

Katherine Kedzierska

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/546228/katherine-kedzierska-publications-by-year.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	Are NKT cells a useful predictor of COVID-19 severity?. <i>Immunity</i> , 2022 , 55, 185-187	32.3	2
210	Evaluation of Human Circulating T Follicular Helper Cells in Influenza- and SARS-CoV-2-Specific B Cell Immunity. <i>Methods in Molecular Biology</i> , 2022 , 2380, 201-209	1.4	
209	Influenza virus infection history shapes antibody responses to influenza vaccination.. <i>Nature Medicine</i> , 2022 ,	50.5	3
208	Count on us: T cells in SARS-CoV-2 infection and vaccination.. <i>Cell Reports Medicine</i> , 2022 , 3, 100562	18	7
207	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> , 2022 , 18, e1010337	7.6	1
206	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> , 2022 , 13, 2774	17.4	0
205	A point-of-care lateral flow assay for neutralising antibodies against SARS-CoV-2. <i>EBioMedicine</i> , 2021 , 74, 103729	8.8	7
204	Integrated immune dynamics define correlates of COVID-19 severity and antibody responses. <i>Cell Reports Medicine</i> , 2021 , 2, 100208	18	46
203	TLR2-mediated activation of innate responses in the upper airways confers antiviral protection of the lungs. <i>JCI Insight</i> , 2021 , 6,	9.9	2
202	Systems serology detects functionally distinct coronavirus antibody features in children and elderly. <i>Nature Communications</i> , 2021 , 12, 2037	17.4	42
201	Natural killer cell receptors regulate responses of HLA-E-restricted T cells. <i>Science Immunology</i> , 2021 , 6,	28	4
200	The metabolic hormone leptin promotes the function of T cells and supports vaccine responses. <i>Nature Communications</i> , 2021 , 12, 3073	17.4	6
199	CD8 T cell landscape in Indigenous and non-Indigenous people restricted by influenza mortality-associated HLA-A*24:02 allomorph. <i>Nature Communications</i> , 2021 , 12, 2931	17.4	4
198	Immune cellular networks underlying recovery from influenza virus infection in acute hospitalized patients. <i>Nature Communications</i> , 2021 , 12, 2691	17.4	8
197	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> , 2021 , 1-3	2	
196	CD8 T cells specific for an immunodominant SARS-CoV-2 nucleocapsid epitope display high naive precursor frequency and TCR promiscuity. <i>Immunity</i> , 2021 , 54, 1066-1082.e5	32.3	34
195	Ferret Interferon (IFN)-Inducible Transmembrane Proteins Are Upregulated by both IFN- β and Influenza Virus Infection. <i>Journal of Virology</i> , 2021 , 95, e0011121	6.6	0

194	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> , 2021 , 99, 990-1000	5	4
193	Potent priming by inactivated whole influenza virus particle vaccines is linked to viral RNA uptake into antigen presenting cells. <i>Vaccine</i> , 2021 , 39, 3940-3951	4.1	1
192	Immune profiling of influenza-specific B- and T-cell responses in macaques using flow cytometry-based assays. <i>Immunology and Cell Biology</i> , 2021 , 99, 97-106	5	3
191	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> , 2021 , 223, 10-14	7	16
190	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> , 2021 , 10, e1242	6.8	10
189	FOXO1 constrains activation and regulates senescence in CD8 T cells. <i>Cell Reports</i> , 2021 , 34, 108674	10.6	8
188	Robust correlations across six SARS-CoV-2 serology assays detecting distinct antibody features. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1258	6.8	11
187	Antibody mediated activation of natural killer cells in malaria exposed pregnant women. <i>Scientific Reports</i> , 2021 , 11, 4130	4.9	3
186	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> , 2021 , 34, 108684	10.6	36
