Paul G. Thomas

List of Publications by Year
in descending order

219 papers	17,608 citations	15504 65 h-index	19190 118 g-index
246 all docs	246 docs citations	246 times ranked	23802 citing authors

#	Article	IF	Citations
1	Integrating T cell receptor sequences and transcriptional profiles by clonotype neighbor graph analysis (CoNGA). Nature Biotechnology, 2022, 40, 54-63.	17.5	65
2	Pre-existing humoral immunity to human common cold coronaviruses negatively impacts the protective SARS-CoV-2 antibody response. Cell Host and Microbe, 2022, 30, 83-96.e4.	11.0	64
3	Preexisting memory CD4 T cells in naÃ¯ve individuals confer robust immunity upon hepatitis B vaccination. ELife, 2022, 11, .	6.0	11
4	Preventing packaging of translatable P5-associated DNA contaminants in recombinant AAV vector preps. Molecular Therapy - Methods and Clinical Development, 2022, 24, 280-291.	4.1	5
5	PKC agonism restricts innate immune suppression, promotes antigen cross-presentation and synergizes with agonistic CD40 antibody therapy to activate CD8+ T cells in breast cancer. Cancer Letters, 2022, 531, 98-108.	7.2	6
6	Immunology of SARS-CoV-2 infection in children. Nature Immunology, 2022, 23, 177-185.	14.5	102
7	Antigen cross-presentation in young tumor-bearing hosts promotes CD8 ⁺ T cell terminal differentiation. Science Immunology, 2022, 7, eabf6136.	11.9	5
8	SARS-CoV-2 mRNA vaccination elicits a robust and persistent T follicular helper cell response in humans. Cell, 2022, 185, 603-613.e15.	28.9	176
9	A novel unconventional T cell population enriched in Crohnâ€™s disease. Gut, 2022, 71, 2194-2204.	12.1	22
10	Combining genotypes and T cell receptor distributions to infer genetic loci determining V(D)J recombination probabilities. ELife, 2022, 11, .	6.0	12
11	Count on us: TÂcells in SARS-CoV-2 infection and vaccination. Cell Reports Medicine, 2022, 3, 100562.	6.5	86
12	Defining the risk of SARS-CoV-2 variants on immune protection. Nature, 2022, 605, 640-652.	27.8	117
13	Induction of broadly reactive influenza antibodies increases susceptibility to autoimmunity. Cell Reports, 2022, 38, 110482.	6.4	7
14	SARS-CoV-2 antigen exposure history shapes phenotypes and specificity of memory CD8+ T cells. Nature Immunology, 2022, 23, 781-790.	14.5	116
15	Host Predictors of Broadly Cross-Reactive Antibodies Against Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variants of Concern Differ Between Infection and Vaccination. Clinical Infectious Diseases, 2022, 75, e705-e714.	5.8	10
16	Preferential expansion of CD8+ CD19-CAR T cells postinfusion and the role of disease burden on outcome in pediatric B-ALL. Blood Advances, 2022, 6, 5737-5749.	5.2	20
17	An adaptive, asymptomatic SARS-CoV-2 workforce screening program providing real-time, actionable monitoring of the COVID-19 pandemic. PLoS ONE, 2022, 17, e0268237.	2.5	3
18	Mucosal immune responses to infection and vaccination in the respiratory tract. Immunity, 2022, 55, 749-780.	14.3	66

