

Hanspeter Pircher

List of Publications by Year in descending order

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91
papers

8,718
citations

44069

48
h-index

43889

91
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docs citations

91
times ranked

9101
citing authors

#	ARTICLE	IF	CITATIONS
1	Virus persistence in acutely infected immunocompetent mice by exhaustion of antiviral cytotoxic effector T cells. <i>Nature</i> , 1993, 362, 758-761.	27.8	1,153
2	Tolerance induction in double specific T-cell receptor transgenic mice varies with antigen. <i>Nature</i> , 1989, 342, 559-561.	27.8	934
3	Viral escape by selection of cytotoxic T cell-resistant virus variants in vivo. <i>Nature</i> , 1990, 346, 629-633.	27.8	579
4	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> , 2010, 6, e1000947.	4.7	334
5	Lack of proliferative capacity of human effector and memory T cells expressing killer cell lectinlike receptor G1 (KLRG1). <i>Blood</i> , 2002, 100, 3698-3702.	1.4	288
6	Lower receptor avidity required for thymic clonal deletion than for effector T-cell function. <i>Nature</i> , 1991, 351, 482-485.	27.8	264
7	T cell immunity after a viral infection versus T cell tolerance induced by soluble viral peptides. <i>European Journal of Immunology</i> , 1993, 23, 1956-1962.	2.9	246
8	Viral Infections Induce Abundant Numbers of Senescent CD8 T Cells. <i>Journal of Immunology</i> , 2001, 167, 4838-4843.	0.8	222
9	Î2-Galactoside-binding protein secreted by activated Tâ€‰%cells inhibits antigen-induced proliferation of Tâ€‰%cells. <i>European Journal of Immunology</i> , 1998, 28, 2311-2319.	2.9	218
10	Inhibitory Receptor Expression Depends More Dominantly on Differentiation and Activation than â€‰Exhaustionâ€‰ of Human CD8â€‰%T Cells. <i>Frontiers in Immunology</i> , 2013, 4, 455.	4.8	202
11	A critical requirement of interferon gamma-mediated angiostasis for tumor rejection by CD8+ T cells. <i>Cancer Research</i> , 2003, 63, 4095-100.	0.9	171
12	Extended Co-Expression of Inhibitory Receptors by Human CD8 T-Cells Depending on Differentiation, Antigen-Specificity and Anatomical Localization. <i>PLoS ONE</i> , 2012, 7, e30852.	2.5	166
13	Viral and Bacterial Infections Interfere with Peripheral Tolerance Induction and Activate CD8+ T Cells to Cause Immunopathology. <i>Journal of Experimental Medicine</i> , 1998, 187, 763-774.	8.5	158
14	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> , 2011, 108, 16741-16746.	7.1	144
15	Kinetics of the response of naive and memory CD8 Tâ€‰%cells to antigen: similarities and differences. <i>European Journal of Immunology</i> , 1999, 29, 284-290.	2.9	141
16	Increased Expression of the NK Cell Receptor KLRG1 by Virus-Specific CD8 T Cells during Persistent Antigen Stimulation. <i>Journal of Virology</i> , 2005, 79, 12112-12116.	3.4	139
17	Cutting Edge: Identification of E-Cadherin as a Ligand for the Murine Killer Cell Lectin-Like Receptor G1. <i>Journal of Immunology</i> , 2006, 176, 1311-1315.	0.8	138
18	Distinct sequence of negative or positive selection implied by thymocyte T-cell receptor densities. <i>Nature</i> , 1990, 346, 861-863.	27.8	130