185	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> , 2021 , 22,	6.3	2
184	Altered microRNA expression in COVID-19 patients enables identification of SARS-CoV-2 infection. <i>PLoS Pathogens</i> , 2021 , 17, e1009759	7.6	27
183	Defective Severe Acute Respiratory Syndrome Coronavirus 2 Immune Responses in an Immunocompromised Individual With Prolonged Viral Replication. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab359	1	0
182	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> , 2021 , 297, 101065	5.4	2
181	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> , 2021 , 21, 1383-1394	25.5	27
180	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> , 2021 , 10, e1336	6.8	0
179	SARS-CoV-2 mRNA vaccination elicits a robust and persistent T follicular helper cell response in humans.. <i>Cell</i> , 2021 ,	56.2	22
178	T Cells Targeting SARS-CoV-2: By Infection, Vaccination, and Against Future Variants.. <i>Frontiers in Medicine</i> , 2021 , 8, 793102	4.9	4
177	Adoptive cellular therapy with T cells expressing the dendritic cell growth factor Flt3L drives epitope spreading and antitumor immunity. <i>Nature Immunology</i> , 2020 , 21, 914-926	19.1	53

176	A serological assay to detect SARS-CoV-2 seroconversion in humans. <i>Nature Medicine</i> , 2020 , 26, 1033-1036.5	1111
175	Metabolic characteristics of CD8 T cell subsets in young and aged individuals are not predictive of functionality. <i>Nature Communications</i> , 2020 , 11, 2857	17.4 18
174	Monocyte apoptotic bodies are vehicles for influenza A virus propagation. <i>Communications Biology</i> , 2020 , 3, 223	6.7 6
173	Vaccine-Specific Immune Responses against <i>Mycobacterium ulcerans</i> Infection in a Low-Dose Murine Challenge Model. <i>Infection and Immunity</i> , 2020 , 88,	3.7 6
172	Breadth of concomitant immune responses prior to patient recovery: a case report of non-severe COVID-19. <i>Nature Medicine</i> , 2020 , 26, 453-455	50.5 683
171	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> , 2020 , 14, 678-687	5.6 2
170	Glycolipid-peptide vaccination induces liver-resident memory CD8 T cells that protect against rodent malaria. <i>Science Immunology</i> , 2020 , 5,	28 19
169	Human Mucosal-Associated Invariant T Cells in Older Individuals Display Expanded TCR α Clonotypes with Potent Antimicrobial Responses. <i>Journal of Immunology</i> , 2020 , 204, 1119-1133	5.3 20
168	Multiplex Screening Assay for Identifying Cytotoxic CD8 T Cell Epitopes. <i>Frontiers in Immunology</i> , 2020 , 11, 400	8.4 2
167	Study of MAIT Cell Activation in Viral Infections In Vivo. <i>Methods in Molecular Biology</i> , 2020 , 2098, 261-2814	
166	A serological assay to detect SARS-CoV-2 seroconversion in humans 2020 ,	112
165	The Dynamics of the Ferret Immune Response During H7N9 Influenza Virus Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 559113	8.4
164	Unresponsiveness to inhaled antigen is governed by conventional dendritic cells and overridden during infection by monocytes. <i>Science Immunology</i> , 2020 , 5,	28 5
163	Immune responses to SARS-CoV-2 in three children of parents with symptomatic COVID-19. <i>Nature Communications</i> , 2020 , 11, 5703	17.4 58
162	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells. <i>PLoS Pathogens</i> , 2020 , 16, e1008714	7.6 3
161	Innate and adaptive immunity toward influenza B viruses. <i>Future Microbiology</i> , 2020 , 15, 1045-1058	2.9 4
160	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> , 2020 , 117, 24384-24391	11.5 92
159	A Shared TCR Bias toward an Immunogenic EBV Epitope Dominates in HLA-B*07:02-Expressing Individuals. <i>Journal of Immunology</i> , 2020 , 205, 1524-1534	5.3 6

