Anne Kelso

List of Publications by Year
in descending order

120 papers	9,257 citations	53794 45 h-index	40979 93 g-index
122 all docs	122 docs citations	122 times ranked	11312 citing authors

#	Article	IF	Citations
1	Limited Phenotypic and Functional Plasticity of Influenza Virusâ€“Specific Memory CD8+T Cells during Activation in an Alternative Cytokine Environment. Journal of Immunology, 2018, 201, 3282-3293.	0.8	2
2	Exposure of Human CD8+ T Cells to Type-2 Cytokines Impairs Division and Differentiation and Induces Limited Polarization. Frontiers in Immunology, 2018, 9, 1141.	4.8	18
3	Review of the Australian Code for the Responsible Conduct of Research (2007). Medical Journal of Australia, 2016, 205, 49-49.	1.7	1
4	Targeted health research funding â€" submit your ideas. Medical Journal of Australia, 2016, 205, 382-382.	1.7	0
5	Quantitative assessment of the functional plasticity of memory CD8⁺ TÂcells. European Journal of Immunology, 2016, 46, 863-873.	2.9	2
6	Selection of antigenically advanced variants of seasonal influenza viruses. Nature Microbiology, 2016, 1, 16058.	13.3	61
7	Dynamic regulation of permissive histone modifications and GATA3 binding underpin acquisition of granzyme A expression by virusâ€specific CD8⁺ T cells. European Journal of Immunology, 2016, 46, 307-318.	2.9	11
8	High conservation level of CD8⁺ T cell immunogenic regions within an unusual H1N2 human influenza variant. Journal of Medical Virology, 2016, 88, 1725-1732.	5.0	3
9	Characterization of the Localized Immune Response in the Respiratory Tract of Ferrets following Infection with Influenza A and B Viruses. Journal of Virology, 2016, 90, 2838-2848.	3.4	32
10	Global circulation patterns of seasonal influenza viruses vary with antigenic drift. Nature, 2015, 523, 217-220.	27.8	445
11	Inactivated Influenza Vaccine That Provides Rapid, Innate-Immune-System-Mediated Protection and Subsequent Long-Term Adaptive Immunity. MBio, 2015, 6, e01024-15.	4.1	34
12	Interval Between Infections and Viral Hierarchy Are Determinants of Viral Interference Following Influenza Virus Infection in a Ferret Model. Journal of Infectious Diseases, 2015, 212, 1701-1710.	4.0	88
13	Innate Immunity and the Inter-exposure Interval Determine the Dynamics of Secondary Influenza Virus Infection and Explain Observed Viral Hierarchies. PLoS Computational Biology, 2015, 11, e1004334.	3.2	50
14	Epidemiological and Virological Characteristics of Influenza Viruses Circulating in Cambodia from 2009 to 2011. PLoS ONE, 2014, 9, e110713.	2.5	33
15	Evaluation of oseltamivir prophylaxis regimens for reducing influenza virus infection, transmission and disease severity in a ferret model of household contact. Journal of Antimicrobial Chemotherapy, 2014, 69, 2458-2469.	3.0	31
16	Estimating the Fitness Advantage Conferred by Permissive Neuraminidase Mutations in Recent Oseltamivir-Resistant A(H1N1)pdm09 Influenza Viruses. PLoS Pathogens, 2014, 10, e1004065.	4.7	114
17	Epigenetic plasticity of Cd8a locus during CD8+ T-cell development and effector differentiation and reprogramming. Nature Communications, 2014, 5, 3547.	12.8	37
18	Detection of Evolutionarily Distinct Avian Influenza A Viruses in Antarctica. MBio, 2014, 5, e01098-14.	4.1	86

#	Article	IF	Citations
19	Seroprevalence of antibody to influenza A(H1N1)pdm09 attributed to vaccination or infection, before and after the second (2010) pandemic wave in <scp>A</scp>ustralia. Influenza and Other Respiratory Viruses, 2014, 8, 194-200.	3.4	13
