

# Katherine Kedzierska

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/546228/katherine-kedzierska-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

211  
papers

11,249  
citations

53  
h-index

101  
g-index

242  
ext. papers

14,760  
ext. citations

10.1  
avg, IF

6.35  
L-index

#	Paper	IF	Citations
211	A serological assay to detect SARS-CoV-2 seroconversion in humans. <i>Nature Medicine</i> , <b>2020</b> , 26, 1033-1036	36.5	1111
210	Breadth of concomitant immune responses prior to patient recovery: a case report of non-severe COVID-19. <i>Nature Medicine</i> , <b>2020</b> , 26, 453-455	50.5	683
209	Influenza. <i>Nature Reviews Disease Primers</i> , <b>2018</b> , 4, 3	51.1	437
208	Antigen-loaded MR1 tetramers define T cell receptor heterogeneity in mucosal-associated invariant T cells. <i>Journal of Experimental Medicine</i> , <b>2013</b> , 210, 2305-20	16.6	379
207	Quantifiable predictive features define epitope-specific T cell receptor repertoires. <i>Nature</i> , <b>2017</b> , 547, 89-93	50.4	367
206	A question of self-preservation: immunopathology in influenza virus infection. <i>Immunology and Cell Biology</i> , <b>2007</b> , 85, 85-92	5	355
205	Cytokines and HIV-1: interactions and clinical implications. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2001</b> , 12, 133-50	3.5	225
204	Early hypercytokinemia is associated with interferon-induced transmembrane protein-3 dysfunction and predictive of fatal H7N9 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 769-74	11.5	205
203	VDJdb: a curated database of T-cell receptor sequences with known antigen specificity. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, D419-D427	20.1	183
202	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. <i>Nature Immunology</i> , <b>2016</b> , 17, 1300-1311	19.1	183
201	Human mucosal-associated invariant T cells contribute to antiviral influenza immunity via IL-18-dependent activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 10133-8	11.5	173
200	Recovery from severe H7N9 disease is associated with diverse response mechanisms dominated by CD8+ T cells. <i>Nature Communications</i> , <b>2015</b> , 6, 6833	17.4	168
199	The role of monocytes and macrophages in the pathogenesis of HIV-1 infection. <i>Current Medicinal Chemistry</i> , <b>2002</b> , 9, 1893-903	4.3	159
198	Methods for comparing the diversity of samples of the T cell receptor repertoire. <i>Journal of Immunological Methods</i> , <b>2007</b> , 321, 182-95	2.5	148
197	Leishmaniasis: current treatment and prospects for new drugs and vaccines. <i>Current Medicinal Chemistry</i> , <b>2009</b> , 16, 599-614	4.3	144
196	The influence of cytokines, chemokines and their receptors on HIV-1 replication in monocytes and macrophages. <i>Reviews in Medical Virology</i> , <b>2003</b> , 13, 39-56	11.7	144
195	A virus-specific CD8+ T cell immunodominance hierarchy determined by antigen dose and precursor frequencies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 994-9	11.5	139

194	Cross-reactive CD8+ T-cell immunity between the pandemic H1N1-2009 and H1N1-1918 influenza A viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 12599-604	11.5	134
193	Primary CTL response magnitude in mice is determined by the extent of naive T cell recruitment and subsequent clonal expansion. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 1885-94	15.9	129
192	Resident memory CD8 T cells in the upper respiratory tract prevent pulmonary influenza virus infection. <i>Science Immunology</i> , <b>2017</b> , 2,	28	127
191	Back to the Future: Lessons Learned From the 1918 Influenza Pandemic. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 343	5.9	125
190	Conserved T cell receptor usage in primary and recall responses to an immunodominant influenza virus nucleoprotein epitope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 4942-7	11.5	123
189	Lack of prominent peptide-major histocompatibility complex features limits repertoire diversity in virus-specific CD8+ T cell populations. <i>Nature Immunology</i> , <b>2005</b> , 6, 382-9	19.1	123
188	Sharing of T cell receptors in antigen-specific responses is driven by convergent recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 18691-6	11.5	122
187	Preexisting CD8+ T-cell immunity to the H7N9 influenza A virus varies across ethnicities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 1049-54	11.5	119
186	Circulating T cells, serological memory, and tissue compartmentalization shape human influenza-specific B cell immunity. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	117
185	A serological assay to detect SARS-CoV-2 seroconversion in humans <b>2020</b> ,		112
184	Human CD8 T cell cross-reactivity across influenza A, B and C viruses. <i>Nature Immunology</i> , <b>2019</b> , 20, 613-625	12.5	109
183	Age-Related Decline in Primary CD8 T Cell Responses Is Associated with the Development of Senescence in Virtual Memory CD8 T Cells. <i>Cell Reports</i> , <b>2018</b> , 23, 3512-3524	10.6	107
182	Proinsulin-specific, HLA-DQ8, and HLA-DQ8-transdimer-restricted CD4+ T cells infiltrate islets in type 1 diabetes. <i>Diabetes</i> , <b>2015</b> , 64, 172-82	0.9	104
181	MAIT cells contribute to protection against lethal influenza infection in vivo. <i>Nature Communications</i> , <b>2018</b> , 9, 4706	17.4	103
180	Influenza-specific lung-resident memory T cells are proliferative and polyfunctional and maintain diverse TCR profiles. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 721-733	15.9	99
179	Defective phagocytosis by human monocyte/macrophages following HIV-1 infection: underlying mechanisms and modulation by adjunctive cytokine therapy. <i>Journal of Clinical Virology</i> , <b>2003</b> , 26, 247-63	14.5	93
178	Suboptimal SARS-CoV-2-specific CD8 T cell response associated with the prominent HLA-A*02:01 phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 24384-24391	11.5	92
177	Linking the T cell receptor to the single cell transcriptome in antigen-specific human T cells. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 604-11	5	91

