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 g-index
188 all docs	188 docs citations	188 times ranked	23621 citing authors

#	Article	IF	Citations
1	Characterization of SARSâ€CoVâ€2 and common cold coronavirusâ€specific Tâ€cell responses in MISâ€C and Kawasaki disease children. European Journal of Immunology, 2022, 52, 123-137.	2.9	17
2	SARS-CoV-2-specific T cell responses and immune regulation in infected pregnant women. Journal of Reproductive Immunology, 2022, 149, 103464.	1.9	8
3	A promiscuous T cell epitope-based HIV vaccine providing redundant population coverage of the HLA class II elicits broad, polyfunctional T cell responses in nonhuman primates. Vaccine, 2022, 40, 239-246.	3.8	2
4	Predicting the Success of Fmoc-Based Peptide Synthesis. ACS Omega, 2022, 7, 23771-23781.	3.5	6
5	Immunodominant MHC-II (Major Histocompatibility Complex II) Restricted Epitopes in Human Apolipoprotein B. Circulation Research, 2022, 131, 258-276.	4.5	8
6	HLA Class I Binding of Mutant EGFR Peptides in NSCLC Is Associated With Improved Survival. Journal of Thoracic Oncology, 2021, 16, 104-112.	1.1	6
7	Human rhinovirusâ€specific CD8 T cell responses target conserved and unusual epitopes. FASEB Journal, 2021, 35, e21208.	0.5	5
8	Comparison of HLA ligand elution data and binding predictions reveals varying prediction performance for the multiple motifs recognized by HLAâ€DQ2.5. Immunology, 2021, 162, 235-247.	4.4	6
9	IgG Epitopes Processed and Presented by IgG+ B Cells Induce Suppression by Human Thymic-Derived Regulatory T Cells. Journal of Immunology, 2021, 206, 1194-1203.	0.8	3
10	Comprehensive analysis of TÂcell immunodominance and immunoprevalence of SARS-CoV-2 epitopes in COVID-19 cases. Cell Reports Medicine, 2021, 2, 100204.	6.5	437
11	Backbone Modifications of HLA-A2-Restricted Antigens Induce Diverse Binding and T Cell Activation Outcomes. Journal of the American Chemical Society, 2021, 143, 6470-6481.	13.7	10
12	SARS-CoV-2 human TÂcell epitopes: Adaptive immune response against COVID-19. Cell Host and Microbe, 2021, 29, 1076-1092.	11.0	242
13	Impact of SARS-CoV-2 variants on the total CD4+ and CD8+ TÂcell reactivity in infected or vaccinated individuals. Cell Reports Medicine, 2021, 2, 100355.	6.5	490
14	Profiling Human Cytomegalovirus-Specific T Cell Responses Reveals Novel Immunogenic Open Reading Frames. Journal of Virology, 2021, 95, e0094021.	3.4	9
15	Identification and Characterization of Rift Valley Fever Virus-Specific T Cells Reveals a Dependence on CD40/CD40L Interactions for Prevention of Encephalitis. Journal of Virology, 2021, 95, e0150621.	3.4	5
16	Functional HPV-specific PD-1+ stem-like CD8 T cells in head and neck cancer. Nature, 2021, 597, 279-284.	27.8	153
17	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. PLoS Pathogens, 2021, 17, e1009842.	4.7	40
18	Characterization of Conserved and Promiscuous Human Rhinovirus CD4 T Cell Epitopes. Cells, 2021, 10, 2294.	4.1	1

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19	CD8+ T cells specific for cryptic apoptosis-associated epitopes exacerbate experimental autoimmune encephalomyelitis. Cell Death and Disease, 2021, 12, 1026.	6.3	6
20	Generation of a Novel SARS-CoV-2 Sub-genomic RNA Due to the R203K/G204R Variant in Nucleocapsid: Homologous Recombination has Potential to Change SARS-CoV-2 at Both Protein and RNA Level. Pathogens and Immunity, 2021, 6, 27-49.	3.1	10
21	Restricted myeloperoxidase epitopes drive the adaptive immune response in MPO-ANCA vasculitis. Journal of Autoimmunity, 2020, 106, 102306.	6.5	21
22	Key Parameters of Tumor Epitope Immunogenicity Revealed Through a Consortium Approach Improve Neoantigen Prediction. Cell, 2020, 183, 818-834.e13.	28.9	287
