Paul G. Thomas

List of Publications by Citations

223 papers	11,255 citations	55 h-index	99 g-index
246 ext. papers	15,025 ext. citations	12.9 avg, IF	6.51 L-index

#	Paper	IF	Citations
223	The intracellular sensor NLRP3 mediates key innate and healing responses to influenza A virus via the regulation of caspase-1. *Immunity*, **2009**, 30, 566-75	32.3	530
222	Quantifiable predictive features define epitope-specific T cell receptor repertoires. *Nature*, **2017**, 547, 89-93	50.4	367
221	Cell-mediated protection in influenza infection. *Emerging Infectious Diseases*, **2006**, 12, 48-54	10.2	356
220	De Novo Epigenetic Programs Inhibit PD-1 Blockade-Mediated T Cell Rejuvenation. *Cell*, **2017**, 170, 142-157.e19	56.2	352
219	TNF/iNOS-producing dendritic cells are the necessary evil of lethal influenza virus infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 5306-11	11.5	337
218	Influenza and the challenge for immunology. *Nature Immunology*, **2006**, 7, 449-55	19.1	282
217	Receptor interacting protein kinase 2-mediated mitophagy regulates inflammasome activation during virus infection. *Nature Immunology*, **2013**, 14, 480-8	19.1	254
216	Maturation of dendritic cell 2 phenotype by a helminth glycan uses a Toll-like receptor 4-dependent mechanism. *Journal of Immunology*, **2003**, 171, 5837-41	5.3	242
215	Depletion of alveolar macrophages during influenza infection facilitates bacterial superinfections. *Journal of Immunology*, **2013**, 191, 1250-9	5.3	229
214	RIPK3 Activates Parallel Pathways of MLKL-Driven Necroptosis and FADD-Mediated Apoptosis to Protect against Influenza A Virus. *Cell Host and Microbe*, **2016**, 20, 13-24	23.4	215
213	Cytomegalovirus infection enhances the immune response to influenza. *Science Translational Medicine*, **2015**, 7, 281ra43	17.5	205
212	Defining antigen-specific plasmablast and memory B cell subsets in human blood after viral infection or vaccination. *Nature Immunology*, **2016**, 17, 1226-34	19.1	202
211	DAI Senses Influenza A Virus Genomic RNA and Activates RIPK3-Dependent Cell Death. *Cell Host and Microbe*, **2016**, 20, 674-681	23.4	193
210	VDJdb: a curated database of T-cell receptor sequences with known antigen specificity. *Nucleic Acids Research*, **2018**, 46, D419-D427	20.1	183
209	Lipidomic profiling of influenza infection identifies mediators that induce and resolve inflammation. *Cell*, **2013**, 154, 213-27	56.2	174
208	Recovery from severe H7N9 disease is associated with diverse response mechanisms dominated by CD8+ T cells. *Nature Communications*, **2015**, 6, 6833	17.4	168
207	T cell receptor diversity inversely correlates with pathogen-specific antibody levels in human cytomegalovirus infection. *Science Translational Medicine*, **2012**, 4, 128ra42	17.5	165

206	New fronts emerge in the influenza cytokine storm. *Seminars in Immunopathology*, **2017**, 39, 541-550	12	155
205	Paired analysis of TCR□and TCR□chains at the single-cell level in mice. *Journal of Clinical Investigation*, **2011**, 121, 288-95	15.9	153
204	Distinct epigenetic signatures delineate transcriptional programs during virus-specific CD8(+) T cell differentiation. *Immunity*, **2014**, 41, 853-65	32.3	139
203	The kinase mTOR modulates the antibody response to provide cross-protective immunity to lethal infection with influenza virus. *Nature Immunology*, **2013**, 14, 1266-76	19.1	137
202	Influenza virus-related critical illness: pathophysiology and epidemiology. *Critical Care*, **2019**, 23, 258	10.8	135
201	Primary CTL response magnitude in mice is determined by the extent of naive T cell recruitment and subsequent clonal expansion. *Journal of Clinical Investigation*, **2010**, 120, 1885-94	15.9	129
200	Respiratory epithelial cells in innate immunity to influenza virus infection. *Cell and Tissue Research*, **2011**, 343, 13-21	4.2	122
199	Mucosal immune responses predict clinical outcomes during influenza infection independently of age and viral load. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 449-62	10.2	121
