012 , 4, 1116-43	6.2	24
94	Kinetic and mechanistic requirements for helping CD8 T cells. <i>Journal of Immunology</i> , 2008 , 180, 1517-25	5.3	24
93	NK cells negatively regulate CD8 T cells via natural cytotoxicity receptor (NCR) 1 during LCMV infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007725	7.6	23

92	Brain-resident memory CD8 T cells induced by congenital CMV infection prevent brain pathology and virus reactivation. <i>European Journal of Immunology</i> , 2018 , 48, 950-964	6.1	23
91	Non-neutralizing antibodies protect from chronic LCMV infection independently of activating FcR or complement. <i>European Journal of Immunology</i> , 2013 , 43, 2349-60	6.1	23
90	TIGIT limits immune pathology during viral infections. <i>Nature Communications</i> , 2020 , 11, 1288	17.4	22
89	Memory CD8 T cell inflation vs tissue-resident memory T cells: Same patrollers, same controllers?. <i>Immunological Reviews</i> , 2018 , 283, 161-175	11.3	22
88	HIV-specific cellular immune response is inversely correlated with disease progression as defined by decline of CD4+ T cells in relation to HIV RNA load. <i>Journal of Infectious Diseases</i> , 2004 , 189, 1199-2087	7	22
87	The transcription factor Rfx7 limits metabolism of NK cells and promotes their maintenance and immunity. <i>Nature Immunology</i> , 2018 , 19, 809-820	19.1	21
86	Modulation of asymmetric cell division as a mechanism to boost CD8 T cell memory. <i>Science Immunology</i> , 2019 , 4,	28	20
85	Superior induction and maintenance of protective CD8 T cells in mice infected with mouse cytomegalovirus vector expressing RAE-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16550-5	11.5	20
84	Innate instruction of CD4+ T cell immunity in respiratory bacterial infection. <i>Journal of Immunology</i> , 2012 , 189, 616-28	5.3	20
83	Functional and biophysical characterization of an HLA-A*6801-restricted HIV-specific T cell receptor. <i>European Journal of Immunology</i> , 2007 , 37, 479-86	6.1	20
82	Viral nucleoprotein antibodies activate TRIM21 and induce T cell immunity. <i>EMBO Journal</i> , 2021 , 40, e106328	28	20
81	Tcf1 cells are required to maintain the inflationary T cell pool upon MCMV infection. <i>Nature Communications</i> , 2020 , 11, 2295	17.4	19
80	Landornamides: Antiviral Ornithine-Containing Ribosomal Peptides Discovered through Genome Mining. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11763-11768	16.4	19
79	Quantitative and Qualitative Analysis of Humoral Immunity Reveals Continued and Personalized Evolution in Chronic Viral Infection. <i>Cell Reports</i> , 2020 , 30, 997-1012.e6	10.6	19
78	A controlled trial of granulocyte macrophage-colony stimulating factor during interruption of HAART. <i>Aids</i> , 2003 , 17, 1487-92	3.5	19
77	Comparison of cytotoxic T lymphocyte efficacy in acute and persistent lymphocytic choriomeningitis virus infection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 3395-402	4.4	18
76	CD4+ T-cell help is required for effective CD8+ T cell-mediated resolution of acute viral hepatitis in mice. <i>PLoS ONE</i> , 2014 , 9, e86348	3.7	17
75	CD4 T cell responses in latent and chronic viral infections. <i>Frontiers in Immunology</i> , 2013 , 4, 105	8.4	17

74	Residual HIV-specific CD4 and CD8 T cell frequencies after prolonged antiretroviral therapy reflect pretreatment plasma virus load. <i>Aids</i> , 2002 , 16, 2317-22	3.5	17
73	Tracing Antibody Repertoire Evolution by Systems Phylogeny. <i>Frontiers in Immunology</i> , 2018 , 9, 2149	8.4	17
72	Fuel and brake of memory T cell inflation. <i>Medical Microbiology and Immunology</i> , 2019 , 208, 329-338	4	16
71	Reversal of chronic to resolved infection by IL-10 blockade is LCMV strain dependent. <i>European Journal of Immunology</i> , 2013 , 43, 649-54	6.1	16
70	The risks of targeting co-inhibitory pathways to modulate pathogen-directed T cell responses. <i>Trends in Immunology</i> , 2013 , 34, 193-9	14.4	15
69	Identification of protective B cell antigens of Legionella pneumophila. <i>Journal of Immunology</i> , 2012 , 189, 841-9	5.3	15
68	Early primed KLRG1- CMV-specific T cells determine the size of the inflationary T cell pool. <i>PLoS Pathogens</i> , 2019 , 15, e1007785	7.6	14
67	Advances in cytomegalovirus (CMV) biology and its relationship to health, diseases, and aging. <i>GeroScience</i> , 2020 , 42, 495-504	8.9	14
66	Post-translational modification of {alpha}-dystroglycan is not critical for lymphocytic choriomeningitis virus receptor function in vivo. <i>Journal of General Virology</i> , 2008 , 89, 2713-2722	4.9	14
65	Landscape of Exhausted Virus-Specific CD8 ^T Cells in Chronic LCMV Infection. <i>Cell Reports</i> , 2020 , 32, 108076	10.6	14
64	Impact of antigen specificity on CD4 ⁺ T cell activation in chronic HIV-1 infection. <i>BMC Infectious Diseases</i> , 2013 , 13, 100	4	13
63	HIV-1 replication activates CD4 ⁺ T cells with specificities for persistent herpes viruses. <i>EMBO Molecular Medicine</i> , 2010 , 2, 231-44	12	13
62	Dissecting the contribution of IgG subclasses in restricting airway infection with Legionella pneumophila. <i>Journal of Immunology</i> , 2014 , 193, 4053-9	5.3	12
61	HIV replication elicits little cytopathic effects in vivo: analysis of surrogate markers for virus production, cytotoxic T cell response and infected cell death. <i>Journal of Medical Virology</i> , 2006 , 78, 1141-8	19.7	12
60	Novel CD8 ⁺ T cell antagonists based on beta 2-microglobulin. <i>Journal of Biological Chemistry</i> , 2002 , 277, 20840-6	5.4	12
59	Chronic virus infection compromises memory bystander T cell function in an IL-6/STAT1-dependent manner. <i>Journal of Experimental Medicine</i> , 2019 , 216, 571-586	16.6	11
58	Salivary gland resident APCs are Flt3L- and CCR2-independent macrophage-like cells incapable of cross-presentation. <i>European Journal of Immunology</i> , 2014 , 44, 706-14	6.1	11
57	Effects of retroviral protease inhibitors on proteasome function and processing of HIV-derived MHC class I-restricted cytotoxic T lymphocyte epitopes. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 1063-6	1.6	11