23	Identification of Novel Yellow Fever Class II Epitopes in YF-17D Vaccinees. Viruses, 2020, 12, 1300.	3.3	3
24	Selective and cross-reactive SARS-CoV-2 T cell epitopes in unexposed humans. Science, 2020, 370, 89-94.	12.6	1,036
25	Identification and Characterization of CD4 ⁺ T Cell Epitopes after Shingrix Vaccination. Journal of Virology, 2020, 94, .	3.4	18
26	Epitope prediction and identification- adaptive T cell responses in humans. Seminars in Immunology, 2020, 50, 101418.	5.6	36
27	Impact of Cysteine Residues on MHC Binding Predictions and Recognition by Tumor-Reactive T Cells. Journal of Immunology, 2020, 205, 539-549.	0.8	14
28	A Sequence Homology and Bioinformatic Approach Can Predict Candidate Targets for Immune Responses to SARS-CoV-2. Cell Host and Microbe, 2020, 27, 671-680.e2.	11.0	893
29	Detection of EXP1-Specific CD4+ T Cell Responses Directed Against a Broad Range of Epitopes Including Two Promiscuous MHC Class II Binders During Acute Plasmodium falciparum Malaria. Frontiers in Immunology, 2020, 10, 3037.	4.8	8
30	Candidate Targets for Immune Responses to 2019-Novel Coronavirus (nCoV): Sequence Homology- and Bioinformatic-Based Predictions. SSRN Electronic Journal, 2020, , 3541361.	0.4	13
31	Recognition of Class II MHC Peptide Ligands That Contain Î²-Amino Acids. Journal of Immunology, 2019, 203, 1619-1628.	0.8	7
32	Characterization of Magnitude and Antigen Specificity of HLA-DP, DQ, and DRB3/4/5 Restricted DENV-Specific CD4+ T Cell Responses. Frontiers in Immunology, 2019, 10, 1568.	4.8	35
33	Quantification of epitope abundance reveals the effect of direct and cross-presentation on influenza CTL responses. Nature Communications, 2019, 10, 2846.	12.8	70
34	A survey of known immune epitopes in the enteroviruses strains associated with acute flaccid myelitis. Human Immunology, 2019, 80, 923-929.	2.4	11
35	Longitudinal Analysis of the Human B Cell Response to Ebola Virus Infection. Cell, 2019, 177, 1566-1582.e17.	28.9	153
36	Widespread Tau-Specific CD4 T Cell Reactivity in the General Population. Journal of Immunology, 2019, 203, 84-92.	0.8	36

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37	Naturally processed HLAâ€DR3â€restricted HHVâ€6B peptides are recognized broadly with polyfunctional and cytotoxic CD4 Tâ€cell responses. European Journal of Immunology, 2019, 49, 1167-1185.	2.9	19
38	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
39	Counter-regulation of regulatory T cells by autoreactive CD8+ T cells in rheumatoid arthritis. Journal of Autoimmunity, 2019, 99, 81-97.	6.5	22
40	An in silicoâ€"in vitro Pipeline Identifying an HLA-A*02:01+ KRAS G12V+ Spliced Epitope Candidate for a Broad Tumor-Immune Response in Cancer Patients. Frontiers in Immunology, 2019, 10, 2572.	4.8	38
41	Mapping the MHC Class Iâ€“Spliced Immunopeptidome of Cancer Cells. Cancer Immunology Research, 2019, 7, 62-76.	3.4	60
42	Detection of a Broad Range of Low-Level Major Histocompatibility Complex Class IIâ€“Restricted, Hepatitis Delta Virus (HDV)â€“Specific T-Cell Responses Regardless of Clinical Status. Journal of Infectious Diseases, 2019, 219, 568-577.	4.0	26
43	Epitope-specific airway-resident CD4+ T cell dynamics during experimental human RSV infection. Journal of Clinical Investigation, 2019, 130, 523-538.	8.2	42
44	Sequence-based HLA-A, B, C, DP, DQ, and DR typing of 714 adults from Colombo, Sri Lanka. Human Immunology, 2018, 79, 87-88.	2.4	7
45	Low HLA binding of diabetes-associated CD8+ T-cell epitopes is increased by post translational modifications. BMC Immunology, 2018, 19, 12.	2.2	29
46	Regulatory CD4 ⁺ T Cells Recognize Major Histocompatibility Complex Class II Moleculeâ€“Restricted Peptide Epitopes of Apolipoprotein B. Circulation, 2018, 138, 1130-1143.	1.6	140