158	The ABC of Major Histocompatibility Complexes and T Cell Receptors in Health and Disease. <i>Viral Immunology</i> , 2020 , 33, 160-178	1.7	6
157	Influenza A Virus-Infected Lung Epithelial Cell Co-Culture with Human Peripheral Blood Mononuclear Cells. <i>Methods in Molecular Biology</i> , 2020 , 2098, 141-147	1.4	2
156	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells 2020 , 16, e1008714		
155	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells 2020 , 16, e1008714		
154	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells 2020 , 16, e1008714		
153	HLA-B*27:05 alters immunodominance hierarchy of universal influenza-specific CD8+ T cells 2020 , 16, e1008714		
152	Cross-lineage protection by human antibodies binding the influenza B hemagglutinin. <i>Nature Communications</i> , 2019 , 10, 324	17.4	43
151	Downregulation of MHC Class I Expression by Influenza A and B Viruses. <i>Frontiers in Immunology</i> , 2019 , 10, 1158	8.4	28
150	TCF-1 limits the formation of Tc17 cells via repression of the MAF-ROR γ axis. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1682-1699	16.6	27
149	Divergent SATB1 expression across human life span and tissue compartments. <i>Immunology and Cell Biology</i> , 2019 , 97, 498-511	5	11
148	RIPLET, and not TRIM25, is required for endogenous RIG-I-dependent antiviral responses. <i>Immunology and Cell Biology</i> , 2019 , 97, 840-852	5	45
147	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> , 2019 , 147, e213	4.3	
146	Recalling the Future: Immunological Memory Toward Unpredictable Influenza Viruses. <i>Frontiers in Immunology</i> , 2019 , 10, 1400	8.4	40
145	Characterization of Human Mucosal-associated Invariant T (MAIT) Cells. <i>Current Protocols in Immunology</i> , 2019 , 127, e90	4	6
144	Human γ -cell receptor repertoire is shaped by influenza viruses, age and tissue compartmentalisation. <i>Clinical and Translational Immunology</i> , 2019 , 8, e1079	6.8	23
143	Human CD8 T cell cross-reactivity across influenza A, B and C viruses. <i>Nature Immunology</i> , 2019 , 20, 613-625	19.5	109
142	DYNAMICS OF HUMAN MUCOSAL-ASSOCIATED INVARIANT T CELL REPERTOIRES ACROSS THE HUMAN LIFE SPAN. <i>Innovation in Aging</i> , 2019 , 3, S769-S769	0.1	78
141	Distinguishing naive- from memory-derived human B cells during acute responses. <i>Clinical and Translational Immunology</i> , 2019 , 8, e01090	6.8	10

140	A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. <i>Science Immunology</i> , 2019 , 4,	28	31
139	Challenging immunodominance of influenza-specific CD8 T cell responses restricted by the risk-associated HLA-A*68:01 allomorph. <i>Nature Communications</i> , 2019 , 10, 5579	17.4	6
138	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> , 2019 , 57,	9.7	13
137	With a Little Help from T Follicular Helper Friends: Humoral Immunity to Influenza Vaccination. <i>Journal of Immunology</i> , 2019 , 202, 360-367	5.3	36
136	Immune Responses to Avian Influenza Viruses. <i>Journal of Immunology</i> , 2019 , 202, 382-391	5.3	31
135	Perturbed CD8 T cell immunity across universal influenza epitopes in the elderly. <i>Journal of Leukocyte Biology</i> , 2018 , 103, 321-339	6.5	33
134	Enumeration, functional responses and cytotoxic capacity of MAIT cells in newly diagnosed and relapsed multiple myeloma. <i>Scientific Reports</i> , 2018 , 8, 4159	4.9	51
133	Clonally diverse CD38HLA-DRCD8 T cells persist during fatal H7N9 disease. <i>Nature Communications</i> , 2018 , 9, 824	17.4	69
