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List of Publications by Year
in descending order

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85 papers	5,669 citations	87888 38 h-index	85541 71 g-index
87 all docs	87 docs citations	87 times ranked	8457 citing authors

#	Article	IF	Citations
1	Targeting BMI-1 in B cells restores effective humoral immune responses and controls chronic viral infection. Nature Immunology, 2022, 23, 86-98.	14.5	17
2	Evaluation of inflammation and follicle depletion during ovarian ageing in mice. Scientific Reports, 2021, 11, 278.	3.3	84
3	KDM6B-dependent chromatin remodeling underpins effective virus-specific CD8+ TÂcell differentiation. Cell Reports, 2021, 34, 108839.	6.4	20
4	CD8⁺T-Cell Memory: The Why, the When, and the How. Cold Spring Harbor Perspectives in Biology, 2021, 13, a038661.	5.5	7
5	The shared susceptibility epitope of HLA-DR4 binds citrullinated self-antigens and the TCR. Science Immunology, 2021, 6, .	11.9	14
6	Immune cellular networks underlying recovery from influenza virus infection in acute hospitalized patients. Nature Communications, 2021, 12, 2691.	12.8	34
7	Canonical T cell receptor docking on peptideâ€“MHC is essential for T cell signaling. Science, 2021, 372, .	12.6	53
8	T cell receptor recognition of hybrid insulin peptides bound to HLA-DQ8. Nature Communications, 2021, 12, 5110.	12.8	22
9	Nfkb2 variants reveal a p100-degradation threshold that defines autoimmune susceptibility. Journal of Experimental Medicine, 2021, 218, .	8.5	16
10	Characterisation of clinical and immune reactivity to barley and rye ingestion in children with coeliac disease. Gut, 2020, 69, 830-840.	12.1	10
11	Simulation modelling for immunologists. Nature Reviews Immunology, 2020, 20, 186-195.	22.7	34
12	Hiding in Plain Sight: Virtually Unrecognizable Memory Phenotype CD8+ T cells. International Journal of Molecular Sciences, 2020, 21, 8626.	4.1	11
13	Overlapping Peptides Elicit Distinct CD8+ T Cell Responses following Influenza A Virus Infection. Journal of Immunology, 2020, 205, 1731-1742.	0.8	9
14	The Impact of MHC Class I Dose on Development and Maintenance of the Polyclonal Naive CD8+ T Cell Repertoire. Journal of Immunology, 2020, 204, 3108-3116.	0.8	3
15	A Natural Peptide Antigen within the Plasmodium Ribosomal Protein RPL6 Confers Liver TRM Cell-Mediated Immunity against Malaria in Mice. Cell Host and Microbe, 2020, 27, 950-962.e7.	11.0	45
16	Metabolic characteristics of CD8+ T cell subsets in young and aged individuals are not predictive of functionality. Nature Communications, 2020, 11, 2857.	12.8	33
17	MHC Restriction: Where Are We Now?. Viral Immunology, 2020, 33, 179-187.	1.3	5
18	Modified Vaccinia Virus Ankara Can Induce Optimal CD8 + T Cell Responses to Directly Primed Antigens Depending on Vaccine Design. Journal of Virology, 2019, 93, .	3.4	16