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19	CCL22 mutations drive natural killer cell lymphoproliferative disease by deregulating microenvironmental crosstalk. Nature Genetics, 2022, 54, 637-648.	21.4	13
20	SARS-CoV-2 infection results in immune responses in the respiratory tract and peripheral blood that suggest mechanisms of disease severity. Nature Communications, 2022, 13, 2774.	12.8	21
21	PARIS and SPARTA: Finding the Achillesâ€™ Heel of SARS-CoV-2. MSphere, 2022, 7, e0017922.	2.9	25
22	Twelve-Month Longitudinal Serology in SARS-CoV-2 NaÃ¯ve and Experienced Vaccine Recipients and Unvaccinated COVID-19-Infected Individuals. Vaccines, 2022, 10, 813.	4.4	4
23	ADAR1 masks the cancer immunotherapeutic promise of ZBP1-driven necroptosis. Nature, 2022, 606, 594-602.	27.8	149
24	SARS-CoV-2-specific TÂcell memory with common TCRÎ±Î² motifs is established in unvaccinated children who seroconvert after infection. Immunity, 2022, 55, 1299-1315.e4.	14.3	23
25	Resolving SARS-CoV-2 CD4+ TÂcell specificity via reverse epitope discovery. Cell Reports Medicine, 2022, 3, 100697.	6.5	25
26	Common Trajectories of Highly Effective CD19-Specific CAR T Cells Identified by Endogenous T-cell Receptor Lineages. Cancer Discovery, 2022, 12, 2098-2119.	9.4	24
27	Human Susceptibility to Influenza Infection and Severe Disease. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a038711.	6.2	13
28	Tumor-intrinsic and -extrinsic determinants of response to blinatumomab in adults with B-ALL. Blood, 2021, 137, 471-484.	1.4	70
29	The Public Face and Private Lives of T Cell Receptor Repertoires. , 2021, , 171-202.		2
30	T _{RH} cells, helpers making an impact in their local community. Science Immunology, 2021, 6, .	11.9	1
31	Impact of the COVID-19 nonpharmaceutical interventions on influenza and other respiratory viral infections in New Zealand. Nature Communications, 2021, 12, 1001.	12.8	268
32	Circulating CD4 T Cells Elicited by Endemic Coronaviruses Display Vast Disparities in Abundance and Functional Potential Linked to Antigen Specificity and Age. Journal of Infectious Diseases, 2021, 223, 1555-1563.	4.0	6
33	Activated CD4+ TÂcells and CD14hiCD16+ monocytes correlate with antibody response following influenza virus infection in humans. Cell Reports Medicine, 2021, 2, 100237.	6.5	4
34	Influenza virus and SARS-CoV-2: pathogenesis and host responses in the respiratory tract. Nature Reviews Microbiology, 2021, 19, 425-441.	28.6	202
35	Immune cellular networks underlying recovery from influenza virus infection in acute hospitalized patients. Nature Communications, 2021, 12, 2691.	12.8	34
36	Beryllium-specific CD4+ T cells induced by chemokine neoantigens perpetuate inflammation. Journal of Clinical Investigation, 2021, 131, .	8.2	9

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37	CD8+ TÂcells specific for an immunodominant SARS-CoV-2 nucleocapsid epitope display high naive precursor frequency and TCR promiscuity. Immunity, 2021, 54, 1066-1082.e5.	14.3	106
38	Neuroblastoma Formation Requires Unconventional CD4 T Cells and Arginase-1â€“Dependent Myeloid Cells. Cancer Research, 2021, 81, 5047-5059.	0.9	28
39	NUDT15 polymorphism influences the metabolism and therapeutic effects of acyclovir and ganciclovir. Nature Communications, 2021, 12, 4181.	12.8	11
40	Cross-reactive Antibody Response to mRNA SARS-CoV-2 Vaccine After Recent COVID-19-Specific Monoclonal Antibody Therapy. Open Forum Infectious Diseases, 2021, 8, ofab420.	0.9	12
41	Quantifying T Cell Cross-Reactivity: Influenza and Coronaviruses. Viruses, 2021, 13, 1786.	3.3	3
42	An Assessment of Serological Assays for SARS-CoV-2 as Surrogates for Authentic Virus Neutralization. Microbiology Spectrum, 2021, 9, e0105921.	3.0	14
43	Targeting the spliceosome through RBM39 degradation results in exceptional responses in high-risk neuroblastoma models. Science Advances, 2021, 7, eabj5405.	10.3	32
44	A Novel Humanized Murine Model to Identify Neoantigen-Specific T Cells in CBFA2T3-GLIS2 Positive Acute Megakaryoblastic Leukemia. Blood, 2021, 138, 1708-1708.	1.4	0
45	TCR meta-clonotypes for biomarker discovery with tcrdist3 enabled identification of public, HLA-restricted clusters of SARS-CoV-2 TCRs. ELife, 2021, 10, .	6.0	76
46	SARS-CoV-2 Transmission Dynamics in Households With Children, Los Angeles, California. Frontiers in Pediatrics, 2021, 9, 752993.	1.9	17
47	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.	7.1	140
48	Simulation modelling for immunologists. Nature Reviews Immunology, 2020, 20, 186-195.	22.7	34
49	A Cell for the Ages: Human Î³Î´ T Cells across the Lifespan. International Journal of Molecular Sciences, 2020, 21, 8903.	4.1	22
50	Distinct inflammatory profiles distinguish COVID-19 from influenza with limited contributions from cytokine storm. Science Advances, 2020, 6, .	10.3	204
51	One hundred years of (influenza) immunopathology. Advances in Virus Research, 2020, 107, 247-284.	2.1	3
52	Exuberant fibroblast activity compromises lung function via ADAMTS4. Nature, 2020, 587, 466-471.	27.8	108
53	A population of proinflammatory T cells coexpresses Î±Î² and Î³Î´ T cell receptors in mice and humans. Journal of Experimental Medicine, 2020, 217, .	8.5	33
54	Overlapping Peptides Elicit Distinct CD8+ T Cell Responses following Influenza A Virus Infection. Journal of Immunology, 2020, 205, 1731-1742.	0.8	9

