

John Sidney

List of Publications by Year in descending order

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181
papers

21,180
citations

13099

68
h-index

11607

135
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188
all docs

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docs citations

188
times ranked

23621
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective and cross-reactive SARS-CoV-2 T cell epitopes in unexposed humans. <i>Science</i> , 2020, 370, 89-94.	12.6	1,036
2	A Sequence Homology and Bioinformatic Approach Can Predict Candidate Targets for Immune Responses to SARS-CoV-2. <i>Cell Host and Microbe</i> , 2020, 27, 671-680.e2.	11.0	893
3	A Systematic Assessment of MHC Class II Peptide Binding Predictions and Evaluation of a Consensus Approach. <i>PLoS Computational Biology</i> , 2008, 4, e1000048.	3.2	739
4	NetMHCpan, a method for MHC class I binding prediction beyond humans. <i>Immunogenetics</i> , 2009, 61, 1-13.	2.4	725
5	Prominent role of secondary anchor residues in peptide binding to HLA-A2.1 molecules. <i>Cell</i> , 1993, 74, 929-937.	28.9	636
6	T cells from patients with Parkinson's disease recognize α -synuclein peptides. <i>Nature</i> , 2017, 546, 656-661.	27.8	618
7	Mass Spectrometry Profiling of HLA-Associated Peptidomes in Mono-allelic Cells Enables More Accurate Epitope Prediction. <i>Immunity</i> , 2017, 46, 315-326.	14.3	596
8	HLA class I supertypes: a revised and updated classification. <i>BMC Immunology</i> , 2008, 9, 1.	2.2	591
9	Peptide binding predictions for HLA DR, DP and DQ molecules. <i>BMC Bioinformatics</i> , 2010, 11, 568.	2.6	570
10	Predicting population coverage of T-cell epitope-based diagnostics and vaccines. <i>BMC Bioinformatics</i> , 2006, 7, 153.	2.6	564
11	Comprehensive analysis of dengue virus-specific responses supports an HLA-linked protective role for CD8 ⁺ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2046-53.	7.1	524
12	A consensus epitope prediction approach identifies the breadth of murine TCD8 ⁺ -cell responses to vaccinia virus. <i>Nature Biotechnology</i> , 2006, 24, 817-819.	17.5	504
13	Impact of SARS-CoV-2 variants on the total CD4 ⁺ and CD8 ⁺ T cell reactivity in infected or vaccinated individuals. <i>Cell Reports Medicine</i> , 2021, 2, 100355.	6.5	490
14	Development of high potency universal DR-restricted helper epitopes by modification of high affinity DR-blocking peptides. <i>Immunity</i> , 1994, 1, 751-761.	14.3	478
15	Comprehensive analysis of T cell immunodominance and immunoprevalence of SARS-CoV-2 epitopes in COVID-19 cases. <i>Cell Reports Medicine</i> , 2021, 2, 100204.	6.5	437
16	Functional classification of class II human leukocyte antigen (HLA) molecules reveals seven different supertypes and a surprising degree of repertoire sharing across supertypes. <i>Immunogenetics</i> , 2011, 63, 325-335.	2.4	351
17	The Immune Epitope Database and Analysis Resource: From Vision to Blueprint. <i>PLoS Biology</i> , 2005, 3, e91.	5.6	342
18	A large fraction of HLA class I ligands are proteasome-generated spliced peptides. <i>Science</i> , 2016, 354, 354-358.	12.6	322

