Peter C L Beverley

List of Publications by Year in descending order

125 papers	11,008 citations	61857 43 h-index	31759 101 g-index
133 all docs	133 docs citations	133 times ranked	8443 citing authors

#	Article	IF	Citations
1	The CD4 (T4) antigen is an essential component of the receptor for the AIDS retrovirus. Nature, 1984, 312, 763-767.	13.7	3,646
2	Lifespan of human lymphocyte subsets defined by CD45 isoforms. Nature, 1992, 360, 264-265.	13.7	617
3	Distinctive functional characteristics of human â€žTâ€•lymphocytes defined by E rosetting or a monoclonal anti-T cell antibody. European Journal of Immunology, 1981, 11, 329-334.	1.6	494
4	Human CD4+ CD25hi Foxp3+ regulatory T cells are derived by rapid turnover of memory populations in vivo. Journal of Clinical Investigation, 2006, 116, 2423-2433.	3.9	425
5	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. European Journal of Immunology, 1988, 18, 1653-1662.	1.6	281
6	Multifunctional, High-Level Cytokine-Producing Th1 Cells in the Lung, but Not Spleen, Correlate with Protection against Mycobacterium tuberculosis Aerosol Challenge in Mice. Journal of Immunology, 2008, 181, 4955-4964.	0.4	269
7	In vivo kinetics of human natural killer cells: the effects of ageing and acute and chronic viral infection. Immunology, 2007, 121, 258-265.	2.0	257
8	Phytohaemagglutinin activation of T cells through the sheep red blood cell receptor. Nature, 1985, 313, 686-687.	13.7	195
9	Rapid Turnover of Effectorâ€“Memory CD4+ T Cells in Healthy Humans. Journal of Experimental Medicine, 2004, 200, 255-260.	4.2	176
10	A Deletion in the Gene Encoding the CD45 Antigen in a Patient with SCID. Journal of Immunology, 2001, 166, 1308-1313.	0.4	174
11	The human and simian immunodeficiency viruses HIV-1, HIV-2 and SIV interact with similar epitopes on their cellular receptor, the CD4 molecule. Aids, 1988, 2, 101-106.	1.0	163
12	B-cell kinetics in humans: rapid turnover of peripheral blood memory cells. Blood, 2005, 105, 3633-3640.	0.6	155
13	Evidence for differential expression of CD45 isoforms by precursors for memory-dependent and independent cytotoxic responses: human CD8 memory CTLp selectively express CD45R0 (UCHL1). International Immunology, 1989, 1, 450-459.	1.8	131
14	In silico identified CCR4 antagonists target regulatory T cells and exert adjuvant activity in vaccination. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10221-10226.	3.3	126
15	Ontogeny of expression of UCHL1 antigen on TcR-1+ (CD4/8) and TcRÎ´+ T cells. European Journal of Immunology, 1989, 19, 771-773.	1.6	117
16	Will telomere erosion lead to a loss of T-cell memory?. Nature Reviews Immunology, 2004, 4, 737-743.	10.6	117
17	HIV infection of primate lymphocytes and conservation of the CD4 receptor. Nature, 1987, 330, 487-489.	13.7	116
18	Different Ly antigen phenotypes of in vitro induced helper and suppressor cells. Nature, 1975, 258, 614-616.	13.7	111