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55	Necroptosis restricts influenza A virus as a stand-alone cell death mechanism. Journal of Experimental Medicine, 2020, 217, .	8.5	60
56	Nasal Wash Cytokines during Respiratory Viral Infection in Pediatric Allogeneic Hematopoietic Cell-Transplant Recipients. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 349-361.	2.9	2
57	Influenza Virus Z-RNAs Induce ZBP1-Mediated Necroptosis. Cell, 2020, 180, 1115-1129.e13.	28.9	288
58	Human Mucosal-Associated Invariant T Cells in Older Individuals Display Expanded TCRÎ±Î² Clonotypes with Potent Antimicrobial Responses. Journal of Immunology, 2020, 204, 1119-1133.	0.8	36
59	Mutational Landscape and Patterns of Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. Blood Cancer Discovery, 2020, 1, 96-111.	5.0	93
60	Astrovirus infects actively secreting goblet cells and alters the gut mucus barrier. Nature Communications, 2020, 11, 2097.	12.8	61
61	Characterizing Emerging Canine H3 Influenza Viruses. PLoS Pathogens, 2020, 16, e1008409.	4.7	29
62	OSTPDL1: A phase II study of avelumab, a monoclonal antibody targeting programmed death-ligand 1 (PD-L1) in adolescent and young adult patients with recurrent or progressive osteosarcoma.. Journal of Clinical Oncology, 2020, 38, 10521-10521.	1.6	6
63	Mutational Landscape and Patterns of Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. Blood Cancer Discovery, 2020, 1, 96-111.	5.0	3
64	Influenza virus-related critical illness: pathophysiology and epidemiology. Critical Care, 2019, 23, 258.	5.8	286
65	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.	4.8	25
66	Quantification of epitope abundance reveals the effect of direct and cross-presentation on influenza CTL responses. Nature Communications, 2019, 10, 2846.	12.8	70
67	Pediatric patients with acute lymphoblastic leukemia generate abundant and functional neoantigen-specific CD8 ⁺ T cell responses. Science Translational Medicine, 2019, 11, .	12.4	66
68	Selected before selection: A case for inherent antigen bias in the T-cell receptor repertoire. Current Opinion in Systems Biology, 2019, 18, 36-43.	2.6	17
69	Human Î³Î´ Tâ€cell receptor repertoire is shaped by influenza viruses, age and tissue compartmentalisation. Clinical and Translational Immunology, 2019, 8, e1079.	3.8	40
70	Using T Cell Receptor Repertoires to Understand the Principles of Adaptive Immune Recognition. Annual Review of Immunology, 2019, 37, 547-570.	21.8	122
71	Treatment response and outcome of children with T-cell acute lymphoblastic leukemia expressing the gamma-delta T-cell receptor. OncoImmunology, 2019, 8, 1599637.	4.6	12
72	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.	2.9	45