198	Influenza Virus Z-RNAs Induce ZBP1-Mediated Necroptosis. *Cell*, **2020**, 180, 1115-1129.e13	56.2	120
197	Immune biasing by helminth glycans. *Cellular Microbiology*, **2004**, 6, 13-22	3.9	117
196	Distinct inflammatory profiles distinguish COVID-19 from influenza with limited contributions from cytokine storm. *Science Advances*, **2020**, 6,	14.3	117
195	SNP-mediated disruption of CTCF binding at the IFITM3 promoter is associated with risk of severe influenza in humans. *Nature Medicine*, **2017**, 23, 975-983	50.5	110
194	Human CD8 T cell cross-reactivity across influenza A, B and C viruses. *Nature Immunology*, **2019**, 20, 613-625	25.1	109
193	Targeting phospholipase D in cancer, infection and neurodegenerative disorders. *Nature Reviews Drug Discovery*, **2017**, 16, 351-367	64.1	103
192	Understanding the drivers of MHC restriction of T cell receptors. *Nature Reviews Immunology*, **2018**, 18, 467-478	36.5	102
191	Influenza-specific lung-resident memory T cells are proliferative and polyfunctional and maintain diverse TCR profiles. *Journal of Clinical Investigation*, **2018**, 128, 721-733	15.9	99
190	Balancing Immune Protection and Immune Pathology by CD8(+) T-Cell Responses to Influenza Infection. *Frontiers in Immunology*, **2016**, 7, 25	8.4	99
189	Chromatin condensation via the condensin II complex is required for peripheral T-cell quiescence. *EMBO Journal*, **2011**, 30, 263-76	13	96

188	NFkappaB negatively regulates interferon-induced gene expression and anti-influenza activity. *Journal of Biological Chemistry*, **2006**, 281, 11678-84	5.4	94
187	Eosinophils Promote Antiviral Immunity in Mice Infected with Influenza A Virus. *Journal of Immunology*, **2017**, 198, 3214-3226	5.3	92
186	Quantitative impact of thymic selection on Foxp3+ and Foxp3- subsets of self-peptide/MHC class II-specific CD4+ T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 14602-7	11.5	89
185	Targeting Metabolic Reprogramming by Influenza Infection for Therapeutic Intervention. *Cell Reports*, **2017**, 19, 1640-1653	10.6	85
184	Enhanced Susceptibility of Ago1/3 Double-Null Mice to Influenza A Virus Infection. *Journal of Virology*, **2012**, 86, 8344-8344	6.6	78
183	T cell immunoglobulin and mucin protein-3 (Tim-3)/Galectin-9 interaction regulates influenza A virus-specific humoral and CD8 T-cell responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 19001-6	11.5	76
182	MR1-restricted mucosal-associated invariant T (MAIT) cells respond to mycobacterial vaccination and infection in nonhuman primates. *Mucosal Immunology*, **2017**, 10, 802-813	9.2	71
181	Highly pathological influenza A virus infection is associated with augmented expression of PD-1 by functionally compromised virus-specific CD8+ T cells. *Journal of Virology*, **2014**, 88, 1636-51	6.6	70
180	Clonally diverse CD38HLA-DRCD8 T cells persist during fatal H7N9 disease. *Nature Communications*, **2018**, 9, 824	17.4	69
179	Molecular basis for universal HLA-A*0201-restricted CD8+ T-cell immunity against influenza viruses. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 4440-5	11.5	68
178	Impact of the COVID-19 nonpharmaceutical interventions on influenza and other respiratory viral infections in New Zealand. *Nature Communications*, **2021**, 12, 1001	17.4	68
177	A helminth glycan induces APC maturation via alternative NF-kappa B activation independent of I kappa B alpha degradation. *Journal of Immunology*, **2005**, 175, 2082-90	5.3	66
176	Intratumoral injection of the seasonal flu shot converts immunologically cold tumors to hot and serves as an immunotherapy for cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 1119-1128	11.5	65
175	Gamma delta T cell reconstitution is associated with fewer infections and improved event-free survival after hematopoietic stem cell transplantation for pediatric leukemia. *Biology of Blood and Marrow Transplantation*, **2015**, 21, 130-6	4.7	64
174	Neonatal CD8 T-cell hierarchy is distinct from adults and is influenced by intrinsic T cell properties in respiratory syncytial virus infected mice. *PLoS Pathogens*, **2011**, 7, e1002377	7.6	63
