

Peter C L Beverley

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124
papers

9,435
citations

42
h-index

96
g-index

133
ext. papers

10,018
ext. citations

10.4
avg, IF

5.31
L-index

#	Paper	IF	Citations
124	The CD4 (T4) antigen is an essential component of the receptor for the AIDS retrovirus. <i>Nature</i> , 1984 , 312, 763-7	50.4	3086
123	Lifespan of human lymphocyte subsets defined by CD45 isoforms. <i>Nature</i> , 1992 , 360, 264-5	50.4	563
122	Distinctive functional characteristics of human "T" lymphocytes defined by E rosetting or a monoclonal anti-T cell antibody. <i>European Journal of Immunology</i> , 1981 , 11, 329-34	6.1	456
121	Human CD4+ CD25hi Foxp3+ regulatory T cells are derived by rapid turnover of memory populations in vivo. <i>Journal of Clinical Investigation</i> , 2006 , 116, 2423-33	15.9	386
120	Limiting dilution analysis of proliferative responses in human lymphocyte populations defined by the monoclonal antibody UCHL1: implications for differential CD45 expression in T cell memory formation. <i>European Journal of Immunology</i> , 1988 , 18, 1653-61	6.1	259
119	Multifunctional, high-level cytokine-producing Th1 cells in the lung, but not spleen, correlate with protection against Mycobacterium tuberculosis aerosol challenge in mice. <i>Journal of Immunology</i> , 2008 , 181, 4955-64	5.3	244
118	Phytohaemagglutinin activation of T cells through the sheep red blood cell receptor. <i>Nature</i> , 1985 , 313, 686-7	50.4	182
117	In vivo kinetics of human natural killer cells: the effects of ageing and acute and chronic viral infection. <i>Immunology</i> , 2007 , 121, 258-65	7.8	181
116	Rapid turnover of effector-memory CD4(+) T cells in healthy humans. <i>Journal of Experimental Medicine</i> , 2004 , 200, 255-60	16.6	149
115	A deletion in the gene encoding the CD45 antigen in a patient with SCID. <i>Journal of Immunology</i> , 2001 , 166, 1308-13	5.3	146
114	B-cell kinetics in humans: rapid turnover of peripheral blood memory cells. <i>Blood</i> , 2005 , 105, 3633-40	2.2	129
113	The human and simian immunodeficiency viruses HIV-1, HIV-2 and SIV interact with similar epitopes on their cellular receptor, the CD4 molecule. <i>Aids</i> , 1988 , 2, 101-5	3.5	126
112	Evidence for differential expression of CD45 isoforms by precursors for memory-dependent and independent cytotoxic responses: human CD8 memory CTLp selectively express CD45RO (UCHL1). <i>International Immunology</i> , 1989 , 1, 450-9	4.9	117
111	In silico identified CCR4 antagonists target regulatory T cells and exert adjuvant activity in vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10221-6	11.5	111
110	Ontogeny of expression of UCHL1 antigen on TcR-1+ (CD4/8) and TcR delta+ T cells. <i>European Journal of Immunology</i> , 1989 , 19, 771-3	6.1	107
109	HIV infection of primate lymphocytes and conservation of the CD4 receptor. <i>Nature</i> , 1987 , 330, 487-9	50.4	107
108	Different Ly antigen phenotypes of in vitro induced helper and suppressor cells. <i>Nature</i> , 1975 , 258, 614-6	50.4	105