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73	Genome-wide CRISPR screen reveals PSMA6 to be an essential gene in pancreatic cancer cells. BMC Cancer, 2019, 19, 253.	2.6	22
74	Bach2 Negatively Regulates T Follicular Helper Cell Differentiation and Is Critical for CD4+ T Cell Memory. Journal of Immunology, 2019, 202, 2991-2998.	0.8	25
75	Human CD8+ T cell cross-reactivity across influenza A, B and C viruses. Nature Immunology, 2019, 20, 613-625.	14.5	180
76	ZBP1/DAI-Dependent Cell Death Pathways in Influenza A Virus Immunity and Pathogenesis. Current Topics in Microbiology and Immunology, 2019, , 1.	1.1	11
77	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.	0.8	23
78	Clonally diverse CD38+HLA-DR+CD8+ T cells persist during fatal H7N9 disease. Nature Communications, 2018, 9, 824.	12.8	107
79	VDJdb: a curated database of T-cell receptor sequences with known antigen specificity. Nucleic Acids Research, 2018, 46, D419-D427.	14.5	391
80	Severe Influenza Is Characterized by Prolonged Immune Activation: Results From the SHIVERS Cohort Study. Journal of Infectious Diseases, 2018, 217, 245-256.	4.0	44
81	Understanding the drivers of MHC restriction of T cell receptors. Nature Reviews Immunology, 2018, 18, 467-478.	22.7	214
82	Hitting the Target: How T Cells Detect and Eliminate Tumors. Journal of Immunology, 2018, 200, 392-399.	0.8	67
83	The Role of Extracellular Histones in Influenza Virus Pathogenesis. American Journal of Pathology, 2018, 188, 135-148.	3.8	69
84	Inflammatory molecule reduction with hydroxyurea therapy in children with sickle cell anemia. Haematologica, 2018, 103, e50-e54.	3.5	25
85	Activity of enisamium, an isonicotinic acid derivative, against influenza viruses in differentiated normal human bronchial epithelial cells. Antiviral Chemistry and Chemotherapy, 2018, 26, 204020661881141.	0.6	17
86	The expanding role of systems immunology in decoding the T cell receptor repertoire. Current Opinion in Systems Biology, 2018, 12, 37-45.	2.6	4
87	Lung Î³Î´ T Cells Mediate Protective Responses during Neonatal Influenza Infection that Are Associated with Type 2 Immunity. Immunity, 2018, 49, 531-544.e6.	14.3	85
88	Bohemian T cell receptors: sketching the repertoires of unconventional lymphocytes. Immunological Reviews, 2018, 284, 79-90.	6.0	7
89	Past Life and Future Effectsâ€"How Heterologous Infections Alter Immunity to Influenza Viruses. Frontiers in Immunology, 2018, 9, 1071.	4.8	28
90	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.	4.8	63

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91	Metabolic signaling directs the reciprocal lineage decisions of Î±Î² and Î³Î´ T cells. Science Immunology, 2018, 3, .	11.9	63
92	Potential killers exposed: tracking endogenous influenzaâ€specific CD8⁺ T cells. Immunology and Cell Biology, 2018, 96, 1104-1119.	2.3	12
93	Moving Forward: Recent Developments for the Ferret Biomedical Research Model. MBio, 2018, 9, .	4.1	52
94	Influenza-specific lung-resident memory T cells are proliferative and polyfunctional and maintain diverse TCR profiles. Journal of Clinical Investigation, 2018, 128, 721-733.	8.2	147
95	Targeting phospholipase D in cancer, infection and neurodegenerative disorders. Nature Reviews Drug Discovery, 2017, 16, 351-367.	46.4	161
96	Vascular Permeability Drives Susceptibility to Influenza Infection in a Murine Model of Sickle Cell Disease. Scientific Reports, 2017, 7, 43308.	3.3	7
97	Quantifiable predictive features define epitope-specific T cell receptor repertoires. Nature, 2017, 547, 89-93.	27.8	723
98	De Novo Epigenetic Programs Inhibit PD-1 Blockade-Mediated T Cell Rejuvenation. Cell, 2017, 170, 142-157.e19.	28.9	536
99	New fronts emerge in the influenza cytokine storm. Seminars in Immunopathology, 2017, 39, 541-550.	6.1	220
100	Evaluation of IFITM3 rs12252 Association With Severe Pediatric Influenza Infection. Journal of Infectious Diseases, 2017, 216, 14-21.	4.0	58
101	Targeting Metabolic Reprogramming by Influenza Infection for Therapeutic Intervention. Cell Reports, 2017, 19, 1640-1653.	6.4	127
102	Towards integrating extracellular matrix and immunological pathways. Cytokine, 2017, 98, 79-86.	3.2	54
103	Surveillance states. Nature Structural and Molecular Biology, 2017, 24, 339-341.	8.2	1
104	Eosinophils Promote Antiviral Immunity in Mice Infected with Influenza A Virus. Journal of Immunology, 2017, 198, 3214-3226.	0.8	133
105	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.	3.3	19
106	Transcription factor ZNF148 is a negative regulator of human muscle differentiation. Scientific Reports, 2017, 7, 8138.	3.3	7
107	HVEM Imprints Memory Potential on Effector CD8 T Cells Required for Protective Mucosal Immunity. Journal of Immunology, 2017, 199, 2968-2975.	0.8	26
108	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.	30.7	172