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19	On T Cell Memory: Arguments for Antigen Dependence. Immunological Reviews, 1996, 150, 63-90.	6.0	114
20	Regulation of RAG-1 and CD69 expression in the thymus during positive and negative selection. European Journal of Immunology, 1994, 24, 145-151.	2.9	103
21	Alternatively activated macrophages engage in homotypic and heterotypic interactions through IL-4 and polyamine-induced E-cadherin/catenin complexes. Blood, 2009, 114, 4664-4674.	1.4	103
22	Tolerance induction by clonal deletion of CD4+8+ thymocytes in vitro does not require dedicated antigen-presenting cells. European Journal of Immunology, 1993, 23, 669-674.	2.9	101
23	TAP1-independent loading of class I molecules by exogenous viral proteins. European Journal of Immunology, 1995, 25, 1739-1743.	2.9	97
24	Interferon-driven deletion of antiviral B cells at the onset of chronic infection. Science Immunology, 2016, 1, .	11.9	90
25	Distinct migration patterns of naive and effector CD8 T cells in the spleen: correlation with CCR7 receptor expression and chemokine reactivity. European Journal of Immunology, 1999, 29, 3562-3570.	2.9	87
26	Structure of Natural Killer Cell Receptor KLRG1 Bound to E-Cadherin Reveals Basis for MHC-Independent Missing Self Recognition. Immunity, 2009, 31, 35-46.	14.3	87
27	Simultaneous Infiltration of Polyfunctional Effector and Suppressor T Cells into Renal Cell Carcinomas. Cancer Research, 2009, 69, 8412-8419.	0.9	82
28	Break of T Cell Ignorance to a Viral Antigen in the Liver Induces Hepatitis. Journal of Immunology, 2000, 165, 2415-2422.	0.8	81
29	Effector T-Cell Induction and T-Cell Memory versus Peripheral Deletion of T Cells. Immunological Reviews, 1993, 133, 199-223.	6.0	79
30	Involvement of both T cell receptor V α 1 and V α 2 variable region domains and α chain junctional region in viral antigen recognition. European Journal of Immunology, 1991, 21, 2195-2202.	2.9	74
31	Crucial Role of TNF- α in CD8 T Cell-Mediated Elimination of 3LL-A9 Lewis Lung Carcinoma Cells In Vivo. Journal of Immunology, 2000, 164, 3645-3651.	0.8	73
32	Homeostatic regulation of CD8+ T cells after antigen challenge in the absence of Fas (CD95). European Journal of Immunology, 1996, 26, 2903-2910.	2.9	70
33	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. European Journal of Immunology, 1998, 28, 560-569.	2.9	69
34	The Inhibitory Receptor NKG2A Sustains Virus-Specific CD8+ T Cells in Response to a Lethal Poxvirus Infection. Immunity, 2015, 43, 1112-1124.	14.3	69
35	CD8 is needed for positive selection but differentially required for negative selection of T cells during thymic ontogeny. European Journal of Immunology, 1993, 23, 212-216.	2.9	67
36	Interaction of KLRG1 with E-cadherin: New functional and structural insights. European Journal of Immunology, 2008, 38, 3354-3364.	2.9	66

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37	Lack of Effector Cell Function and Altered Tetramer Binding of Tumor-Infiltrating Lymphocytes. <i>Journal of Immunology</i> , 2002, 169, 5522-5530.	0.8	64
38	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> , 2014, 9, e105703.	2.5	63
39	T-Cell Reactivity and Tolerance to Mlsa-Encoded Antigens. <i>Immunological Reviews</i> , 1989, 107, 89-108.	6.0	62
40	A monoclonal antibody against altered LFA-1 induces proliferation and lymphokine release of cloned T cells. <i>European Journal of Immunology</i> , 1986, 16, 172-181.	2.9	59
41	Tumor-Associated E-Cadherin Mutations Affect Binding to the Killer Cell Lectin-Like Receptor G1 in Humans. <i>Journal of Immunology</i> , 2007, 179, 1022-1029.	0.8	56
42	The NK receptor KLRG1 is dispensable for virus-induced NK and CD8 ⁺ T cell differentiation and function <i>in vivo</i> . <i>European Journal of Immunology</i> , 2010, 40, 1303-1314.	2.9	56
43	Characterization of virus-specific cytotoxic T cell clones from allogeneic bone marrow chimeras. <i>European Journal of Immunology</i> , 1987, 17, 159-166.	2.9	53
44	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> , 2014, 39, 142-151.	4.1	53
45	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> , 2004, 34, 2672-2680.	2.9	52
46	Expanded Human Blood-Derived $\gamma\delta$ T Cells Display Potent Antigen-Presentation Functions. <i>Frontiers in Immunology</i> , 2014, 5, 344.	4.8	52
47	T lymphocyte development in p56lck deficient mice: allelic exclusion of the TcR β locus is incomplete but thymocyte development is not restored by TcR β or TcR β transgenes. <i>European Journal of Immunology</i> , 1995, 25, 1312-1318.	2.9	51
48	Infection History Determines the Differentiation State of Human CD8 ⁺ T Cells. <i>Journal of Virology</i> , 2015, 89, 5110-5123.	3.4	51
49	Differential requirement of perforin and IFN- γ in CD8 T cell-mediated immune responses against B16.F10 melanoma cells expressing a viral antigen. <i>European Journal of Immunology</i> , 2000, 30, 2507-2515.	2.9	45
50	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> , 2009, 39, 2725-2736.	2.9	41
51	Efficacy of IL-2 versus IL-15-stimulated CD8 T cells in adoptive immunotherapy. <i>European Journal of Immunology</i> , 2008, 38, 2874-2885.	2.9	40
52	Regulation of T cell production in T cell receptor transgenic mice. <i>European Journal of Immunology</i> , 1993, 23, 1922-1928.	2.9	38
53	Thymus-resident memory CD8 ⁺ T cells mediate local immunity. <i>European Journal of Immunology</i> , 2013, 43, 2295-2304.	2.9	36
54	T cell development and repertoire of mice expressing a single T cell receptor β chain. <i>European Journal of Immunology</i> , 1995, 25, 2650-2655.	2.9	34