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19	Quantitative peptide binding motifs for 19 human and mouse MHC class I molecules derived using positional scanning combinatorial peptide libraries. <i>Immunome Research</i> , 2008, 4, 2.	0.1	293
20	Key Parameters of Tumor Epitope Immunogenicity Revealed Through a Consortium Approach Improve Neoantigen Prediction. <i>Cell</i> , 2020, 183, 818-834.e13.	28.9	287
21	Systematic identification of personal tumor-specific neoantigens in chronic lymphocytic leukemia. <i>Blood</i> , 2014, 124, 453-462.	1.4	286
22	Human Ebola virus infection results in substantial immune activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4719-4724.	7.1	274
23	Dengue virus infection elicits highly polarized CX3CR1 ⁺ cytotoxic CD4 ⁺ T cells associated with protective immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4256-63.	7.1	266
24	Memory T Cells in Latent Mycobacterium tuberculosis Infection Are Directed against Three Antigenic Islands and Largely Contained in a CXCR3+CCR6+ Th1 Subset. <i>PLoS Pathogens</i> , 2013, 9, e1003130.	4.7	258
25	Automated generation and evaluation of specific MHC binding predictive tools: ARB matrix applications. <i>Immunogenetics</i> , 2005, 57, 304-314.	2.4	255
26	A Community Resource Benchmarking Predictions of Peptide Binding to MHC-I Molecules. <i>PLoS Computational Biology</i> , 2006, 2, e65.	3.2	254
27	HLA Class I Alleles Are Associated with Peptide-Binding Repertoires of Different Size, Affinity, and Immunogenicity. <i>Journal of Immunology</i> , 2013, 191, 5831-5839.	0.8	249
28	Two complementary methods for predicting peptides binding major histocompatibility complex molecules. <i>Journal of Molecular Biology</i> , 1997, 267, 1258-1267.	4.2	244
29	SARS-CoV-2 human T cell epitopes: Adaptive immune response against COVID-19. <i>Cell Host and Microbe</i> , 2021, 29, 1076-1092.	11.0	242
30	RSV-specific airway resident memory CD8+ T cells and differential disease severity after experimental human infection. <i>Nature Communications</i> , 2015, 6, 10224.	12.8	237
31	Definition of an HLA-A3-like supermotif demonstrates the overlapping peptide-binding repertoires of common HLA molecules. <i>Human Immunology</i> , 1996, 45, 79-93.	2.4	200
32	The Length Distribution of Class II-Restricted T Cell Epitopes Is Determined by Both Peptide Supply and MHC Allele-Specific Binding Preference. <i>Journal of Immunology</i> , 2016, 196, 1480-1487.	0.8	192
33	Novel and shared neoantigen derived from histone 3 variant H3.3K27M mutation for glioma T cell therapy. <i>Journal of Experimental Medicine</i> , 2018, 215, 141-157.	8.5	186
34	Development and validation of a broad scheme for prediction of HLA class II restricted T cell epitopes. <i>Journal of Immunological Methods</i> , 2015, 422, 28-34.	1.4	171
35	TepiTool: A Pipeline for Computational Prediction of T Cell Epitope Candidates. <i>Current Protocols in Immunology</i> , 2016, 114, 18.19.1-18.19.24.	3.6	169
36	A Quantitative Analysis of the Variables Affecting the Repertoire of T Cell Specificities Recognized after Vaccinia Virus Infection. <i>Journal of Immunology</i> , 2007, 178, 7890-7901.	0.8	168