176	DYNAMICS OF HUMAN MUCOSAL-ASSOCIATED INVARIANT T CELL REPERTOIRES ACROSS THE HUMAN LIFE SPAN. <i>Innovation in Aging</i> , <b>2019</b> , 3, S769-S769	0.1	78
175	Early establishment of diverse T cell receptor profiles for influenza-specific CD8(+)/CD62L(hi) memory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 9184-9	11.5	74
174	Transendothelial migration of monocytes: the underlying molecular mechanisms and consequences of HIV-1 infection. <i>Current HIV Research</i> , <b>2005</b> , 3, 303-17	1.3	71
173	Nucleoprotein of influenza A virus is a major target of immunodominant CD8+ T-cell responses. <i>Immunology and Cell Biology</i> , <b>2013</b> , 91, 184-94	5	70
172	Heterogeneity of effector phenotype for acute phase and memory influenza A virus-specific CTL. <i>Journal of Immunology</i> , <b>2007</b> , 179, 64-70	5.3	70
171	Clonally diverse CD38HLA-DR/CD8 T cells persist during fatal H7N9 disease. <i>Nature Communications</i> , <b>2018</b> , 9, 824	17.4	69
170	HIV-1 down-modulates gamma signaling chain of Fc gamma R in human macrophages: a possible mechanism for inhibition of phagocytosis. <i>Journal of Immunology</i> , <b>2002</b> , 168, 2895-903	5.3	69
169	Molecular basis for universal HLA-A*0201-restricted CD8+ T-cell immunity against influenza viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 4440-5	11.5	68
168	Intranasal lipopeptide primes lung-resident memory CD8+ T cells for long-term pulmonary protection against influenza. <i>European Journal of Immunology</i> , <b>2006</b> , 36, 770-8	6.1	64
167	Quantification of repertoire diversity of influenza-specific epitopes with predominant public or private TCR usage. <i>Journal of Immunology</i> , <b>2006</b> , 177, 6705-12	5.3	61
166	Systematic identification of immunodominant CD8+ T-cell responses to influenza A virus in HLA-A2 individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 9178-83	11.5	59
165	Knowns and unknowns of influenza B viruses. <i>Future Microbiology</i> , <b>2016</b> , 11, 119-35	2.9	58
164	Method for assessing the similarity between subsets of the T cell receptor repertoire. <i>Journal of Immunological Methods</i> , <b>2008</b> , 329, 67-80	2.5	58
163	Granulocyte-macrophage colony-stimulating factor augments phagocytosis of Mycobacterium avium complex by human immunodeficiency virus type 1-infected monocytes/macrophages in vitro and in vivo. <i>Journal of Infectious Diseases</i> , <b>2000</b> , 181, 390-4	7	58
162	Immune responses to SARS-CoV-2 in three children of parents with symptomatic COVID-19. <i>Nature Communications</i> , <b>2020</b> , 11, 5703	17.4	58
161	Adoptive cellular therapy with T cells expressing the dendritic cell growth factor Flt3L drives epitope spreading and antitumor immunity. <i>Nature Immunology</i> , <b>2020</b> , 21, 914-926	19.1	53
160	Human influenza viruses and CD8(+) T cell responses. <i>Current Opinion in Virology</i> , <b>2016</b> , 16, 132-142	7.5	53
159	Cross-reactive influenza-specific antibody-dependent cellular cytotoxicity in intravenous immunoglobulin as a potential therapeutic against emerging influenza viruses. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 210, 1811-22	7	53