132	VDJdb: a curated database of T-cell receptor sequences with known antigen specificity. <i>Nucleic Acids Research</i> , 2018 , 46, D419-D427	20.1	183
131	Circulating T cells, serological memory, and tissue compartmentalization shape human influenza-specific B cell immunity. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	117
130	Innate and adaptive T cells in influenza disease. <i>Frontiers of Medicine</i> , 2018 , 12, 34-47	12	48
129	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> , 2018 , 14, 941-946	4.4	6
128	Exposure of Human CD8 T Cells to Type-2 Cytokines Impairs Division and Differentiation and Induces Limited Polarization. <i>Frontiers in Immunology</i> , 2018 , 9, 1141	8.4	12
127	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> , 2018 , 9, 1453	8.4	40
126	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> , 2018 , 23, 3512-3524	10.6	107
125	Influenza-specific lung-resident memory T cells are proliferative and polyfunctional and maintain diverse TCR profiles. <i>Journal of Clinical Investigation</i> , 2018 , 128, 721-733	15.9	99
124	MAIT cells contribute to protection against lethal influenza infection in vivo. <i>Nature Communications</i> , 2018 , 9, 4706	17.4	103
123	Broad CD8 T cell cross-recognition of distinct influenza A strains in humans. <i>Nature Communications</i> , 2018 , 9, 5427	17.4	27

122	Back to the Future: Lessons Learned From the 1918 Influenza Pandemic. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 343	5.9	125
121	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> , 2018 , 201, 3282-3293	5.3	2
120	The Drivers of Pathology in Zoonotic Avian Influenza: The Interplay Between Host and Pathogen. <i>Frontiers in Immunology</i> , 2018 , 9, 1812	8.4	20
119	Influenza. <i>Nature Reviews Disease Primers</i> , 2018 , 4, 3	51.1	437
118	The role of CD27 in anti-viral T-cell immunity. <i>Current Opinion in Virology</i> , 2017 , 22, 77-88	7.5	23
117	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> , 2017 , 114, 5225-5230	11.5	27
116	Understanding CD8 T-cell responses toward the native and alternate HLA-A*02:01-restricted WT1 epitope. <i>Clinical and Translational Immunology</i> , 2017 , 6, e134	6.8	19
115	Quantifiable predictive features define epitope-specific T cell receptor repertoires. <i>Nature</i> , 2017 , 547, 89-93	50.4	367
114	Resident memory CD8 T cells in the upper respiratory tract prevent pulmonary influenza virus infection. <i>Science Immunology</i> , 2017 , 2,	28	127
113	Augmenting Influenza-Specific T Cell Memory Generation with a Natural Killer T Cell-Dependent Glycolipid-Peptide Vaccine. <i>ACS Chemical Biology</i> , 2017 , 12, 2898-2905	4.9	18
112	Extrinsically derived TNF is primarily responsible for limiting antiviral CD8+ T cell response magnitude. <i>PLoS ONE</i> , 2017 , 12, e0184732	3.7	7
111	Fc functional antibodies in humans with severe H7N9 and seasonal influenza. <i>JCI Insight</i> , 2017 , 2,	9.9	27
110	Molecular basis for increased susceptibility of Indigenous North Americans to seropositive rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 1915-1923	2.4	26
109	Maintenance of the EBV-specific CD8 TCR repertoire in immunosuppressed lung transplant recipients. <i>Immunology and Cell Biology</i> , 2017 , 95, 77-86	5	21
108	Uncomplicated Cystitis in an Adult Male Following Influenza B Virus Infection. <i>American Journal of Case Reports</i> , 2017 , 18, 190-193	1.3	2
107	Suppressor of cytokine signaling (SOCS)5 ameliorates influenza infection via inhibition of EGFR signaling. <i>ELife</i> , 2017 , 6,	8.9	45
106	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> , 2016 , 113, 10133-8	11.5	173
105	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> , 2016 , 291, 24335-24351	5.4	17