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37	Rationally Engineered Therapeutic Proteins with Reduced Immunogenicity. <i>Journal of Immunology</i> , 2005, 174, 3187-3196.	0.8	166
38	Molecular Determinants of T Cell Epitope Recognition to the Common Timothy Grass Allergen. <i>Journal of Immunology</i> , 2010, 185, 943-955.	0.8	163
39	Longitudinal Analysis of the Human B Cell Response to Ebola Virus Infection. <i>Cell</i> , 2019, 177, 1566-1582.e17.	28.9	153
40	Functional HPV-specific PD-1+ stem-like CD8 T cells in head and neck cancer. <i>Nature</i> , 2021, 597, 279-284.	27.8	153
41	The Human CD8 ⁺ T Cell Responses Induced by a Live Attenuated Tetravalent Dengue Vaccine Are Directed against Highly Conserved Epitopes. <i>Journal of Virology</i> , 2015, 89, 120-128.	3.4	148
42	Prior Dengue Virus Exposure Shapes T Cell Immunity to Zika Virus in Humans. <i>Journal of Virology</i> , 2017, 91, .	3.4	148
43	HLA class I-restricted responses to vaccinia recognize a broad array of proteins mainly involved in virulence and viral gene regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13980-13985.	7.1	141
44	Regulatory CD4 ⁺ T Cells Recognize Major Histocompatibility Complex Class II Molecules Restricted Peptide Epitopes of Apolipoprotein B. <i>Circulation</i> , 2018, 138, 1130-1143.	1.6	140
45	Measurement of MHC/Peptide Interactions by Gel Filtration or Monoclonal Antibody Capture. <i>Current Protocols in Immunology</i> , 2013, 100, Unit 18.3..	3.6	137
46	Human CD8 ⁺ T-Cell Responses Against the 4 Dengue Virus Serotypes Are Associated With Distinct Patterns of Protein Targets. <i>Journal of Infectious Diseases</i> , 2015, 212, 1743-1751.	4.0	129
47	Automated benchmarking of peptide-MHC class I binding predictions. <i>Bioinformatics</i> , 2015, 31, 2174-2181.	4.1	127
48	Epitope-specific immunotherapy targeting CD4-positive T cells in coeliac disease: two randomised, double-blind, placebo-controlled phase 1 studies. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 479-493.	8.1	113
49	HLA-A*0201, HLA-A*1101, and HLA-B*0702 Transgenic Mice Recognize Numerous Poxvirus Determinants from a Wide Variety of Viral Gene Products. <i>Journal of Immunology</i> , 2005, 175, 5504-5515.	0.8	110
50	The CD8 + T-Cell Response to Lymphocytic Choriomeningitis Virus Involves the L Antigen: Uncovering New Tricks for an Old Virus. <i>Journal of Virology</i> , 2007, 81, 4928-4940.	3.4	105
51	Two MHC Class I Molecules Associated with Elite Control of Immunodeficiency Virus Replication, Mamu-B*08 and HLA-B*2705, Bind Peptides with Sequence Similarity. <i>Journal of Immunology</i> , 2009, 182, 7763-7775.	0.8	104
52	Most viral peptides displayed by class I MHC on infected cells are immunogenic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3112-3117.	7.1	104
53	Predicting HLA CD4 Immunogenicity in Human Populations. <i>Frontiers in Immunology</i> , 2018, 9, 1369.	4.8	101
54	Immunodominance Changes as a Function of the Infecting Dengue Virus Serotype and Primary versus Secondary Infection. <i>Journal of Virology</i> , 2014, 88, 11383-11394.	3.4	100