158	Immunity to seasonal and pandemic influenza A viruses. <i>Microbes and Infection</i> , <b>2011</b> , 13, 489-501	9.3	53
157	Protective efficacy of cross-reactive CD8+ T cells recognising mutant viral epitopes depends on peptide-MHC-I structural interactions and T cell activation threshold. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1001039 <sup>7.6</sup>	7.6	52
156	Contribution of T cell receptor affinity to overall avidity for virus-specific CD8+ T cell responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 11432-7	11.5	52
155	Enumeration, functional responses and cytotoxic capacity of MAIT cells in newly diagnosed and relapsed multiple myeloma. <i>Scientific Reports</i> , <b>2018</b> , 8, 4159	4.9	51
154	Early priming minimizes the age-related immune compromise of CD8+ T cell diversity and function. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002544	7.6	51
153	Functional implications of T cell receptor diversity. <i>Current Opinion in Immunology</i> , <b>2009</b> , 21, 286-90	7.8	50
152	Innate and adaptive T cells in influenza disease. <i>Frontiers of Medicine</i> , <b>2018</b> , 12, 34-47	12	48
151	Establishment and recall of CD8+ T-cell memory in a model of localized transient infection. <i>Immunological Reviews</i> , <b>2006</b> , 211, 133-45	11.3	48
150	Integrated immune dynamics define correlates of COVID-19 severity and antibody responses. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100208	18	46
149	RIPLET, and not TRIM25, is required for endogenous RIG-I-dependent antiviral responses. <i>Immunology and Cell Biology</i> , <b>2019</b> , 97, 840-852	5	45
148	Cell cycle-related acquisition of cytotoxic mediators defines the progressive differentiation to effector status for virus-specific CD8+ T cells. <i>Journal of Immunology</i> , <b>2008</b> , 181, 3818-22	5.3	45
147	Location rather than CD62L phenotype is critical in the early establishment of influenza-specific CD8+ T cell memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 9782-7	11.5	45
146	Suppressor of cytokine signaling (SOCS)5 ameliorates influenza infection via inhibition of EGFR signaling. <i>ELife</i> , <b>2017</b> , 6,	8.9	45
145	Cross-lineage protection by human antibodies binding the influenza B hemagglutinin. <i>Nature Communications</i> , <b>2019</b> , 10, 324	17.4	43
144	Acute emergence and reversion of influenza A virus quasispecies within CD8+ T cell antigenic peptides. <i>Nature Communications</i> , <b>2013</b> , 4, 2663	17.4	42
143	Antiretroviral compounds: mechanisms underlying failure of HAART to eradicate HIV-1. <i>Current Medicinal Chemistry</i> , <b>2005</b> , 12, 1705-19	4.3	42
142	Systems serology detects functionally distinct coronavirus antibody features in children and elderly. <i>Nature Communications</i> , <b>2021</b> , 12, 2037	17.4	42
141	Granulocyte-macrophage colony-stimulating factor inhibits HIV-1 replication in monocyte-derived macrophages. <i>Aids</i> , <b>2000</b> , 14, 1739-48	3.5	41

