

# Hanspeter Pircher

## List of Publications by Citations

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91  
papers

7,635  
citations

45  
h-index

87  
g-index

91  
ext. papers

8,180  
ext. citations

9.7  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
91	Virus persistence in acutely infected immunocompetent mice by exhaustion of antiviral cytotoxic effector T cells. <i>Nature</i> , <b>1993</b> , 362, 758-61	50.4	998
90	Tolerance induction in double specific T-cell receptor transgenic mice varies with antigen. <i>Nature</i> , <b>1989</b> , 342, 559-61	50.4	848
89	Viral escape by selection of cytotoxic T cell-resistant virus variants in vivo. <i>Nature</i> , <b>1990</b> , 346, 629-33	50.4	514
88	Coexpression of PD-1, 2B4, CD160 and KLRG1 on exhausted HCV-specific CD8+ T cells is linked to antigen recognition and T cell differentiation. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000947	7.6	275
87	Lack of proliferative capacity of human effector and memory T cells expressing killer cell lectinlike receptor G1 (KLRG1). <i>Blood</i> , <b>2002</b> , 100, 3698-702	2.2	257
86	Lower receptor avidity required for thymic clonal deletion than for effector T-cell function. <i>Nature</i> , <b>1991</b> , 351, 482-5	50.4	241
85	T cell immunity after a viral infection versus T cell tolerance induced by soluble viral peptides. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 1956-62	6.1	229
84	Viral infections induce abundant numbers of senescent CD8 T cells. <i>Journal of Immunology</i> , <b>2001</b> , 167, 4838-43	5.3	201
83	Beta-galactoside-binding protein secreted by activated T cells inhibits antigen-induced proliferation of T cells. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 2311-9	6.1	195
82	Inhibitory Receptor Expression Depends More Dominantly on Differentiation and Activation than "Exhaustion" of Human CD8 T Cells. <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 455	8.4	168
81	A critical requirement of interferon gamma-mediated angiostasis for tumor rejection by CD8+ T cells. <i>Cancer Research</i> , <b>2003</b> , 63, 4095-100	10.1	159
80	Viral and bacterial infections interfere with peripheral tolerance induction and activate CD8+ T cells to cause immunopathology. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 187, 763-74	16.6	153
79	Extended co-expression of inhibitory receptors by human CD8 T-cells depending on differentiation, antigen-specificity and anatomical localization. <i>PLoS ONE</i> , <b>2012</b> , 7, e30852	3.7	145
78	E-cadherin promotes accumulation of a unique memory CD8 T-cell population in murine salivary glands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 16741-6	11.5	131
77	Kinetics of the response of naive and memory CD8 T cells to antigen: similarities and differences. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 284-90	6.1	128
76	Distinct sequence of negative or positive selection implied by thymocyte T-cell receptor densities. <i>Nature</i> , <b>1990</b> , 346, 861-3	50.4	124
75	Cutting edge: identification of E-cadherin as a ligand for the murine killer cell lectin-like receptor G1. <i>Journal of Immunology</i> , <b>2006</b> , 176, 1311-5	5.3	123