47	Sequence-based HLA-A, B, C, DP, DQ, and DR typing of 159 individuals from the Worcester region of the Western Cape province of South Africa. Human Immunology, 2018, 79, 143-144.	2.4	7
48	Development of a strategy and computational application to select candidate protein analogues with reduced <scp>HLA</scp> binding and immunogenicity. Immunology, 2018, 153, 118-132.	4.4	19
49	Novel and shared neoantigen derived from histone 3 variant H3.3K27M mutation for glioma T cell therapy. Journal of Experimental Medicine, 2018, 215, 141-157.	8.5	186
50	Sequence-based HLA-A, B, C, DP, DQ, and DR typing of 339 adults from Managua, Nicaragua. Human Immunology, 2018, 79, 1-2.	2.4	8
51	Cutting Edge: Transcriptional Profiling Reveals Multifunctional and Cytotoxic Antiviral Responses of Zika Virusâ€“Specific CD8+ T Cells. Journal of Immunology, 2018, 201, 3487-3491.	0.8	70
52	A Review on T Cell Epitopes Identified Using Prediction and Cell-Mediated Immune Models for Mycobacterium tuberculosis and Bordetella pertussis. Frontiers in Immunology, 2018, 9, 2778.	4.8	41
53	Sequence-based HLA-A, B, C, DP, DQ, and DR typing of 496 adults from San Diego, California, USA. Human Immunology, 2018, 79, 821-822.	2.4	10
54	Microbiota epitope similarity either dampens or enhances the immunogenicity of disease-associated antigenic epitopes. PLoS ONE, 2018, 13, e0196551.	2.5	31

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55	The effect of acylation with fatty acids and other modifications on HLA class II:peptide binding and T cell stimulation for three model peptides. PLoS ONE, 2018, 13, e0197407.	2.5	12
56	Predicting T cell recognition of MHC class I restricted neoepitopes. OncoImmunology, 2018, 7, e1492508.	4.6	82
57	Allergen and Epitope Targets of Mouse-Specific T Cell Responses in Allergy and Asthma. Frontiers in Immunology, 2018, 9, 235.	4.8	32
58	Urinary Peptides As a Novel Source of T Cell Allergen Epitopes. Frontiers in Immunology, 2018, 9, 886.	4.8	16
59	Predicting HLA CD4 Immunogenicity in Human Populations. Frontiers in Immunology, 2018, 9, 1369.	4.8	101
60	Development of a novel clustering tool for linear peptide sequences. Immunology, 2018, 155, 331-345.	4.4	73
61	Mass Spectrometry Profiling of HLA-Associated Peptidomes in Mono-allelic Cells Enables More Accurate Epitope Prediction. Immunity, 2017, 46, 315-326.	14.3	596
62	Patterns of Cellular Immunity Associated with Experimental Infection with rDEN2Î”30 (Tonga/74) Support Its Suitability as a Human Dengue Virus Challenge Strain. Journal of Virology, 2017, 91, .	3.4	24
63	Gliadin-Specific CD8+ T Cell Responses Restricted by HLA Class I A*0101 and B*0801 Molecules in Celiac Disease Patients. Journal of Immunology, 2017, 198, 1838-1845.	0.8	12
64	T cells from patients with Parkinsonâ€™s disease recognize Î±-synuclein peptides. Nature, 2017, 546, 656-661.	27.8	618
65	Bolstering the Number and Function of HSV-1â€“Specific CD8+ Effector Memory T Cells and Tissue-Resident Memory T Cells in Latently Infected Trigeminal Ganglia Reduces Recurrent Ocular Herpes Infection and Disease. Journal of Immunology, 2017, 199, 186-203.	0.8	38
66	Epitope-specific immunotherapy targeting CD4-positive T cells in coeliac disease: two randomised, double-blind, placebo-controlled phase 1 studies. The Lancet Gastroenterology and Hepatology, 2017, 2, 479-493.	8.1	113
67	Atheroprotective vaccination with MHC-II-restricted ApoB peptides induces peritoneal IL-10-producing CD4 T cells. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H781-H790.	3.2	42
68	Peptide-binding motifs of two common equine class I MHC molecules in Thoroughbred horses. Immunogenetics, 2017, 69, 351-358.	2.4	1