140	Single-Cell Approach to Influenza-Specific CD8 T Cell Receptor Repertoires Across Different Age Groups, Tissues, and Following Influenza Virus Infection. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1453	8.4	40
139	Recalling the Future: Immunological Memory Toward Unpredictable Influenza Viruses. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1400	8.4	40
138	Tracking phenotypically and functionally distinct T cell subsets via T cell repertoire diversity. <i>Molecular Immunology</i> , <b>2008</b> , 45, 607-18	4.3	40
137	The context of epitope presentation can influence functional quality of recalled influenza A virus-specific memory CD8+ T cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 2187-94	5.3	40
136	Suppressor of cytokine signaling 4 (SOCS4) protects against severe cytokine storm and enhances viral clearance during influenza infection. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004134	7.6	38
135	Universal immunity to influenza must outwit immune evasion. <i>Frontiers in Microbiology</i> , <b>2014</b> , 5, 285	5.7	38
134	DX5/CD49b-positive T cells are not synonymous with CD1d-dependent NKT cells. <i>Journal of Immunology</i> , <b>2005</b> , 175, 4416-25	5.3	38
133	Characterization of CD8+ T cell repertoire diversity and persistence in the influenza A virus model of localized, transient infection. <i>Seminars in Immunology</i> , <b>2004</b> , 16, 179-84	10.7	36
132	With a Little Help from T Follicular Helper Friends: Humoral Immunity to Influenza Vaccination. <i>Journal of Immunology</i> , <b>2019</b> , 202, 360-367	5.3	36
131	Atypical B cells are part of an alternative lineage of B cells that participates in responses to vaccination and infection in humans. <i>Cell Reports</i> , <b>2021</b> , 34, 108684	10.6	36
130	Recognition of distinct cross-reactive virus-specific CD8+ T cells reveals a unique TCR signature in a clinical setting. <i>Journal of Immunology</i> , <b>2014</b> , 192, 5039-49	5.3	34
129	CD8 T cells specific for an immunodominant SARS-CoV-2 nucleocapsid epitope display high naive precursor frequency and TCR promiscuity. <i>Immunity</i> , <b>2021</b> , 54, 1066-1082.e5	32.3	34
128	Perturbed CD8 T cell immunity across universal influenza epitopes in the elderly. <i>Journal of Leukocyte Biology</i> , <b>2018</b> , 103, 321-339	6.5	33
127	Killer T cells in influenza <b>2008</b> , 120, 186-96		32
126	Complete modification of TCR specificity and repertoire selection does not perturb a CD8+ T cell immunodominance hierarchy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 19408-13	11.5	31
125	A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. <i>Science Immunology</i> , <b>2019</b> , 4,	28	31
124	Immune Responses to Avian Influenza Viruses. <i>Journal of Immunology</i> , <b>2019</b> , 202, 382-391	5.3	31
123	Use it or lose it: establishment and persistence of T cell memory. <i>Frontiers in Immunology</i> , <b>2012</b> , 3, 357	8.4	30

122	Decreased IL-10 and IL-13 production and increased CD44hi T cell recruitment contribute to Leishmania major immunity induced by non-persistent parasites. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 3090-100	6.1	29
121	Avian Influenza Viruses, Inflammation, and CD8(+) T Cell Immunity. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 60	8.4	29
120	Downregulation of MHC Class I Expression by Influenza A and B Viruses. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1158	8.4	28
119	Impaired complement-mediated phagocytosis by HIV type-1-infected human monocyte-derived macrophages involves a cAMP-dependent mechanism. <i>AIDS Research and Human Retroviruses</i> , <b>2006</b> , 22, 619-29	1.6	28
118	Nasal-associated lymphoid tissues (NALTs) support the recall but not priming of influenza virus-specific cytotoxic T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 5225-5230	11.5	27
117	TCF-1 limits the formation of Tc17 cells via repression of the MAF-ROR $\beta$ axis. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 1682-1699	16.6	27
116	Fc functional antibodies in humans with severe H7N9 and seasonal influenza. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	27
115	Towards identification of immune and genetic correlates of severe influenza disease in Indigenous Australians. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 367-77	5	27
114	Broad CD8 T cell cross-recognition of distinct influenza A strains in humans. <i>Nature Communications</i> , <b>2018</b> , 9, 5427	17.4	27
113	Altered microRNA expression in COVID-19 patients enables identification of SARS-CoV-2 infection. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009759	7.6	27
112	Safety and immunogenicity of an MF59-adjuvanted spike glycoprotein-clamp vaccine for SARS-CoV-2: a randomised, double-blind, placebo-controlled, phase 1 trial. <i>Lancet Infectious Diseases</i> , <b>2021</b> , 21, 1383-1394	25.5	27
111	Molecular basis for increased susceptibility of Indigenous North Americans to seropositive rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 1915-1923	2.4	26
110	The role of CD27 in anti-viral T-cell immunity. <i>Current Opinion in Virology</i> , <b>2017</b> , 22, 77-88	7.5	23
109	Human $\gamma$ -cell receptor repertoire is shaped by influenza viruses, age and tissue compartmentalisation. <i>Clinical and Translational Immunology</i> , <b>2019</b> , 8, e1079	6.8	23
108	Fc $\gamma$ 2b-mediated phagocytosis by human macrophages involves Hck, Syk, and Pyk2 and is augmented by GM-CSF. <i>Journal of Leukocyte Biology</i> , <b>2001</b> , 70, 322-8	6.5	22
107	SARS-CoV-2 mRNA vaccination elicits a robust and persistent T follicular helper cell response in humans.. <i>Cell</i> , <b>2021</b> ,	56.2	22
106	Maintenance of the EBV-specific CD8 TCR $\beta$ repertoire in immunosuppressed lung transplant recipients. <i>Immunology and Cell Biology</i> , <b>2017</b> , 95, 77-86	5	21
105	nef-deleted HIV-1 inhibits phagocytosis by monocyte-derived macrophages in vitro but not by peripheral blood monocytes in vivo. <i>Aids</i> , <b>2001</b> , 15, 945-55	3.5	21