107	Will telomere erosion lead to a loss of T-cell memory?. <i>Nature Reviews Immunology</i> , 2004 , 4, 737-43	36.5	100
106	Telomere erosion in memory T cells induced by telomerase inhibition at the site of antigenic challenge in vivo. <i>Journal of Experimental Medicine</i> , 2004 , 199, 1433-43	16.6	94
105	Clonal expansions in acute EBV infection are detectable in the CD8 and not the CD4 subset and persist with a variable CD45 phenotype. <i>Journal of Immunology</i> , 2000 , 165, 5729-37	5.3	93
104	Direct measurement of T cell subset kinetics in vivo in elderly men and women. <i>Journal of Immunology</i> , 2004 , 173, 1787-94	5.3	91
103	Investigation of early T cell activation: analysis of the effect of specific antigen, interleukin 2 and monoclonal antibodies on intracellular free calcium concentration. <i>European Journal of Immunology</i> , 1985 , 15, 7-11	6.1	88
102	Altered CD45 expression and disease. <i>Trends in Immunology</i> , 2006 , 27, 146-53	14.4	86
101	Differential association of CD45 isoforms with CD4 and CD8 regulates the actions of specific pools of p56lck tyrosine kinase in T cell antigen receptor signal transduction. <i>Journal of Biological Chemistry</i> , 2002 , 277, 1912-8	5.4	85
100	In vitro responses of human CD45R0brightRA- and CD45R0-RAbright T cell subsets and their relationship to memory and naive T cells. <i>European Journal of Immunology</i> , 1997 , 27, 2383-90	6.1	77
99	T cell activation by anti-T3 antibodies: comparison of IgG1 and IgG2b switch variants and direct evidence for accessory function of macrophage Fc receptors. <i>European Journal of Immunology</i> , 1986 , 16, 478-86	6.1	70
98	Foot-and-mouth disease virus can induce a specific and rapid CD4+ T-cell-independent neutralizing and isotype class-switched antibody response in naïve cattle. <i>Journal of Virology</i> , 2009 , 83, 3626-36	6.6	69
97	Intramuscular immunisation with MUC1 cDNA can protect C57 mice challenged with MUC1-expressing syngeneic mouse tumour cells. <i>International Journal of Cancer</i> , 1996 , 65, 664-70	7.5	63
96	Limitations of predictive motifs revealed by cytotoxic T lymphocyte epitope mapping of the human papilloma virus E7 protein. <i>International Immunology</i> , 1994 , 6, 289-96	4.9	61
95	Prolonged exposure of naïve CD8+ T cells to interleukin-7 or interleukin-15 stimulates proliferation without differentiation or loss of telomere length. <i>Immunology</i> , 2006 , 119, 243-53	7.8	60
94	Expression and functional role of CD23 on T cells. <i>European Journal of Immunology</i> , 1989 , 19, 31-5	6.1	60
93	Variable BCG efficacy in rhesus populations: Pulmonary BCG provides protection where standard intra-dermal vaccination fails. <i>Tuberculosis</i> , 2017 , 104, 46-57	2.6	58
92	Tumor promoter phorbol esters induce unresponsiveness to antigen and expression of interleukin 2 receptor on T cells. <i>European Journal of Immunology</i> , 1985 , 15, 196-9	6.1	56
91	Immunological memory in T cells. <i>Current Opinion in Immunology</i> , 1991 , 3, 355-60	7.8	48
90	B cell growth and differentiation induced by supernatants of transformed epithelial cell lines. <i>European Journal of Immunology</i> , 1986 , 16, 1017-9	6.1	47