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55	Vaccinia Virus-Specific CD4+ T Cell Responses Target a Set of Antigens Largely Distinct from Those Targeted by CD8+ T Cell Responses. <i>Journal of Immunology</i> , 2007, 178, 6814-6820.	0.8	97
56	Dissecting Mechanisms of Immunodominance to the Common Tuberculosis Antigens ESAT-6, CFP10, Rv2031c (hspX), Rv2654c (TB7.7), and Rv1038c (Esx). <i>Journal of Immunology</i> , 2012, 188, 5020-5031.	0.8	95
57	Measurement of MHC/Peptide Interactions by Gel Filtration. <i>Current Protocols in Immunology</i> , 1999, 31, Unit 18.3.	3.6	94
58	Five HLA-DP Molecules Frequently Expressed in the Worldwide Human Population Share a Common HLA Supertypic Binding Specificity. <i>Journal of Immunology</i> , 2010, 184, 2492-2503.	0.8	93
59	Automatic Generation of Validated Specific Epitope Sets. <i>Journal of Immunology Research</i> , 2015, 2015, 1-11.	2.2	90
60	Previously undescribed grass pollen antigens are the major inducers of T helper 2 cytokine-producing T cells in allergic individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3459-3464.	7.1	88
61	HLA-DRB1 Alleles Are Associated With Different Magnitudes of Dengue Virus-Specific CD4 ⁺ T-Cell Responses. <i>Journal of Infectious Diseases</i> , 2016, 214, 1117-1124.	4.0	88
62	Impact of pre-adapted HIV transmission. <i>Nature Medicine</i> , 2016, 22, 606-613.	30.7	87
63	Protective Role of Cross-Reactive CD8 T Cells Against Dengue Virus Infection. <i>EBioMedicine</i> , 2016, 13, 284-293.	6.1	85
64	Human CD4 ⁺ T Cell Responses to an Attenuated Tetravalent Dengue Vaccine Parallel Those Induced by Natural Infection in Magnitude, HLA Restriction, and Antigen Specificity. <i>Journal of Virology</i> , 2017, 91, .	3.4	83
65	Predicting T cell recognition of MHC class I restricted neoepitopes. <i>Oncolmmunology</i> , 2018, 7, e1492508.	4.6	82
66	Atheroprotective Vaccination with MHC-II Restricted Peptides from ApoB-100. <i>Frontiers in Immunology</i> , 2013, 4, 493.	4.8	78
67	A strategy to determine HLA class II restriction broadly covering the DR, DP, and DQ allelic variants most commonly expressed in the general population. <i>Immunogenetics</i> , 2013, 65, 357-370.	2.4	77
68	Global Assessment of Dengue Virus-Specific CD4+ T Cell Responses in Dengue-Endemic Areas. <i>Frontiers in Immunology</i> , 2017, 8, 1309.	4.8	77
69	In Silico Prediction of Peptides Binding to Multiple HLA-DR Molecules Accurately Identifies Immunodominant Epitopes from gp43 of <i>Paracoccidioides brasiliensis</i> Frequently Recognized in Primary Peripheral Blood Mononuclear Cell Responses from Sensitized Individuals. <i>Molecular Medicine</i> , 2003, 9, 209-219.	4.4	75
70	Cross-presentation of caspase-cleaved apoptotic self antigens in HIV infection. <i>Nature Medicine</i> , 2007, 13, 1431-1439.	30.7	74
71	Divergent Motifs but Overlapping Binding Repertoires of Six HLA-DQ Molecules Frequently Expressed in the Worldwide Human Population. <i>Journal of Immunology</i> , 2010, 185, 4189-4198.	0.8	73
72	Development of a novel clustering tool for linear peptide sequences. <i>Immunology</i> , 2018, 155, 331-345.	4.4	73

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73	Dataset size and composition impact the reliability of performance benchmarks for peptide-MHC binding predictions. <i>BMC Bioinformatics</i> , 2014, 15, 241.	2.6	71
74	Immunodominant Dengue Virus-Specific CD8 ⁺ T Cell Responses Are Associated with a Memory PD-1 ⁺ Phenotype. <i>Journal of Virology</i> , 2016, 90, 4771-4779.	3.4	71
75	Cutting Edge: Transcriptional Profiling Reveals Multifunctional and Cytotoxic Antiviral Responses of Zika Virus-Specific CD8 ⁺ T Cells. <i>Journal of Immunology</i> , 2018, 201, 3487-3491.	0.8	70
76	Quantification of epitope abundance reveals the effect of direct and cross-presentation on influenza CTL responses. <i>Nature Communications</i> , 2019, 10, 2846.	12.8	70
77	Immunological consequences of intragenus conservation of <i>Mycobacterium tuberculosis</i> T-cell epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E147-55.	7.1	69
78	Definition of Human Epitopes Recognized in Tetanus Toxoid and Development of an Assay Strategy to Detect Ex Vivo Tetanus CD4 ⁺ T Cell Responses. <i>PLoS ONE</i> , 2017, 12, e0169086.	2.5	60
79	Mapping the MHC Class I-Spliced Immunopeptidome of Cancer Cells. <i>Cancer Immunology Research</i> , 2019, 7, 62-76.	3.4	60
80	T Cell Responses to Known Allergen Proteins Are Differently Polarized and Account for a Variable Fraction of Total Response to Allergen Extracts. <i>Journal of Immunology</i> , 2012, 189, 1800-1811.	0.8	59
81	Analysis of T Cell Responses to the Major Allergens from German Cockroach: Epitope Specificity and Relationship to IgE Production. <i>Journal of Immunology</i> , 2012, 189, 679-688.	0.8	59
82	Identification of Protective Lassa Virus Epitopes That Are Restricted by HLA-A2. <i>Journal of Virology</i> , 2006, 80, 8351-8361.	3.4	58
83	Analysis of HLA A*02 Association with Vaccine Efficacy in the RV144 HIV-1 Vaccine Trial. <i>Journal of Virology</i> , 2014, 88, 8242-8255.	3.4	55
84	A Population Response Analysis Approach To Assign Class II HLA-Epitope Restrictions. <i>Journal of Immunology</i> , 2015, 194, 6164-6176.	0.8	51
85	Evaluating the Immunogenicity of Protein Drugs by Applying <i>In Vitro</i> MHC Binding Data and the Immune Epitope Database and Analysis Resource. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-7.	3.3	50
86	Identification of novel consensus CD4 T-cell epitopes from clade B HIV-1 whole genome that are frequently recognized by HIV-1 infected patients. <i>Aids</i> , 2006, 20, 2263-2273.	2.2	49
87	Protein nanovaccine confers robust immunity against <i>Toxoplasma</i> . <i>Npj Vaccines</i> , 2017, 2, 24.	6.0	47
88	Classification of A1- and A24-supertype molecules by analysis of their MHC-peptide binding repertoires. <i>Immunogenetics</i> , 2005, 57, 393-408.	2.4	44
89	Correlates of protection efficacy induced by vaccinia virus-specific CD8 ⁺ T-cell epitopes in the murine intranasal challenge model. <i>European Journal of Immunology</i> , 2009, 39, 717-722.	2.9	43
90	An ontology for major histocompatibility restriction. <i>Journal of Biomedical Semantics</i> , 2016, 7, 1.	1.6	43

