

# Annette Oxenius

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

199  
papers

11,768  
citations

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	Clonally Expanded Virus-Specific CD8 T Cells Acquire Diverse Transcriptional Phenotypes During Acute, Chronic, and Latent Infections.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 782441	8.4	1
198	DeepSARS: simultaneous diagnostic detection and genomic surveillance of SARS-CoV-2.. <i>BMC Genomics</i> , <b>2022</b> , 23, 289	4.5	0
197	Phenotypic determinism and stochasticity in antibody repertoires of clonally expanded plasma cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2113766-119	11.5	0
196	T cell immunity to cytomegalovirus infection.. <i>Current Opinion in Immunology</i> , <b>2022</b> , 77, 102185	7.8	0
195	TLR7 Signaling Shapes and Maintains Antibody Diversity Upon Virus-Like Particle Immunization.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 827256	8.4	0
194	Single B cell technologies for monoclonal antibody discovery. <i>Trends in Immunology</i> , <b>2021</b> , 42, 1143-1158	4.4	6
193	Profiling the specificity of clonally expanded plasma cells during chronic viral infection by single-cell analysis. <i>European Journal of Immunology</i> , <b>2021</b> ,	6.1	1
192	CD4 T Cell-Mediated Immune Control of Cytomegalovirus Infection in Murine Salivary Glands.. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	1
191	Light-mediated discovery of surfaceome nanoscale organization and intercellular receptor interaction networks. <i>Nature Communications</i> , <b>2021</b> , 12, 7036	17.4	5
190	Chronic viral infections persistently alter marrow stroma and impair hematopoietic stem cell fitness. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	2
189	Platypus: an open-access software for integrating lymphocyte single-cell immune repertoires with transcriptomes. <i>NAR Genomics and Bioinformatics</i> , <b>2021</b> , 3, lqab023	3.7	10
188	Asymmetric cell division shapes naive and virtual memory T-cell immunity during ageing. <i>Nature Communications</i> , <b>2021</b> , 12, 2715	17.4	2
187	Viral nucleoprotein antibodies activate TRIM21 and induce T cell immunity. <i>EMBO Journal</i> , <b>2021</b> , 40, e106328	3.28	20
186	Influenza- and MCMV-induced memory CD8 T cells control respiratory vaccinia virus infection despite residence in distinct anatomical niches. <i>Mucosal Immunology</i> , <b>2021</b> , 14, 728-742	9.2	0
185	Non-neutralizing antibodies protect against chronic LCMV infection by promoting infection of inflammatory monocytes in mice. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 1423-1435	6.1	2
184	Single-cell immune repertoire and transcriptome sequencing reveals that clonally expanded and transcriptionally distinct lymphocytes populate the aged central nervous system in mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20202793	4.4	4
183	Adenovirus vector vaccination reprograms pulmonary fibroblastic niches to support protective inflating memory CD8 T cells. <i>Nature Immunology</i> , <b>2021</b> , 22, 1042-1051	19.1	9

182	Intercrypt sentinel macrophages tune antibacterial NF- $\kappa$ B responses in gut epithelial cells via TNF. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	3
181	Nanoconfinement of microvilli alters gene expression and boosts T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
180	Cytomegalovirus restricts ICOSL expression on antigen-presenting cells disabling T cell co-stimulation and contributing to immune evasion. <i>ELife</i> , <b>2021</b> , 10,	8.9	2
179	Inter- and intraspecies comparison of phylogenetic fingerprints and sequence diversity of immunoglobulin variable genes. <i>Immunogenetics</i> , <b>2020</b> , 72, 279-294	3.2	0
178	Tcf1 cells are required to maintain the inflationary T cell pool upon MCMV infection. <i>Nature Communications</i> , <b>2020</b> , 11, 2295	17.4	19
177	Chronic viral infections impinge on naive bystander CD8 T cells. <i>Immunity, Inflammation and Disease</i> , <b>2020</b> , 8, 249-257	2.4	2
176	Profiling Virus-Specific Tcf1+ T Cell Repertoires During Acute and Chronic Viral Infection. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 986	8.4	8
175	IgM Antibody Repertoire Fingerprints in Mice Are Personalized but Robust to Viral Infection Status. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 254	5.9	4
174	Landornamides: Antiviral Ornithine-Containing Ribosomal Peptides Discovered through Genome Mining. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 11763-11768	16.4	19
173	Advances in cytomegalovirus (CMV) biology and its relationship to health, diseases, and aging. <i>GeroScience</i> , <b>2020</b> , 42, 495-504	8.9	14
172	TIGIT limits immune pathology during viral infections. <i>Nature Communications</i> , <b>2020</b> , 11, 1288	17.4	22
171	Quantitative and Qualitative Analysis of Humoral Immunity Reveals Continued and Personalized Evolution in Chronic Viral Infection. <i>Cell Reports</i> , <b>2020</b> , 30, 997-1012.e6	10.6	19
170	Rapid expansion of Treg cells protects from collateral colitis following a viral trigger. <i>Nature Communications</i> , <b>2020</b> , 11, 1522	17.4	7
169	Antagonism of interferon signaling by fibroblast growth factors promotes viral replication. <i>EMBO Molecular Medicine</i> , <b>2020</b> , 12, e11793	12	4
168	CD85k Contributes to Regulatory T Cell Function in Chronic Viral Infections. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	1
167	LCMV-specific CD4 T cell dependent polyclonal B-cell activation upon persistent viral infection is short lived and extrafollicular. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 396-403	6.1	3
166	Landscape of Exhausted Virus-Specific CD8 $\alpha$ T Cells in Chronic LCMV Infection. <i>Cell Reports</i> , <b>2020</b> , 32, 108078	10.7	14
165	Fibronectin fibers are highly tensed in healthy organs in contrast to tumors and virus-infected lymph nodes. <i>Matrix Biology Plus</i> , <b>2020</b> , 8, 100046	5.1	7