104	High conservation level of CD8(+) T cell immunogenic regions within an unusual H1N2 human influenza variant. <i>Journal of Medical Virology</i> , 2016 , 88, 1725-32	19.7	3
103	A Role of Influenza Virus Exposure History in Determining Pandemic Susceptibility and CD8+ T Cell Responses. <i>Journal of Virology</i> , 2016 , 90, 6936-6947	6.6	18
102	Human influenza viruses and CD8(+) T cell responses. <i>Current Opinion in Virology</i> , 2016 , 16, 132-142	7.5	53
101	Linking the T cell receptor to the single cell transcriptome in antigen-specific human T cells. <i>Immunology and Cell Biology</i> , 2016 , 94, 604-11	5	91
100	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> , 2016 , 94, 439-46	5	7
99	Knowns and unknowns of influenza B viruses. <i>Future Microbiology</i> , 2016 , 11, 119-35	2.9	58
98	Establishment of memory CD8+ T cells with live attenuated influenza virus across different vaccination doses. <i>Journal of General Virology</i> , 2016 , 97, 3205-3214	4.9	15
97	Avian Influenza Viruses, Inflammation, and CD8(+) T Cell Immunity. <i>Frontiers in Immunology</i> , 2016 , 7, 60	8.4	29
96	On the Role of CD8 T Cells in Determining Recovery Time from Influenza Virus Infection. <i>Frontiers in Immunology</i> , 2016 , 7, 611	8.4	20
95	Towards identification of immune and genetic correlates of severe influenza disease in Indigenous Australians. <i>Immunology and Cell Biology</i> , 2016 , 94, 367-77	5	27
94	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> , 2016 , 113, 4440-5	11.5	68
93	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. <i>Nature Immunology</i> , 2016 , 17, 1300-1311	19.1	183
92	SOCS4 is dispensable for an efficient recall response to influenza despite being required for primary immunity. <i>Immunology and Cell Biology</i> , 2015 , 93, 909-13	5	6
91	Establishment of functional influenza virus-specific CD8(+) T cell memory pools after intramuscular immunization. <i>Vaccine</i> , 2015 , 33, 5148-54	4.1	6
90	Proinsulin-specific, HLA-DQ8, and HLA-DQ8-transdimer-restricted CD4+ T cells infiltrate islets in type 1 diabetes. <i>Diabetes</i> , 2015 , 64, 172-82	0.9	104
89	Host Immunological Factors Enhancing Mortality of Young Adults during the 1918 Influenza Pandemic. <i>Frontiers in Immunology</i> , 2015 , 6, 419	8.4	20
88	Prior population immunity reduces the expected impact of CTL-inducing vaccines for pandemic influenza control. <i>PLoS ONE</i> , 2015 , 10, e0120138	3.7	9
87	Oseltamivir Prophylaxis Reduces Inflammation and Facilitates Establishment of Cross-Strain Protective T Cell Memory to Influenza Viruses. <i>PLoS ONE</i> , 2015 , 10, e0129768	3.7	20

86	Recovery from severe H7N9 disease is associated with diverse response mechanisms dominated by CD8+ T cells. <i>Nature Communications</i> , 2015 , 6, 6833	17.4	168
85	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> , 2014 , 111, 769-74	11.5	205
84	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> , 2014 , 210, 1811-22	7	53
83	Recognition of distinct cross-reactive virus-specific CD8+ T cells reveals a unique TCR signature in a clinical setting. <i>Journal of Immunology</i> , 2014 , 192, 5039-49	5.3	34
82	Bacterial lipopolysaccharide inhibits influenza virus infection of human macrophages and the consequent induction of CD8+ T cell immunity. <i>Journal of Innate Immunity</i> , 2014 , 6, 129-39	6.9	11
81	Molecular imprint of exposure to naturally occurring genetic variants of human cytomegalovirus on the T cell repertoire. <i>Scientific Reports</i> , 2014 , 4, 3993	4.9	16
80	T-cell immunity to influenza A viruses. <i>Critical Reviews in Immunology</i> , 2014 , 34, 15-39	1.8	16