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55	Solid tumors "melt" from the inside after successful CD8 T cell attack. <i>European Journal of Immunology</i> , 2006, 36, 468-477.	2.9	34
56	Nucleoprotein-specific nonneutralizing antibodies speed up LCMV elimination independently of complement and FcγR. <i>European Journal of Immunology</i> , 2013, 43, 2338-2348.	2.9	34
57	Expanded CD8+ T cells of murine and human CLL are driven into a senescent KLRG1+ effector memory phenotype. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 1697-1709.	4.2	33
58	Senescence marker killer cell lectin-like receptor G1 (KLRG1) contributes to TNF-α production by interaction with its soluble E-cadherin ligand in chronically inflamed joints. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1223-1231.	0.9	33
59	Human Vβ9/Vβ2 effector memory T cells express the killer cell lectin-like receptor G1 (KLRG1). <i>Journal of Leukocyte Biology</i> , 2005, 77, 67-70.	3.3	32
60	NK-cell responses are biased towards CD16-mediated effector functions in chronic hepatitis B virus infection. <i>Journal of Hepatology</i> , 2019, 70, 351-360.	3.7	32
61	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> , 2012, 26, 177-186.	4.1	29
62	Immunotherapy with TCR-Redirected T Cells: Comparison of TCR-Transduced and TCR-Engineered Hematopoietic Stem Cell-Derived T Cells. <i>Journal of Immunology</i> , 2014, 192, 206-213.	0.8	27
63	CMV drives the expansion of highly functional memory T cells expressing NK cell receptors in renal transplant recipients. <i>European Journal of Immunology</i> , 2017, 47, 1324-1334.	2.9	27
64	IL-4 Differentiates Naive CD8+ T Cells to a "Th2-Like" Phenotype: A Link Between Viral Infections & Bronchial Asthma. <i>Annals of the New York Academy of Sciences</i> , 1996, 796, 97-103.	3.8	26
65	Killer Cell Lectin-Like Receptor G1 Deficiency Significantly Enhances Survival after Mycobacterium tuberculosis Infection. <i>Infection and Immunity</i> , 2013, 81, 1090-1099.	2.2	26
66	TGFβ ² downregulates KLRG1 expression in mouse and human CD8 ⁺ T cells. <i>European Journal of Immunology</i> , 2015, 45, 2212-2217.	2.9	26
67	Clonal Evolution of CD8 ⁺ T Cell Responses against Latent Viruses: Relationship among Phenotype, Localization, and Function. <i>Journal of Virology</i> , 2015, 89, 568-580.	3.4	26
68	Expression of IL-7R ^{hi} and KLRG1 defines functionally distinct CD8 ⁺ T cell populations in humans. <i>European Journal of Immunology</i> , 2019, 49, 694-708.	2.9	24
69	Evidence for a selective and multi-step model of T cell differentiation: CD4 ⁺ CD8 ^{low} thymocytes selected by a transgenic T cell receptor on major histocompatibility complex class I molecules. <i>European Journal of Immunology</i> , 1994, 24, 1982-1987.	2.9	23
70	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> , 2001, 52, 206-211.	2.4	23
71	T cell receptor (TcR) β chain transgenic mice: Studies on allelic exclusion and on the TcR ^β ^{hi} population. <i>European Journal of Immunology</i> , 1990, 20, 417-424.	2.9	22
72	Intrathymic deletion of MHC class I-restricted cytotoxic T cell precursors by constitutive cross-presentation of exogenous antigen. <i>European Journal of Immunology</i> , 1999, 29, 1477-1486.	2.9	22