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19	Clonal Expansions in Acute EBV Infection Are Detectable in the CD8 and not the CD4 Subset and Persist with a Variable CD45 Phenotype. Journal of Immunology, 2000, 165, 5729-5737.	0.4	110
20	Telomere Erosion in Memory T Cells Induced by Telomerase Inhibition at the Site of Antigenic Challenge In Vivo. Journal of Experimental Medicine, 2004, 199, 1433-1443.	4.2	107
21	Direct Measurement of T Cell Subset Kinetics In Vivo in Elderly Men and Women. Journal of Immunology, 2004, 173, 1787-1794.	0.4	104
22	Altered CD45 expression and disease. Trends in Immunology, 2006, 27, 146-153.	2.9	101
23	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. Journal of Biological Chemistry, 2002, 277, 1912-1918.	1.6	99
24	Investigation of early T cell activation: Analysis of the effect of specific antigen, interleukin 2 and monoclonal antibodies on intracellular free calcium concentration. European Journal of Immunology, 1985, 15, 7-11.	1.6	91
25	In vitro responses of human CD45R0brightRAâˆ' and CD45R0âˆ'RAbright T cell subsets and their relationship to memory and naive T cells. European Journal of Immunology, 1997, 27, 2383-2390.	1.6	83
26	Variable BCG efficacy in rhesus populations: Pulmonary BCG provides protection where standard intra-dermal vaccination fails. Tuberculosis, 2017, 104, 46-57.	0.8	80
27	Foot-and-Mouth Disease Virus Can Induce a Specific and Rapid CD4⁺T-Cell-Independent Neutralizing and Isotype Class-Switched Antibody Response in NaiÌ‚ve Cattle. Journal of Virology, 2009, 83, 3626-3636.	1.5	76
28	T cell activation by anti-T3 antibodies: Comparison of IgG1 and IgG2b switch variants and direct evidence for accessory function of macrophage Fc receptors. European Journal of Immunology, 1986, 16, 478-486.	1.6	74
29	Intramuscular immunisation withMUC1 cDNA can protect C57 mice challenged with MUC1-expressing syngeneic mouse tumour cells. , 1996, 65, 664-670.		74
30	Prolonged exposure of naÃ¯ve CD8+T cells to interleukin-7 or interleukin-15 stimulates proliferation without differentiation or loss of telomere length. Immunology, 2006, 119, 243-253.	2.0	68
31	Limitations of predictive motifs revealed by cytotoxic T lymphocyte epitope mapping of the human papilloma virus E7 protein. International Immunology, 1994, 6, 289-296.	1.8	67
32	Expression and functional role of CD23 on T cells. European Journal of Immunology, 1989, 19, 31-35.	1.6	66
33	Tumor promoter phorbol esters induce unresponsiveness to antigen and expression of interleukin 2 receptor on T cells. European Journal of Immunology, 1985, 15, 196-199.	1.6	58
34	Serotype-Specific and Age-Dependent Generation of Pneumococcal Polysaccharide-Specific Memory B-Cell and Antibody Responses to Immunization with a Pneumococcal Conjugate Vaccine. Vaccine Journal, 2008, 15, 182-193.	3.2	57
35	CXCR6 Is a Marker for Protective Antigen-Specific Cells in the Lungs after Intranasal Immunization against Mycobacterium tuberculosis. Infection and Immunity, 2011, 79, 3328-3337.	1.0	55
36	Stratification of Latent Mycobacterium tuberculosis Infection by Cellular Immune Profiling. Journal of Infectious Diseases, 2017, 215, 1480-1487.	1.9	54

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37	Immunological memory in T cells. Current Opinion in Immunology, 1991, 3, 355-360.	2.4	52
38	The kinetics and phenotype of the human B-cell response following immunization with a heptavalent pneumococcal-CRM197conjugate vaccine. Immunology, 2006, 119, 328-337.	2.0	52
39	B cell growth and differentiation induced by supernatants of transformed epithelial cell lines. European Journal of Immunology, 1986, 16, 1017-1019.	1.6	51
40	Regulation of Alternative Splicing of CD45 by Antagonistic Effects of SR Protein Splicing Factors. Journal of Immunology, 2000, 164, 5287-5295.	0.4	51
41	Toward the Discovery of Vaccine Adjuvants: Coupling In Silico Screening and In Vitro Analysis of Antagonist Binding to Human and Mouse CCR4 Receptors. PLoS ONE, 2009, 4, e8084.	1.1	51
42	Phenotypic analysis of fetal blood leucocytes: Potential for prenatal diagnosis of immunodeficiency disorders. Prenatal Diagnosis, 1982, 2, 211-218.	1.1	50
43	Innate activation of human primary epithelial cells broadens the host response to Mycobacterium tuberculosis in the airways. PLoS Pathogens, 2017, 13, e1006577.	2.1	48
44	Langerhans cell histiocytosis is a neoplasm and consequently its recurrence is a relapse: In memory of Bob Arceci. Pediatric Blood and Cancer, 2016, 63, 1704-1712.	0.8	46
45	Immunization of Mice with a Recombinant Adenovirus Vaccine Inhibits the Early Growth of Mycobacterium tuberculosis After Infection. PLoS ONE, 2009, 4, e8235.	1.1	45
46	A point mutation in CD45 may be associated with an increased risk of HIV-1 infection. Aids, 2001, 15, 1892-1894.	1.0	44
47	The Polymorphic Epithelial Mucin as a Target for Immunotherapy. Annals of the New York Academy of Sciences, 1993, 690, 69-79.	1.8	43
48	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. Journal of Immunology, 2001, 167, 6247-6255.	0.4	41
49	Combinations of CD45 Isoforms Are Crucial for Immune Function and Disease. Journal of Immunology, 2006, 176, 3417-3425.	0.4	41
50	Helicobacter hepaticus infection in BALB/c mice abolishes subunit-vaccine-induced protection against M. tuberculosis. Vaccine, 2015, 33, 1808-1814.	1.7	41
51	A point mutation within CD45 exon A is the cause of variant CD45RA splicing in humans. European Journal of Immunology, 1998, 28, 22-29.	1.6	39
52	Molecular fingerprinting reveals non-overlapping T cell oligoclonality between an inflamed site and peripheral blood. International Immunology, 1999, 11, 535-543.	1.8	39
53	Measurement of proliferation and disappearance of rapid turnover cell populations in human studies using deuterium-labeled glucose. Nature Protocols, 2009, 4, 1313-1327.	5.5	39
54	A Novel Murine Cytomegalovirus Vaccine Vector Protects against Mycobacterium tuberculosis. Journal of Immunology, 2014, 193, 2306-2316.	0.4	39

