

Johan K Sandberg

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

6,390
citations

44
h-index

76
g-index

163
ext. papers

8,338
ext. citations

8.5
avg, IF

5.57
L-index

#	Paper	IF	Citations
153	Ancestral SARS-CoV-2-specific T cells cross-recognize the Omicron variant.. <i>Nature Medicine</i> , 2022 ,	50.5	59
152	NK cell frequencies, function and correlates to vaccine outcome in BNT162b2 mRNA anti-SARS-CoV-2 vaccinated healthy and immunocompromised individuals.. <i>Molecular Medicine</i> , 2022 , 28, 20	6.2	2
151	MAIT cell compartment characteristics are associated with the immune response magnitude to the BNT162b2 mRNA anti-SARS-CoV-2 vaccine.. <i>Molecular Medicine</i> , 2022 , 28, 54	6.2	0
150	MAIT cell counts are associated with the risk of hospitalization in COPD.. <i>Respiratory Research</i> , 2022 , 23, 127	7.3	0
149	COVID-19 specific metabolic imprint yields insights into multi organ-system perturbations. <i>European Journal of Immunology</i> , 2021 ,	6.1	1
148	Preserved Mucosal-Associated Invariant T-Cell Numbers and Function in Idiopathic CD4 Lymphocytopenia. <i>Journal of Infectious Diseases</i> , 2021 , 224, 715-725	7	1
147	Expansion of donor-unrestricted MAIT cells with enhanced cytolytic function suitable for TCR redirection. <i>JCI Insight</i> , 2021 , 6,	9.9	10
146	MAIT cell activation is associated with disease severity markers in acute hantavirus infection. <i>Cell Reports Medicine</i> , 2021 , 2, 100220	18	3
145	Divergent clonal differentiation trajectories establish CD8 memory T cell heterogeneity during acute viral infections in humans. <i>Cell Reports</i> , 2021 , 35, 109174	10.6	3
144	Emerging Role for MAIT Cells in Control of Antimicrobial Resistance. <i>Trends in Microbiology</i> , 2021 , 29, 504-516	12.4	9
143	Human MAIT cells endowed with HBV specificity are cytotoxic and migrate towards HBV-HCC while retaining antimicrobial functions. <i>JHEP Reports</i> , 2021 , 3, 100318	10.3	1
142	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	14
141	The Identity of Human Tissue-Emigrant CD8 T Cells. <i>Cell</i> , 2020 , 183, 1946-1961.e15	56.2	25
140	Opsonization-Enhanced Antigen Presentation by MR1 Activates Rapid Polyfunctional MAIT Cell Responses Acting as an Effector Arm of Humoral Antibacterial Immunity. <i>Journal of Immunology</i> , 2020 , 205, 67-77	5.3	4
139	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i> . <i>PLoS Biology</i> , 2020 , 18, e3000644	9.7	20
138	TOX is expressed by exhausted and polyfunctional human effector memory CD8 T cells. <i>Science Immunology</i> , 2020 , 5,	28	52
137	Plasma FABP4 is associated with liver disease recovery during treatment-induced clearance of chronic HCV infection. <i>Scientific Reports</i> , 2020 , 10, 2081	4.9	8