104	Human Mucosal-Associated Invariant T Cells in Older Individuals Display Expanded TCR $\beta$ Clonotypes with Potent Antimicrobial Responses. <i>Journal of Immunology</i> , <b>2020</b> , 204, 1119-1133	5.3	20
103	Host Immunological Factors Enhancing Mortality of Young Adults during the 1918 Influenza Pandemic. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 419	8.4	20
102	Oseltamivir Prophylaxis Reduces Inflammation and Facilitates Establishment of Cross-Strain Protective T Cell Memory to Influenza Viruses. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129768	3.7	20
101	On the Role of CD8 T Cells in Determining Recovery Time from Influenza Virus Infection. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 611	8.4	20
100	The Drivers of Pathology in Zoonotic Avian Influenza: The Interplay Between Host and Pathogen. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1812	8.4	20
99	Understanding CD8 T-cell responses toward the native and alternate HLA-A*02:01-restricted WT1 epitope. <i>Clinical and Translational Immunology</i> , <b>2017</b> , 6, e134	6.8	19
98	Glycolipid-peptide vaccination induces liver-resident memory CD8 T cells that protect against rodent malaria. <i>Science Immunology</i> , <b>2020</b> , 5,	28	19
97	Memory precursor phenotype of CD8+ T cells reflects early antigenic experience rather than memory numbers in a model of localized acute influenza infection. <i>European Journal of Immunology</i> , <b>2011</b> , 41, 682-93	6.1	19
96	Adverse effects of antiretroviral drugs on HIV-1-infected and -uninfected human monocyte-derived macrophages. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2006</b> , 42, 19-28	3.1	19
95	Augmenting Influenza-Specific T Cell Memory Generation with a Natural Killer T Cell-Dependent Glycolipid-Peptide Vaccine. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 2898-2905	4.9	18
94	Metabolic characteristics of CD8 T cell subsets in young and aged individuals are not predictive of functionality. <i>Nature Communications</i> , <b>2020</b> , 11, 2857	17.4	18
93	A Role of Influenza Virus Exposure History in Determining Pandemic Susceptibility and CD8+ T Cell Responses. <i>Journal of Virology</i> , <b>2016</b> , 90, 6936-6947	6.6	18
92	Terminal deoxynucleotidyltransferase is required for the establishment of private virus-specific CD8+ TCR repertoires and facilitates optimal CTL responses. <i>Journal of Immunology</i> , <b>2008</b> , 181, 2556-62	5.3	18
91	Quantifying complement-mediated phagocytosis by human monocyte-derived macrophages. <i>Immunology and Cell Biology</i> , <b>2001</b> , 79, 429-35	5	18
90	Lack of Heterologous Cross-reactivity toward HLA-A*02:01 Restricted Viral Epitopes Is Underpinned by Distinct T Cell Receptor Signatures. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 24335-24351	5.4	17
89	Fixing an irrelevant TCR alpha chain reveals the importance of TCR beta diversity for optimal TCR alpha beta pairing and function of virus-specific CD8+ T cells. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 2470-81	6.1	17
88	Effect of GM-CSF on HIV-1 replication in monocytes/macrophages in vivo and in vitro: a review. <i>Veterinary Immunology and Immunopathology</i> , <b>1998</b> , 63, 111-21	2	17
87	Interferon-gamma therapy activates human monocytes for enhanced phagocytosis of Mycobacterium avium complex in HIV-infected individuals. <i>HIV Clinical Trials</i> , <b>2004</b> , 5, 80-5		17