20	Peramivir and laninamivir susceptibility of circulating influenza A and B viruses. Influenza and Other Respiratory Viruses, 2014, 8, 135-139.	3.4	38
21	Distinct Epigenetic Signatures Delineate Transcriptional Programs during Virus-Specific CD8+ T Cell Differentiation. Immunity, 2014, 41, 853-865.	14.3	189
22	TaqMan real time RT-PCR assays for detecting ferret innate and adaptive immune responses. Journal of Virological Methods, 2014, 205, 38-52.	2.1	31
23	WHO recommendations for the viruses used in the 2013â€“2014 Northern Hemisphere influenza vaccine: Epidemiology, antigenic and genetic characteristics of influenza A(H1N1)pdm09, A(H3N2) and B influenza viruses collected from October 2012 to January 2013. Vaccine, 2014, 32, 4713-4725.	3.8	102
24	Interleukinâ€4â€induced loss of <scp>CD</scp>8 expression and cytolytic function in effector <scp>CD</scp>8 T cells persists long term in vivo. Immunology, 2013, 139, 187-196.	4.4	5
25	Acute emergence and reversion of influenza A virus quasispecies within CD8+ T cell antigenic peptides. Nature Communications, 2013, 4, 2663.	12.8	55
26	Progressive emergence of an oseltamivirâ€resistant <scp>A</scp>(<scp>H</scp>3<scp>N</scp>2) virus over two courses of oseltamivir treatment in an immunocompromised paediatric patient. Influenza and Other Respiratory Viruses, 2013, 7, 904-908.	3.4	23
27	Influenza antiviral resistance in the Asia-Pacific region during 2011. Antiviral Research, 2013, 97, 206-210.	4.1	35
28	The use of pyrosequencer-generated sequence-signatures to identify the influenza B-lineage and the subclade of the B/Yamataga-lineage viruses from currently circulating human influenza B viruses. Journal of Clinical Virology, 2013, 58, 94-99.	3.1	13
29	Antigenic Drift of the Pandemic 2009 A(H1N1) Influenza Virus in a Ferret Model. PLoS Pathogens, 2013, 9, e1003354.	4.7	62
30	Factors influencing infection by pandemic influenza A(H1N1)pdm09 over three epidemic waves in Singapore. Influenza and Other Respiratory Viruses, 2013, 7, 1380-1389.	3.4	15
31	Seasonal influenza vaccine policies, recommendations and use in the World Health Organizationâ€™s Western Pacific Region. Western Pacific Surveillance and Response Journal: WPSAR, 2013, 4, 51-59.	0.6	52
32	Influenza antivirals and resistance: the next 10 years?. Expert Review of Anti-Infective Therapy, 2012, 10, 1221-1223.	4.4	11
33	WHO recommendations for the viruses to be used in the 2012 Southern Hemisphere Influenza Vaccine: Epidemiology, antigenic and genetic characteristics of influenza A(H1N1)pdm09, A(H3N2) and B influenza viruses collected from February to September 2011. Vaccine, 2012, 30, 6461-6471.	3.8	60
34	The Ongoing Battle Against Influenza: Drug-resistant influenza viruses: why fitness matters. Nature Medicine, 2012, 18, 1470-1471.	30.7	33
35	CD4+ T cells limit the damage in influenza. Nature Medicine, 2012, 18, 200-202.	30.7	7
36	Differential Effects of Pandemic (H1N1) 2009 on Remote and Indigenous Groups, Northern Territory, Australia, 2009. Emerging Infectious Diseases, 2011, 17, 1615-1623.	4.3	29

#	Article	IF	Citations
37	Limited novel influenza A (H1N1) 09 infection in travelling high-school tour group. Influenza and Other Respiratory Viruses, 2011, 5, 47-51.	3.4	3
