

Sren Buus

List of Publications by Year in Descending Order

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202
papers

12,108
citations

53
h-index

105
g-index

209
ext. papers

14,394
ext. citations

6.3
avg, IF

5.93
L-index

#	Paper	IF	Citations
202	Minimal Information about MHC Multimers (MIAMM).. <i>Journal of Immunology</i> , 2022 , 208, 531-537	5.3	
201	Integral Use of Immunopeptidomics and Immunoinformatics for the Characterization of Antigen Presentation and Rational Identification of BoLA-DR-Presented Peptides and Epitopes. <i>Journal of Immunology</i> , 2021 , 206, 2489-2497	5.3	2
200	Capsid-like particles decorated with the SARS-CoV-2 receptor-binding domain elicit strong virus neutralization activity. <i>Nature Communications</i> , 2021 , 12, 324	17.4	32
199	Normal T and B Cell Responses Against SARS-CoV-2 in a Family With a Non-Functional Vitamin D Receptor: A Case Report. <i>Frontiers in Immunology</i> , 2021 , 12, 758154	8.4	1
198	CD8 T Cells Variably Recognize Native Versus Citrullinated GRP78 Epitopes in Type 1 Diabetes. <i>Diabetes</i> , 2021 , 70, 2879-2891	0.9	2
197	Measles-mumps-rubella vaccine at 6 months of age, immunology, and childhood morbidity in a high-income setting: study protocol for a randomized controlled trial. <i>Trials</i> , 2020 , 21, 1015	2.8	0
196	Immunoinformatics: Predicting Peptide-MHC Binding. <i>Annual Review of Biomedical Data Science</i> , 2020 , 3, 191-215	5.6	18
195	HLA Class II Specificity Assessed by High-Density Peptide Microarray Interactions. <i>Journal of Immunology</i> , 2020 , 205, 290-299	5.3	7
194	T Cell Responses Induced by Attenuated Flavivirus Vaccination Are Specific and Show Limited Cross-Reactivity with Other Flavivirus Species. <i>Journal of Virology</i> , 2020 , 94,	6.6	24
193	Unbiased Characterization of Peptide-HLA Class II Interactions Based on Large-Scale Peptide Microarrays; Assessment of the Impact on HLA Class II Ligand and Epitope Prediction. <i>Frontiers in Immunology</i> , 2020 , 11, 1705	8.4	1
192	A Systematic, Unbiased Mapping of CD8 and CD4 T Cell Epitopes in Yellow Fever Vaccinees. <i>Frontiers in Immunology</i> , 2020 , 11, 1836	8.4	6
191	Effector CD8 T Cell-Dependent Zika Virus Control in the CNS: A Matter of Time and Numbers. <i>Frontiers in Immunology</i> , 2020 , 11, 1977	8.4	3
190	Peptides Derived From Insulin Granule Proteins Are Targeted by CD8 T Cells Across MHC Class I Restrictions in Humans and NOD Mice. <i>Diabetes</i> , 2020 , 69, 2678-2690	0.9	13
189	NNAlign_MA; MHC Peptidome Deconvolution for Accurate MHC Binding Motif Characterization and Improved T-cell Epitope Predictions. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 2459-2477	7.6	36
188	Efficient Induction of T Cells against Conserved HIV-1 Regions by Mosaic Vaccines Delivered as Self-Amplifying mRNA. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019 , 12, 32-46	6.4	41
187	Islet-reactive CD8 T cell frequencies in the pancreas, but not in blood, distinguish type 1 diabetic patients from healthy donors. <i>Science Immunology</i> , 2018 , 3,	28	98
186	Improved methods for predicting peptide binding affinity to MHC class II molecules. <i>Immunology</i> , 2018 , 154, 394-406	7.8	343