86	Molecular imprint of exposure to naturally occurring genetic variants of human cytomegalovirus on the T cell repertoire. <i>Scientific Reports</i> , <b>2014</b> , 4, 3993	4.9	16
85	T-cell immunity to influenza A viruses. <i>Critical Reviews in Immunology</i> , <b>2014</b> , 34, 15-39	1.8	16
84	Division-linked differentiation can account for CD8+ T-cell phenotype in vivo. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 67-77	6.1	16
83	A Dual-Antigen Enzyme-Linked Immunosorbent Assay Allows the Assessment of Severe Acute Respiratory Syndrome Coronavirus 2 Antibody Seroprevalence in a Low-Transmission Setting. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 10-14	7	16
82	Preemptive priming readily overcomes structure-based mechanisms of virus escape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 5570-5	11.5	15
81	Polyfunctional CD8(+) T cells are associated with the vaccination-induced control of a novel recombinant influenza virus expressing an HCV epitope. <i>Antiviral Research</i> , <b>2012</b> , 94, 168-78	10.8	15
80	Induction of protective CD4+ T cell-mediated immunity by a Leishmania peptide delivered in recombinant influenza viruses. <i>PLoS ONE</i> , <b>2012</b> , 7, e33161	3.7	15
79	Establishment of memory CD8+ T cells with live attenuated influenza virus across different vaccination doses. <i>Journal of General Virology</i> , <b>2016</b> , 97, 3205-3214	4.9	15
78	Distinct systems serology features in children, elderly and COVID patients		15
77	Multiplex Droplet Digital PCR Assay for Quantification of Human T-Cell Leukemia Virus Type 1 Subtype c DNA Proviral Load and T Cells from Blood and Respiratory Exudates Sampled in a Remote Setting. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	13
76	Exposure of Human CD8 T Cells to Type-2 Cytokines Impairs Division and Differentiation and Induces Limited Polarization. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1141	8.4	12
75	Divergent SATB1 expression across human life span and tissue compartments. <i>Immunology and Cell Biology</i> , <b>2019</b> , 97, 498-511	5	11
74	Bacterial lipopolysaccharide inhibits influenza virus infection of human macrophages and the consequent induction of CD8+ T cell immunity. <i>Journal of Innate Immunity</i> , <b>2014</b> , 6, 129-39	6.9	11
73	Homogenization of TCR repertoires within secondary CD62Lhigh and CD62Llow virus-specific CD8+ T cell populations. <i>Journal of Immunology</i> , <b>2008</b> , 180, 7938-47	5.3	11
72	Phagocytic efficiency of monocytes and macrophages obtained from Sydney blood bank cohort members infected with an attenuated strain of HIV-1. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2003</b> , 34, 445-53	3.1	11
71	Robust correlations across six SARS-CoV-2 serology assays detecting distinct antibody features. <i>Clinical and Translational Immunology</i> , <b>2021</b> , 10, e1258	6.8	11
70	Distinguishing naive- from memory-derived human B cells during acute responses. <i>Clinical and Translational Immunology</i> , <b>2019</b> , 8, e01090	6.8	10
69	Influenza, but not SARS-CoV-2, infection induces a rapid interferon response that wanes with age and diminished tissue-resident memory CD8 T cells. <i>Clinical and Translational Immunology</i> , <b>2021</b> , 10, e1242	6.8	10

68	Prior population immunity reduces the expected impact of CTL-inducing vaccines for pandemic influenza control. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120138	3.7	9
67	Multiplexed combinatorial tetramer staining in a mouse model of virus infection. <i>Journal of Immunological Methods</i> , <b>2010</b> , 360, 157-61	2.5	8
66	Immune cellular networks underlying recovery from influenza virus infection in acute hospitalized patients. <i>Nature Communications</i> , <b>2021</b> , 12, 2691	17.4	8
65	FOXO1 constrains activation and regulates senescence in CD8 T cells. <i>Cell Reports</i> , <b>2021</b> , 34, 108674	10.6	8
64	Extrinsically derived TNF is primarily responsible for limiting antiviral CD8+ T cell response magnitude. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184732	3.7	7
63	Induction of memory cytotoxic T cells to influenza A virus and subsequent viral clearance is not modulated by PB1-F2-dependent inflammasome activation. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 439-46	5.6	7
62	Consequences of suboptimal priming are apparent for low-avidity T-cell responses. <i>Immunology and Cell Biology</i> , <b>2012</b> , 90, 216-23	5	7
61	Phagocytosis stimulates mobilization and shedding of intracellular CD16A in human monocytes and macrophages: inhibition by HIV-1 infection. <i>Journal of Leukocyte Biology</i> , <b>2006</b> , 79, 294-302	6.5	7
60	A point-of-care lateral flow assay for neutralising antibodies against SARS-CoV-2. <i>EBioMedicine</i> , <b>2021</b> , 74, 103729	8.8	7
59	Altered microRNA expression in COVID-19 patients enables identification of SARS-CoV-2 infection		7
58	Count on us: T cells in SARS-CoV-2 infection and vaccination.. <i>Cell Reports Medicine</i> , <b>2022</b> , 3, 100562	18	7
57	SOCS4 is dispensable for an efficient recall response to influenza despite being required for primary immunity. <i>Immunology and Cell Biology</i> , <b>2015</b> , 93, 909-13	5	6
56	Establishment of functional influenza virus-specific CD8(+) T cell memory pools after intramuscular immunization. <i>Vaccine</i> , <b>2015</b> , 33, 5148-54	4.1	6
55	Monocyte apoptotic bodies are vehicles for influenza A virus propagation. <i>Communications Biology</i> , <b>2020</b> , 3, 223	6.7	6
54	Vaccine-Specific Immune Responses against Mycobacterium ulcerans Infection in a Low-Dose Murine Challenge Model. <i>Infection and Immunity</i> , <b>2020</b> , 88,	3.7	6
53	Live Attenuated Influenza Vaccines engineered to express the nucleoprotein of a recent isolate stimulate human influenza CD8 T cells more relevant to current infections. <i>Human Vaccines and Immunotherapeutics</i> , <b>2018</b> , 14, 941-946	4.4	6
52	Characterization of Human Mucosal-associated Invariant T (MAIT) Cells. <i>Current Protocols in Immunology</i> , <b>2019</b> , 127, e90	4	6
51	A Shared TCR Bias toward an Immunogenic EBV Epitope Dominates in HLA-B*07:02-Expressing Individuals. <i>Journal of Immunology</i> , <b>2020</b> , 205, 1524-1534	5.3	6