38	Absence of cross-reactive antibodies to influenza A (H1N1) 2009 before and after vaccination with 2009 Southern Hemisphere seasonal trivalent influenza vaccine in children aged 6â€ƒmonths-9â€ƒyears: a prospective study. Influenza and Other Respiratory Viruses, 2011, 5, 7-11.	3.4	10
39	A comparison of pyrosequencing and neuraminidase inhibition assays for the detection of oseltamivir-resistant pandemic influenza A(H1N1) 2009 viruses. Antiviral Research, 2011, 90, 87-91.	4.1	31
40	Community Transmission of Oseltamivir-Resistant A(H1N1)pdm09 Influenza. New England Journal of Medicine, 2011, 365, 2541-2542.	27.0	119
41	Pandemic (H1N1) 2009 Risk for Frontline Health Care Workers. Emerging Infectious Diseases, 2011, 17, 1000-1006.	4.3	26
42	2009 Influenza A(H1N1) Seroconversion Rates and Risk Factors Among Distinct Adult Cohorts in Singapore. JAMA - Journal of the American Medical Association, 2010, 303, 1383.	7.4	143
43	Seroconversion and asymptomatic infections during oseltamivir prophylaxis against Influenza A H1N1 2009. BMC Infectious Diseases, 2010, 10, 164.	2.9	20
44	Q&A: H1N1 pandemic influenza - what's new?. BMC Biology, 2010, 8, 130.	3.8	3
45	Multiple Infections with Seasonal Influenza A Virus Induce Crossâ€Protective Immunity against A(H1N1) Pandemic Influenza Virus in a Ferret Model. Journal of Infectious Diseases, 2010, 202, 1011-1020.	4.0	108
46	Effectiveness of Public Health Measures in Mitigating Pandemic Influenza Spread: A Prospective Seroâ€Epidemiological Cohort Study. Journal of Infectious Diseases, 2010, 202, 1319-1326.	4.0	42
47	IFN-Î³ Inhibits IL-4â€“Induced Type 2 Cytokine Expression by CD8 T Cells In Vivo and Modulates the Anti-Tumor Response. Journal of Immunology, 2010, 185, 998-1004.	0.8	35
48	Cross-reactive CD8 ⁺ T-cell immunity between the pandemic H1N1-2009 and H1N1-1918 influenza A viruses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12599-12604.	7.1	163
49	Transmission of pandemic A/H1N1 2009 influenza on passenger aircraft: retrospective cohort study. BMJ: British Medical Journal, 2010, 340, c2424-c2424.	2.3	97
50	Epidemiological, antigenic and genetic characteristics of seasonal influenza A(H1N1), A(H3N2) and B influenza viruses: Basis for the WHO recommendation on the composition of influenza vaccines for use in the 2009â€“2010 Northern Hemisphere season. Vaccine, 2010, 28, 1156-1167.	3.8	145
51	Role of CD8+T-cell immunity in influenza infection: potential use in future vaccine development. Expert Review of Respiratory Medicine, 2009, 3, 523-537.	2.5	3
52	Zanamivir-Resistant Influenza Viruses with a Novel Neuraminidase Mutation. Journal of Virology, 2009, 83, 10366-10373.	3.4	224
53	Emergence and spread of oseltamivir-resistant A(H1N1) influenza viruses in Oceania, South East Asia and South Africa. Antiviral Research, 2009, 83, 90-93.	4.1	248
54	Q&A: What have we found out about the influenza A (H1N1) 2009 pandemic virus?. Journal of Biology, 2009, 8, 69.	2.7	9

#	Article	IF	Citations
55	Prospects for an influenza vaccine that induces crossâ€protective cytotoxic T lymphocytes. Immunology and Cell Biology, 2009, 87, 300-308.	2.3	91
56	Performance of influenza rapid pointâ€ofâ€care tests in the detection of swine lineage A(H1N1) influenza viruses. Influenza and Other Respiratory Viruses, 2009, 3, 171-176.	3.4	111
57	Branched and linear lipopeptide vaccines have different effects on primary CD4+ and CD8+ T-cell activation but induce similar tumor-protective memory CD8+ T-cell responses. Vaccine, 2008, 26, 2570-2579.	3.8	20