89	Phenotypic analysis of fetal blood leucocytes: potential for prenatal diagnosis of immunodeficiency disorders. <i>Prenatal Diagnosis</i> , 1982 , 2, 211-8	3.2	47
88	Toward the discovery of vaccine adjuvants: coupling in silico screening and in vitro analysis of antagonist binding to human and mouse CCR4 receptors. <i>PLoS ONE</i> , 2009 , 4, e8084	3.7	46
87	CXCR6 is a marker for protective antigen-specific cells in the lungs after intranasal immunization against <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 2011 , 79, 3328-37	3.7	45
86	Serotype-specific and age-dependent generation of pneumococcal polysaccharide-specific memory B-cell and antibody responses to immunization with a pneumococcal conjugate vaccine. <i>Vaccine Journal</i> , 2008 , 15, 182-93		45
85	Regulation of alternative splicing of CD45 by antagonistic effects of SR protein splicing factors. <i>Journal of Immunology</i> , 2000 , 164, 5287-95	5.3	44
84	The kinetics and phenotype of the human B-cell response following immunization with a heptavalent pneumococcal-CRM conjugate vaccine. <i>Immunology</i> , 2006 , 119, 328-37	7.8	43
83	Immunization of mice with a recombinant adenovirus vaccine inhibits the early growth of <i>Mycobacterium tuberculosis</i> after infection. <i>PLoS ONE</i> , 2009 , 4, e8235	3.7	41
82	The polymorphic epithelial mucin as a target for immunotherapy. <i>Annals of the New York Academy of Sciences</i> , 1993 , 690, 69-79	6.5	38
81	A point mutation in CD45 may be associated with an increased risk of HIV-1 infection. <i>Aids</i> , 2001 , 15, 1892-4	3.5	38
80	A point mutation within CD45 exon A is the cause of variant CD45RA splicing in humans. <i>European Journal of Immunology</i> , 1998 , 28, 22-9	6.1	37
79	Lipopolysaccharide modulation of dendritic cells is insufficient to mature dendritic cells to generate CTLs from naive polyclonal CD8+ T cells in vitro, whereas CD40 ligation is essential. <i>Journal of Immunology</i> , 2001 , 167, 6247-55	5.3	34
78	Molecular fingerprinting reveals non-overlapping T cell oligoclonality between an inflamed site and peripheral blood. <i>International Immunology</i> , 1999 , 11, 535-43	4.9	34
77	A high-frequency polymorphism in exon 6 of the CD45 tyrosine phosphatase gene (PTPRC) resulting in altered isoform expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 5997-6002	11.5	32
76	Langerhans cell histiocytosis is a neoplasm and consequently its recurrence is a relapse: In memory of Bob Arceci. <i>Pediatric Blood and Cancer</i> , 2016 , 63, 1704-12	3	32
75	<i>Helicobacter hepaticus</i> infection in BALB/c mice abolishes subunit-vaccine-induced protection against <i>M. tuberculosis</i> . <i>Vaccine</i> , 2015 , 33, 1808-14	4.1	31
74	Measurement of proliferation and disappearance of rapid turnover cell populations in human studies using deuterium-labeled glucose. <i>Nature Protocols</i> , 2009 , 4, 1313-27	18.8	31
73	Innate activation of human primary epithelial cells broadens the host response to <i>Mycobacterium tuberculosis</i> in the airways. <i>PLoS Pathogens</i> , 2017 , 13, e1006577	7.6	31
72	Combinations of CD45 isoforms are crucial for immune function and disease. <i>Journal of Immunology</i> , 2006 , 176, 3417-25	5.3	30