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19	Quantification of epitope abundance reveals the effect of direct and cross-presentation on influenza CTL responses. Nature Communications, 2019, 10, 2846.	12.8	70
20	Most viral peptides displayed by class I MHC on infected cells are immunogenic. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3112-3117.	7.1	104
21	CD4⁺T help promotes influenza virus-specific CD8⁺T cell memory by limiting metabolic dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4481-4488.	7.1	42
22	The clock is ticking: the impact of ageing on T cell metabolism. Clinical and Translational Immunology, 2019, 8, e01091.	3.8	30
23	Clonally diverse CD38+HLA-DR+CD8+ T cells persist during fatal H7N9 disease. Nature Communications, 2018, 9, 824.	12.8	107
24	Understanding the drivers of MHC restriction of T cell receptors. Nature Reviews Immunology, 2018, 18, 467-478.	22.7	214
25	Age-Related Decline in Primary CD8+ T Cell Responses Is Associated with the Development of Senescence in Virtual Memory CD8+ T Cells. Cell Reports, 2018, 23, 3512-3524.	6.4	194
26	Targeted deletion of Traf2 allows immunosuppression-free islet allograft survival in mice. Diabetologia, 2017, 60, 679-689.	6.3	6
27	Dominant protection from HLA-linked autoimmunity by antigen-specific regulatory T cells. Nature, 2017, 545, 243-247.	27.8	181
28	Quantifiable predictive features define epitope-specific T cell receptor repertoires. Nature, 2017, 547, 89-93.	27.8	723
29	CD4+CD8Î²+ double-positive T cells in skin-draining lymph nodes respond to inflammatory signals from the skin. Journal of Leukocyte Biology, 2017, 102, 837-844.	3.3	5
30	Modelling cross-reactivity and memory in the cellular adaptive immune response to influenza infection in the host. Journal of Theoretical Biology, 2017, 413, 34-49.	1.7	24
31	Extrinsically derived TNF is primarily responsible for limiting antiviral CD8+ T cell response magnitude. PLoS ONE, 2017, 12, e0184732.	2.5	8
32	Reversed T Cell Receptor Docking on a Major Histocompatibility Class I Complex Limits Involvement in the Immune Response. Immunity, 2016, 45, 749-760.	14.3	73
33	Ubiquitin ligase MARCH 8 cooperates with CD83 to control surface MHC II expression in thymic epithelium and CD4 T cell selection. Journal of Experimental Medicine, 2016, 213, 1695-1703.	8.5	55
34	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
35	Antigen Specificity of Type I NKT Cells Is Governed by TCR Î²-Chain Diversity. Journal of Immunology, 2015, 195, 4604-4614.	0.8	36
36	Fixed Expression of Single Influenza Virusâ€“Specific TCR Chains Demonstrates the Capacity for TCR Î±â€“ and Î²â€“Chain Diversity in the Face of Peptideâ€“MHC Class I Specificity. Journal of Immunology, 2015, 194, 898-910.	0.8	5

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37	Consistency in Polyclonal T-cell Responses to Gluten Between Children and Adults With Celiac Disease. Gastroenterology, 2015, 149, 1541-1552.e2.	1.3	46
38	T cells recognizing a 11mer influenza peptide complexed to Hâ€2D b show promiscuity for peptide length. Immunology and Cell Biology, 2015, 93, 500-507.	2.3	1
39	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
40	Sizing up the key determinants of the CD8+ T cell response. Nature Reviews Immunology, 2015, 15, 705-716.	22.7	111
41	The Influenza Virusâ€“Specific CTL Immunodominance Hierarchy in Mice Is Determined by the Relative Frequency of High-Avidity T Cells. Journal of Immunology, 2014, 192, 4061-4068.	0.8	28
42	T-cell receptor recognition of HLA-DQ2â€“gliadin complexes associated with celiac disease. Nature Structural and Molecular Biology, 2014, 21, 480-488.	8.2	177
43	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
44	T cell mediated immunity to influenza: mechanisms of viral control. Trends in Immunology, 2014, 35, 396-402.	6.8	135
45	PTPN2 attenuates T-cell lymphopenia-induced proliferation. Nature Communications, 2014, 5, 3073.	12.8	55
46	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
47	Interrogating the relationship between naÃ¯ve and immune antiviral T cell repertoires. Current Opinion in Virology, 2013, 3, 447-451.	5.4	18
48	Influenza-induced, helper-independent CD8+T cell responses use CD40 costimulation at the late phase of the primary response. Journal of Leukocyte Biology, 2013, 93, 145-154.	3.3	9
49	A molecular basis for the association of the HLA-DRB1 locus, citrullination, and rheumatoid arthritis. Journal of Experimental Medicine, 2013, 210, 2569-2582.	8.5	354
50	Unlike CD4⁺ Tâ€cell help, CD28 costimulation is necessary for effective primary CD8⁺ Tâ€cell influenzaâ€specific immunity. European Journal of Immunology, 2012, 42, 1744-1754.	2.9	14
51	The linear range for accurately quantifying antigenâ€specific Tâ€cell frequencies by tetramer staining during natural immune responses. European Journal of Immunology, 2011, 41, 1499-1500.	2.9	4
52	Structural basis for enabling T-cell receptor diversity within biased virus-specific CD8 ⁺ T-cell responses. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9536-9541.	7.1	43
53	Effect of MHC Class I Diversification on Influenza Epitope-Specific CD8+T Cell Precursor Frequency and Subsequent Effector Function. Journal of Immunology, 2011, 186, 6319-6328.	0.8	19
54	Precursor Frequency and Competition Dictate the HLA-A2â€“Restricted CD8+ T Cell Responses to Influenza A Infection and Vaccination in HLA-A2.1 Transgenic Mice. Journal of Immunology, 2011, 187, 1895-1902.	0.8	43