79	Suppressor of cytokine signaling 4 (SOCS4) protects against severe cytokine storm and enhances viral clearance during influenza infection. <i>PLoS Pathogens</i> , 2014 , 10, e1004134	7.6	38
78	Universal immunity to influenza must outwit immune evasion. <i>Frontiers in Microbiology</i> , 2014 , 5, 285	5.7	38
77	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> , 2014 , 111, 1049-54	11.5	119
76	Antigen-loaded MR1 tetramers define T cell receptor heterogeneity in mucosal-associated invariant T cells. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2305-20	16.6	379
75	Acute emergence and reversion of influenza A virus quasispecies within CD8+ T cell antigenic peptides. <i>Nature Communications</i> , 2013 , 4, 2663	17.4	42
74	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> , 2013 , 110, 5570-5	11.5	15
73	Nucleoprotein of influenza A virus is a major target of immunodominant CD8+ T-cell responses. <i>Immunology and Cell Biology</i> , 2013 , 91, 184-94	5	70
72	A Novel Method Linking Antigen Presentation by Human Monocyte-Derived Macrophages to CD8(+) T Cell Polyfunctionality. <i>Frontiers in Immunology</i> , 2013 , 4, 389	8.4	3
71	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> , 2012 , 94, 168-78	10.8	15
70	Use it or lose it: establishment and persistence of T cell memory. <i>Frontiers in Immunology</i> , 2012 , 3, 357	8.4	30
69	Consequences of suboptimal priming are apparent for low-avidity T-cell responses. <i>Immunology and Cell Biology</i> , 2012 , 90, 216-23	5	7

68	Early priming minimizes the age-related immune compromise of CD8+ T cell diversity and function. <i>PLoS Pathogens</i> , 2012 , 8, e1002544	7.6	51
67	Induction of protective CD4+ T cell-mediated immunity by a Leishmania peptide delivered in recombinant influenza viruses. <i>PLoS ONE</i> , 2012 , 7, e33161	3.7	15
66	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> , 2011 , 41, 682-93	6.1	19
65	Immunity to seasonal and pandemic influenza A viruses. <i>Microbes and Infection</i> , 2011 , 13, 489-501	9.3	53
64	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> , 2011 , 108, 9178-83	11.5	59
63	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> , 2010 , 107, 12599-604	11.5	134
62	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> , 2010 , 6, e1001039	7.6	52
61	Multiplexed combinatorial tetramer staining in a mouse model of virus infection. <i>Journal of Immunological Methods</i> , 2010 , 360, 157-61	2.5	8
60	Diversity and clonotypic composition of influenza-specific CD8+ TCR repertoires remain unaltered in the absence of Aire. <i>European Journal of Immunology</i> , 2010 , 40, 849-58	6.1	4
59	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> , 2010 , 40, 2470-81	6.1	17
58	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> , 2010 , 120, 1885-94	15.9	129
57	Leishmaniasis: current treatment and prospects for new drugs and vaccines. <i>Current Medicinal Chemistry</i> , 2009 , 16, 599-614	4.3	144
56	Division-linked differentiation can account for CD8+ T-cell phenotype in vivo. <i>European Journal of Immunology</i> , 2009 , 39, 67-77	6.1	16
55	Functional implications of T cell receptor diversity. <i>Current Opinion in Immunology</i> , 2009 , 21, 286-90	7.8	50
54	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> , 2009 , 136, 833-40	2.7	3
53	Killer T cells in influenza 2008 , 120, 186-96		32
52	Method for assessing the similarity between subsets of the T cell receptor repertoire. <i>Journal of Immunological Methods</i> , 2008 , 329, 67-80	2.5	58