71	Disease associations and altered immune function in CD45 138G variant carriers. <i>Human Molecular Genetics</i> , 2004 , 13, 2377-84	5.6	30
70	CD2 and CD3 antigens mobilize Ca ²⁺ independently. <i>European Journal of Immunology</i> , 1986 , 16, 580-4	6.1	30
69	CD45 negatively regulates tumour necrosis factor and interleukin-6 production in dendritic cells. <i>Immunology</i> , 2006 , 118, 250-6	7.8	29
68	Expression of epithelial and neural antigens in small cell and non small cell lung carcinoma. <i>Journal of Pathology</i> , 1986 , 149, 103-11	9.4	28
67	Stratification of Latent Mycobacterium tuberculosis Infection by Cellular Immune Profiling. <i>Journal of Infectious Diseases</i> , 2017 , 215, 1480-1487	7	27
66	A novel murine cytomegalovirus vaccine vector protects against Mycobacterium tuberculosis. <i>Journal of Immunology</i> , 2014 , 193, 2306-16	5.3	27
65	Unusual T cell proliferations and neutropenia in rheumatoid arthritis: comparison with classical Felty's syndrome. <i>Scandinavian Journal of Haematology</i> , 1984 , 33, 342-50		27
64	Simultaneous immunization against tuberculosis. <i>PLoS ONE</i> , 2011 , 6, e27477	3.7	26
63	Cell-surface bound pertussis toxin induces polyclonal T cell responses with high levels of interferon-gamma in the absence of interleukin-12. <i>European Journal of Immunology</i> , 2003 , 33, 1859-68	6.1	26
62	Allorecognition of HLA-DR and -DQ transfectants by human CD45RA and CD45RO CD4 T cells: repertoire analysis and activation requirements. <i>European Journal of Immunology</i> , 1991 , 21, 79-88	6.1	26
61	An immunohistological study of leukocyte localization in benign and malignant breast tissue. <i>International Journal of Cancer</i> , 1985 , 36, 433-8	7.5	26
60	Protection Induced by Simultaneous Subcutaneous and Endobronchial Vaccination with BCG/BCG and BCG/Adenovirus Expressing Antigen 85A against Mycobacterium bovis in Cattle. <i>PLoS ONE</i> , 2015 , 10, e0142270	3.7	25
59	Integration of apoptosis and telomere erosion in virus-specific CD8+ T cells from blood and tonsils during primary infection. <i>Blood</i> , 2004 , 103, 162-7	2.2	25
58	Peyer's patches are required for the induction of rapid Th1 responses in the gut and mesenteric lymph nodes during an enteric infection. <i>Journal of Immunology</i> , 2006 , 176, 7533-41	5.3	24
57	Phenotype of human T helper and suppressor cells in an in vitro specific antibody response. <i>European Journal of Immunology</i> , 1982 , 12, 232-6	6.1	24
56	CD7 expression distinguishes subsets of CD4(+) T cells with distinct functional properties and ability to support replication of HIV-1. <i>European Journal of Immunology</i> , 2000 , 30, 577-85	6.1	23
55	gp120-induced programmed cell death in recently activated T cells without subsequent ligation of the T cell receptor. <i>European Journal of Immunology</i> , 1995 , 25, 1778-82	6.1	23
54	The antigen-specific memory CD8+ T-cell response induced by BCG in cattle resides in the CD8+gamma/deltaTCR-CD45RO+ T-cell population. <i>Vaccine</i> , 2009 , 27, 270-9	4.1	22