69	Human CD4 ⁺ T Cell Responses to an Attenuated Tetravalent Dengue Vaccine Parallel Those Induced by Natural Infection in Magnitude, HLA Restriction, and Antigen Specificity. Journal of Virology, 2017, 91, .	3.4	83
70	Prior Dengue Virus Exposure Shapes T Cell Immunity to Zika Virus in Humans. Journal of Virology, 2017, 91, .	3.4	148
71	Protein nanovaccine confers robust immunity against Toxoplasma. Npj Vaccines, 2017, 2, 24.	6.0	47
72	Differential Recognition ofMycobacterium tuberculosisâ€“Specific Epitopes as a Function of Tuberculosis Disease History. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 772-781.	5.6	39

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73	Lack of evidence for post-vaccine onset of autoimmune/lymphoproliferative disorders, during a nine-month follow-up in multiply vaccinated Italian military personnel. Clinical Immunology, 2017, 181, 60-66.	3.2	5
74	Experimental validation of the RATE tool for inferring HLA restrictions of T cell epitopes. BMC Immunology, 2017, 18, 20.	2.2	17
75	Global Assessment of Dengue Virus-Specific CD4+ T Cell Responses in Dengue-Endemic Areas. Frontiers in Immunology, 2017, 8, 1309.	4.8	77
76	Definition of Human Epitopes Recognized in Tetanus Toxoid and Development of an Assay Strategy to Detect Ex Vivo Tetanus CD4+ T Cell Responses. PLoS ONE, 2017, 12, e0169086.	2.5	60
77	Citrullination only infrequently impacts peptide binding to HLA class II MHC. PLoS ONE, 2017, 12, e0177140.	2.5	36
78	Immunodominance in allergic T-cell reactivity to Japanese cedar in different geographic cohorts. Annals of Allergy, Asthma and Immunology, 2016, 117, 680-689.e1.	1.0	14
79	Impact of pre-adapted HIV transmission. Nature Medicine, 2016, 22, 606-613.	30.7	87
80	Protective Role of Cross-Reactive CD8 T Cells Against Dengue Virus Infection. EBioMedicine, 2016, 13, 284-293.	6.1	85
81	Preventing tumor escape by targeting a post-proteasomal trimming independent epitope. Journal of Experimental Medicine, 2016, 213, 2333-2348.	8.5	22
82	TepiTool: A Pipeline for Computational Prediction of T Cell Epitope Candidates. Current Protocols in Immunology, 2016, 114, 18.19.1-18.19.24.	3.6	169
83	HLA-DRB1 Alleles Are Associated With Different Magnitudes of Dengue Virusâ€“Specific CD4⁺T-Cell Responses. Journal of Infectious Diseases, 2016, 214, 1117-1124.	4.0	88
84	A large fraction of HLA class I ligands are proteasome-generated spliced peptides. Science, 2016, 354, 354-358.	12.6	322
85	An ontology for major histocompatibility restriction. Journal of Biomedical Semantics, 2016, 7, 1.	1.6	43
86	Characterization of the peptide binding specificity of the HLA class I alleles B*38:01 and B*39:06. Immunogenetics, 2016, 68, 231-236.	2.4	5
87	The Length Distribution of Class Iâ€“Restricted T Cell Epitopes Is Determined by Both Peptide Supply and MHC Alleleâ€“Specific Binding Preference. Journal of Immunology, 2016, 196, 1480-1487.	0.8	192
88	Immunodominant Dengue Virus-Specific CD8 ⁺ T Cell Responses Are Associated with a Memory PD-1 ⁺ Phenotype. Journal of Virology, 2016, 90, 4771-4779.	3.4	71
89	Apoptotic Epitopeâ€“Specific CD8⁺T Cells and Interferon Signaling Intersect in Chronic Hepatitis C Virus Infection. Journal of Infectious Diseases, 2016, 213, 674-683.	4.0	8
90	Adjuvanted multi-epitope vaccines protect HLA-A*11:01 transgenic mice against Toxoplasma gondii. JCI Insight, 2016, 1, e85955.	5.0	37

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91	Acyclovir Has Low but Detectable Influence on HLA-B*57:01 Specificity without Inducing Hypersensitivity. PLoS ONE, 2015, 10, e0124878.	2.5	11
92	Automatic Generation of Validated Specific Epitope Sets. Journal of Immunology Research, 2015, 2015, 1-11.	2.2	90