51	Tracking phenotypically and functionally distinct T cell subsets via T cell repertoire diversity. <i>Molecular Immunology</i> , 2008 , 45, 607-18	4.3	40

50	Anti-SIV cytolytic molecules in pigtail macaques. <i>AIDS Research and Human Retroviruses</i> , 2008 , 24, 1127-316		
49	Terminal deoxynucleotidyltransferase is required for the establishment of private virus-specific CD8+ TCR repertoires and facilitates optimal CTL responses. <i>Journal of Immunology</i> , 2008 , 181, 2556-62	5.3	18
48	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> , 2008 , 105, 19408-13	11.5	31
47	Homogenization of TCR repertoires within secondary CD62Lhigh and CD62Llow virus-specific CD8+ T cell populations. <i>Journal of Immunology</i> , 2008 , 180, 7938-47	5.3	11
46	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> , 2008 , 181, 3818-22	5.3	45
45	Decreased IL-10 and IL-13 production and increased CD44hi T cell recruitment contribute to <i>Leishmania major</i> immunity induced by non-persistent parasites. <i>European Journal of Immunology</i> , 2008 , 38, 3090-100	6.1	29
44	A question of self-preservation: immunopathology in influenza virus infection. <i>Immunology and Cell Biology</i> , 2007 , 85, 85-92	5	355
43	Methods for comparing the diversity of samples of the T cell receptor repertoire. <i>Journal of Immunological Methods</i> , 2007 , 321, 182-95	2.5	148
42	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> , 2007 , 104, 9782-7	11.5	45
41	Heterogeneity of effector phenotype for acute phase and memory influenza A virus-specific CTL. <i>Journal of Immunology</i> , 2007 , 179, 64-70	5.3	70
40	The context of epitope presentation can influence functional quality of recalled influenza A virus-specific memory CD8+ T cells. <i>Journal of Immunology</i> , 2007 , 179, 2187-94	5.3	40
39	Intranasal lipopeptide primes lung-resident memory CD8+ T cells for long-term pulmonary protection against influenza. <i>European Journal of Immunology</i> , 2006 , 36, 770-8	6.1	64
38	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> , 2006 , 103, 18691-6	11.5	122
37	Phagocytosis stimulates mobilization and shedding of intracellular CD16A in human monocytes and macrophages: inhibition by HIV-1 infection. <i>Journal of Leukocyte Biology</i> , 2006 , 79, 294-302	6.5	7
36	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> , 2006 , 103, 994-9	11.5	139
35	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> , 2006 , 103, 9184-9	11.5	74
34	Quantification of repertoire diversity of influenza-specific epitopes with predominant public or private TCR usage. <i>Journal of Immunology</i> , 2006 , 177, 6705-12	5.3	61
33	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> , 2006 , 22, 619-29	1.6	28

32	Adverse effects of antiretroviral drugs on HIV-1-infected and -uninfected human monocyte-derived macrophages. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006 , 42, 19-28	3.1	19
31	Establishment and recall of CD8+ T-cell memory in a model of localized transient infection. <i>Immunological Reviews</i> , 2006 , 211, 133-45	11.3	48
30	Culture of HIV in Monocytes and Macrophages. <i>Current Protocols in Immunology</i> , 2005 , 70, 12.4.1	4	1
29	Lack of prominent peptide-major histocompatibility complex features limits repertoire diversity in virus-specific CD8+ T cell populations. <i>Nature Immunology</i> , 2005 , 6, 382-9	19.1	123
28	Transendothelial migration of monocytes: the underlying molecular mechanisms and consequences of HIV-1 infection. <i>Current HIV Research</i> , 2005 , 3, 303-17	1.3	71
27	Antiretroviral compounds: mechanisms underlying failure of HAART to eradicate HIV-1. <i>Current Medicinal Chemistry</i> , 2005 , 12, 1705-19	4.3	42