50	The metabolic hormone leptin promotes the function of T cells and supports vaccine responses. <i>Nature Communications</i> , <b>2021</b> , 12, 3073	17.4	6
49	Challenging immunodominance of influenza-specific CD8 T cell responses restricted by the risk-associated HLA-A*68:01 allomorph. <i>Nature Communications</i> , <b>2019</b> , 10, 5579	17.4	6
48	The ABC of Major Histocompatibility Complexes and T Cell Receptors in Health and Disease. <i>Viral Immunology</i> , <b>2020</b> , 33, 160-178	1.7	6
47	Breadth of concomitant immune responses underpinning viral clearance and patient recovery in a non-severe case of COVID-19		5
46	Unresponsiveness to inhaled antigen is governed by conventional dendritic cells and overridden during infection by monocytes. <i>Science Immunology</i> , <b>2020</b> , 5,	28	5
45	Diversity and clonotypic composition of influenza-specific CD8+ TCR repertoires remain unaltered in the absence of Aire. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 849-58	6.1	4
44	Innate and adaptive immunity toward influenza B viruses. <i>Future Microbiology</i> , <b>2020</b> , 15, 1045-1058	2.9	4
43	Natural killer cell receptors regulate responses of HLA-E-restricted T cells. <i>Science Immunology</i> , <b>2021</b> , 6,	28	4
42	CD8 T cell landscape in Indigenous and non-Indigenous people restricted by influenza mortality-associated HLA-A*24:02 allomorph. <i>Nature Communications</i> , <b>2021</b> , 12, 2931	17.4	4
41	SARS-CoV-2-specific CD8 T-cell responses and TCR signatures in the context of a prominent HLA-A*24:02 allomorph. <i>Immunology and Cell Biology</i> , <b>2021</b> , 99, 990-1000	5	4
40	T Cells Targeting SARS-CoV-2: By Infection, Vaccination, and Against Future Variants.. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 793102	4.9	4
39	High conservation level of CD8(+) T cell immunogenic regions within an unusual H1N2 human influenza variant. <i>Journal of Medical Virology</i> , <b>2016</b> , 88, 1725-32	19.7	3
38	A Novel Method Linking Antigen Presentation by Human Monocyte-Derived Macrophages to CD8(+) T Cell Polyfunctionality. <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 389	8.4	3
37	Early CD44(hi)CD4+ and CD44(hi)CD8+ T cell numbers and the absence of mannose-rich glycoconjugates determine the protective outcome of anti-leishmanial immunity. <i>Parasitology</i> , <b>2009</b> , 136, 833-40	2.7	3
36	Culture of HIV in monocytes and macrophages. <i>Current Protocols in Immunology</i> , <b>2004</b> , Chapter 12, Unit 12.4	4	3
35	A dual antigen ELISA allows the assessment of SARS-CoV-2 antibody seroprevalence in a low transmission setting		3
34	MAIT cells contribute to protection against lethal influenza infection in vivo		3
33	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008714	7.6	3