136	Dynamic MAIT cell response with progressively enhanced innateness during acute HIV-1 infection. <i>Nature Communications</i> , 2020 , 11, 272	17.4	18
135	MAIT cell activation and dynamics associated with COVID-19 disease severity. <i>Science Immunology</i> , 2020 , 5,	28	74
134	In Situ Detection of MAIT Cells and MR1-Expressing Cells in Tissue Biopsies Utilizing Immunohistochemistry. <i>Methods in Molecular Biology</i> , 2020 , 2098, 83-94	1.4	0
133	MR1-Restricted T Cells with MAIT-like Characteristics Are Functionally Conserved in the Pteropid Bat. <i>iScience</i> , 2020 , 23, 101876	6.1	5
132	Activated PD-1+ CD4+ T cells represent a short-lived part of the viral reservoir and predict poor immunologic recovery upon initiation of ART. <i>Aids</i> , 2020 , 34, 197-202	3.5	5
131	Robust T Cell Immunity in Convalescent Individuals with Asymptomatic or Mild COVID-19. <i>Cell</i> , 2020 , 183, 158-168.e14	56.2	955
130	Natural killer cell immunotypes related to COVID-19 disease severity. <i>Science Immunology</i> , 2020 , 5,	28	183
129	Quantification of Human MAIT Cell-Mediated Cellular Cytotoxicity and Antimicrobial Activity. <i>Methods in Molecular Biology</i> , 2020 , 2098, 149-165	1.4	3
128	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i> 2020 , 18, e3000644		
127	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i> 2020 , 18, e3000644		
126	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i> 2020 , 18, e3000644		
125	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i> 2020 , 18, e3000644		
124	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i> 2020 , 18, e3000644		
123	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i> 2020 , 18, e3000644		
122	The viral protein corona directs viral pathogenesis and amyloid aggregation. <i>Nature Communications</i> , 2019 , 10, 2331	17.4	103
121	Mucosal-associated invariant T cells and oral microbiome in persistent apical periodontitis. <i>International Journal of Oral Science</i> , 2019 , 11, 16	27.9	9
120	Chronic hepatitis delta virus infection leads to functional impairment and severe loss of MAIT cells. <i>Journal of Hepatology</i> , 2019 , 71, 301-312	13.4	34
119	Recruitment of MAIT Cells to the Intervillous Space of the Placenta by Placenta-Derived Chemokines. <i>Frontiers in Immunology</i> , 2019 , 10, 1300	8.4	14

118	MAIT Cells Are Major Contributors to the Cytokine Response in Group A Streptococcal Toxic Shock Syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 25923-25931	11.5	20
117	Terminal Effector CD8 T Cells Defined by an IKZF2IL-7R Transcriptional Signature Express FcR11A, Expand in HIV Infection, and Mediate Potent HIV-Specific Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Immunology</i> , 2019 , 203, 2210-2221	5.3	13
116	Tissue-resident MAIT cell populations in human oral mucosa exhibit an activated profile and produce IL-17. <i>European Journal of Immunology</i> , 2019 , 49, 133-143	6.1	48
115	IL13R α expression identifies tissue-resident IL-22-producing PLZF innate T cells in the human liver. <i>European Journal of Immunology</i> , 2018 , 48, 1329-1335	6.1	5
114	OMIP-046: Characterization of invariant T cell subset activation in humans. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018 , 93, 499-503	4.6	3
113	IL-7 treatment supports CD8+ mucosa-associated invariant T-cell restoration in HIV-1-infected patients on antiretroviral therapy. <i>Aids</i> , 2018 , 32, 825-828	3.5	18
112	Factors Influencing Functional Heterogeneity in Human Mucosa-Associated Invariant T Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 1602	8.4	14
111	Proteome analysis of human CD56 NK cells reveals a homogeneous phenotype surprisingly similar to CD56 NK cells. <i>European Journal of Immunology</i> , 2018 , 48, 1456-1469	6.1	23
110	Severely Impaired Control of Bacterial Infections in a Patient With Cystic Fibrosis Defective in Mucosal-Associated Invariant T Cells. <i>Chest</i> , 2018 , 153, e93-e96	5.3	22
109	Breadth and Dynamics of HLA-A2- and HLA-B7-Restricted CD8 T Cell Responses against Nonstructural Viral Proteins in Acute Human Tick-Borne Encephalitis Virus Infection. <i>ImmunoHorizons</i> , 2018 , 2, 172-184	2.7	4
108	The CD4CD8 MAIT cell subpopulation is a functionally distinct subset developmentally related to the main CD8 MAIT cell pool. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11513-E11522	11.5	86
107	Cell-Mediated Immune Responses and Immunopathogenesis of Human Tick-Borne Encephalitis Virus-Infection. <i>Frontiers in Immunology</i> , 2018 , 9, 2174	8.4	13
106	Identification and characterization of HIV-specific resident memory CD8 T cells in human lymphoid tissue. <i>Science Immunology</i> , 2018 , 3,	2.8	82
105	Limited immune surveillance in lymphoid tissue by cytolytic CD4+ T cells during health and HIV disease. <i>PLoS Pathogens</i> , 2018 , 14, e1006973	7.6	23
104	MAIT cells reside in the female genital mucosa and are biased towards IL-17 and IL-22 production in response to bacterial stimulation. <i>Mucosal Immunology</i> , 2017 , 10, 35-45	9.2	127
103	CD56 NK IL-7R α expression negatively associates with HCV level, and IL-7-induced NK function is impaired during HCV and HIV infections. <i>Journal of Leukocyte Biology</i> , 2017 , 102, 171-184	6.5	12
102	Vitamin D treatment modulates immune activation in cystic fibrosis. <i>Clinical and Experimental Immunology</i> , 2017 , 189, 359-371	6.2	35
101	Clinical impact of vitamin D treatment in cystic fibrosis: a pilot randomized, controlled trial. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 203-205	5.2	23