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91	Atheroprotective vaccination with MHC-II-restricted ApoB peptides induces peritoneal IL-10-producing CD4 T cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H781-H790.	3.2	42
92	Epitope-specific airway-resident CD4+ T cell dynamics during experimental human RSV infection. <i>Journal of Clinical Investigation</i> , 2019, 130, 523-538.	8.2	42
93	Simultaneous Prediction of Binding Capacity for Multiple Molecules of the HLA B44 Supertype. <i>Journal of Immunology</i> , 2003, 171, 5964-5974.	0.8	41
94	A Review on T Cell Epitopes Identified Using Prediction and Cell-Mediated Immune Models for <i>Mycobacterium tuberculosis</i> and <i>Bordetella pertussis</i> . <i>Frontiers in Immunology</i> , 2018, 9, 2778.	4.8	41
95	Broadly directed SARS-CoV-2-specific CD4+ T cell response includes frequently detected peptide specificities within the membrane and nucleoprotein in patients with acute and resolved COVID-19. <i>PLoS Pathogens</i> , 2021, 17, e1009842.	4.7	40
96	Differential Recognition of <i>Mycobacterium tuberculosis</i> Specific Epitopes as a Function of Tuberculosis Disease History. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 772-781.	5.6	39
97	Bolstering the Number and Function of HSV-1 Specific CD8+ Effector Memory T Cells and Tissue-Resident Memory T Cells in Latently Infected Trigeminal Ganglia Reduces Recurrent Ocular Herpes Infection and Disease. <i>Journal of Immunology</i> , 2017, 199, 186-203.	0.8	38
98	An in silico in vitro Pipeline Identifying an HLA-A*02:01+ KRAS G12V+ Spliced Epitope Candidate for a Broad Tumor-Immune Response in Cancer Patients. <i>Frontiers in Immunology</i> , 2019, 10, 2572.	4.8	38
99	Adjuvanted multi-epitope vaccines protect HLA-A*11:01 transgenic mice against <i>Toxoplasma gondii</i> . <i>JCI Insight</i> , 2016, 1, e85955.	5.0	37
100	Broadly Reactive Human CD8 T Cells that Recognize an Epitope Conserved between VZV, HSV and EBV. <i>PLoS Pathogens</i> , 2014, 10, e1004008.	4.7	36
101	Widespread Tau-Specific CD4 T Cell Reactivity in the General Population. <i>Journal of Immunology</i> , 2019, 203, 84-92.	0.8	36
102	Epitope prediction and identification- adaptive T cell responses in humans. <i>Seminars in Immunology</i> , 2020, 50, 101418.	5.6	36
103	Citrullination only infrequently impacts peptide binding to HLA class II MHC. <i>PLoS ONE</i> , 2017, 12, e0177140.	2.5	36
104	A side-by-side comparison of T cell reactivity to fifty-nine <i>Mycobacterium tuberculosis</i> antigens in diverse populations from five continents. <i>Tuberculosis</i> , 2015, 95, 713-721.	1.9	35
105	Characterization of Magnitude and Antigen Specificity of HLA-DP, DQ, and DRB3/4/5 Restricted DENV-Specific CD4+ T Cell Responses. <i>Frontiers in Immunology</i> , 2019, 10, 1568.	4.8	35
106	Herpes simplex virus type 2 tegument proteins contain subdominant T-cell epitopes detectable in BALB/c mice after DNA immunization and infection. <i>Journal of General Virology</i> , 2009, 90, 1153-1163.	2.9	33
107	Allergen and Epitope Targets of Mouse-Specific T Cell Responses in Allergy and Asthma. <i>Frontiers in Immunology</i> , 2018, 9, 235.	4.8	32
108	Microbiota epitope similarity either dampens or enhances the immunogenicity of disease-associated antigenic epitopes. <i>PLoS ONE</i> , 2018, 13, e0196551.	2.5	31