164	Exhausted CD8 T cells exhibit low and strongly inhibited TCR signaling during chronic LCMV infection. <i>Nature Communications</i> , <b>2020</b> , 11, 4454	17.4	8
163	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1457-1973	6.1	485
162	Early primed KLRG1- CMV-specific T cells determine the size of the inflationary T cell pool. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007785	7.6	14
161	Two sequential layers of antibody-mediated control of Legionella pneumophila infection. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1415-1420	6.1	2
160	NK cells negatively regulate CD8 T cells via natural cytotoxicity receptor (NCR) 1 during LCMV infection. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007725	7.6	23
159	Fuel and brake of memory T cell inflation. <i>Medical Microbiology and Immunology</i> , <b>2019</b> , 208, 329-338	4	16
158	Modulation of asymmetric cell division as a mechanism to boost CD8 T cell memory. <i>Science Immunology</i> , <b>2019</b> , 4,	28	20
157	Chronic virus infection compromises memory bystander T cell function in an IL-6/STAT1-dependent manner. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 571-586	16.6	11
156	Mapping the drivers of within-host pathogen evolution using massive data sets. <i>Nature Communications</i> , <b>2019</b> , 10, 3017	17.4	4
155	Investigating the Dynamics of MCMV-Specific CD8 T Cell Responses in Individual Hosts. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1358	8.4	6
154	MHC class II proteins mediate cross-species entry of bat influenza viruses. <i>Nature</i> , <b>2019</b> , 567, 109-112	50.4	57
153	Brain-resident memory CD8 T cells induced by congenital CMV infection prevent brain pathology and virus reactivation. <i>European Journal of Immunology</i> , <b>2018</b> , 48, 950-964	6.1	23
152	Memory CD8 T cell inflation vs tissue-resident memory T cells: Same patrollers, same controllers?. <i>Immunological Reviews</i> , <b>2018</b> , 283, 161-175	11.3	22
151	The Janus Face of Follicular T Helper Cells in Chronic Viral Infections. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1162	8.4	8
150	Tracing Antibody Repertoire Evolution by Systems Phylogeny. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2149	8.4	17
149	Tissue maintenance of CMV-specific inflationary memory T cells by IL-15. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1006693	7.6	35
148	The transcription factor Rfx7 limits metabolism of NK cells and promotes their maintenance and immunity. <i>Nature Immunology</i> , <b>2018</b> , 19, 809-820	19.1	21
147	Sarcoma Eradication by Doxorubicin and Targeted TNF Relies upon CD8 T-cell Recognition of a Retroviral Antigen. <i>Cancer Research</i> , <b>2017</b> , 77, 3644-3654	10.1	36