100	Multiple layers of heterogeneity and subset diversity in human MAIT cell responses to distinct microorganisms and to innate cytokines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E5434-E5443	11.5	130
99	Extensive Phenotypic Analysis, Transcription Factor Profiling, and Effector Cytokine Production of Human MAIT Cells by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2017 , 1514, 241-256	1.4	20
98	Cytomegalovirus-Driven Adaptive-Like Natural Killer Cell Expansions Are Unaffected by Concurrent Chronic Hepatitis Virus Infections. <i>Frontiers in Immunology</i> , 2017 , 8, 525	8.4	19
97	Bacterial deception of MAIT cells in a cloud of superantigen and cytokines. <i>PLoS Biology</i> , 2017 , 15, e2003167	3.7	15
96	Loss of Circulating Mucosal-Associated Invariant T Cells in Common Variable Immunodeficiency Is Associated with Immune Activation and Loss of Eomes and PLZF. <i>ImmunoHorizons</i> , 2017 , 1, 142-155	2.7	6
95	Brief Report: CD14 ^{bright} CD16 ⁻ monocytes and sCD14 level negatively associate with CD4-memory T-cell frequency and predict HCV-decline on therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 73, 258-262	3.1	3
94	Sex and Urbanicity Contribute to Variation in Lymphocyte Distribution across Ugandan Populations. <i>PLoS ONE</i> , 2016 , 11, e0146196	3.7	5
93	Elevated levels of invariant natural killer T-cell and natural killer cell activation correlate with disease progression in HIV-1 and HIV-2 infections. <i>Aids</i> , 2016 , 30, 1713-22	3.5	20
92	Brief Report: Differential Associations of Interleukin 6 and Intestinal Fatty Acid-Binding Protein With Progressive Untreated HIV-1 Infection in Rakai, Uganda. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 72, 15-20	3.1	10
91	Human MAIT-cell responses to <i>Escherichia coli</i> : activation, cytokine production, proliferation, and cytotoxicity. <i>Journal of Leukocyte Biology</i> , 2016 , 100, 233-40	6.5	70
90	Nonreversible MAIT cell-dysfunction in chronic hepatitis C virus infection despite successful interferon-free therapy. <i>European Journal of Immunology</i> , 2016 , 46, 2204-10	6.1	102
89	Innate Invariant NKT Cell Recognition of HIV-1-Infected Dendritic Cells Is an Early Detection Mechanism Targeted by Viral Immune Evasion. <i>Journal of Immunology</i> , 2016 , 197, 1843-51	5.3	14
88	HIV Type 1 Disease Progression to AIDS and Death in a Rural Ugandan Cohort Is Primarily Dependent on Viral Load Despite Variable Subtype and T-Cell Immune Activation Levels. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1574-84	7	14
87	Specificity and dynamics of effector and memory CD8 T cell responses in human tick-borne encephalitis virus infection. <i>PLoS Pathogens</i> , 2015 , 11, e1004622	7.6	25
86	Effects of HDV infection and pegylated interferon α treatment on the natural killer cell compartment in chronically infected individuals. <i>Gut</i> , 2015 , 64, 469-82	19.2	39
85	The Human NK Cell Response to Yellow Fever Virus 17D Is Primarily Governed by NK Cell Differentiation Independently of NK Cell Education. <i>Journal of Immunology</i> , 2015 , 195, 3262-72	5.3	41
84	Involvement of a C-terminal motif in the interference of primate lentiviral Vpu proteins with CD1d-mediated antigen presentation. <i>Scientific Reports</i> , 2015 , 5, 9675	4.9	12
83	Arming of MAIT Cell Cytolytic Antimicrobial Activity Is Induced by IL-7 and Defective in HIV-1 Infection. <i>PLoS Pathogens</i> , 2015 , 11, e1005072	7.6	141