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109	Low HLA binding of diabetes-associated CD8+ T-cell epitopes is increased by post translational modifications. <i>BMC Immunology</i> , 2018, 19, 12.	2.2	29
110	Detection of a Broad Range of Low-Level Major Histocompatibility Complex Class II-Restricted, Hepatitis Delta Virus (HDV)-Specific T-Cell Responses Regardless of Clinical Status. <i>Journal of Infectious Diseases</i> , 2019, 219, 568-577.	4.0	26
111	Detailed characterization of the peptide binding specificity of five common Patr class I MHC molecules. <i>Immunogenetics</i> , 2006, 58, 559-570.	2.4	25
112	HLA-B*27 subtype specificity determines targeting and viral evolution of a hepatitis C virus-specific CD8+ T cell epitope. <i>Journal of Hepatology</i> , 2014, 60, 22-29.	3.7	24
113	Patterns of Cellular Immunity Associated with Experimental Infection with rDEN2 ³⁰ (Tonga/74) Support Its Suitability as a Human Dengue Virus Challenge Strain. <i>Journal of Virology</i> , 2017, 91, .	3.4	24
114	Fine specificities of natural regulatory T cells after IVIG therapy in patients with Kawasaki disease. <i>Autoimmunity</i> , 2015, 48, 181-188.	2.6	23
115	Polyfunctional Type-1, -2, and -17 CD8+ T Cell Responses to Apoptotic Self-Antigens Correlate with the Chronic Evolution of Hepatitis C Virus Infection. <i>PLoS Pathogens</i> , 2012, 8, e1002759.	4.7	22
116	Increased CD8+ T cell responses to apoptotic T cell-associated antigens in multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2013, 10, 94.	7.2	22
117	Consequences of Periodic \pm -to- $\hat{2}$ ³ Residue Replacement for Immunological Recognition of Peptide Epitopes. <i>ACS Chemical Biology</i> , 2015, 10, 844-854.	3.4	22
118	Preventing tumor escape by targeting a post-proteasomal trimming independent epitope. <i>Journal of Experimental Medicine</i> , 2016, 213, 2333-2348.	8.5	22
119	Counter-regulation of regulatory T cells by autoreactive CD8+ T cells in rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2019, 99, 81-97.	6.5	22
120	CD4 T Cells Specific for a Latency-Associated $\hat{3}$ -Herpesvirus Epitope Are Polyfunctional and Cytotoxic. <i>Journal of Immunology</i> , 2014, 193, 5827-5834.	0.8	21
121	Restricted myeloperoxidase epitopes drive the adaptive immune response in MPO-ANCA vasculitis. <i>Journal of Autoimmunity</i> , 2020, 106, 102306.	6.5	21
122	Characterization of the peptide-binding specificity of the chimpanzee class I alleles A*0301 and A*0401 using a combinatorial peptide library. <i>Immunogenetics</i> , 2007, 59, 745-751.	2.4	20
123	The T210M Substitution in the HLA-a*02:01 gp100 Epitope Strongly Affects Overall Proteasomal Cleavage Site Usage and Antigen Processing. <i>Journal of Biological Chemistry</i> , 2015, 290, 30417-30428.	3.4	20
124	HLA-A2-Restricted Protection against Lethal Lymphocytic Choriomeningitis. <i>Journal of Virology</i> , 2007, 81, 2307-2317.	3.4	19
125	The role of MHC class I allele Mamu-A*07 during SIVmac239 infection. <i>Immunogenetics</i> , 2011, 63, 789-807.	2.4	19
126	Development of a strategy and computational application to select candidate protein analogues with reduced HLA binding and immunogenicity. <i>Immunology</i> , 2018, 153, 118-132.	4.4	19