74	Increased expression of the NK cell receptor KLRG1 by virus-specific CD8 T cells during persistent antigen stimulation. <i>Journal of Virology</i> , <b>2005</b> , 79, 12112-6	6.6	118
73	On T cell memory: arguments for antigen dependence. <i>Immunological Reviews</i> , <b>1996</b> , 150, 63-90	11.3	104
72	Tolerance induction by clonal deletion of CD4+8+ thymocytes in vitro does not require dedicated antigen-presenting cells. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 669-74	6.1	98
71	Regulation of RAG-1 and CD69 expression in the thymus during positive and negative selection. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 145-51	6.1	94
70	TAP1-independent loading of class I molecules by exogenous viral proteins. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 1739-43	6.1	91
69	Alternatively activated macrophages engage in homotypic and heterotypic interactions through IL-4 and polyamine-induced E-cadherin/catenin complexes. <i>Blood</i> , <b>2009</b> , 114, 4664-74	2.2	88
68	Distinct migration patterns of naive and effector CD8 T cells in the spleen: correlation with CCR7 receptor expression and chemokine reactivity. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 3562-70	6.1	84
67	Simultaneous infiltration of polyfunctional effector and suppressor T cells into renal cell carcinomas. <i>Cancer Research</i> , <b>2009</b> , 69, 8412-9	10.1	77
66	Structure of natural killer cell receptor KLRG1 bound to E-cadherin reveals basis for MHC-independent missing self recognition. <i>Immunity</i> , <b>2009</b> , 31, 35-46	32.3	75
65	Break of T cell ignorance to a viral antigen in the liver induces hepatitis. <i>Journal of Immunology</i> , <b>2000</b> , 165, 2415-22	5.3	74
64	Effector T-cell induction and T-cell memory versus peripheral deletion of T cells. <i>Immunological Reviews</i> , <b>1993</b> , 133, 199-223	11.3	69
63	Homeostatic regulation of CD8+ T cells after antigen challenge in the absence of Fas (CD95). <i>European Journal of Immunology</i> , <b>1996</b> , 26, 2903-10	6.1	66
62	Involvement of both T cell receptor V alpha and V beta variable region domains and alpha chain junctional region in viral antigen recognition. <i>European Journal of Immunology</i> , <b>1991</b> , 21, 2195-202	6.1	66
61	Constitutive expression of Bcl-xL or Bcl-2 prevents peptide antigen-induced T cell deletion but does not influence T cell homeostasis after a viral infection. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 560-9	6.1	63
60	Crucial role of TNF-alpha in CD8 T cell-mediated elimination of 3LL-A9 Lewis lung carcinoma cells in vivo. <i>Journal of Immunology</i> , <b>2000</b> , 164, 3645-51	5.3	61
59	Interferon-driven deletion of antiviral B cells at the onset of chronic infection. <i>Science Immunology</i> , <b>2016</b> , 1,	28	61
58	T-cell reactivity and tolerance to Mlsa-encoded antigens. <i>Immunological Reviews</i> , <b>1989</b> , 107, 89-108	11.3	60
57	Lack of effector cell function and altered tetramer binding of tumor-infiltrating lymphocytes. <i>Journal of Immunology</i> , <b>2002</b> , 169, 5522-30	5.3	57

56	CD8 is needed for positive selection but differentially required for negative selection of T cells during thymic ontogeny. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 212-6	6.1	57
55	Interaction of KLRG1 with E-cadherin: new functional and structural insights. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 3354-64	6.1	54
54	A monoclonal antibody against altered LFA-1 induces proliferation and lymphokine release of cloned T cells. <i>European Journal of Immunology</i> , <b>1986</b> , 16, 172-81	6.1	54
53	The Inhibitory Receptor NKG2A Sustains Virus-Specific CD8+ T Cells in Response to a Lethal Poxvirus Infection. <i>Immunity</i> , <b>2015</b> , 43, 1112-24	32.3	51
52	Frequent expression of the natural killer cell receptor KLRG1 in human cord blood T cells: correlation with replicative history. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 2672-80	6.1	50
51	T lymphocyte development in p56lck deficient mice: allelic exclusion of the TcR beta locus is incomplete but thymocyte development is not restored by TcR beta or TcR alpha beta transgenes. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 1312-8	6.1	49
50	Tumor-associated E-cadherin mutations affect binding to the killer cell lectin-like receptor G1 in humans. <i>Journal of Immunology</i> , <b>2007</b> , 179, 1022-9	5.3	48
49	The NK receptor KLRG1 is dispensable for virus-induced NK and CD8+ T-cell differentiation and function in vivo. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 1303-14	6.1	47
48	Inhibitory phenotype of HBV-specific CD4+ T-cells is characterized by high PD-1 expression but absent coregulation of multiple inhibitory molecules. <i>PLoS ONE</i> , <b>2014</b> , 9, e105703	3.7	47
47	Characterization of virus-specific cytotoxic T cell clones from allogeneic bone marrow chimeras. <i>European Journal of Immunology</i> , <b>1987</b> , 17, 159-66	6.1	46
46	The effects of age and latent cytomegalovirus infection on the redeployment of CD8+ T cell subsets in response to acute exercise in humans. <i>Brain, Behavior, and Immunity</i> , <b>2014</b> , 39, 142-51	16.6	42
45	Differential requirement of perforin and IFN-gamma in CD8 T cell-mediated immune responses against B16.F10 melanoma cells expressing a viral antigen. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 2507-15	6.1	42
44	Infection history determines the differentiation state of human CD8+ T cells. <i>Journal of Virology</i> , <b>2015</b> , 89, 5110-23	6.6	40
43	Vaccination with an adenoviral vector encoding the tumor antigen directly linked to invariant chain induces potent CD4(+) T-cell-independent CD8(+) T-cell-mediated tumor control. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 2725-36	6.1	36
42	Efficacy of IL-2- versus IL-15-stimulated CD8 T cells in adoptive immunotherapy. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 2874-85	6.1	36
41	Regulation of T cell production in T cell receptor transgenic mice. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 1922-8	6.1	34
40	Thymus-resident memory CD8+ T cells mediate local immunity. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2295-304	6.1	32
39	Solid tumors "melt" from the inside after successful CD8 T cell attack. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 468-77	6.1	32