26	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> , 2005 , 102, 11432-7	11.5	52
25	DX5/CD49b-positive T cells are not synonymous with CD1d-dependent NKT cells. <i>Journal of Immunology</i> , 2005 , 175, 4416-25	5.3	38
24	Cells of the Macrophage Lineage and their Role in the Pathogenesis of HIV-1 Infection: An Update. <i>Medicinal Chemistry Reviews Online</i> , 2004 , 1, 351-360		
23	Culture of HIV in monocytes and macrophages. <i>Current Protocols in Immunology</i> , 2004 , Chapter 12, Unit 12.4	4	3
22	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> , 2004 , 101, 4942-7	11.5	123
21	Characterization of CD8+ T cell repertoire diversity and persistence in the influenza A virus model of localized, transient infection. <i>Seminars in Immunology</i> , 2004 , 16, 179-84	10.7	36
20	Interferon-gamma therapy activates human monocytes for enhanced phagocytosis of Mycobacterium avium complex in HIV-infected individuals. <i>HIV Clinical Trials</i> , 2004 , 5, 80-5		17
19	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> , 2003 , 34, 445-53	3.1	11
18	The influence of cytokines, chemokines and their receptors on HIV-1 replication in monocytes and macrophages. <i>Reviews in Medical Virology</i> , 2003 , 13, 39-56	11.7	144
17	Defective phagocytosis by human monocyte/macrophages following HIV-1 infection: underlying mechanisms and modulation by adjunctive cytokine therapy. <i>Journal of Clinical Virology</i> , 2003 , 26, 247-63	14.5	93
16	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> , 2002 , 168, 2895-903	5.3	69
15	The role of monocytes and macrophages in the pathogenesis of HIV-1 infection. <i>Current Medicinal Chemistry</i> , 2002 , 9, 1893-903	4.3	159

14	Quantifying complement-mediated phagocytosis by human monocyte-derived macrophages. <i>Immunology and Cell Biology</i> , 2001 , 79, 429-35	5	18
13	Cytokines and HIV-1: interactions and clinical implications. <i>Antiviral Chemistry and Chemotherapy</i> , 2001 , 12, 133-50	3.5	225
12	nef-deleted HIV-1 inhibits phagocytosis by monocyte-derived macrophages in vitro but not by peripheral blood monocytes in vivo. <i>Aids</i> , 2001 , 15, 945-55	3.5	21
11	FcγR-mediated phagocytosis by human macrophages involves Hck, Syk, and Pyk2 and is augmented by GM-CSF. <i>Journal of Leukocyte Biology</i> , 2001 , 70, 322-8	6.5	22
10	Granulocyte-macrophage colony-stimulating factor inhibits HIV-1 replication in monocyte-derived macrophages. <i>Aids</i> , 2000 , 14, 1739-48	3.5	41
9	Granulocyte-macrophage colony-stimulating factor augments phagocytosis of <i>Mycobacterium avium</i> complex by human immunodeficiency virus type 1-infected monocytes/macrophages in vitro and in vivo. <i>Journal of Infectious Diseases</i> , 2000 , 181, 390-4	7	58
8	Effect of GM-CSF on HIV-1 replication in monocytes/macrophages in vivo and in vitro: a review. <i>Veterinary Immunology and Immunopathology</i> , 1998 , 63, 111-21	2	17
7	In-concert immune dynamics during natural influenza virus infection and recovery in acute hospitalized patients		1
6	Breadth of concomitant immune responses underpinning viral clearance and patient recovery in a non-severe case of COVID-19		5
5	Distinct systems serology features in children, elderly and COVID patients		15
4	Suboptimal SARS-CoV-2-specific CD8+ T-cell response associated with the prominent HLA-A*02:01 phenotype		1
3	A dual antigen ELISA allows the assessment of SARS-CoV-2 antibody seroprevalence in a low transmission setting		3
2	MAIT cells contribute to protection against lethal influenza infection in vivo		3
1	Altered microRNA expression in COVID-19 patients enables identification of SARS-CoV-2 infection		7