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73	$\hat{I}^{\pm 4}$ integrin promotes accumulation of tissue-resident memory CD8 ⁺ T cells in salivary glands. European Journal of Immunology, 2017, 47, 244-250.	2.9	22
74	Restriction fine specificity of long-term, hapten-specific cytotoxic T cell clones: analysis with H-2Kbm-mutant mice and H-2Kb-specific monoclonal antibodies. European Journal of Immunology, 1984, 14, 144-152.	2.9	18
75	KLRG1 impairs regulatory T cell competitive fitness in the gut. Immunology, 2017, 152, 65-73.	4.4	17
76	Role of T helper cell precursor frequency on vesicular stomatitis virus neutralizing antibody responses in a T cell receptor \hat{I}^2 chain transgenic mouse. European Journal of Immunology, 1995, 25, 1410-1416.	2.9	15
77	Different inhibitory capacities of human and mouse KLRG1 are linked to distinct disulfide-mediated oligomerizations. European Journal of Immunology, 2012, 42, 2484-2490.	2.9	15
78	Bacterial coinfection restrains antiviral CD8 T-cell response via LPS-induced inhibitory NK cells. Nature Communications, 2018, 9, 4117.	12.8	15
79	Specific deletion of the J- \hat{C}^1 locus in murine $\hat{I}^{\pm 1}$ T cell clones and studies using transgenic mice. European Journal of Immunology, 1990, 20, 517-522.	2.9	12
80	Trigger-dependent differences determine therapeutic outcome in murine primary hemophagocytic lymphohistiocytosis. European Journal of Immunology, 2020, 50, 1770-1782.	2.9	11
81	Inhibition of hapten-specific cytotoxic T cell recognition by monoclonal anti-hapten antibodies. European Journal of Immunology, 1985, 15, 228-235.	2.9	7
82	Residual LCMV antigen in transiently CD4 ⁺ T cell-depleted mice induces high levels of virus-specific antibodies but only limited B cell memory. European Journal of Immunology, 2019, 49, 626-637.	2.9	7
83	T Cell Expansion Is the Limiting Factor of Virus Control in Mice with Attenuated TCR Signaling: Implications for Human Immunodeficiency. Journal of Immunology, 2015, 194, 2725-2734.	0.8	6
84	KLRG1 activity is regulated by association with the transferrin receptor. European Journal of Immunology, 2014, 44, 1851-1856.	2.9	5
85	Memory vs memory-like: The different facets of CD8 ⁺ T cell memory in HCV infection. Immunological Reviews, 2018, 283, 232-237.	6.0	5
86	Enhancing immunity prevents virus-induced T cell-mediated immunopathology in B cell-deficient mice. European Journal of Immunology, 2019, 49, 782-789.	2.9	5
87	NK1.1 ⁺ innate lymphoid cells in salivary glands inhibit establishment of tissue-resident memory CD8 ⁺ T cells in mice. European Journal of Immunology, 2020, 50, 1952-1958.	2.9	5
88	Antibody bivalency improves antiviral efficacy by inhibiting virion release independently of Fc gamma receptors. Cell Reports, 2022, 38, 110303.	6.4	4
89	T cells causing immunological disease. Seminars in Immunopathology, 1992, 14, 105-113.	4.0	2
90	Immunological tolerance to LCMV antigens differently affects control of acute and chronic virus infection in mice. European Journal of Immunology, 2018, 48, 120-127.	2.9	2

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91	Intrathymic deletion of MHC class I-restricted cytotoxic T cell precursors by constitutive cross-presentation of exogenous antigen. European Journal of Immunology, 1999, 29, 1477-1486.	2.9	1