82	Compromised function of natural killer cells in acute and chronic viral hepatitis. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1362-73	7	80
81	Acquisition of innate-like microbial reactivity in mucosal tissues during human fetal MAIT-cell development. <i>Nature Communications</i> , 2014 , 5, 3143	17.4	148
80	Invariant natural killer T cells developing in the human fetus accumulate and mature in the small intestine. <i>Mucosal Immunology</i> , 2014 , 7, 1233-43	9.2	32
79	Invariant natural killer T cells in patients with common variable immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 989-90	11.5	3
78	Exosomes from breast milk inhibit HIV-1 infection of dendritic cells and subsequent viral transfer to CD4+ T cells. <i>Aids</i> , 2014 , 28, 171-80	3.5	102
77	The dynamic relationship between innate immune biomarkers and interferon-based treatment effects and outcome in hepatitis C virus infection is altered by telaprevir. <i>PLoS ONE</i> , 2014 , 9, e105665	3.7	7
76	Expression of MAIT Cells in Blood and Genital Mucosa of HIV Infected and Uninfected Women. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, A47-A48	1.6	2
75	Impaired natural killer cell responses are associated with loss of the highly activated NKG2A(+)/CD57(+)/CD56(dim) subset in HIV-1 subtype D infection in Uganda. <i>Aids</i> , 2014 , 28, 1273-8	3.5	10
74	Persistent Immune Activation in CVID and the Role of IVIg in Its Suppression. <i>Frontiers in Immunology</i> , 2014 , 5, 637	8.4	25
73	Technical advance. Measurement of iNKT cell responses at the single-cell level against rare HIV-1-infected dendritic cells in a mixed culture. <i>Journal of Leukocyte Biology</i> , 2013 , 93, 449-55	6.5	3
72	Temporal dynamics of the primary human T cell response to yellow fever virus 17D as it matures from an effector- to a memory-type response. <i>Journal of Immunology</i> , 2013 , 190, 2150-8	5.3	80
71	Soluble biomarkers of HIV transmission, disease progression and comorbidities. <i>Current Opinion in HIV and AIDS</i> , 2013 , 8, 117-24	4.2	53
70	Activation, exhaustion, and persistent decline of the antimicrobial MR1-restricted MAIT-cell population in chronic HIV-1 infection. <i>Blood</i> , 2013 , 121, 1124-35	2.2	264
69	Dysregulated CD1 profile in myeloid dendritic cells in CVID is normalized by IVIg treatment. <i>Blood</i> , 2013 , 121, 4963-4	2.2	12
68	Will loss of your MAITs weaken your HAART [corrected]?. <i>Aids</i> , 2013 , 27, 2501-4	3.5	17
67	Differential loss of invariant natural killer T cells and FoxP3+ regulatory T cells in HIV-1 subtype A and subtype D infections. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013 , 63, 289-93	3.1	4
66	IVIg immune reconstitution treatment alleviates the state of persistent immune activation and suppressed CD4 T cell counts in CVID. <i>PLoS ONE</i> , 2013 , 8, e75199	3.7	39
65	Baseline levels of soluble CD14 and CD16+56- natural killer cells are negatively associated with response to interferon/ribavirin therapy during HCV-HIV-1 coinfection. <i>Journal of Infectious Diseases</i> , 2012 , 206, 969-73	7	15