93	RSV-specific airway resident memory CD8+ T cells and differential disease severity after experimental human infection. Nature Communications, 2015, 6, 10224.	12.8	237
94	The T210M Substitution in the HLA-a*02:01 gp100 Epitope Strongly Affects Overall Proteasomal Cleavage Site Usage and Antigen Processing. Journal of Biological Chemistry, 2015, 290, 30417-30428.	3.4	20
95	Consequences of Periodic Î±-to-Î²³ Residue Replacement for Immunological Recognition of Peptide Epitopes. ACS Chemical Biology, 2015, 10, 844-854.	3.4	22
96	Immunological consequences of intragenus conservation ofMycobacterium tuberculosisT-cell epitopes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E147-55.	7.1	69
97	Automated benchmarking of peptide-MHC class I binding predictions. Bioinformatics, 2015, 31, 2174-2181.	4.1	127
98	Human Ebola virus infection results in substantial immune activation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4719-4724.	7.1	274
99	A side-by-side comparison of T cell reactivity to fifty-nine Mycobacterium tuberculosis antigens in diverse populations from five continents. Tuberculosis, 2015, 95, 713-721.	1.9	35
100	Dengue virus infection elicits highly polarized CX3CR1⁺cytotoxic CD4⁺T cells associated with protective immunity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4256-63.	7.1	266
101	Development and validation of a broad scheme for prediction of HLA class II restricted T cell epitopes. Journal of Immunological Methods, 2015, 422, 28-34.	1.4	171
102	A Population Response Analysis Approach To Assign Class II HLA-Epitope Restrictions. Journal of Immunology, 2015, 194, 6164-6176.	0.8	51
103	Human CD8⁺T-Cell Responses Against the 4 Dengue Virus Serotypes Are Associated With Distinct Patterns of Protein Targets. Journal of Infectious Diseases, 2015, 212, 1743-1751.	4.0	129
104	Fine specificities of natural regulatory T cells after IVIG therapy in patients with Kawasaki disease. Autoimmunity, 2015, 48, 181-188.	2.6	23
105	The common equine class I molecule Eqca-1*00101 (ELA-A3.1) is characterized by narrow peptide binding and T cell epitope repertoires. Immunogenetics, 2015, 67, 675-689.	2.4	7
106	The Human CD8 ⁺ T Cell Responses Induced by a Live Attenuated Tetravalent Dengue Vaccine Are Directed against Highly Conserved Epitopes. Journal of Virology, 2015, 89, 120-128.	3.4	148
107	Identification of Immunodominant CD4-Restricted Epitopes Co-Located with Antibody Binding Sites in Individuals Vaccinated with ALVAC-HIV and AIDSVAX B/E. PLoS ONE, 2015, 10, e0115582.	2.5	10
108	CD8+ T Cells Specific to Apoptosis-Associated Antigens Predict the Response to Tumor Necrosis Factor Inhibitor Therapy in Rheumatoid Arthritis. PLoS ONE, 2015, 10, e0128607.	2.5	19

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109	Abstract O.19: Fine Specificity Of Natural Regulatory T Cells That Modulate Vascular Inflammation. Circulation, 2015, 131, .	1.6	0
110	Broadly Reactive Human CD8 T Cells that Recognize an Epitope Conserved between VZV, HSV and EBV. PLoS Pathogens, 2014, 10, e1004008.	4.7	36
111	CD4 T Cells Specific for a Latency-Associated Î³-Herpesvirus Epitope Are Polyfunctional and Cytotoxic. Journal of Immunology, 2014, 193, 5827-5834.	0.8	21
112	Paradigm-violating HLA Class II-restricted CD8 T-cells in HIV-infection. AIDS Research and Human Retroviruses, 2014, 30, A75-A75.	1.1	0
113	Allergy-associated T cell epitope repertoires are surprisingly diverse and include non-IgE reactive antigens. World Allergy Organization Journal, 2014, 7, 26.	3.5	8
114	Development and validation of a broad scheme for prediction of HLA class II restricted T cell epitopes. , 2014, , .		4
115	Impact of Distinct Poxvirus Infections on the Specificities and Functionalities of CD4⁺T Cell Responses. Journal of Virology, 2014, 88, 10078-10091.	3.4	12