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109	A constant companion: immune recognition and response to cytomegalovirus with aging and implications for immune fitness. GeroScience, 2017, 39, 293-303.	4.6	39
110	MR1-restricted mucosal-associated invariant T (MAIT) cells respond to mycobacterial vaccination and infection in nonhuman primates. Mucosal Immunology, 2017, 10, 802-813.	6.0	98
111	Maintenance of the EBVâ€specific CD8⁺ TCRÎ±Î² repertoire in immunosuppressed lung transplant recipients. Immunology and Cell Biology, 2017, 95, 77-86.	2.3	31
112	Cytokine Profiles of Severe Influenza Virus-Related Complications in Children. Frontiers in Immunology, 2017, 8, 1423.	4.8	38
113	The neoepitope landscape in pediatric cancers. Genome Medicine, 2017, 9, 78.	8.2	77
114	Identifying T Cell Receptors from High-Throughput Sequencing: Dealing with Promiscuity in TCRÎ± and TCRÎ² Pairing. PLoS Computational Biology, 2017, 13, e1005313.	3.2	42
115	Balancing Immune Protection and Immune Pathology by CD8+ T-Cell Responses to Influenza Infection. Frontiers in Immunology, 2016, 7, 25.	4.8	128
116	Rapid cloning, expression, and functional characterization of paired Î±Î² and Î³Î´ T-cell receptor chains from single-cell analysis. Molecular Therapy - Methods and Clinical Development, 2016, 3, 15054.	4.1	45
117	Molecular basis for universal HLA-A*0201â€“restricted CD8 ⁺ T-cell immunity against influenza viruses. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4440-4445.	7.1	122
118	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.	7.1	16
119	Defining antigen-specific plasmablast and memory B cell subsets in human blood after viral infection or vaccination. Nature Immunology, 2016, 17, 1226-1234.	14.5	348
120	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.	6.4	52
121	DAI Senses Influenza A Virus Genomic RNA and Activates RIPK3-Dependent Cell Death. Cell Host and Microbe, 2016, 20, 674-681.	11.0	292
122	Non-oncogenic Acute Viral Infections Disrupt Anti-cancer Responses and Lead to Accelerated Cancer-Specific Host Death. Cell Reports, 2016, 17, 957-965.	6.4	22
123	Cell-Intrinsic Barriers of T Cell-Based Immunotherapy. Trends in Molecular Medicine, 2016, 22, 1000-1011.	6.7	60
124	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.	11.0	299
125	Apoptosis-Inducing-Factor-Dependent Mitochondrial Function Is Required for T Cell but Not B Cell Function. Immunity, 2016, 44, 88-102.	14.3	69
126	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, 239-247.	2.6	32