64	Contact-dependent interference with invariant NKT cell activation by herpes simplex virus-infected cells. <i>Journal of Immunology</i> , 2012 , 188, 6216-24	5.3	15
63	Single-cell level response of HIV-specific and cytomegalovirus-specific CD4 T cells correlate with viral control in chronic HIV-1 subtype A infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012 , 61, 9-18	3.1	5
62	HIV-1 Vpu interference with innate cell-mediated immune mechanisms. <i>Current HIV Research</i> , 2012 , 10, 327-33	1.3	17
61	Rebound of residual plasma viremia after initial decrease following addition of intravenous immunoglobulin to effective antiretroviral treatment of HIV. <i>AIDS Research and Therapy</i> , 2011 , 8, 21	3	9
60	NKG2D performs two functions in invariant NKT cells: direct TCR-independent activation of NK-like cytotoxicity and co-stimulation of activation by CD1d. <i>European Journal of Immunology</i> , 2011 , 41, 1913-23	6.1	83
59	Human immunodeficiency virus type 1 infection is associated with increased NK cell polyfunctionality and higher levels of KIR3DL1+ NK cells in Ugandans carrying the HLA-B Bw4 motif. <i>Journal of Virology</i> , 2011 , 85, 4802-11	6.6	12
58	Innate and adaptive immune responses both contribute to pathological CD4 T cell activation in HIV-1 infected Ugandans. <i>PLoS ONE</i> , 2011 , 6, e18779	3.7	33
57	Quality monitoring of HIV-1-infected and uninfected peripheral blood mononuclear cell samples in a resource-limited setting. <i>Vaccine Journal</i> , 2010 , 17, 910-8		18
56	Chronic immune activation in the T cell compartment of HCV/HIV-1 co-infected patients. <i>Virulence</i> , 2010 , 1, 177-9	4.7	21
55	CD56 negative NK cells: origin, function, and role in chronic viral disease. <i>Trends in Immunology</i> , 2010 , 31, 401-6	14.4	161
54	Inhibition of lipid antigen presentation in dendritic cells by HIV-1 Vpu interference with CD1d recycling from endosomal compartments. <i>Blood</i> , 2010 , 116, 1876-84	2.2	96
53	Innate immunity and chronic immune activation in HCV/HIV-1 co-infection. <i>Clinical Immunology</i> , 2010 , 135, 12-25	9	44
52	Analysis of the KIR repertoire in human NK cells by flow cytometry. <i>Methods in Molecular Biology</i> , 2010 , 612, 353-64	1.4	22
51	Expansion of functionally skewed CD56-negative NK cells in chronic hepatitis C virus infection: correlation with outcome of pegylated IFN-alpha and ribavirin treatment. <i>Journal of Immunology</i> , 2009 , 183, 6612-8	5.3	104
50	High levels of chronic immune activation in the T-cell compartments of patients coinfecting with hepatitis C virus and human immunodeficiency virus type 1 and on highly active antiretroviral therapy are reverted by alpha interferon and ribavirin treatment. <i>Journal of Virology</i> , 2009 , 83, 11407-11	6.6	122
49	Severe functional impairment and elevated PD-1 expression in CD1d-restricted NKT cells retained during chronic HIV-1 infection. <i>European Journal of Immunology</i> , 2009 , 39, 902-11	6.1	79
48	IL-18 skews the invariant NKT-cell population via autoreactive activation in atopic eczema. <i>European Journal of Immunology</i> , 2009 , 39, 2293-301	6.1	29
47	Reduction of the HIV-1 reservoir in resting CD4+ T-lymphocytes by high dosage intravenous immunoglobulin treatment: a proof-of-concept study. <i>AIDS Research and Therapy</i> , 2009 , 6, 15	3	26