58	Influenza vaccine strain selection and recent studies on the global migration of seasonal influenza viruses. Vaccine, 2008, 26, D31-D34.	3.8	208
59	The Global Circulation of Seasonal Influenza A (H3N2) Viruses. Science, 2008, 320, 340-346.	12.6	628
60	Interferon-Î³ and interleukin-4 reciprocally regulate CD8 expression in CD8⁺T cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17475-17480.	7.1	35
61	Toward a broadly protective influenza vaccine. Journal of Clinical Investigation, 2008, 118, 3273-5.	8.2	84
62	Tumor-Derived Interleukin-4 Reduces Tumor Clearance and Deviates the Cytokine and Granzyme Profile of Tumor-Induced CD8+ T Cells. Cancer Research, 2006, 66, 571-580.	0.9	36
63	IL-2 Regulates Perforin and Granzyme Gene Expression in CD8+ T Cells Independently of Its Effects on Survival and Proliferation. Journal of Immunology, 2005, 175, 8003-8010.	0.8	114
64	Memory cytolytic T-lymphocytes: induction, regulation and implications for vaccine design. Expert Review of Vaccines, 2005, 4, 711-723.	4.4	5
65	Progressive Differentiation and Commitment of CD8+ T Cells to a Poorly Cytolytic CD8low Phenotype in the Presence of IL-4. Journal of Immunology, 2005, 174, 2021-2029.	0.8	76
66	Profiling the CD8 low phenotype, an alternative career choice for CD8 T cells during primary differentiation. Immunology and Cell Biology, 2004, 82, 75-83.	2.3	34
67	Sustained linked stimulation via CD3 and CD4 is required for the ILâ€4â€independent development of ILâ€4 synthesizing CD4 + T cells. Immunology and Cell Biology, 2003, 81, 283-288.	2.3	2
68	Single-cell perforin and granzyme expression reveals the anatomical localization of effector CD8+ T cells in influenza virus-infected mice. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2657-2662.	7.1	150
69	The Mechanism and Significance of Deletion of Parasite-specific CD4+T Cells in Malaria Infection. Journal of Experimental Medicine, 2002, 195, 881-892.	8.5	139
70	A Clonal Culture System Demonstrates That IL-4 Induces a Subpopulation of Noncytolytic T Cells with Low CD8, Perforin, and Granzyme Expression. Journal of Immunology, 2002, 168, 1672-1681.	0.8	70
71	The genes for perforin, granzymes Aâ€“C and IFNâ€Î³ are differentially expressed in single CD8+ T cells during primary activation. International Immunology, 2002, 14, 605-613.	4.0	97
72	Lymphocyte apoptosis and cell replacement in human liver allografts. Transplantation, 2002, 73, 1828-1834.	1.0	16

#	Article	IF	Citations
73	The fluorolysis assay, a highly sensitive method for measuring the cytolytic activity of T cells at very low numbers. Journal of Immunological Methods, 2002, 267, 99-108.	1.4	41
74	Shaping the T cell response to influenza virus. International Congress Series, 2001, 1219, 301-309.	0.2	0
75	Lipopeptide vaccines: a strategy for improving protective immunity against influenza. International Congress Series, 2001, 1219, 993-998.	0.2	0
76	A Critical Role for Dnmt1 and DNA Methylation in T Cell Development, Function, and Survival. Immunity, 2001, 15, 763-774.	14.3	1,124
77	CD4 Ligation Promotes the IL-4-Independent Development of IL-4-Producing Clones from Naive CD4+ T Cells. Journal of Immunology, 2001, 167, 5610-5619.	0.8	6
78	Regulation of T cell cytokine production by dendritic cells. Immunology and Cell Biology, 2000, 78, 214-223.	2.3	36
79	Cytokines and Their Receptors: An Overview. Therapeutic Drug Monitoring, 2000, 22, 40-43.	2.0	14