185	Conventional and Neo-antigenic Peptides Presented by T Cells Are Targeted by Circulating Naïve CD8+ T Cells in Type 1 Diabetic and Healthy Donors. <i>Cell Metabolism</i> , 2018 , 28, 946-960.e6	24.6	104
184	A New Model to Study Protective Immunity to Zika Virus Infection in Mice With Intact Type I Interferon Signaling. <i>Frontiers in Immunology</i> , 2018 , 9, 593	8.4	23
183	Differential Immunodominance Hierarchy of CD8 T-Cell Responses in HLA-B*27:05- and -B*27:02-Mediated Control of HIV-1 Infection. <i>Journal of Virology</i> , 2018 , 92,	6.6	9
182	Personalized adoptive immunotherapy for patients with EBV-associated tumors and complications: Evaluation of novel naturally processed and presented EBV-derived T-cell epitopes. <i>Oncotarget</i> , 2018 , 9, 4737-4757	3.3	8
181	Footprints of antigen processing boost MHC class II natural ligand predictions. <i>Genome Medicine</i> , 2018 , 10, 84	14.4	45
180	Major TCR Repertoire Perturbation by Immunodominant HLA-B44:03-Restricted CMV-Specific T Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 2539	8.4	16
179	Post hoc assessment of the immunogenicity of bioengineered factor VIIa demonstrates the use of preclinical tools. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	43
178	HIV Controllers Exhibit Enhanced Frequencies of Major Histocompatibility Complex Class II Tetramer Gag-Specific CD4 T Cells in Chronic Clade C HIV-1 Infection. <i>Journal of Virology</i> , 2017 , 91,	6.6	11
177	Adaptive immune responses to booster vaccination against yellow fever virus are much reduced compared to those after primary vaccination. <i>Scientific Reports</i> , 2017 , 7, 662	4.9	28
176	Prediction and in vitro verification of potential CTL epitopes conserved among PRRSV-2 strains. <i>Immunogenetics</i> , 2017 , 69, 689-702	3.2	7
175	Saporin-conjugated tetramers identify efficacious anti-HIV CD8+ T-cell specificities. <i>PLoS ONE</i> , 2017 , 12, e0184496	3.7	2
174	HIV-1 adaptation to NK cell-mediated immune pressure. <i>PLoS Pathogens</i> , 2017 , 13, e1006361	7.6	7
173	HLA-B*14:02-Restricted Env-Specific CD8 T-Cell Activity Has Highly Potent Antiviral Efficacy Associated with Immune Control of HIV Infection. <i>Journal of Virology</i> , 2017 , 91,	6.6	9
172	Low antigen dose formulated in CAF09 adjuvant Favours a cytotoxic T-cell response following intraperitoneal immunization in Göttingen minipigs. <i>Vaccine</i> , 2017 , 35, 5629-5636	4.1	9
171	Shared peptide binding of HLA Class I and II alleles associate with cutaneous nevirapine hypersensitivity and identify novel risk alleles. <i>Scientific Reports</i> , 2017 , 7, 8653	4.9	30
170	Structural Elements Recognized by Abacavir-Induced T Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	16
169	ArrayPitope: Automated Analysis of Amino Acid Substitutions for Peptide Microarray-Based Antibody Epitope Mapping. <i>PLoS ONE</i> , 2017 , 12, e0168453	3.7	8
168	Immunodominant cytomegalovirus-specific CD8+ T-cell responses in sub-Saharan African populations. <i>PLoS ONE</i> , 2017 , 12, e0189612	3.7	8