46	HCV/HIV co-infection at a large HIV outpatient clinic in Sweden: feasibility and results of hepatitis C treatment. <i>Scandinavian Journal of Infectious Diseases</i> , 2009 , 41, 881-5		3
45	Lower cytokine secretion ex vivo by natural killer T cells in HIV-infected individuals is associated with higher CD161 expression. <i>Aids</i> , 2009 , 23, 1965-70	3.5	33
44	Elevated natural killer cell activity despite altered functional and phenotypic profile in Ugandans with HIV-1 clade A or clade D infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2009 , 51, 380-9	3.1	40
43	Expansion of CD56- NK cells in chronic HCV/HIV-1 co-infection: reversion by antiviral treatment with pegylated IFNalpha and ribavirin. <i>Clinical Immunology</i> , 2008 , 128, 46-56	9	55
42	Application of nine-color flow cytometry for detailed studies of the phenotypic complexity and functional heterogeneity of human lymphocyte subsets. <i>Journal of Immunological Methods</i> , 2008 , 330, 64-74	2.5	27
41	Spontaneous HCV clearance in HCV/HIV-1 coinfection associated with normalized CD4 counts, low level of chronic immune activation and high level of T cell function. <i>Journal of Clinical Virology</i> , 2008 , 41, 160-3	14.5	28
40	Elevated numbers of Fc gamma RIIIA+ (CD16+) effector CD8 T cells with NK cell-like function in chronic hepatitis C virus infection. <i>Journal of Immunology</i> , 2008 , 181, 4219-28	5.3	45
39	IgG regulates the CD1 expression profile and lipid antigen-presenting function in human dendritic cells via FcgammaRIIIa. <i>Blood</i> , 2008 , 111, 5037-46	2.2	43
38	Individuals with pulmonary tuberculosis have lower levels of circulating CD1d-restricted NKT cells. <i>Journal of Infectious Diseases</i> , 2007 , 195, 1361-4	7	51
37	Effects of Interleukin-2 Treatment on CD1d-Restricted Natural Killer T Cells. <i>Clinical Cancer Research</i> , 2007 , 13, 4311.1-4311	12.9	0
36	Effects of interleukin-2 treatment on CD1d-restricted natural killer T cells. <i>Clinical Cancer Research</i> , 2007 , 13, 4311; author reply 4311-2	12.9	
35	CXCR5+ CCR7- CD8 T cells are early effector memory cells that infiltrate tonsil B cell follicles. <i>European Journal of Immunology</i> , 2007 , 37, 3352-62	6.1	112
34	CD8 T cell effector maturation in HIV-1-infected children. <i>Virology</i> , 2006 , 347, 117-26	3.6	11
33	Detection of macaque perforin expression and release by flow cytometry, immunohistochemistry, ELISA, and ELISpot. <i>Journal of Immunological Methods</i> , 2006 , 312, 45-53	2.5	5
32	Perforin expression in the gastrointestinal mucosa is limited to acute simian immunodeficiency virus infection. <i>Journal of Virology</i> , 2006 , 80, 3083-7	6.6	20
31	Expansion of CD1d-restricted NKT cells in patients with primary HIV-1 infection treated with interleukin-2. <i>Blood</i> , 2006 , 107, 3081-3	2.2	49
30	Development and function of CD1d-restricted NKT cells: influence of sphingolipids, SAP and sex. <i>Trends in Immunology</i> , 2005 , 26, 347-9	14.4	26
29	Higher frequency of HIV-1-specific T cell immune responses in African American children vertically infected with HIV-1. <i>Journal of Infectious Diseases</i> , 2005 , 192, 1772-80	7	11