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55	Unusual T cell proliferations and neutropenia in rheumatoid arthritis: comparison with classical Felty's syndrome. Scandinavian Journal of Haematology, 1984, 33, 342-350.	0.0	37
56	A high-frequency polymorphism in exon 6 of the CD45 tyrosine phosphatase gene (PTPRC) resulting in altered isoform expression. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5997-6002.	3.3	34
57	The coming of age of Langerhans cell histiocytosis. Nature Immunology, 2020, 21, 1-7.	7.0	34
58	Cell-surface bound pertussis toxin induces polyclonal T cell responses with high levels of interferon-Î³ in the absence of interleukin-12. European Journal of Immunology, 2003, 33, 1859-1868.	1.6	33
59	Disease associations and altered immune function in CD45 138G variant carriers. Human Molecular Genetics, 2004, 13, 2377-2384.	1.4	33
60	Protection Induced by Simultaneous Subcutaneous and Endobronchial Vaccination with BCG/BCG and BCG/Adenovirus Expressing Antigen 85A against Mycobacterium bovis in Cattle. PLoS ONE, 2015, 10, e0142270.	1.1	32
61	CD2 and CD3 antigens mobilize Ca2+ independently. European Journal of Immunology, 1986, 16, 580-584.	1.6	31
62	Expression of epithelial and neural antigens in small cell and non small cell lung carcinoma. Journal of Pathology, 1986, 149, 103-111.	2.1	31
63	Integration of apoptosis and telomere erosion in virus-specific CD8+ T cells from blood and tonsils during primary infection. Blood, 2004, 103, 162-167.	0.6	31
64	Peyerâ€™s Patches Are Required for the Induction of Rapid Th1 Responses in the Gut and Mesenteric Lymph Nodes during an Enteric Infection. Journal of Immunology, 2006, 176, 7533-7541.	0.4	31
65	Simultaneous Immunization against Tuberculosis. PLoS ONE, 2011, 6, e27477.	1.1	30
66	Allorecognition of HLA-DR and -DQ transfectants by human CD45RA and CD45R0 CD4 T cells: Repertoire analysis and activation requirements. European Journal of Immunology, 1991, 21, 79-88.	1.6	29
67	CD45 negatively regulates tumour necrosis factor and interleukin-6 production in dendritic cells. Immunology, 2006, 118, 250-256.	2.0	29
68	gp120-induced programmed cell death in recently activated T cells without subsequent ligation of the T cell receptor. European Journal of Immunology, 1995, 25, 1778-1782.	1.6	28
69	The antigen-specific memory CD8+ T-cell response induced by BCG in cattle resides in the CD8+Î³/ÎTCRâ^'CD45RO+ T-cell population. Vaccine, 2009, 27, 270-279.	1.7	28
70	An immunohistological study of leukocyte localization in benign and malignant breast tissue. International Journal of Cancer, 1985, 36, 433-438.	2.3	27
71	CD7 expression distinguishes subsets of CD4+ T cells with distinct functional properties and ability to support replication of HIV-1. European Journal of Immunology, 2000, 30, 577-585.	1.6	26
72	Transcriptomic signatures for diagnosing tuberculosis in clinical practice: a prospective, multicentre cohort study. Lancet Infectious Diseases, The, 2021, 21, 366-375.	4.6	26