167	Extensive CD4 and CD8 T Cell Cross-Reactivity between Alphaherpesviruses. <i>Journal of Immunology</i> , 2016 , 196, 2205-2218	5.3	36
166	A combined prediction strategy increases identification of peptides bound with high affinity and stability to porcine MHC class I molecules SLA-1*04:01, SLA-2*04:01, and SLA-3*04:01. <i>Immunogenetics</i> , 2016 , 68, 157-65	3.2	11
165	Immunogenicity of HLA Class I and II Double Restricted Influenza A-Derived Peptides. <i>PLoS ONE</i> , 2016 , 11, e0145629	3.7	8
164	Vaccination with Replication Deficient Adenovectors Encoding YF-17D Antigens Induces Long-Lasting Protection from Severe Yellow Fever Virus Infection in Mice. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004464	4.8	16
163	Pan-Specific Prediction of Peptide-MHC Class I Complex Stability, a Correlate of T Cell Immunogenicity. <i>Journal of Immunology</i> , 2016 , 197, 1517-24	5.3	103
162	Expanding specificity of class I restricted CD8 T cells for viral epitopes following multiple inoculations of swine with a human adenovirus vectored foot-and-mouth disease virus (FMDV) vaccine. <i>Veterinary Immunology and Immunopathology</i> , 2016 , 181, 59-67	2	7
161	Different binding motifs of the celiac disease-associated HLA molecules DQ2.5, DQ2.2, and DQ7.5 revealed by relative quantitative proteomics of endogenous peptide repertoires. <i>Immunogenetics</i> , 2015 , 67, 73-84	3.2	63
160	A molecular switch in immunodominant HIV-1-specific CD8 T-cell epitopes shapes differential HLA-restricted escape. <i>Retrovirology</i> , 2015 , 12, 20	3.6	24
159	CD8+ TCR Bias and Immunodominance in HIV-1 Infection. <i>Journal of Immunology</i> , 2015 , 194, 5329-45	5.3	25
158	A modern approach for epitope prediction: identification of foot-and-mouth disease virus peptides binding bovine leukocyte antigen (BoLA) class I molecules. <i>Immunogenetics</i> , 2015 , 67, 691-703	3.2	12
157	Accurate pan-specific prediction of peptide-MHC class II binding affinity with improved binding core identification. <i>Immunogenetics</i> , 2015 , 67, 641-50	3.2	200
156	Magnitude and Kinetics of CD8+ T Cell Activation during Hyperacute HIV Infection Impact Viral Set Point. <i>Immunity</i> , 2015 , 43, 591-604	32.3	164
155	HLA class I is most tightly linked to levels of tapasin compared with other antigen-processing proteins in glioblastoma. <i>British Journal of Cancer</i> , 2015 , 113, 952-62	8.7	12
154	T cell-mediated hypersensitivity reactions to drugs. <i>Annual Review of Medicine</i> , 2015 , 66, 439-54	17.4	90
153	Disease progression despite protective HLA expression in an HIV-infected transmission pair. <i>Retrovirology</i> , 2015 , 12, 55	3.6	10
152	Establishing the pig as a large animal model for vaccine development against human cancer. <i>Frontiers in Genetics</i> , 2015 , 6, 286	4.5	12
151	Abacavir-reactive memory T cells are present in drug naïve individuals. <i>PLoS ONE</i> , 2015 , 10, e0117160	3.7	60
150	Acyclovir Has Low but Detectable Influence on HLA-B*57:01 Specificity without Inducing Hypersensitivity. <i>PLoS ONE</i> , 2015 , 10, e0124878	3.7	8