116	Systematic identification of personal tumor-specific neoantigens in chronic lymphocytic leukemia. Blood, 2014, 124, 453-462.	1.4	286
117	Immunodominance Changes as a Function of the Infecting Dengue Virus Serotype and Primary versus Secondary Infection. Journal of Virology, 2014, 88, 11383-11394.	3.4	100
118	Analysis of HLA A*02 Association with Vaccine Efficacy in the RV144 HIV-1 Vaccine Trial. Journal of Virology, 2014, 88, 8242-8255.	3.4	55
119	Dataset size and composition impact the reliability of performance benchmarks for peptide-MHC binding predictions. BMC Bioinformatics, 2014, 15, 241.	2.6	71
120	HLA-Bâˆ—27 subtype specificity determines targeting and viral evolution of a hepatitis C virus-specific CD8+ T cell epitope. Journal of Hepatology, 2014, 60, 22-29.	3.7	24
121	Increased CD8+ T cell responses to apoptotic T cell-associated antigens in multiple sclerosis. Journal of Neuroinflammation, 2013, 10, 94.	7.2	22
122	A strategy to determine HLA class II restriction broadly covering the DR, DP, and DQ allelic variants most commonly expressed in the general population. Immunogenetics, 2013, 65, 357-370.	2.4	77
123	HLA Class I Alleles Are Associated with Peptide-Binding Repertoires of Different Size, Affinity, and Immunogenicity. Journal of Immunology, 2013, 191, 5831-5839.	0.8	249
124	Comprehensive analysis of dengue virus-specific responses supports an HLA-linked protective role for CD8 ⁺ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2046-53.	7.1	524
125	Measurement of MHC/Peptide Interactions by Gel Filtration or Monoclonal Antibody Capture. Current Protocols in Immunology, 2013, 100, Unit 18.3..	3.6	137
126	Atheroprotective Vaccination with MHC-II Restricted Peptides from ApoB-100. Frontiers in Immunology, 2013, 4, 493.	4.8	78

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127	Memory T Cells in Latent Mycobacterium tuberculosis Infection Are Directed against Three Antigenic Islands and Largely Contained in a CXCR3+CCR6+ Th1 Subset. PLoS Pathogens, 2013, 9, e1003130.	4.7	258
128	Previously undescribed grass pollen antigens are the major inducers of T helper 2 cytokine-producing T cells in allergic individuals. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3459-3464.	7.1	88
129	Evaluating the Immunogenicity of Protein Drugs by ApplyingIn VitroMHC Binding Data and the Immune Epitope Database and Analysis Resource. Clinical and Developmental Immunology, 2013, 2013, 1-7.	3.3	50
130	Polyfunctional Type-1, -2, and -17 CD8+ T Cell Responses to Apoptotic Self-Antigens Correlate with the Chronic Evolution of Hepatitis C Virus Infection. PLoS Pathogens, 2012, 8, e1002759.	4.7	22
131	T Cell Responses to Known Allergen Proteins Are Differently Polarized and Account for a Variable Fraction of Total Response to Allergen Extracts. Journal of Immunology, 2012, 189, 1800-1811.	0.8	59
132	Dissecting Mechanisms of Immunodominance to the Common Tuberculosis Antigens ESAT-6, CFP10, Rv2031c (hspX), Rv2654c (TB7.7), and Rv1038c (EsxJ). Journal of Immunology, 2012, 188, 5020-5031.	0.8	95
133	Analysis of T Cell Responses to the Major Allergens from German Cockroach: Epitope Specificity and Relationship to IgE Production. Journal of Immunology, 2012, 189, 679-688.	0.8	59
134	Systematic Identification of Personal Mutated Tumor-Specific Neoantigens in CLL. Blood, 2012, 120, 954-954.	1.4	0
135	Functional classification of class II human leukocyte antigen (HLA) molecules reveals seven different supertypes and a surprising degree of repertoire sharing across supertypes. Immunogenetics, 2011, 63, 325-335.	2.4	351
136	The role of MHC class I allele Mamu-A*07 during SIVmac239 infection. Immunogenetics, 2011, 63, 789-807.	2.4	19