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127	Heightened self-reactivity associated with selective survival, but not expansion, of naÃ¯ve virus-specific CD8 ⁺ T cells in aged mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1333-1338.	7.1	45
128	Establishment of memory CD8+ T cells with live attenuated influenza virus across different vaccination doses. Journal of General Virology, 2016, 97, 3205-3214.	2.9	17
129	Respiratory Mucosal Proteome Quantification in Human Influenza Infections. PLoS ONE, 2016, 11, e0153674.	2.5	24
130	An Epithelial Integrin Regulates the Amplitude of Protective Lung Interferon Responses against Multiple Respiratory Pathogens. PLoS Pathogens, 2016, 12, e1005804.	4.7	37
131	Southern Hemisphere Influenza and Vaccine Effectiveness Research and Surveillance. Influenza and Other Respiratory Viruses, 2015, 9, 179-190.	3.4	28
132	Oseltamivir Prophylaxis Reduces Inflammation and Facilitates Establishment of Cross-Strain Protective T Cell Memory to Influenza Viruses. PLoS ONE, 2015, 10, e0129768.	2.5	24
133	Recovery from severe H7N9 disease is associated with diverse response mechanisms dominated by CD8+ T cells. Nature Communications, 2015, 6, 6833.	12.8	241
134	Immunity to Influenza. Preventing Infection and Regulating Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 248-251.	5.6	3
135	Diverse Heterologous Primary Infections Radically Alter Immunodominance Hierarchies and Clinical Outcomes Following H7N9 Influenza Challenge in Mice. PLoS Pathogens, 2015, 11, e1004642.	4.7	20
136	Lipid Composition of the Viral Envelope of Three Strains of Influenza Virusâ€"Not All Viruses Are Created Equal. ACS Infectious Diseases, 2015, 1, 435-442.	3.8	77
137	Cytomegalovirus infection enhances the immune response to influenza. Science Translational Medicine, 2015, 7, 281ra43.	12.4	277
138	Paired TCRÎ±Î² analysis of virusâ€specific CD8⁺ T cells exposes diversity in a previously defined â€˜narrowâ€™ repertoire. Immunology and Cell Biology, 2015, 93, 804-814.	2.3	40
139	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, 130-136.	2.0	92
140	Single-Cell Analysis of T-Cell Receptor Î±Î² Repertoire. Methods in Molecular Biology, 2015, 1343, 181-197.	0.9	32
141	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.	2.5	35
142	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.	0.6	36
143	Membrane Association of the CD3Îµ Signaling Domain Is Required for Optimal T Cell Development and Function. Journal of Immunology, 2014, 193, 258-267.	0.8	29
144	Phospholipase D Facilitates Efficient Entry of Influenza Virus, Allowing Escape from Innate Immune Inhibition. Journal of Biological Chemistry, 2014, 289, 25405-25417.	3.4	52

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145	A comprehensive collection of systems biology data characterizing the host response to viral infection. Scientific Data, 2014, 1, 140033.	5.3	62
146	Seasonal Influenza Vaccination Is the Strongest Correlate of Cross-Reactive Antibody Responses in Migratory Bird Handlers. MBio, 2014, 5, e02107.	4.1	10
147	Discovery of a Highly Selective PLD2 Inhibitor (ML395): A New Probe with Improved Physiochemical Properties and Broadâ€Spectrum Antiviral Activity against Influenza Strains. ChemMedChem, 2014, 9, 2633-2637.	3.2	18
148	Trans-nodal migration of resident dendritic cells into medullary interfollicular regions initiates immunity to influenza vaccine. Journal of Experimental Medicine, 2014, 211, 1611-1621.	8.5	76
149	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, 449-462.	5.6	152
150	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, 1636-1651.	3.4	90
151	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, 1485-1490.	7.1	38
152	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.	2.9	37
153	Distinct Epigenetic Signatures Delineate Transcriptional Programs during Virus-Specific CD8+ T Cell Differentiation. Immunity, 2014, 41, 853-865.	14.3	189
154	Human H7N9 and H5N1 Influenza Viruses Differ in Induction of Cytokines and Tissue Tropism. Journal of Virology, 2014, 88, 12982-12991.	3.4	36
155	Host Detection and the Stealthy Phenotype in Influenza Virus Infection. Current Topics in Microbiology and Immunology, 2014, 386, 121-147.	1.1	16
156	Chronic helminth infections impair pneumococcal vaccine responses. Vaccine, 2014, 32, 5405-5410.	3.8	18
157	Helminth infections predispose mice to pneumococcal pneumonia but not to other pneumonic pathogens. Medical Microbiology and Immunology, 2014, 203, 357-364.	4.8	14
158	The effectiveness of seasonal trivalent inactivated influenza vaccine in preventing laboratory confirmed influenza hospitalisations in Auckland, New Zealand in 2012. Vaccine, 2014, 32, 3687-3693.	3.8	27
159	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, 8946-8955.	3.4	44
160	Detection of Antibodies against Turkey Astrovirus in Humans. PLoS ONE, 2014, 9, e96934.	2.5	42
161	The kinase mTOR modulates the antibody response to provide cross-protective immunity to lethal infection with influenza virus. Nature Immunology, 2013, 14, 1266-1276.	14.5	169
162	Depletion of Alveolar Macrophages during Influenza Infection Facilitates Bacterial Superinfections. Journal of Immunology, 2013, 191, 1250-1259.	0.8	331