28	Abundant expression of granzyme A, but not perforin, in granules of CD8+ T cells in GALT: implications for immune control of HIV-1 infection. <i>Journal of Immunology</i> , 2004 , 173, 641-8	5.3	56
27	Development of innate CD4+ alpha-chain variable gene segment 24 (Valpha24) natural killer T cells in the early human fetal thymus is regulated by IL-7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 7058-63	11.5	57
26	Expansion of CD7(low) and CD7(negative) CD8 T-cell effector subsets in HIV-1 infection: correlation with antigenic load and reversion by antiretroviral treatment. <i>Blood</i> , 2004 , 104, 3672-8	2.2	28
25	CD7 is a differentiation marker that identifies multiple CD8 T cell effector subsets. <i>Journal of Immunology</i> , 2003 , 170, 2349-55	5.3	47
24	New observations on CD8 cell responses. <i>Aids</i> , 2003 , 17 Suppl 4, S61-5	3.5	2
23	Dominant effector memory characteristics, capacity for dynamic adaptive expansion, and sex bias in the innate Valpha24 NKT cell compartment. <i>European Journal of Immunology</i> , 2003 , 33, 588-96	6.1	73
22	Trafficking of human immunodeficiency virus type 1-specific CD8+ T cells to gut-associated lymphoid tissue during chronic infection. <i>Journal of Virology</i> , 2003 , 77, 5621-31	6.6	67
21	HIV-specific CD8+ T cell function in children with vertically acquired HIV-1 infection is critically influenced by age and the state of the CD4+ T cell compartment. <i>Journal of Immunology</i> , 2003 , 170, 4403-10	5.3	54
20	Generation of CD3+CD8low thymocytes in the HIV type 1-infected thymus. <i>Journal of Immunology</i> , 2002 , 169, 2788-96	5.3	36
19	Selective loss of innate CD4(+) V alpha 24 natural killer T cells in human immunodeficiency virus infection. <i>Journal of Virology</i> , 2002 , 76, 7528-34	6.6	131
18	A structural basis for LCMV immune evasion: subversion of H-2D(b) and H-2K(b) presentation of gp33 revealed by comparative crystal structure. <i>Analyses. Immunity</i> , 2002 , 17, 757-68	32.3	38
17	Functional heterogeneity of cytokines and cytolytic effector molecules in human CD8+ T lymphocytes. <i>Journal of Immunology</i> , 2001 , 167, 181-7	5.3	127
16	T cell tolerance based on avidity thresholds rather than complete deletion allows maintenance of maximal repertoire diversity. <i>Journal of Immunology</i> , 2000 , 165, 25-33	5.3	66
15	CD8+ T cells rapidly acquire NK1.1 and NK cell-associated molecules upon stimulation in vitro and in vivo. <i>Journal of Immunology</i> , 2000 , 165, 3673-9	5.3	123
14	Recognition of the major histocompatibility complex restriction element modulates CD8(+) T cell specificity and compensates for loss of T cell receptor contacts with the specific peptide. <i>Journal of Experimental Medicine</i> , 1999 , 189, 883-94	16.6	13
13	T cell competition for the antigen-presenting cell as a model for immunodominance in the cytotoxic T lymphocyte response against minor histocompatibility antigens. <i>European Journal of Immunology</i> , 1999 , 29, 2197-204	6.1	60
12	Immunization with dendritic cells breaks immunodominance in CTL responses against minor histocompatibility and synthetic peptide antigens. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 268-71	6.5	16
11	Reactivity and specificity of CD8+ T cells in mice with defects in the MHC class I antigen-presenting pathway. <i>Immunological Reviews</i> , 1996 , 151, 123-48	11.3	27

10	TAP1-deficient mice select a CD8+ T cell repertoire that displays both diversity and peptide specificity. <i>European Journal of Immunology</i> , 1996 , 26, 288-93	6.1	39
9	Ancestral SARS-CoV-2-specific T cells cross-recognize Omicron. <i>Nature Medicine</i> ,	50.5	0
8	Clonally distinct differentiation trajectories shape CD8+ memory T cell heterogeneity after acute viral infections in humans		1
7	HCV/HIV co-infection at a large HIV outpatient clinic in Sweden: Feasibility and results of hepatitis C treatment. <i>Scandinavian Journal of Infectious Diseases</i> ,1-5		2
6	Human MAIT cell cytolytic effector proteins synergize to overcome carbapenem resistance in <i>Escherichia coli</i>		1
5	Robust T cell immunity in convalescent individuals with asymptomatic or mild COVID-19		85
4	Natural killer cell activation related to clinical outcome of COVID-19		5
3	MAIT cell activation and dynamics associated with COVID-19 disease severity and outcome		9
2	The Viral Protein Corona Directs Viral Pathogenesis and Amyloid Aggregation		2
1	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19		1