173	Trans-nodal migration of resident dendritic cells into medullary interfollicular regions initiates immunity to influenza vaccine. *Journal of Experimental Medicine*, **2014**, 211, 1611-21	16.6	58
172	Ecological analysis of antigen-specific CTL repertoires defines the relationship between naive and immune T-cell populations. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 1839-44	11.5	57
171	Development of dual PLD1/2 and PLD2 selective inhibitors from a common 1,3,8-Triazaspiro[4.5]decane Core: discovery of Ml298 and Ml299 that decrease invasive migration in U87-MG glioblastoma cells. *Journal of Medicinal Chemistry*, **2013**, 56, 2695-9	8.3	56

170	Apoptosis-Inducing-Factor-Dependent Mitochondrial Function Is Required for T Cell but Not B Cell Function. *Immunity*, **2016**, 44, 88-102	32.3	55
169	Consequences of immunodominant epitope deletion for minor influenza virus-specific CD8+-T-cell responses. *Journal of Virology*, **2005**, 79, 4329-39	6.6	55
168	Immunity to seasonal and pandemic influenza A viruses. *Microbes and Infection*, **2011**, 13, 489-501	9.3	53
167	Protective efficacy of cross-reactive CD8+ T cells recognising mutant viral epitopes depends on peptide-MHC-I structural interactions and T cell activation threshold. *PLoS Pathogens*, **2010**, 6, e1001039	7.6	52
166	The Role of Extracellular Histones in Influenza Virus Pathogenesis. *American Journal of Pathology*, **2018**, 188, 135-148	5.8	52
165	Using T Cell Receptor Repertoires to Understand the Principles of Adaptive Immune Recognition. *Annual Review of Immunology*, **2019**, 37, 547-570	34.7	51
164	The neoepitope landscape in pediatric cancers. *Genome Medicine*, **2017**, 9, 78	14.4	51
163	Lipid composition of viral envelope of three strains of influenza virus - not all viruses are created equal. *ACS Infectious Diseases*, **2015**, 1, 399-452	5.5	50
162	Functional implications of T cell receptor diversity. *Current Opinion in Immunology*, **2009**, 21, 286-90	7.8	50
161	Pause on avian flu transmission research. *Science*, **2012**, 335, 400-1	33.3	50
160	Compromised respiratory function in lethal influenza infection is characterized by the depletion of type I alveolar epithelial cells beyond threshold levels. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2013**, 304, L481-8	5.8	49
159	An unexpected antibody response to an engineered influenza virus modifies CD8+ T cell responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 2764-9	11.5	48
158	Hidden epitopes emerge in secondary influenza virus-specific CD8+ T cell responses. *Journal of Immunology*, **2007**, 178, 3091-8	5.3	48
157	Influenza virus and SARS-CoV-2: pathogenesis and host responses in the respiratory tract. *Nature Reviews Microbiology*, **2021**, 19, 425-441	22.2	47
156	NKG2D signaling on CD8+ T cells represses T-bet and rescues CD4-unhelped CD8+ T cell memory recall but not effector responses. *Nature Medicine*, **2012**, 18, 422-8	50.5	45
155	Epitope-specific TCRbeta repertoire diversity imparts no functional advantage on the CD8+ T cell response to cognate viral peptides. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 2034-9	11.5	45
154	Parasite-secreted products regulate the host response to larval Taenia crassiceps. *Parasite Immunology*, **2000**, 22, 297-305	2.2	45
153	Mutational landscape and patterns of clonal evolution in relapsed pediatric acute lymphoblastic leukemia. *Blood Cancer Discovery*, **2020**, 1, 96-111	7	44

152	Pediatric patients with acute lymphoblastic leukemia generate abundant and functional neoantigen-specific CD8 T cell responses. *Science Translational Medicine*, **2019**, 11,	17.5	43
151	A multi-valent vaccine approach that elicits broad immunity within an influenza subtype. *Vaccine*, **2009**, 27, 1192-200	4.1	43
150	Lung T Cells Mediate Protective Responses during Neonatal Influenza Infection that Are Associated with Type 2 Immunity. *Immunity*, **2018**, 49, 531-544.e6	32.3	43
149	Phospholipase D facilitates efficient entry of influenza virus, allowing escape from innate immune inhibition. *Journal of Biological Chemistry*, **2014**, 289, 25405-17	5.4	42