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163	Ecological analysis of antigen-specific CTL repertoires defines the relationship between naÃ¯ve and immune T-cell populations. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1839-1844.	7.1	66
164	Interrogating the relationship between naÃ¯ve and immune antiviral T cell repertoires. Current Opinion in Virology, 2013, 3, 447-451.	5.4	18
165	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, 2695-2699.	6.4	66
166	Receptor interacting protein kinase 2â€“mediated mitophagy regulates inflammasome activation during virus infection. Nature Immunology, 2013, 14, 480-488.	14.5	320
167	Lipidomic Profiling of Influenza Infection Identifies Mediators that Induce and Resolve Inflammation. Cell, 2013, 154, 213-227.	28.9	211
168	Transmission Studies Resume for Avian Flu. Science, 2013, 339, 520-521.	12.6	34
169	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-L488.	2.9	59
170	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, 13492-13497.	7.1	47
171	Non-random Lymphocyte Distribution Among Virus-Infected Cells of the Respiratory Tract. Viral Immunology, 2013, 26, 378-384.	1.3	3
172	Differential Host Response, Rather Than Early Viral Replication Efficiency, Correlates with Pathogenicity Caused by Influenza Viruses. PLoS ONE, 2013, 8, e74863.	2.5	27
173	The two faces of heterologous immunity: protection or immunopathology. Journal of Leukocyte Biology, 2013, 95, 405-416.	3.3	59
174	Intranasal Influenza Infection of Mice and Methods to Evaluate Progression and Outcome. Methods in Molecular Biology, 2013, 1031, 177-188.	0.9	9
175	The human side of influenza. Journal of Leukocyte Biology, 2012, 92, 83-96.	3.3	19
176	Pause on Avian Flu Transmission Research. Science, 2012, 335, 400-401.	12.6	58
177	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, 422-428.	30.7	56
178	Enhanced Susceptibility of Ago1/3 Double-Null Mice to Influenza A Virus Infection. Journal of Virology, 2012, 86, 4151-4157.	3.4	33
179	Constrained evolution drives limited influenza diversity. BMC Biology, 2012, 10, 43.	3.8	4
180	Dangerous for ferrets: lethal for humans?. BMC Biology, 2012, 10, 10.	3.8	6

#	Article	IF	Citations
181	T Cell Receptor Î±Î² Diversity Inversely Correlates with Pathogen-Specific Antibody Levels in Human Cytomegalovirus Infection. Science Translational Medicine, 2012, 4, 128ra42.	12.4	217
182	Quantitative impact of thymic selection on Foxp3 ⁺ and Foxp3 ^{â^'} 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, 14602-14607.	7.1	104
183	Chromatin condensation via the condensin II complex is required for peripheral T-cell quiescence. EMBO Journal, 2011, 30, 263-276.	7.8	130
184	Respiratory epithelial cells in innate immunity to influenza virus infection. Cell and Tissue Research, 2011, 343, 13-21.	2.9	146
185	Immunity to seasonal and pandemic influenza A viruses. Microbes and Infection, 2011, 13, 489-501.	1.9	58
186	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, 19001-19006.	7.1	89
187	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, 835-841.	0.8	7
188	T Cell Receptor Clonotype Influences Epitope Hierarchy in the CD8+ T Cell Response to Respiratory Syncytial Virus Infection. Journal of Biological Chemistry, 2011, 286, 4829-4841.	3.4	29
189	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.	4.7	68
190	Paired analysis of TCRÎ± and TCRÎ² chains at the single-cell level in mice. Journal of Clinical Investigation, 2011, 121, 288-295.	8.2	213
191	Dendritic cells activated by an antiâ€inflammatory agent induce CD4⁺ T helper type 2 responses without impairing CD8⁺ memory and effector cytotoxic Tâ€lymphocyte responses. Immunology, 2010, 129, 406-417.	4.4	17
192	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.	3.1	16
193	Physiological Numbers of CD4+ T Cells Generate Weak Recall Responses Following Influenza Virus Challenge. Journal of Immunology, 2010, 184, 1721-1727.	0.8	30
194	Protective Memory Responses Are Modulated by Priming Events prior to Challenge. Journal of Virology, 2010, 84, 1047-1056.	3.4	14
195	Influenza Epitope-Specific CD8+ T Cell Avidity, but Not Cytokine Polyfunctionality, Can Be Determined by TCRÎ² Clonotype. Journal of Immunology, 2010, 185, 6850-6856.	0.8	13
196	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.	4.7	62
197	New Approaches in Immunotherapy. Science, 2010, 327, 249-249.	12.6	8
198	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, 1885-1894.	8.2	140