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127	Naturally processed HLA-DR3-restricted HHV-6B peptides are recognized broadly with polyfunctional and cytotoxic CD4 T cell responses. <i>European Journal of Immunology</i> , 2019, 49, 1167-1185.	2.9	19
128	CD8+ T Cells Specific to Apoptosis-Associated Antigens Predict the Response to Tumor Necrosis Factor Inhibitor Therapy in Rheumatoid Arthritis. <i>PLoS ONE</i> , 2015, 10, e0128607.	2.5	19
129	Identification and Characterization of CD4 ⁺ T Cell Epitopes after Shingrix Vaccination. <i>Journal of Virology</i> , 2020, 94, .	3.4	18
130	Experimental validation of the RATE tool for inferring HLA restrictions of T cell epitopes. <i>BMC Immunology</i> , 2017, 18, 20.	2.2	17
131	Characterization of SARS-CoV-2 and common cold coronavirus-specific T cell responses in MIS-C and Kawasaki disease children. <i>European Journal of Immunology</i> , 2022, 52, 123-137.	2.9	17
132	Polyfunctional CD4+ T cell responses to a set of pathogenic arenaviruses provide broad population coverage. <i>Immunome Research</i> , 2010, 6, 4.	0.1	16
133	Urinary Peptides As a Novel Source of T Cell Allergen Epitopes. <i>Frontiers in Immunology</i> , 2018, 9, 886.	4.8	16
134	Immunodominance in allergic T-cell reactivity to Japanese cedar in different geographic cohorts. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 117, 680-689.e1.	1.0	14
135	Impact of Cysteine Residues on MHC Binding Predictions and Recognition by Tumor-Reactive T Cells. <i>Journal of Immunology</i> , 2020, 205, 539-549.	0.8	14
136	Candidate Targets for Immune Responses to 2019-Novel Coronavirus (nCoV): Sequence Homology- and Bioinformatic-Based Predictions. <i>SSRN Electronic Journal</i> , 2020, , 3541361.	0.4	13
137	Impact of Distinct Poxvirus Infections on the Specificities and Functionalities of CD4 ⁺ T Cell Responses. <i>Journal of Virology</i> , 2014, 88, 10078-10091.	3.4	12
138	Gliadin-Specific CD8+ T Cell Responses Restricted by HLA Class I A*0101 and B*0801 Molecules in Celiac Disease Patients. <i>Journal of Immunology</i> , 2017, 198, 1838-1845.	0.8	12
139	The effect of acylation with fatty acids and other modifications on HLA class II:peptide binding and T cell stimulation for three model peptides. <i>PLoS ONE</i> , 2018, 13, e0197407.	2.5	12
140	Acyclovir Has Low but Detectable Influence on HLA-B*57:01 Specificity without Inducing Hypersensitivity. <i>PLoS ONE</i> , 2015, 10, e0124878.	2.5	11
141	A survey of known immune epitopes in the enteroviruses strains associated with acute flaccid myelitis. <i>Human Immunology</i> , 2019, 80, 923-929.	2.4	11
142	Sequence-based HLA-A, B, C, DP, DQ, and DR typing of 496 adults from San Diego, California, USA. <i>Human Immunology</i> , 2018, 79, 821-822.	2.4	10
143	Backbone Modifications of HLA-A2-Restricted Antigens Induce Diverse Binding and T Cell Activation Outcomes. <i>Journal of the American Chemical Society</i> , 2021, 143, 6470-6481.	13.7	10
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