38	Human Vgamma9/Vdelta2 effector memory T cells express the killer cell lectin-like receptor G1 (KLRG1). <i>Journal of Leukocyte Biology</i> , <b>2005</b> , 77, 67-70	6.5	29
37	Expanded Human Blood-Derived $\gamma\delta$ T Cells Display Potent Antigen-Presentation Functions. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 344	8.4	26
36	NK-cells have an impaired response to acute exercise and a lower expression of the inhibitory receptors KLRG1 and CD158a in humans with latent cytomegalovirus infection. <i>Brain, Behavior, and Immunity</i> , <b>2012</b> , 26, 177-86	16.6	26
35	Senescence marker killer cell lectin-like receptor G1 (KLRG1) contributes to TNF- $\alpha$ production by interaction with its soluble E-cadherin ligand in chronically inflamed joints. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 1223-31	2.4	25
34	Clonal evolution of CD8+ T cell responses against latent viruses: relationship among phenotype, localization, and function. <i>Journal of Virology</i> , <b>2015</b> , 89, 568-80	6.6	23
33	Genomic structure, alternative splicing, and physical mapping of the killer cell lectin-like receptor G1 gene (KLRG1), the mouse homologue of MAFA. <i>Immunogenetics</i> , <b>2001</b> , 52, 206-11	3.2	23
32	TGF- $\beta$ downregulates KLRG1 expression in mouse and human CD8(+) T cells. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 2212-7	6.1	22
31	Expanded CD8+ T cells of murine and human CLL are driven into a senescent KLRG1+ effector memory phenotype. <i>Cancer Immunology, Immunotherapy</i> , <b>2013</b> , 62, 1697-1709	7.4	22
30	IL-4 differentiates naive CD8+ T cells to a "Th2-like" phenotype: a link between viral infections and bronchial asthma. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 796, 97-103	6.5	22
29	Evidence for a selective and multi-step model of T cell differentiation: CD4+CD8low thymocytes selected by a transgenic T cell receptor on major histocompatibility complex class I molecules. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 1982-7	6.1	22
28	NK-cell responses are biased towards CD16-mediated effector functions in chronic hepatitis B virus infection. <i>Journal of Hepatology</i> , <b>2019</b> , 70, 351-360	13.4	22
27	Killer cell lectin-like receptor G1 deficiency significantly enhances survival after Mycobacterium tuberculosis infection. <i>Infection and Immunity</i> , <b>2013</b> , 81, 1090-9	3.7	21
26	Intrathymic deletion of MHC class I-restricted cytotoxic T cell precursors by constitutive cross-presentation of exogenous antigen. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 1477-86	6.1	21
25	T cell development and repertoire of mice expressing a single T cell receptor alpha chain. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 2650-5	6.1	21
24	Immunotherapy with TCR-redirected T cells: comparison of TCR-transduced and TCR-engineered hematopoietic stem cell-derived T cells. <i>Journal of Immunology</i> , <b>2014</b> , 192, 206-13	5.3	20
23	Nucleoprotein-specific nonneutralizing antibodies speed up LCMV elimination independently of complement and FcR. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2338-48	6.1	20
22	$\alpha$ 4 $\beta$ 7 Integrin promotes accumulation of tissue-resident memory CD8 T cells in salivary glands. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 244-250	6.1	18
21	T cell receptor (TCR) beta chain transgenic mice: studies on allelic exclusion and on the TCR+ gamma/delta population. <i>European Journal of Immunology</i> , <b>1990</b> , 20, 417-24	6.1	18