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55	Forewarned Is Forearmed. Immunity, 2010, 33, 5-6.	14.3	0
56	Multiplexed combinatorial tetramer staining in a mouse model of virus infection. Journal of Immunological Methods, 2010, 360, 157-161.	1.4	8
57	The structural basis for autonomous dimerization of the pre-T-cell antigen receptor. Nature, 2010, 467, 844-848.	27.8	68
58	Altered CD8+ T Cell Immunodominance after Vaccinia Virus Infection and the Naive Repertoire in Inbred and F1 Mice. Journal of Immunology, 2010, 184, 45-55.	0.8	34
59	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
60	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
61	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
62	Role of CD8+T-cell immunity in influenza infection: potential use in future vaccine development. Expert Review of Respiratory Medicine, 2009, 3, 523-537.	2.5	3
63	Functional implications of T cell receptor diversity. Current Opinion in Immunology, 2009, 21, 286-290.	5.5	57
64	Tracking phenotypically and functionally distinct T cell subsets via T cell repertoire diversity. Molecular Immunology, 2008, 45, 607-618.	2.2	44
65	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
66	A trans -Golgi network golgin is required for the regulated secretion of TNF in activated macrophages in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3351-3356.	7.1	93
67	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
68	Cell Cycle-Related Acquisition of Cytotoxic Mediators Defines the Progressive Differentiation to Effector Status for Virus-Specific CD8+ T Cells. Journal of Immunology, 2008, 181, 3818-3822.	0.8	54
69	Dendritic cell preactivation impairs MHC class II presentation of vaccines and endogenous viral antigens. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17753-17758.	7.1	64
70	IL-18, but not IL-12, is required for optimal cytokine production by influenza virus-specific CD8+ T cells. European Journal of Immunology, 2007, 37, 368-375.	2.9	53
71	A question of selfâ€preservation: immunopathology in influenza virus infection. Immunology and Cell Biology, 2007, 85, 85-92.	2.3	399
72	Establishment and recall of CD8 + Tâ€cell memory in a model of localized transient infection. Immunological Reviews, 2006, 211, 133-145.	6.0	54

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73	A correlation between function and selected measures of T cell avidity in influenza virus-specific CD8+ T cell responses. European Journal of Immunology, 2006, 36, 2951-2959.	2.9	35
74	A virus-specific CD8+ T cell immunodominance hierarchy determined by antigen dose and precursor frequencies. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 994-999.	7.1	149
75	Lack of prominent peptideâ€“major histocompatibility complex features limits repertoire diversity in virus-specific CD8+ T cell populations. Nature Immunology, 2005, 6, 382-389.	14.5	142
76	Contribution of T cell receptor affinity to overall avidity for virus-specific CD8+ T cell responses. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11432-11437.	7.1	58
77	Effector CD8+ T cells recovered from an influenza pneumonia differentiate to a state of focused gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6074-6079.	7.1	26
78	Differential tumor necrosis factor receptor 2-mediated editing of virus-specific CD8+ effector T cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3545-3550.	7.1	39
79	Architectural Changes in the TCR:CD3 Complex Induced by MHC:Peptide Ligation. Journal of Immunology, 2004, 172, 3662-3669.	0.8	30
80	Hierarchies in Cytokine Expression Profiles for Acute and Resolving Influenza Virus-Specific CD8+ T Cell Responses: Correlation of Cytokine Profile and TCR Avidity. Journal of Immunology, 2004, 172, 5553-5560.	0.8	185
81	Thymic Expression of a Gastritogenic Epitope Results in Positive Selection of Self-Reactive Pathogenic T Cells. Journal of Immunology, 2004, 172, 5994-6002.	0.8	11
82	Characterization of CD8+ T cell repertoire diversity and persistence in the influenza A virus model of localized, transient infection. Seminars in Immunology, 2004, 16, 179-184.	5.6	40
83	The Majority of Immunogenic Epitopes Generate CD4+ T Cells That Are Dependent on MHC Class II-Bound Peptide-Flanking Residues. Journal of Immunology, 2002, 169, 739-749.	0.8	114
84	Immunopathogenesis, loss of T cell tolerance and genetics of autoimmune gastritis. Autoimmunity Reviews, 2002, 1, 290-297.	5.8	36
85	Reliable generation and use of MHC class II:Î²2aFc multimers for the identification of antigen-specific CD4+ T cells. Journal of Immunological Methods, 2002, 271, 137-151.	1.4	27