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73	Phenotype of human T helper and suppressor cells in an in vitro specific antibody response. European Journal of Immunology, 1982, 12, 232-236.	1.6	25
74	A CD45 polymorphism associated with abnormal splicing is absent in African populations. Immunogenetics, 2002, 53, 980-983.	1.2	22
75	Establishment of a Pig Influenza Challenge Model for Evaluation of Monoclonal Antibody Delivery Platforms. Journal of Immunology, 2020, 205, 648-660.	0.4	22
76	Serological properties of anti-Ly-6.2 serum produced by a new immunization schedule. Immunogenetics, 1978, 7, 173-178.	1.2	21
77	The Exon A (C77G) Mutation Is a Common Cause of Abnormal CD45 Splicing in Humans. Journal of Immunology, 2001, 166, 6144-6148.	0.4	21
78	Simultaneous Aerosol and Intramuscular Immunization with Influenza Vaccine Induces Powerful Protective Local T Cell and Systemic Antibody Immune Responses in Pigs. Journal of Immunology, 2021, 206, 652-663.	0.4	21
79	An influenza virus matrix protein-specific human T cell line with helper activity forin vitro anti-hemagglutinin antibody production. European Journal of Immunology, 1982, 12, 844-849.	1.6	20
80	Altered CD45 isoform expression affects lymphocyte function in CD45 Tg mice. International Immunology, 2004, 16, 1323-1332.	1.8	20
81	The distribution of CD45R, CD29 and CD45RO (UCHL1) antigens in mature CD4 positive T-cell leukaemias. British Journal of Haematology, 1990, 74, 439-444.	1.2	19
82	A highly selected panel of anti-CD4 antibodies fails to induce anti-idiotypic antisera mediating human immunodeficiency virus neutralization. European Journal of Immunology, 1991, 21, 1491-1498.	1.6	19
83	Differences in the regulation of CD4 and CD8 Tâ€“cell clones during immune responses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 401-406.	1.8	19
84	Kinetics and clonality of immunological memory in humans. Seminars in Immunology, 2004, 16, 315-321.	2.7	19
85	Primer: making sense of T-cell memory. Nature Clinical Practice Rheumatology, 2008, 4, 43-49.	3.2	18
86	Phorbol ester-induced expression and function of the interleukin 2 receptor in human B lymphocytes. European Journal of Immunology, 1985, 15, 341-344.	1.6	17
87	Immunology: The importance of T3 in the activation of T lymphocytes. Nature, 1983, 304, 398-399.	13.7	16
88	T cell responses to peptides covering the gag p24 region of HIV -1 occur in HIV -1 seronegative individuals. International Immunology, 1991, 3, 939-947.	1.8	16
89	Nasal associated lymphoid tissue (NALT) contributes little to protection against aerosol challenge with Mycobacterium tuberculosis after immunisation with a recombinant adenoviral vaccine. Vaccine, 2010, 28, 5179-5184.	1.7	16
90	Distribution of Droplets and Immune Responses After Aerosol and Intra-Nasal Delivery of Influenza Virus to the Respiratory Tract of Pigs. Frontiers in Immunology, 2020, 11, 594470.	2.2	16