#	Article	IF	Citations
199	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, 5306-5311.	7.1	383
200	The Intracellular Sensor NLRP3 Mediates Key Innate and Healing Responses to Influenza A Virus via the Regulation of Caspase-1. Immunity, 2009, 30, 566-575.	14.3	640
201	Rules to 'prime' by. Nature Immunology, 2009, 10, 14-16.	14.5	4
202	Functional implications of T cell receptor diversity. Current Opinion in Immunology, 2009, 21, 286-290.	5.5	57
203	A multi-valent vaccine approach that elicits broad immunity within an influenza subtype. Vaccine, 2009, 27, 1192-1200.	3.8	46
204	Screening monoclonal antibodies for cross-reactivity in the ferret model of influenza infection. Journal of Immunological Methods, 2008, 336, 71-77.	1.4	33
205	Terminal Deoxynucleotidyltransferase Is Required for the Establishment of Private Virus-Specific CD8+ TCR Repertoires and Facilitates Optimal CTL Responses. Journal of Immunology, 2008, 181, 2556-2562.	0.8	23
206	Epitope-specific TCRÎ² 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, 2034-2039.	7.1	50
207	Hidden Epitopes Emerge in Secondary Influenza Virus-Specific CD8+ T Cell Reponses. Journal of Immunology, 2007, 178, 3091-3098.	0.8	50
208	Virus-Specific CD8+ T Cells in the Liver: Armed and Ready to Kill. Journal of Immunology, 2007, 178, 2737-2745.	0.8	29
209	Cell-mediated Protection in Influenza Infection. Emerging Infectious Diseases, 2006, 12, 48-54.	4.3	405
210	Influenza and the challenge for immunology. Nature Immunology, 2006, 7, 449-455.	14.5	324
211	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, 2764-2769.	7.1	54
212	NFÎºB Negatively Regulates Interferon-induced Gene Expression and Anti-influenza Activity. Journal of Biological Chemistry, 2006, 281, 11678-11684.	3.4	99
213	Consequences of Immunodominant Epitope Deletion for Minor Influenza Virus-Specific CD8+-T-Cell Responses. Journal of Virology, 2005, 79, 4329-4339.	3.4	55
214	A Helminth Glycan Induces APC Maturation via Alternative NF-Îº B Activation Independent of IÎºBÎ± Degradation. Journal of Immunology, 2005, 175, 2082-2090.	0.8	71
215	Immune biasing by helminth glycans. Cellular Microbiology, 2004, 6, 13-22.	2.1	127
216	Maturation of Dendritic Cell 2 Phenotype by a Helminth Glycan Uses a Toll-Like Receptor 4-Dependent Mechanism. Journal of Immunology, 2003, 171, 5837-5841.	0.8	269

#	Article	IF	Citations
217	Larval Taenia crassiceps secretes a protein with characteristics of murine interferon-Î³. Parasitology Research, 2002, 88, 431-438.	1.6	19
218	Parasite-secreted products regulate the host response to larval Taenia crassiceps. Parasite Immunology, 2000, 22, 297-305.	1.5	47
219	Intestinal Intraepithelial Lymphocyte Repertoires are Imprinted Clonal Structures Selected for MHC Reactivity. SSRN Electronic Journal, 0, , .	0.4	3