148	Evaluation of IFITM3 rs12252 Association With Severe Pediatric Influenza Infection. *Journal of Infectious Diseases*, **2017**, 216, 14-21	7	41
147	Heightened self-reactivity associated with selective survival, but not expansion, of naïve virus-specific CD8+ T cells in aged mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 1333-8	11.5	40
146	Single-Cell Approach to Influenza-Specific CD8 T Cell Receptor Repertoires Across Different Age Groups, Tissues, and Following Influenza Virus Infection. *Frontiers in Immunology*, **2018**, 9, 1453	8.4	40
145	Cell-Intrinsic Barriers of T Cell-Based Immunotherapy. *Trends in Molecular Medicine*, **2016**, 22, 1000-1011	11.5	39
144	Exuberant fibroblast activity compromises lung function via ADAMTS4. *Nature*, **2020**, 587, 466-471	50.4	38
143	Hitting the Target: How T Cells Detect and Eliminate Tumors. *Journal of Immunology*, **2018**, 200, 392-399	5.3	37
142	Stress Kinase GCN2 Controls the Proliferative Fitness and Trafficking of Cytotoxic T Cells Independent of Environmental Amino Acid Sensing. *Cell Reports*, **2016**, 17, 2247-2258	10.6	36
141	Characterization of innate responses to influenza virus infection in a novel lung type I epithelial cell model. *Journal of General Virology*, **2014**, 95, 350-362	4.9	36
140	The two faces of heterologous immunity: protection or immunopathology. *Journal of Leukocyte Biology*, **2014**, 95, 405-16	6.5	36
139	Nucleotide oligomerization and binding domain 2-dependent dendritic cell activation is necessary for innate immunity and optimal CD8+ T Cell responses to influenza A virus infection. *Journal of Virology*, **2014**, 88, 8946-55	6.6	35
138	A comprehensive collection of systems biology data characterizing the host response to viral infection. *Scientific Data*, **2014**, 1, 140033	8.2	35
137	HLA targeting efficiency correlates with human T-cell response magnitude and with mortality from influenza A infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 13492-7	11.5	35
136	Quantification of epitope abundance reveals the effect of direct and cross-presentation on influenza CTL responses. *Nature Communications*, **2019**, 10, 2846	17.4	34
135	A constant companion: immune recognition and response to cytomegalovirus with aging and implications for immune fitness. *GeroScience*, **2017**, 39, 293-303	8.9	34

134	CD8 T cells specific for an immunodominant SARS-CoV-2 nucleocapsid epitope display high naive precursor frequency and TCR promiscuity. *Immunity*, **2021**, 54, 1066-1082.e5	32.3	34
133	Metabolic signaling directs the reciprocal lineage decisions of and T cells. *Science Immunology* , **2018**, 3,	28	33
132	Moving Forward: Recent Developments for the Ferret Biomedical Research Model. *MBio*, **2018**, 9,	7.8	33
131	Reproducible selection of high avidity CD8+ T-cell clones following secondary acute virus infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 1485-90	11.5	33
130	Detection of antibodies against Turkey astrovirus in humans. *PLoS ONE*, **2014**, 9, e96934	3.7	32
129	Rapid cloning, expression, and functional characterization of paired and T-cell receptor chains from single-cell analysis. *Molecular Therapy - Methods and Clinical Development*, **2016**, 3, 15054	6.4	32
128	Transmission studies resume for avian flu. *Science*, **2013**, 339, 520-1	33.3	31
127	Human H7N9 and H5N1 influenza viruses differ in induction of cytokines and tissue tropism. *Journal of Virology*, **2014**, 88, 12982-91	6.6	29
126	Implementing hospital-based surveillance for severe acute respiratory infections caused by influenza and other respiratory pathogens in New Zealand. *Western Pacific Surveillance and Response Journal: WPSAR*, **2014**, 5, 23-30	1	29
125	Screening monoclonal antibodies for cross-reactivity in the ferret model of influenza infection. *Journal of Immunological Methods*, **2008**, 336, 71-7	2.5	29
124	Paired TCR analysis of virus-specific CD8(+) T cells exposes diversity in a previously defined Qarrow repertoire. *Immunology and Cell Biology*, **2015**, 93, 804-14	5	28