53	Serological properties of anti-Ly-6.2 serum produced by a new immunization schedule. <i>Immunogenetics</i> , 1978 , 7, 173-8	3.2	21
52	A CD45 polymorphism associated with abnormal splicing is absent in African populations. <i>Immunogenetics</i> , 2002 , 53, 980-3	3.2	20
51	The exon A (C77G) mutation is a common cause of abnormal CD45 splicing in humans. <i>Journal of Immunology</i> , 2001 , 166, 6144-8	5.3	20
50	Altered CD45 isoform expression affects lymphocyte function in CD45 Tg mice. <i>International Immunology</i> , 2004 , 16, 1323-32	4.9	19
49	An influenza virus matrix protein-specific human T cell line with helper activity for in vitro anti-hemagglutinin antibody production. <i>European Journal of Immunology</i> , 1982 , 12, 844-9	6.1	19
48	The coming of age of Langerhans cell histiocytosis. <i>Nature Immunology</i> , 2020 , 21, 1-7	19.1	19
47	A highly selected panel of anti-CD4 antibodies fails to induce anti-idiotypic antisera mediating human immunodeficiency virus neutralization. <i>European Journal of Immunology</i> , 1991 , 21, 1491-8	6.1	17
46	Primer: making sense of T-cell memory. <i>Nature Clinical Practice Rheumatology</i> , 2008 , 4, 43-9		16
45	Kinetics and clonality of immunological memory in humans. <i>Seminars in Immunology</i> , 2004 , 16, 315-21	10.7	16
44	The distribution of CD45R, CD29 and CD45RO (UCHL1) antigens in mature CD4 positive T-cell leukaemias. <i>British Journal of Haematology</i> , 1990 , 74, 439-44	4.5	16
43	Phorbol ester-induced expression and function of the interleukin 2 receptor in human B lymphocytes. <i>European Journal of Immunology</i> , 1985 , 15, 341-4	6.1	16
42	Nasal associated lymphoid tissue (NALT) contributes little to protection against aerosol challenge with <i>Mycobacterium tuberculosis</i> after immunisation with a recombinant adenoviral vaccine. <i>Vaccine</i> , 2010 , 28, 5179-84	4.1	15
41	T cell responses to peptides covering the gag p24 region of HIV-1 occur in HIV-1 seronegative individuals. <i>International Immunology</i> , 1991 , 3, 939-47	4.9	15
40	Characterization of age-related changes in bovine CD8+ T-cells. <i>Veterinary Immunology and Immunopathology</i> , 2011 , 140, 47-54	2	14
39	Differences in the regulation of CD4 and CD8 T-cell clones during immune responses. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000 , 355, 401-6	5.8	14
38	Two monoclonal antibodies identifying a subset of human peripheral mononuclear cells with natural killer cell activity. <i>European Journal of Immunology</i> , 1983 , 13, 521-7	6.1	14
37	CD45 is required for type I IFN production by dendritic cells. <i>European Journal of Immunology</i> , 2006 , 36, 2150-8	6.1	13
36	Abnormal cell surface antigen expression in individuals with variant CD45 splicing and histiocytosis. <i>Pediatric Research</i> , 2004 , 55, 478-84	3.2	12

35	Immunization with different formulations of Mycobacterium tuberculosis antigen 85A induces immune responses with different specificity and protective efficacy. <i>Vaccine</i> , 2013 , 31, 4624-31	4.1	10
34	Chemokine gene expression in lung CD8 T cells correlates with protective immunity in mice immunized intra-nasally with Adenovirus-85A. <i>BMC Medical Genomics</i> , 2010 , 3, 46	3.7	10
33	Geographical distribution and disease associations of the CD45 exon 6 138G variant. <i>Immunogenetics</i> , 2006 , 58, 235-9	3.2	10
32	CD45 regulates apoptosis in peripheral T lymphocytes. <i>International Immunology</i> , 2006 , 18, 959-66	4.9	10
31	Novel perforin mutation in a patient with hemophagocytic lymphohistiocytosis and CD45 abnormal splicing. <i>American Journal of Medical Genetics Part A</i> , 2003 , 117A, 255-60		10
30	Distribution of Droplets and Immune Responses After Aerosol and Intra-Nasal Delivery of Influenza Virus to the Respiratory Tract of Pigs. <i>Frontiers in Immunology</i> , 2020 , 11, 594470	8.4	10
29	Establishment of a Pig Influenza Challenge Model for Evaluation of Monoclonal Antibody Delivery Platforms. <i>Journal of Immunology</i> , 2020 , 205, 648-660	5.3	10
28	Environmental effects on protection against Mycobacterium tuberculosis after immunization with Ad85A. <i>Vaccine</i> , 2013 , 31, 1086-93	4.1	9
27	A new antigen identified by the monoclonal antibody UCHB 1 delivers a costimulatory signal to a subset of human B cells. <i>European Journal of Immunology</i> , 1988 , 18, 67-76	6.1	9
26	Expression of Ly-6 alloantigen during differentiation of cytotoxic T cells. <i>European Journal of Immunology</i> , 1979 , 9, 345-52	6.1	9
25	The PPD-specific T-cell clonal response in UK and Malawian subjects following BCG vaccination: a new repertoire evolves over 12 months. <i>Vaccine</i> , 2006 , 24, 2617-26	4.1	8
24	Killing comes naturally. <i>Nature</i> , 1979 , 278, 119-20	50.4	8
23	Simultaneous Aerosol and Intramuscular Immunization with Influenza Vaccine Induces Powerful Protective Local T Cell and Systemic Antibody Immune Responses in Pigs. <i>Journal of Immunology</i> , 2021 , 206, 652-663	5.3	8
22	Transcriptomic signatures for diagnosing tuberculosis in clinical practice: a prospective, multicentre cohort study. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 366-375	25.5	8
21	Accelerated in vivo proliferation of memory phenotype CD4+ T-cells in human HIV-1 infection irrespective of viral chemokine co-receptor tropism. <i>PLoS Pathogens</i> , 2013 , 9, e1003310	7.6	7
20	CD45 variant alleles: possibly increased frequency of a novel exon 4 CD45 polymorphism in HIV seropositive Ugandans. <i>Immunogenetics</i> , 2004 , 56, 107-10	3.2	7
19	Memory T cells. <i>Nature</i> , 1989 , 341, 392	50.4	5
18	Production of monoclonal antibodies to lactate dehydrogenase (LDH) isoenzymes for immunohistochemical study on fixed tissue section. <i>The Histochemical Journal</i> , 1989 , 21, 638-44		3