56	Estimating the In Vivo Killing Efficacy of Cytotoxic T Lymphocytes across Different Peptide-MHC Complex Densities. <i>PLoS Computational Biology</i> , 2015 , 11, e1004178	5	10
55	Platypus: an open-access software for integrating lymphocyte single-cell immune repertoires with transcriptomes. <i>NAR Genomics and Bioinformatics</i> , 2021 , 3, lqab023	3.7	10
54	Structured treatment interruptions in HIV infection: benefit or disappointment?. <i>Expert Review of Anti-Infective Therapy</i> , 2003 , 1, 129-39	5.5	9
53	Adenovirus vector vaccination reprograms pulmonary fibroblastic niches to support protective inflating memory CD8 T cells. <i>Nature Immunology</i> , 2021 , 22, 1042-1051	19.1	9
52	The orientation of HIV-1 gp120 binding to the CD4 receptor differentially modulates CD4+ T cell activation. <i>Journal of Immunology</i> , 2015 , 194, 637-49	5.3	8
51	Profiling Virus-Specific Tcf1+ T Cell Repertoires During Acute and Chronic Viral Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 986	8.4	8
50	Tissue-resident memory T cells in cytomegalovirus infection. <i>Current Opinion in Virology</i> , 2016 , 16, 63-69	7.5	8
49	The Janus Face of Follicular T Helper Cells in Chronic Viral Infections. <i>Frontiers in Immunology</i> , 2018 , 9, 1162	8.4	8
48	No evidence for competition between cytotoxic T-lymphocyte responses in HIV-1 infection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 4389-97	4.4	8
47	T lymphocyte responses against human parvovirus B19: small virus, big response. <i>Pathologie Et Biologie</i> , 2002 , 50, 317-25		8
46	Distribution of functional HIV-specific CD8 T lymphocytes between blood and secondary lymphoid organs after 8-18 months of antiretroviral therapy in acutely infected patients. <i>Aids</i> , 2001 , 15, 1653-6	3.5	8
45	Exhausted CD8 T cells exhibit low and strongly inhibited TCR signaling during chronic LCMV infection. <i>Nature Communications</i> , 2020 , 11, 4454	17.4	8
44	Rapid expansion of Treg cells protects from collateral colitis following a viral trigger. <i>Nature Communications</i> , 2020 , 11, 1522	17.4	7
43	T-cell help dependence of memory CD8+ T-cell expansion upon vaccinia virus challenge relies on CD40 signaling. <i>European Journal of Immunology</i> , 2014 , 44, 115-26	6.1	7
42	Fibronectin fibers are highly tensed in healthy organs in contrast to tumors and virus-infected lymph nodes. <i>Matrix Biology Plus</i> , 2020 , 8, 100046	5.1	7
41	Investigating the Dynamics of MCMV-Specific CD8 T Cell Responses in Individual Hosts. <i>Frontiers in Immunology</i> , 2019 , 10, 1358	8.4	6
40	Single B cell technologies for monoclonal antibody discovery. <i>Trends in Immunology</i> , 2021 , 42, 1143-1158	14.4	6
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12	CD85k Contributes to Regulatory T Cell Function in Chronic Viral Infections. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	1
11	Mapping the drivers of within-host pathogen evolution using massive data sets		1
10	Nanoconfinement of Microvilli Alters Gene Expression and Boosts T cell Activation		1
9	Clonally expanded virus-specific CD8 T cells acquire diverse transcriptional phenotypes during acute, chronic, and latent infections		1
8	Dendritic cells primed with a chimeric plasmid containing HIV-1-gag associated with lysosomal-associated protein-1 (LAMP/gag) is a potential therapeutic vaccine against HIV. <i>FASEB Journal</i> , 2016 , 30, 2970-84	0.9	1
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