80	Single-cell analysis by RT-PCR reveals differential expression of multiple type 1 and 2 cytokine genes among cells within polarized CD4+ T cell populations. International Immunology, 1999, 11, 617-621.	4.0	68
81	The Activated Type 1â€“Polarized Cd8+ T Cell Population Isolated from an Effector Site Contains Cells with Flexible Cytokine Profiles. Journal of Experimental Medicine, 1999, 190, 1081-1092.	8.5	33
82	Educating T cells: early events in the differentiation and commitment of cytokine-producing CD4+ and CD8+ T cells. Seminars in Immunopathology, 1999, 21, 231-248.	4.0	14
83	Nature versus nurture in T cell cytokine production. Journal of Leukocyte Biology, 1999, 66, 869-875.	3.3	10
84	Educating T cells: early events in the differentiation and commitment of cytokine-producing CD4 + and CD8 + T cells. Seminars in Immunopathology, 1999, 21, 231-248.	4.0	7
85	Cytokines: Principles and prospects. Immunology and Cell Biology, 1998, 76, 300-317.	2.3	148
86	Helper T cell subsets: Heterogeneity, functions and development. Veterinary Immunology and Immunopathology, 1998, 63, 37-44.	1.2	47
87	Distinct Methylation of the Interferon Î³ (IFN-Î³) and Interleukin 3 (IL-3) Genes in Newly Activated Primary CD8+ T Lymphocytes: Regional IFN-Î³ Promoter Demethylation and mRNA Expression Are Heritable in CD44highCD8+ T Cells. Journal of Experimental Medicine, 1998, 188, 103-117.	8.5	160
88	INDEPENDENT REGULATION OF CYTOKINE GENES IN T CELLS. Transplantation, 1998, 65, 1-5.	1.0	18
89	PERSISTENCE OF DONOR-REACTIVE CD4+ T CELLS IN LIVER AND SPLEEN OF RATS TOLERANT TO A LIVER ALLOGRAFT1. Transplantation, 1998, 66, 132-135.	1.0	19
90	A case report: Immune responses and clinical course of the first human use of granulocyte/macrophage-colony-stimulating-factor-transduced autologous melanoma cells for immunotherapy. Cancer Immunology, Immunotherapy, 1997, 44, 10-20.	4.2	101

#	Article	IF	Citations
91	Identification of the 70kD Heat Shock Cognate Protein (Hsc70) and Î±-Actinin-1 as Novel Phosphotyrosine-Containing Proteins in T Lymphocytes. Biochemical and Biophysical Research Communications, 1996, 224, 666-674.	2.1	30
92	Functionally distinct T cells in three compartments of the respiratory tract after influenza virus infection. European Journal of Immunology, 1996, 26, 2189-2197.	2.9	55
93	Differential activation of T cell cytokine production by the extracellular signal-regulated kinase (ERK) signaling pathway. European Journal of Immunology, 1996, 26, 2279-2285.	2.9	53
94	Evidence for the stochastic acquisition of cytokine profile by CD4+ T cells activated in a T helper type 2-like responsein vivo. European Journal of Immunology, 1995, 25, 1168-1175.	2.9	95
95	Th1 and Th2 subsets: paradigms lost?. Trends in Immunology, 1995, 16, 374-379.	7.5	473
96	Rapid establishment of a stable IL-4/IFN-Î³ production profile in the antigen-specific CD4+ T cell response to protein immunization. International Immunology, 1994, 6, 1515-1523.	4.0	22
97	The enigma of cytokine redundancy. Immunology and Cell Biology, 1994, 72, 97-101.	2.3	15
98	Lymphokine synthesis in vivo in an acute murine graft-versus-host reaction: mRNA and protein measurements in vivo and in vitro reveal marked differences between actual and potential lymphokine production levels. International Immunology, 1993, 5, 399-407.	4.0	10
99	Resistance of BALB/c mice to Leishmania major infection is associated with a decrease in the precursor frequency of antigen-specific CD4+ cells secreting interleukin-4. International Immunology, 1993, 5, 761-767.	4.0	18