137	A computational pipeline to generate MHC binding motifs. Immunome Research, 2011, 7, .	0.1	2
138	Peptide binding predictions for HLA DR, DP and DQ molecules. BMC Bioinformatics, 2010, 11, 568.	2.6	570
139	Divergent Motifs but Overlapping Binding Repertoires of Six HLA-DQ Molecules Frequently Expressed in the Worldwide Human Population. Journal of Immunology, 2010, 185, 4189-4198.	0.8	73
140	Molecular Determinants of T Cell Epitope Recognition to the Common Timothy Grass Allergen. Journal of Immunology, 2010, 185, 943-955.	0.8	163
141	Five HLA-DP Molecules Frequently Expressed in the Worldwide Human Population Share a Common HLA Supertypic Binding Specificity. Journal of Immunology, 2010, 184, 2492-2503.	0.8	93
142	IMMUNOCATâ€"A Data Management System for Epitope Mapping Studies. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-8.	3.0	3
143	Polyfunctional CD4+ T cell responses to a set of pathogenic arenaviruses provide broad population coverage. Immunome Research, 2010, 6, 4.	0.1	16
144	Peptides Derived From Mutated BCR-ABL Elicit T Cell Immunity In CML Patients. Blood, 2010, 116, 887-887.	1.4	1

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145	Herpes simplex virus type 2 tegument proteins contain subdominant T-cell epitopes detectable in BALB/c mice after DNA immunization and infection. Journal of General Virology, 2009, 90, 1153-1163.	2.9	33
146	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. Journal of Immunology, 2009, 182, 7763-7775.	0.8	104
147	Correlates of protection efficacy induced by vaccinia virusâ€specific CD8⁺ Tâ€cell epitopes in the murine intranasal challenge model. European Journal of Immunology, 2009, 39, 717-722.	2.9	43
148	NetMHCpan, a method for MHC class I binding prediction beyond humans. Immunogenetics, 2009, 61, 1-13.	2.4	725
149	Quantitative peptide binding motifs for 19 human and mouse MHC class I molecules derived using positional scanning combinatorial peptide libraries. Immunome Research, 2008, 4, 2.	0.1	293
150	HLA class I supertypes: a revised and updated classification. BMC Immunology, 2008, 9, 1.	2.2	591
151	Reply to Satheshkumar and Moss: Poxvirus transcriptome analysis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, E63-E64.	7.1	4
152	A Systematic Assessment of MHC Class II Peptide Binding Predictions and Evaluation of a Consensus Approach. PLoS Computational Biology, 2008, 4, e1000048.	3.2	739
153	Identification of vaccine candidate peptides and harvesting epitopes of Brucella melitensis. FASEB Journal, 2008, 22, 855.18.	0.5	0
154	Kinetic Analysis of a Complete Poxvirus Transcriptome Reveals a Novel Class of Genes. FASEB Journal, 2008, 22, .	0.5	0
155	Designer glycopeptides for cytotoxic T cellâ€based elimination of carcinomas. FASEB Journal, 2008, 22, 1079.3.	0.5	0
156	Decoding Immunodominance of an Antiviral CD8+ T Cell Response. FASEB Journal, 2008, 22, 855.3.	0.5	0
157	A Quantitative Analysis of the Variables Affecting the Repertoire of T Cell Specificities Recognized after Vaccinia Virus Infection. Journal of Immunology, 2007, 178, 7890-7901.	0.8	168
158	Vaccinia Virus-Specific CD4+ T Cell Responses Target a Set of Antigens Largely Distinct from Those Targeted by CD8+ T Cell Responses. Journal of Immunology, 2007, 178, 6814-6820.	0.8	97
159	The CD8 + T-Cell Response to Lymphocytic Choriomeningitis Virus Involves the L Antigen: Uncovering New Tricks for an Old Virus. Journal of Virology, 2007, 81, 4928-4940.	3.4	105
160	HLA-A2-Restricted Protection against Lethal Lymphocytic Choriomeningitis. Journal of Virology, 2007, 81, 2307-2317.	3.4	19
161	Cross-presentation of caspase-cleaved apoptotic self antigens in HIV infection. Nature Medicine, 2007, 13, 1431-1439.	30.7	74
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