17	Immunotherapeutic T cells?. <i>Nature</i> , 1979 , 280, 632	50.4	3
16	Characterization of the antigen recognized by the mitogenic human T-lymphocyte monoclonal antibody UCH-T1. <i>Biochemical Society Transactions</i> , 1982 , 10, 101-102	5.1	3
15	B Lymphocyte Surface Antigens Involved in the Regulation of Immunoglobulin Secretion 1986 , 463-472		3
14	Identification of an intragenic promoter in the human CD45 gene. <i>Biochemical Society Transactions</i> , 1997 , 25, 177S	5.1	2
13	Protective porcine influenza virus-specific monoclonal antibodies recognize similar haemagglutinin epitopes as humans. <i>PLoS Pathogens</i> , 2021 , 17, e1009330	7.6	2
12	Regulation of Activation and Proliferation in T Cells 1986 , 427-439		2
11	HIV-TNF Interactions in Virgin and Memory CD4 + T Cells 1992 , 10-21		1
10	Prenatal diagnosis of severe combined immunodeficiency. <i>Lancet, The</i> , 1982 , 1, 1130	40	1
9	Spatial, temporal and molecular dynamics of swine influenza virus-specific CD8 tissue resident memory T cells.. <i>Mucosal Immunology</i> , 2022 ,	9.2	1
8	Modulation of HLA Class II Expression Following Infection by HIV 1989 , 352-354		1
7	Phorbol Ester Induces Changes in the Pattern of Cell Surface Molecules Involved in CTL-Target Cell Interaction 1986 , 157-162		1
6	The Influence of Anti-T Cell Monoclonal Antibodies on Calcium Mobilization: Investigation of Workshop Antibodies 1986 , 205-212		1
5	The Rules of Human T Cell Fate. <i>Frontiers in Immunology</i> , 2020 , 11, 573	8.4	0
4	New technologies for diagnosing active TB: the VANTDET diagnostic accuracy study. <i>Efficacy and Mechanism Evaluation</i> , 2021 , 8, 1-160	1.7	0
3	Obituary for Arnold Sanderson 1933-2011: early pioneer in transplantation antigens research. <i>Transplantation</i> , 2012 , 94, 545-6	1.8	
2	The application of monoclonal antibodies to the typing and isolation of lymphoreticular cells. <i>Proceedings of the Royal Society of Edinburgh Section B Biological Sciences</i> , 1982 , 81, 221-232		
1	Murine Cytotoxic T Cell Responses to Human Papillomavirus E7 Protein 1994 , 213-218		