123	Necroptosis restricts influenza A virus as a stand-alone cell death mechanism. *Journal of Experimental Medicine*, **2020**, 217,	16.6	28
122	Severe Influenza Is Characterized by Prolonged Immune Activation: Results From the SHIVERS Cohort Study. *Journal of Infectious Diseases*, **2018**, 217, 245-256	7	28
121	Respiratory tract epithelial cells express retinaldehyde dehydrogenase ALDH1A and enhance IgA production by stimulated B cells in the presence of vitamin A. *PLoS ONE*, **2014**, 9, e86554	3.7	28
120	Enhanced susceptibility of Ago1/3 double-null mice to influenza A virus infection. *Journal of Virology*, **2012**, 86, 4151-7	6.6	28
119	Tumor-intrinsic and -extrinsic determinants of response to blinatumomab in adults with B-ALL. *Blood*, **2021**, 137, 471-484	2.2	28
118	Towards integrating extracellular matrix and immunological pathways. *Cytokine*, **2017**, 98, 79-86	4	27
117	The effectiveness of seasonal trivalent inactivated influenza vaccine in preventing laboratory confirmed influenza hospitalisations in Auckland, New Zealand in 2012. *Vaccine*, **2014**, 32, 3687-93	4.1	27

116	T Cell receptor clonotype influences epitope hierarchy in the CD8+ T cell response to respiratory syncytial virus infection. *Journal of Biological Chemistry*, **2011**, 286, 4829-41	5.4	27
115	Virus-specific CD8+ T cells in the liver: armed and ready to kill. *Journal of Immunology*, **2007**, 178, 2737-45	5.3	27
114	Combination Therapy Targeting Platelet Activation and Virus Replication Protects Mice against Lethal Influenza Pneumonia. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 61, 689-701	5.7	25
113	Differential host response, rather than early viral replication efficiency, correlates with pathogenicity caused by influenza viruses. *PLoS ONE*, **2013**, 8, e74863	3.7	25
112	An Epithelial Integrin Regulates the Amplitude of Protective Lung Interferon Responses against Multiple Respiratory Pathogens. *PLoS Pathogens*, **2016**, 12, e1005804	7.6	25
111	Astrovirus infects actively secreting goblet cells and alters the gut mucus barrier. *Nature Communications*, **2020**, 11, 2097	17.4	24
110	Retinol binding protein and vitamin D associations with serum antibody isotypes, serum influenza virus-specific neutralizing activities and airway cytokine profiles. *Clinical and Experimental Immunology*, **2016**, 183, 239-47	6.2	24
109	Membrane association of the CD3 signaling domain is required for optimal T cell development and function. *Journal of Immunology*, **2014**, 193, 258-67	5.3	24
108	Identifying T Cell Receptors from High-Throughput Sequencing: Dealing with Promiscuity in TCR and TCR Pairing. *PLoS Computational Biology*, **2017**, 13, e1005313	5	24
107	Human T-cell receptor repertoire is shaped by influenza viruses, age and tissue compartmentalisation. *Clinical and Translational Immunology*, **2019**, 8, e1079	6.8	23
106	Single-Cell Analysis of T-Cell Receptor Repertoire. *Methods in Molecular Biology*, **2015**, 1343, 181-97	1.4	22
105	SARS-CoV-2 mRNA vaccination elicits a robust and persistent T follicular helper cell response in humans.. *Cell*, **2021**,	56.2	22
104	Maintenance of the EBV-specific CD8 TCR repertoire in immunosuppressed lung transplant recipients. *Immunology and Cell Biology*, **2017**, 95, 77-86	5	21
103	Southern Hemisphere Influenza and Vaccine Effectiveness Research and Surveillance. *Influenza and Other Respiratory Viruses*, **2015**, 9, 179-90	5.6	21
102	Physiological numbers of CD4+ T cells generate weak recall responses following influenza virus challenge. *Journal of Immunology*, **2010**, 184, 1721-7	5.3	21
101	Respiratory Mucosal Proteome Quantification in Human Influenza Infections. *PLoS ONE*, **2016**, 11, e0153674	3.7	21
100	Human Mucosal-Associated Invariant T Cells in Older Individuals Display Expanded TCR Clonotypes with Potent Antimicrobial Responses. *Journal of Immunology*, **2020**, 204, 1119-1133	5.3	20
99	Oseltamivir Prophylaxis Reduces Inflammation and Facilitates Establishment of Cross-Strain Protective T Cell Memory to Influenza Viruses. *PLoS ONE*, **2015**, 10, e0129768	3.7	20