146	Guidelines for the use of flow cytometry and cell sorting in immunological studies. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1584-1797	6.1	359
145	Sustained T follicular helper cell response is essential for control of chronic viral infection. <i>Science Immunology</i> , <b>2017</b> , 2,	28	44
144	Comparison of methods for phylogenetic B-cell lineage inference using time-resolved antibody repertoire simulations (AbSim). <i>Bioinformatics</i> , <b>2017</b> , 33, 3938-3946	7.2	24
143	Tissue-resident memory T cells in cytomegalovirus infection. <i>Current Opinion in Virology</i> , <b>2016</b> , 16, 63-69	7.5	8
142	Tumor-necrosis factor impairs CD4(+) T cell-mediated immunological control in chronic viral infection. <i>Nature Immunology</i> , <b>2016</b> , 17, 593-603	19.1	52
141	Neutrophil and Alveolar Macrophage-Mediated Innate Immune Control of Legionella pneumophila Lung Infection via TNF and ROS. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005591	7.6	43
140	Recognition and Regulation of T Cells by NK Cells. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 251	8.4	84
139	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> , <b>2016</b> , 30, 2970-84	0.9	1
138	T cell responses to cytomegalovirus. <i>Nature Reviews Immunology</i> , <b>2016</b> , 16, 367-77	36.5	253
137	Estimating the In Vivo Killing Efficacy of Cytotoxic T Lymphocytes across Different Peptide-MHC Complex Densities. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004178	5	10
136	T cell metabolism. The protein LEM promotes CD8+ T cell immunity through effects on mitochondrial respiration. <i>Science</i> , <b>2015</b> , 348, 995-1001	33.3	38
135	Regulation of antiviral T cell responses by type I interferons. <i>Nature Reviews Immunology</i> , <b>2015</b> , 15, 231-43	38.5	256
134	The orientation of HIV-1 gp120 binding to the CD4 receptor differentially modulates CD4+ T cell activation. <i>Journal of Immunology</i> , <b>2015</b> , 194, 637-49	5.3	8
133	NK cells regulating T cell responses: mechanisms and outcome. <i>Trends in Immunology</i> , <b>2015</b> , 36, 49-58	14.4	139
132	Gut commensal microbes do not represent a dominant antigenic source for continuous CD4+ T-cell activation during HIV-1 infection. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 3107-13	6.1	1
131	The Salivary Gland Acts as a Sink for Tissue-Resident Memory CD8(+) T Cells, Facilitating Protection from Local Cytomegalovirus Infection. <i>Cell Reports</i> , <b>2015</b> , 13, 1125-1136	10.6	96
130	VSV-GP: a potent viral vaccine vector that boosts the immune response upon repeated applications. <i>Journal of Virology</i> , <b>2014</b> , 88, 4897-907	6.6	31
129	Dissecting the contribution of IgG subclasses in restricting airway infection with Legionella pneumophila. <i>Journal of Immunology</i> , <b>2014</b> , 193, 4053-9	5.3	12

128	Type I interferons protect T cells against NK cell attack mediated by the activating receptor NCR1. <i>Immunity</i> , <b>2014</b> , 40, 961-73	32.3	159
127	CD4+ T-cell help is required for effective CD8+ T cell-mediated resolution of acute viral hepatitis in mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e86348	3.7	17
126	TREM-1 deficiency can attenuate disease severity without affecting pathogen clearance. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1003900	7.6	83
125	Salivary gland resident APCs are Flt3L- and CCR2-independent macrophage-like cells incapable of cross-presentation. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 706-14	6.1	11
124	T-cell help dependence of memory CD8+ T-cell expansion upon vaccinia virus challenge relies on CD40 signaling. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 115-26	6.1	7
123	CD8+ T cells are activated in an antigen-independent manner in HIV-infected individuals. <i>Journal of Immunology</i> , <b>2014</b> , 192, 1732-44	5.3	35
122	Antibody-Dependent Cellular Phagocytosis and Its Impact on Pathogen Control <b>2014</b> , 29-47		3
121	Impact of antigen specificity on CD4+ T cell activation in chronic HIV-1 infection. <i>BMC Infectious Diseases</i> , <b>2013</b> , 13, 100	4	13
120	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> , <b>2013</b> , 110, 16550-5	11.5	20
119	Reversal of chronic to resolved infection by IL-10 blockade is LCMV strain dependent. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 649-54	6.1	16
118	The risks of targeting co-inhibitory pathways to modulate pathogen-directed T cell responses. <i>Trends in Immunology</i> , <b>2013</b> , 34, 193-9	14.4	15
117	IL-21 restricts virus-driven Treg cell expansion in chronic LCMV infection. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003362	3.6	58
116	CD4 T cell responses in latent and chronic viral infections. <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 105	8.4	17
115	Macrophage and T cell produced IL-10 promotes viral chronicity. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003735	7.6	40
114	Non-neutralizing antibodies protect from chronic LCMV infection independently of activating FcR or complement. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2349-60	6.1	23
113	Adoptive transfer of cytomegalovirus-specific effector CD4+ T cells provides antiviral protection from murine CMV infection. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2886-95	6.1	30
112	Assessment of legionella-specific immunity in mice. <i>Methods in Molecular Biology</i> , <b>2013</b> , 954, 505-20	1.4	3
111	Type-I IFN drives the differentiation of short-lived effector CD8+ T cells in vivo. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 320-9	6.1	56