32	Immune profiling of influenza-specific B- and T-cell responses in macaques using flow cytometry-based assays. <i>Immunology and Cell Biology</i> , <b>2021</b> , 99, 97-106	5	3
31	Antibody mediated activation of natural killer cells in malaria exposed pregnant women. <i>Scientific Reports</i> , <b>2021</b> , 11, 4130	4.9	3
30	Influenza virus infection history shapes antibody responses to influenza vaccination.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	3
29	Viral burden, inflammatory milieu and CD8 T-cell responses to influenza virus in a second-generation thiazolide (RM-5061) and oseltamivir combination therapy study. <i>Influenza and Other Respiratory Viruses</i> , <b>2020</b> , 14, 678-687	5.6	2
28	Multiplex Screening Assay for Identifying Cytotoxic CD8 T Cell Epitopes. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 400	8.4	2
27	Are NKT cells a useful predictor of COVID-19 severity?. <i>Immunity</i> , <b>2022</b> , 55, 185-187	32.3	2
26	Uncomplicated Cystitis in an Adult Male Following Influenza B Virus Infection. <i>American Journal of Case Reports</i> , <b>2017</b> , 18, 190-193	1.3	2
25	TLR2-mediated activation of innate responses in the upper airways confers antiviral protection of the lungs. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	2
24	Genetic Bias, Diversity Indices, Physiochemical Properties and CDR3 Motifs Divide Auto-Reactive from Allo-Reactive T-Cell Repertoires. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
23	Limited Phenotypic and Functional Plasticity of Influenza Virus-Specific Memory CD8 T Cells during Activation in an Alternative Cytokine Environment. <i>Journal of Immunology</i> , <b>2018</b> , 201, 3282-3293	5.3	2
22	Structural basis of biased T cell receptor recognition of an immunodominant HLA-A2 epitope of the SARS-CoV-2 spike protein. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 101065	5.4	2
21	Influenza A Virus-Infected Lung Epithelial Cell Co-Culture with Human Peripheral Blood Mononuclear Cells. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2098, 141-147	1.4	2
20	Culture of HIV in Monocytes and Macrophages. <i>Current Protocols in Immunology</i> , <b>2005</b> , 70, 12.4.1	4	1
19	In-concert immune dynamics during natural influenza virus infection and recovery in acute hospitalized patients		1
18	Suboptimal SARS-CoV-2-specific CD8+ T-cell response associated with the prominent HLA-A*02:01 phenotype		1
17	Potent priming by inactivated whole influenza virus particle vaccines is linked to viral RNA uptake into antigen presenting cells. <i>Vaccine</i> , <b>2021</b> , 39, 3940-3951	4.1	1
16	HLA-A*11:01-restricted CD8+ T cell immunity against influenza A and influenza B viruses in Indigenous and non-Indigenous people.. <i>PLoS Pathogens</i> , <b>2022</b> , 18, e1010337	7.6	1
15	Ferret Interferon (IFN)-Inducible Transmembrane Proteins Are Upregulated by both IFN- $\beta$ and Influenza Virus Infection. <i>Journal of Virology</i> , <b>2021</b> , 95, e0011121	6.6	0

14	Defective Severe Acute Respiratory Syndrome Coronavirus 2 Immune Responses in an Immunocompromised Individual With Prolonged Viral Replication. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, ofab359	1	○
13	High expression of CD38 and MHC class II on CD8 T cells during severe influenza disease reflects bystander activation and trogocytosis. <i>Clinical and Translational Immunology</i> , <b>2021</b> , 10, e1336	6.8	○
12	SARS-CoV-2 infection results in immune responses in the respiratory tract and peripheral blood that suggest mechanisms of disease severity.. <i>Nature Communications</i> , <b>2022</b> , 13, 2774	17.4	○
11	Prior exposure to immunogenic peptides found in human influenza A viruses may influence the age distribution of cases with avian influenza H5N1 and H7N9 virus infections. <i>Epidemiology and Infection</i> , <b>2019</b> , 147, e213	4.3	
10	Anti-SIV cytolytic molecules in pigtail macaques. <i>AIDS Research and Human Retroviruses</i> , <b>2008</b> , 24, 1127-316		
9	Cells of the Macrophage Lineage and their Role in the Pathogenesis of HIV-1 Infection: An Update. <i>Medicinal Chemistry Reviews Online</i> , <b>2004</b> , 1, 351-360		
8	Evaluation of Human Circulating T Follicular Helper Cells in Influenza- and SARS-CoV-2-Specific B Cell Immunity. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2380, 201-209	1.4	
7	Study of MAIT Cell Activation in Viral Infections In Vivo. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2098, 261-281		
6	The Dynamics of the Ferret Immune Response During H7N9 Influenza Virus Infection. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 559113	8.4	
5	Temporal differences in culturable severe acute respiratory coronavirus virus 2 (SARS-CoV-2) from the respiratory and gastrointestinal tracts in a patient with moderate coronavirus disease 2019 (COVID-19). <i>Infection Control and Hospital Epidemiology</i> , <b>2021</b> , 1-3	2	
4	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells <b>2020</b> , 16, e1008714		
3	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells <b>2020</b> , 16, e1008714		
2	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells <b>2020</b> , 16, e1008714		
1	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells <b>2020</b> , 16, e1008714		