98	Bach2 Negatively Regulates T Follicular Helper Cell Differentiation and Is Critical for CD4 T Cell Memory. *Journal of Immunology*, **2019**, 202, 2991-2998	5.3	19
97	Cytokine Profiles of Severe Influenza Virus-Related Complications in Children. *Frontiers in Immunology*, **2017**, 8, 1423	8.4	19
96	Terminal deoxynucleotidyltransferase is required for the establishment of private virus-specific CD8+ TCR repertoires and facilitates optimal CTL responses. *Journal of Immunology*, **2008**, 181, 2556-62	5.3	18
95	Simulation modelling for immunologists. *Nature Reviews Immunology*, **2020**, 20, 186-195	36.5	18
94	The immune correlates of protection for an avian influenza H5N1 vaccine in the ferret model using oil-in-water adjuvants. *Scientific Reports*, **2017**, 7, 44727	4.9	17
93	Interrogating the relationship between naïve and immune antiviral T cell repertoires. *Current Opinion in Virology*, **2013**, 3, 447-51	7.5	17
92	Targeted Immunosuppression Distinguishes COVID-19 from Influenza in Moderate and Severe Disease **2020**,		17
91	Past Life and Future Effects-How Heterologous Infections Alter Immunity to Influenza Viruses. *Frontiers in Immunology*, **2018**, 9, 1071	8.4	16
90	The human side of influenza. *Journal of Leukocyte Biology*, **2012**, 92, 83-96	6.5	16
89	Genome-wide CRISPR screen reveals PSMA6 to be an essential gene in pancreatic cancer cells. *BMC Cancer*, **2019**, 19, 253	4.8	15
88	Non-oncogenic Acute Viral Infections Disrupt Anti-cancer Responses and Lead to Accelerated Cancer-Specific Host Death. *Cell Reports*, **2016**, 17, 957-965	10.6	15
87	Larval Taenia crassiceps secretes a protein with characteristics of murine interferon-gamma. *Parasitology Research*, **2002**, 88, 431-8	2.4	15
86	Establishment of memory CD8+ T cells with live attenuated influenza virus across different vaccination doses. *Journal of General Virology*, **2016**, 97, 3205-3214	4.9	15
85	Characterizing Emerging Canine H3 Influenza Viruses. *PLoS Pathogens*, **2020**, 16, e1008409	7.6	15
84	Diverse heterologous primary infections radically alter immunodominance hierarchies and clinical outcomes following H7N9 influenza challenge in mice. *PLoS Pathogens*, **2015**, 11, e1004642	7.6	14
83	The TNF Superfamily Molecule LIGHT Promotes the Generation of Circulating and Lung-Resident Memory CD8 T Cells following an Acute Respiratory Virus Infection. *Journal of Immunology*, **2018**, 200, 2894-2904	5.3	14
82	Selected before selection: A case for inherent antigen bias in the T cell receptor repertoire. *Current Opinion in Systems Biology*, **2019**, 18, 36-43	3.2	14
81	Chronic helminth infections impair pneumococcal vaccine responses. *Vaccine*, **2014**, 32, 5405-10	4.1	14

80	HVEM Imprints Memory Potential on Effector CD8 T Cells Required for Protective Mucosal Immunity. *Journal of Immunology*, **2017**, 199, 2968-2975	5.3	14
79	Discovery of a highly selective PLD2 inhibitor (ML395): a new probe with improved physiochemical properties and broad-spectrum antiviral activity against influenza strains. *ChemMedChem*, **2014**, 9, 2633-7	3.7	14
78	Dendritic cells activated by an anti-inflammatory agent induce CD4(+) T helper type 2 responses without impairing CD8(+) memory and effector cytotoxic T-lymphocyte responses. *Immunology*, **2010**, 129, 406-17	7.8	14
77	Contemporary seasonal influenza A (H1N1) virus infection primes for a more robust response to split inactivated pandemic influenza A (H1N1) Virus vaccination in ferrets. *Vaccine Journal*, **2010**, 17, 1998-2006		14
76	Host detection and the stealthy phenotype in influenza virus infection. *Current Topics in Microbiology and Immunology*, **2015**, 386, 121-47	3.3	13
75	Inflammatory molecule reduction with hydroxyurea therapy in children with sickle cell anemia. *Haematologica*, **2018**, 103, e50-e54	6.6	13
74	A Modular Cytokine Analysis Method Reveals Novel Associations With Clinical Phenotypes and Identifies Sets of Co-signaling Cytokines Across Influenza Natural Infection Cohorts and Healthy Controls. *Frontiers in Immunology*, **2019**, 10, 1338	8.4	12