110	Innate instruction of CD4+ T cell immunity in respiratory bacterial infection. <i>Journal of Immunology</i> , <b>2012</b> , 189, 616-28	5.3	20
109	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> , <b>2012</b> , 42, 2290-304	6.1	45
108	From crucial to negligible: functional CD8+ T-cell responses and their dependence on CD4+ T-cell help. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 1080-8	6.1	92
107	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> , <b>2012</b> , 8, e1002846	7.6	66
106	A novel Th cell epitope of <i>Candida albicans</i> mediates protection from fungal infection. <i>Journal of Immunology</i> , <b>2012</b> , 188, 5636-43	5.3	73
105	Immune senescence: relative contributions of age and cytomegalovirus infection. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002850	7.6	72
104	Identification of protective B cell antigens of <i>Legionella pneumophila</i> . <i>Journal of Immunology</i> , <b>2012</b> , 189, 841-9	5.3	15
103	T cell memory in the context of persistent herpes viral infections. <i>Viruses</i> , <b>2012</b> , 4, 1116-43	6.2	24
102	Programmed death 1 protects from fatal circulatory failure during systemic virus infection of mice. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 2485-99	16.6	127
101	Systemic antibody responses to gut microbes in health and disease. <i>Gut Microbes</i> , <b>2012</b> , 3, 42-7	8.8	37
100	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> , <b>2011</b> , 41, 2612-8	6.1	72
99	Antibody-Fc receptor interactions in protection against intracellular pathogens. <i>European Journal of Immunology</i> , <b>2011</b> , 41, 889-97	6.1	32
98	T-cell help permits memory CD8(+) T-cell inflation during cytomegalovirus latency. <i>European Journal of Immunology</i> , <b>2011</b> , 41, 2248-59	6.1	38
97	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> , <b>2011</b> , 7, e1002214	7.6	60
96	Comparison of cytotoxic T lymphocyte efficacy in acute and persistent lymphocytic choriomeningitis virus infection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 278, 3395-402	4.4	18
95	Type I IFN substitutes for T cell help during viral infections. <i>Journal of Immunology</i> , <b>2011</b> , 186, 754-63	5.3	50
94	Comparing the kinetics of NK cells, CD4, and CD8 T cells in murine cytomegalovirus infection. <i>Journal of Immunology</i> , <b>2011</b> , 187, 1385-92	5.3	25
93	Systemic antibody responses to gut commensal bacteria during chronic HIV-1 infection. <i>Gut</i> , <b>2011</b> , 60, 1506-19	19.2	52

92	Inflammasome activation and IL-1 $\beta$ target IL-1 $\beta$ for secretion as opposed to surface expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 18055-60	11.5	144
91	Antigen-dependent and -independent mechanisms of T and B cell hyperactivation during chronic HIV-1 infection. <i>Journal of Virology</i> , <b>2011</b> , 85, 12102-13	6.6	77
90	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> , <b>2011</b> , 108, 17414-9	11.5	66
89	Nonhematopoietic cells are key players in innate control of bacterial airway infection. <i>Journal of Immunology</i> , <b>2011</b> , 186, 3130-7	5.3	41
88	Non-hematopoietic cells in lymph nodes drive memory CD8 T cell inflation during murine cytomegalovirus infection. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002313	7.6	101
87	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> , <b>2010</b> , 202, 1482-5	7	37
86	On the role of the inhibitory receptor LAG-3 in acute and chronic LCMV infection. <i>International Immunology</i> , <b>2010</b> , 22, 13-23	4.9	82
85	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> , <b>2010</b> , 107, 20441-6	11.5	67
84	Th cells act via two synergistic pathways to promote antiviral CD8+ T cell responses. <i>Journal of Immunology</i> , <b>2010</b> , 185, 5188-97	5.3	30
83	HIV-1 replication activates CD4+ T cells with specificities for persistent herpes viruses. <i>EMBO Molecular Medicine</i> , <b>2010</b> , 2, 231-44	12	13
82	How chronic viral infections impact on antigen-specific T-cell responses. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 654-63	6.1	76
81	No evidence for competition between cytotoxic T-lymphocyte responses in HIV-1 infection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 276, 4389-97	4.4	8
80	Virus-specific CD8 T cells: activation, differentiation and memory formation. <i>Apmis</i> , <b>2009</b> , 117, 356-81	3.4	53
79	IL-21R on T cells is critical for sustained functionality and control of chronic viral infection. <i>Science</i> , <b>2009</b> , 324, 1576-80	33.3	363
78	A novel role for neutrophils as critical activators of NK cells. <i>Journal of Immunology</i> , <b>2008</b> , 181, 7121-30	5.3	100
77	Emergence of polyfunctional CD8+ T cells after prolonged suppression of human immunodeficiency virus replication by antiretroviral therapy. <i>Journal of Virology</i> , <b>2008</b> , 82, 3391-404	6.6	103
76	Kinetic and mechanistic requirements for helping CD8 T cells. <i>Journal of Immunology</i> , <b>2008</b> , 180, 1517-25	5.3	24
75	The dynamics of mouse cytomegalovirus-specific CD4 T cell responses during acute and latent infection. <i>Journal of Immunology</i> , <b>2008</b> , 181, 1128-34	5.3	56