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91	Novel perforin mutation in a patient with hemophagocytic lymphohistiocytosis and CD45 abnormal splicing. American Journal of Medical Genetics Part A, 2003, 117A, 255-260.	2.4	15
92	Characterization of age-related changes in bovine CD8+ T-cells. Veterinary Immunology and Immunopathology, 2011, 140, 47-54.	0.5	15
93	Two monoclonal antibodies identifying a subset of human peripheral mononuclear cells with natural killer cell activity. European Journal of Immunology, 1983, 13, 521-527.	1.6	14
94	CD45 is required for typeâ€„I IFN production by dendritic cells. European Journal of Immunology, 2006, 36, 2150-2158.	1.6	14
95	Abnormal Cell Surface Antigen Expression in Individuals with Variant CD45 Splicing and Histiocytosis. Pediatric Research, 2004, 55, 478-484.	1.1	13
96	Protective porcine influenza virus-specific monoclonal antibodies recognize similar haemagglutinin epitopes as humans. PLoS Pathogens, 2021, 17, e1009330.	2.1	13
97	Memory T cells. Nature, 1989, 341, 392-392.	13.7	11
98	CD45 regulates apoptosis in peripheral T lymphocytes. International Immunology, 2006, 18, 959-966.	1.8	11
99	Chemokine gene expression in lung CD8 T cells correlates with protective immunity in mice immunized intra-nasally with Adenovirus-85A. BMC Medical Genomics, 2010, 3, 46.	0.7	11
100	Immunization with different formulations of Mycobacterium tuberculosis antigen 85A induces immune responses with different specificity and protective efficacy. Vaccine, 2013, 31, 4624-4631.	1.7	11
101	Killing comes naturally. Nature, 1979, 278, 119-120.	13.7	10
102	Geographical distribution and disease associations of the CD45 exon 6 138G variant. Immunogenetics, 2006, 58, 235-239.	1.2	10
103	Environmental effects on protection against Mycobacterium tuberculosis after immunization with Ad85A. Vaccine, 2013, 31, 1086-1093.	1.7	10
104	Accelerated In Vivo Proliferation of Memory Phenotype CD4+ T-cells in Human HIV-1 Infection Irrespective of Viral Chemokine Co-receptor Tropism. PLoS Pathogens, 2013, 9, e1003310.	2.1	10
105	Expression of Ly-6 alloantigen during differentiation of cytotoxic T cells. European Journal of Immunology, 1979, 9, 345-352.	1.6	9
106	A new antigen identified by the monoclonal antibody UCHB1 delivers a costimulatory signal to a subset of human B cells. European Journal of Immunology, 1988, 18, 67-76.	1.6	9
107	CD45 variant alleles: possibly increased frequency of a novel exon 4 CD45 polymorphism in HIV seropositive Ugandans. Immunogenetics, 2004, 56, 107-110.	1.2	9
108	The PPD-specific T-cell clonal response in UK and Malawian subjects following BCG vaccination: A new repertoire evolves over 12 months. Vaccine, 2006, 24, 2617-2626.	1.7	9

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109	Spatial, temporal and molecular dynamics of swine influenza virus-specific CD8 tissue resident memory T cells. Mucosal Immunology, 2022, 15, 428-442.	2.7	9
110	The Rules of Human T Cell Fate in vivo. Frontiers in Immunology, 2020, 11, 573.	2.2	5
111	The application of monoclonal antibodies to the typing and isolation of lymphoreticular cells. Proceedings of the Royal Society of Edinburgh Section B Biological Sciences, 1982, 81, 221-232.	0.2	4
112	Modulation of HLA Class II Expression Following Infection by HIV. , 1989, , 352-354.		4
113	Immunotherapeutic T cells?. Nature, 1979, 280, 632-632.	13.7	3
114	Understanding natural killer cells. Nature, 1981, 291, 288-288.	13.7	3
115	Characterization of the antigen recognized by the mitogenic human T-lymphocyte monoclonal antibody UCH-T1. Biochemical Society Transactions, 1982, 10, 101-102.	1.6	3
116	Production of monoclonal antibodies to lactate dehydrogenase (LDH) isoenzymes for immunohistochemical study on fixed tissue section. The Histochemical Journal, 1989, 21, 638-644.	0.6	3
117	B Lymphocyte Surface Antigens Involved in the Regulation of Immunoglobulin Secretion. , 1986, , 463-472.		3
118	HIV-TNF Interactions in Virgin and Memory CD4 + T Cells. , 1992, , 10-21.		2
119	Identification of an intragenic promoter in the human CD45 gene. Biochemical Society Transactions, 1997, 25, 177S-177S.	1.6	2
120	New technologies for diagnosing active TB: the VANTDET diagnostic accuracy study. Efficacy and Mechanism Evaluation, 2021, 8, 1-160.	0.9	2
121	Regulation of Activation and Proliferation in T Cells. , 1986, , 427-439.		2
122	PRENATAL DIAGNOSIS OF SEVERE COMBINED IMMUNODEFICIENCY. Lancet, The, 1982, 319, 1130.	6.3	1
123	Phorbol Ester Induces Changes in the Pattern of Cell Surface Molecules Involved in CTL-Target Cell Interaction. , 1986, , 157-162.		1
124	The Influence of Anti-T Cell Monoclonal Antibodies on Calcium Mobilization: Investigation of Workshop Antibodies. , 1986, , 205-212.		1
125	Obituary for Arnold Sanderson 1933â€“2011. Transplantation, 2012, 94, 545-546.	0.5	0