20	Restriction fine specificity of long-term, hapten-specific cytotoxic T cell clones: analysis with H-2Kbm-mutant mice and H-2Kb-specific monoclonal antibodies. <i>European Journal of Immunology</i> , <b>1984</b> , 14, 144-52	6.1	17
19	Expression of IL-7R $\alpha$ and KLRG1 defines functionally distinct CD8 T-cell populations in humans. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 694-708	6.1	15
18	CMV drives the expansion of highly functional memory T cells expressing NK-cell receptors in renal transplant recipients. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1324-1334	6.1	13
17	Role of T helper cell precursor frequency on vesicular stomatitis virus neutralizing antibody responses in a T cell receptor beta chain transgenic mouse. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 1410-6	6.1	13
16	KLRG1 impairs regulatory T-cell competitive fitness in the gut. <i>Immunology</i> , <b>2017</b> , 152, 65-73	7.8	12
15	Different inhibitory capacities of human and mouse KLRG1 are linked to distinct disulfide-mediated oligomerizations. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 2484-90	6.1	12
14	Specific deletion of the J-C delta locus in murine alpha/beta T cell clones and studies using transgenic mice. <i>European Journal of Immunology</i> , <b>1990</b> , 20, 517-22	6.1	12
13	Bacterial coinfection restrains antiviral CD8 T-cell response via LPS-induced inhibitory NK cells. <i>Nature Communications</i> , <b>2018</b> , 9, 4117	17.4	11
12	T cell expansion is the limiting factor of virus control in mice with attenuated TCR signaling: implications for human immunodeficiency. <i>Journal of Immunology</i> , <b>2015</b> , 194, 2725-34	5.3	6
11	Inhibition of hapten-specific cytotoxic T cell recognition by monoclonal anti-hapten antibodies. <i>European Journal of Immunology</i> , <b>1985</b> , 15, 228-35	6.1	6
10	KLRG1 activity is regulated by association with the transferrin receptor. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 1851-6	6.1	5
9	Residual LCMV antigen in transiently CD4 T $\alpha$ cell-depleted mice induces high levels of virus-specific antibodies but only limited B-cell memory. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 626-637	6.1	5
8	Trigger-dependent differences determine therapeutic outcome in murine primary hemophagocytic lymphohistiocytosis. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 1770-1782	6.1	4
7	Memory vs memory-like: The different facets of CD8 T-cell memory in HCV infection. <i>Immunological Reviews</i> , <b>2018</b> , 283, 232-237	11.3	4
6	Enhancing immunity prevents virus-induced T-cell-mediated immunopathology in B cell-deficient mice. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 782-789	6.1	2
5	T cells causing immunological disease. <i>Seminars in Immunopathology</i> , <b>1992</b> , 14, 105-13		2
4	NK1.1 innate lymphoid cells in salivary glands inhibit establishment of tissue-resident memory CD8 T $\alpha$ cells in mice. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 1952-1958	6.1	2
3	Intrathymic deletion of MHC class I-restricted cytotoxic T cell precursors by constitutive cross-presentation of exogenous antigen <b>1999</b> , 29, 1477		1

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|---|--|------|---|
| 2 | Immunological tolerance to LCMV antigens differently affects control of acute and chronic virus infection in mice. <i>European Journal of Immunology</i> , <b>2018</b> , 48, 120-127 | 6.1  | o |
| 1 | Antibody bivalency improves antiviral efficacy by inhibiting virion release independently of Fc gamma receptors.. <i>Cell Reports</i> , <b>2022</b> , 38, 110303                     | 10.6 | o |