74	Post-translational modification of {alpha}-dystroglycan is not critical for lymphocytic choriomeningitis virus receptor function in vivo. <i>Journal of General Virology</i> , <b>2008</b> , 89, 2713-2722	4.9	14
73	Functional and biophysical characterization of an HLA-A*6801-restricted HIV-specific T cell receptor. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 479-86	6.1	20
72	Differential role of IL-2R signaling for CD8+ T cell responses in acute and chronic viral infections. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 1502-12	6.1	160
71	Induction and protective role of antibodies in Legionella pneumophila infection. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 3414-23	6.1	37
70	Interleukin 2: from immunostimulation to immunoregulation and back again. <i>EMBO Reports</i> , <b>2007</b> , 8, 1142-8	6.5	151
69	Differential survival of cytotoxic T cells and memory cell precursors. <i>Journal of Immunology</i> , <b>2007</b> , 178, 3483-91	5.3	25
68	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> , <b>2007</b> , 104, 4565-70	11.5	105
67	Peroxiredoxin 6 is required for blood vessel integrity in wounded skin. <i>Journal of Cell Biology</i> , <b>2007</b> , 179, 747-60	7.3	69
66	Long-lived memory CD8+ T cells are programmed by prolonged antigen exposure and low levels of cellular activation. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 842-54	6.1	67
65	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> , <b>2006</b> , 78, 1141-8	10.7	12
64	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> , <b>2006</b> , 103, 15951-6	11.5	201
63	MyD88-dependent IFN-gamma production by NK cells is key for control of Legionella pneumophila infection. <i>Journal of Immunology</i> , <b>2006</b> , 176, 6162-71	5.3	92
62	Delay of HIV-1 rebound after cessation of antiretroviral therapy through passive transfer of human neutralizing antibodies. <i>Nature Medicine</i> , <b>2005</b> , 11, 615-22	50.5	419
61	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> , <b>2005</b> , 79, 9026-37	6.6	39
60	O Mannosylation of alpha-dystroglycan is essential for lymphocytic choriomeningitis virus receptor function. <i>Journal of Virology</i> , <b>2005</b> , 79, 14297-308	6.6	44
59	Recall proliferation potential of memory CD8+ T cells and antiviral protection. <i>Journal of Immunology</i> , <b>2005</b> , 175, 4677-85	5.3	108
58	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> , <b>2005</b> , 175, 4686-96	5.3	211
57	HIV-1-specific CD4+ T lymphocyte turnover and activation increase upon viral rebound. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 443-450	15.9	43

56	HIV-1-specific CD4+ T lymphocyte turnover and activation increase upon viral rebound. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 443-50	15.9	26
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7	B cell clonal expansion is correlated with antigen-specificity in young but not old mice		1
6	Mapping the drivers of within-host pathogen evolution using massive data sets		1
5	Nanoconfinement of Microvilli Alters Gene Expression and Boosts T cell Activation		1
4	Clonally expanded virus-specific CD8 T cells acquire diverse transcriptional phenotypes during acute, chronic, and latent infections		1
3	Locally confined IFN $\gamma$ production by CD4+ T cells provides niches for murine cytomegalovirus replication in the salivary gland		2

- 2 Single-cell sequencing reveals clonally expanded plasma cells during chronic viral infection produce virus-specific and cross-reactive antibodies 4
- 1 Stem-like precursors are the fount to sustain persistent CD8+ T cell responses. *Nature Immunology*, 19.1 0