73	Protective memory responses are modulated by priming events prior to challenge. *Journal of Virology*, **2010**, 84, 1047-56	6.6	12
72	A population of proinflammatory T cells coexpresses and T cell receptors in mice and humans. *Journal of Experimental Medicine*, **2020**, 217,	16.6	12
71	Helminth infections predispose mice to pneumococcal pneumonia but not to other pneumonic pathogens. *Medical Microbiology and Immunology*, **2014**, 203, 357-64	4	11
70	Influenza epitope-specific CD8+ T cell avidity, but not cytokine polyfunctionality, can be determined by TCR clonotype. *Journal of Immunology*, **2010**, 185, 6850-6	5.3	11
69	Immunology of SARS-CoV-2 infection in children.. *Nature Immunology*, **2022**, 23, 177-185	19.1	11
68	Exogenous remodeling of lung resident macrophages protects against infectious consequences of bone marrow-suppressive chemotherapy. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E6153-E6161	11.5	10
67	Integrating T cell receptor sequences and transcriptional profiles by clonotype neighbor graph analysis (CoNGA). *Nature Biotechnology*, **2021**,	44.5	10
66	ADAR1 masks the cancer immunotherapeutic promise of ZBP1-driven necroptosis. *Nature*,	50.4	9
65	Potential killers exposed: tracking endogenous influenza-specific CD8 T cells. *Immunology and Cell Biology*, **2018**, 96, 1104-1119	5	8
64	Seasonal influenza vaccination is the strongest correlate of cross-reactive antibody responses in migratory bird handlers. *MBio*, **2014**, 5, e02107	7.8	8
63	A Cell for the Ages: Human T Cells across the Lifespan. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8

62	Immune cellular networks underlying recovery from influenza virus infection in acute hospitalized patients. *Nature Communications*, **2021**, 12, 2691	17.4	8
61	Activity of enisamium, an isonicotinic acid derivative, against influenza viruses in differentiated normal human bronchial epithelial cells. *Antiviral Chemistry and Chemotherapy*, **2018**, 26, 2040206618811416	3.5	8
60	Intranasal influenza infection of mice and methods to evaluate progression and outcome. *Methods in Molecular Biology*, **2013**, 1031, 177-88	1.4	7
59	ZBP1/DAI-Dependent Cell Death Pathways in Influenza A Virus Immunity and Pathogenesis. *Current Topics in Microbiology and Immunology*, **2020**, 1	3.3	7
58	Human Susceptibility to Influenza Infection and Severe Disease. *Cold Spring Harbor Perspectives in Medicine*, **2021**, 11,	5.4	7
57	SARS-CoV-2 mRNA vaccination elicits robust and persistent T follicular helper cell response in humans		7
56	Count on us: T cells in SARS-CoV-2 infection and vaccination.. *Cell Reports Medicine*, **2022**, 3, 100562	18	7
55	Defining the risk of SARS-CoV-2 variants on immune protection.. *Nature*, **2022**,	50.4	7
54	SARS-CoV-2 antigen exposure history shapes phenotypes and specificity of memory CD8 T cells.. *Nature Immunology*, **2022**,	19.1	7
53	Vascular Permeability Drives Susceptibility to Influenza Infection in a Murine Model of Sickle Cell Disease. *Scientific Reports*, **2017**, 7, 43308	4.9	6
52	Treatment response and outcome of children with T-cell acute lymphoblastic leukemia expressing the gamma-delta T-cell receptor. *OncoImmunology*, **2019**, 8, 1599637	7.2	6
51	Clonally related CD8+ T cells responsible for rapid population of both diffuse nasal-associated lymphoid tissue and lung after respiratory virus infection. *Journal of Immunology*, **2011**, 187, 835-41	5.3	6
50	Convergent epitope-specific T cell responses after SARS-CoV-2 infection and vaccination **2021**,		6
49	Dangerous for ferrets: lethal for humans?. *BMC Biology*, **2012**, 10, 10	7.3	5
48	Pre-existing humoral immunity to human common cold coronaviruses negatively impacts the protective SARS-CoV-2 antibody response.. *Cell Host and Microbe*, **2021**,	23.4	5
47	Impact of the COVID-19 nonpharmaceutical interventions on influenza and other respiratory viral infections in New Zealand **2020**,		5
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