100	Survival of the Myeloid Progenitor Cell Line FDC-P1 is Prolonged by Interferon-Î³ or Interleukin-4. Growth Factors, 1992, 6, 233-242.	1.7	3
101	Coordinate and Differential Regulation of GM-CSF and IL-3 Synthesis in Murine T Lymphocytes. Advances in Molecular and Cell Biology, 1992, , 99-132.	0.1	0
102	Survival of the Myeloid Progenitor Cell Line FDC-P1 is Prolonged by Interferon-Î³ or Interleukin-4. Growth Factors, 1992, 6, 233-242.	1.7	4
103	Quantitative analysis of lymphokine expression in vivo and in vitro. Immunology and Cell Biology, 1992, 70, 51-57.	2.3	19
104	Murine cytolytic CD8+ T cell clones generated in a high cloning efficiency, accessory cell-free culture system express a restricted lymphokine profile. Cellular Immunology, 1992, 141, 59-70.	3.0	10
105	Co-engagement of CD3 with LFA-1 or ICAM-1 adhesion molecules enhances the frequency of activation of single murine CD4+ and CD8+ T cells and induces synthesis of IL-3 and IFN-Î³ but not IL-4 or IL-6. International Immunology, 1992, 4, 475-485.	4.0	68
106	Heterogeneity in Lymphokine Profiles of CD4+and CD8+T Cells and Clones Activated in vivo and in vitro. Immunological Reviews, 1991, 123, 85-114.	6.0	128
107	High-frequency activation of single CD4+and CD8+ T cells to proliferate and secretecytokines using anti-receptor antibodiesand IL-21. International Immunology, 1991, 3, 255-264.	4.0	8
108	T Lymphocyte-Derived Colony-Stimulating Factors. Advances in Immunology, 1990, 48, 69-105.	2.2	38

#	Article	IF	Citations
109	Differential Inhibition by Cyclosporin A Reveals two Pathways for Activation of Lymphokine Synthesis in T Cells. Growth Factors, 1989, 1, 165-177.	1.7	16
110	GM-CSF Expression is Preferential to Multi-CSF (IL-3) Expression in Murine T Lymphocyte Clones. Growth Factors, 1989, 1, 287-298.	1.7	15
111	The role of CD4 in antigen-independent activation of isolated single T lymphocytes. Cellular Immunology, 1988, 116, 99-111.	3.0	3
112	Transgenic mice expressing a hemopoietic growth factor gene (GM-CSF) develop accumulations of macrophages, blindness, and a fatal syndrome of tissue damage. Cell, 1987, 51, 675-686.	28.9	377
113	Stimulator requirements for primed alloreactive T cells: Macrophages and dendritic cells activate T cells across all genetic disparities. Cellular Immunology, 1985, 91, 60-74.	3.0	19
114	Clonal heterogeneity in colony stimulating factor production by murine T lymphocytes. Journal of Cellular Physiology, 1985, 123, 101-110.	4.1	56
115	Molecular cloning of cDNA encoding a murine haematopoietic growth regulator, granulocyteâ€"macrophage colony stimulating factor. Nature, 1984, 309, 763-767.	27.8	453
116	Comparison of thymic and peripheral T cell Ly-2/3 antigens. European Journal of Immunology, 1984, 14, 906-910.	2.9	37
117	Cytolytic T lymphocyte responses to metabolically inactivated stimulator cells. Cellular Immunology, 1982, 67, 355-369.	3.0	3
118	Cytolytic T lymphocyte responses to metabolically inactivated stimulator cells. Cellular Immunology, 1982, 67, 370-383.	3.0	3
119	Clonal Heterogeneity in the Functional Requirement for Lyt-2/3 Molecules on Cytolytic T Lymphocytes (CTL): Possible Implications for the Affinity of CTL Antigen Receptors. Immunological Reviews, 1982, 68, 89-116.	6.0	199
120	Lymphokine Production by Cytolytic and Noncytolytic Alloreactive T Cell Clones. , 1982, , 341-354.		12