149	Materno-Fetal Transfer of Preproinsulin Through the Neonatal Fc Receptor Prevents Autoimmune Diabetes. <i>Diabetes</i> , 2015 , 64, 3532-42	0.9	19
148	CD8+ T cells complement antibodies in protecting against yellow fever virus. <i>Journal of Immunology</i> , 2015 , 194, 1141-53	5.3	50
147	Expression levels of MHC class I molecules are inversely correlated with promiscuity of peptide binding. <i>ELife</i> , 2015 , 4, e05345	8.9	81
146	Automated High-Throughput Mapping of Linear B-Cell Epitopes Using a Statistical Analysis of High-Density Peptide Microarray Data. <i>Methods in Molecular Biology</i> , 2015 , 1348, 215-28	1.4	2
145	HIV subtype influences HLA-B*07:02-associated HIV disease outcome. <i>AIDS Research and Human Retroviruses</i> , 2014 , 30, 468-75	1.6	18
144	Soluble human leukocyte antigen-G in seminal plasma is associated with HLA-G genotype: possible implications for fertility success. <i>American Journal of Reproductive Immunology</i> , 2014 , 72, 89-105	3.8	27
143	Characterization of binding specificities of bovine leucocyte class I molecules: impacts for rational epitope discovery. <i>Immunogenetics</i> , 2014 , 66, 705-18	3.2	14
142	Dataset size and composition impact the reliability of performance benchmarks for peptide-MHC binding predictions. <i>BMC Bioinformatics</i> , 2014 , 15, 241	3.6	63
141	HLA class I-drug-T-cell receptor interactions in SJS/TEN. <i>Clinical and Translational Allergy</i> , 2014 , 4, P2	5.2	78
140	Use of "one-pot, mix-and-read" peptide-MHC class I tetramers and predictive algorithms to improve detection of cytotoxic T lymphocyte responses in cattle. <i>Veterinary Research</i> , 2014 , 45, 50	3.8	25
139	Identification and HLA-tetramer-validation of human CD4+ and CD8+ T cell responses against HCMV proteins IE1 and IE2. <i>PLoS ONE</i> , 2014 , 9, e94892	3.7	17
138	Uncovering the peptide-binding specificities of HLA-C: a general strategy to determine the specificity of any MHC class I molecule. <i>Journal of Immunology</i> , 2014 , 193, 4790-802	5.3	51
137	Programmed death-1 expression on HIV-1-specific CD8+ T cells is shaped by epitope specificity, T-cell receptor clonotype usage and antigen load. <i>Aids</i> , 2014 , 28, 2007-21	3.5	9
136	NetMHCstab - predicting stability of peptide-MHC-I complexes; impacts for cytotoxic T lymphocyte epitope discovery. <i>Immunology</i> , 2014 , 141, 18-26	7.8	83
135	NetMHCIIpan-3.0, a common pan-specific MHC class II prediction method including all three human MHC class II isotypes, HLA-DR, HLA-DP and HLA-DQ. <i>Immunogenetics</i> , 2013 , 65, 711-24	3.2	192
134	MHCcluster, a method for functional clustering of MHC molecules. <i>Immunogenetics</i> , 2013 , 65, 655-65	3.2	77
133	Chaperone-assisted thermostability engineering of a soluble T cell receptor using phage display. <i>Scientific Reports</i> , 2013 , 3, 1162	4.9	19
132	Ex vivo tetramer staining and cell surface phenotyping for early activation markers CD38 and HLA-DR to enumerate and characterize malaria antigen-specific CD8+ T-cells induced in human volunteers immunized with a Plasmodium falciparum adenovirus-vectored malaria vaccine expressing AMA1. <i>Malaria Journal</i> , 2013 , 12, 376	3.6	12

131	Peptide pool immunization and CD8+ T cell reactivity. <i>Immunology Letters</i> , 2013 , 151, 48-53	4.1	
130	Carbon anhydrase IX specific immune responses in patients with metastatic renal cell carcinoma potentially cured by interleukin-2 based immunotherapy. <i>Immunopharmacology and Immunotoxicology</i> , 2013 , 35, 487-96	3.2	4
129	Comparison of vaccine-induced effector CD8 T cell responses directed against self- and non-self-tumor antigens: implications for cancer immunotherapy. <i>Journal of Immunology</i> , 2013 , 191, 3955-67	5.3	40
128	HLA-A*68:02-restricted Gag-specific cytotoxic T lymphocyte responses can drive selection pressure on HIV but are subdominant and ineffective. <i>Aids</i> , 2013 , 27, 1717-23	3.5	5
127	HLA-A*01:03, HLA-A*24:02, HLA-B*08:01, HLA-B*27:05, HLA-B*35:01, HLA-B*44:02, and HLA-C*07:01 monochain transgenic/H-2 class I null mice: novel versatile preclinical models of human T cell responses. <i>Journal of Immunology</i> , 2013 , 191, 583-93	5.3	28
126	Tapasin facilitation of natural HLA-A and -B allomorphs is strongly influenced by peptide length, depends on stability, and separates closely related allomorphs. <i>Journal of Immunology</i> , 2013 , 191, 3939-47	5.3	12
125	HLA-specific intracellular epitope processing shapes an immunodominance pattern for HLA-B*57 that is distinct from HLA-B*58:01. <i>Journal of Virology</i> , 2013 , 87, 10889-94	6.6	8
124	Identification and mapping of linear antibody epitopes in human serum albumin using high-density Peptide arrays. <i>PLoS ONE</i> , 2013 , 8, e68902	3.7	36
123	Nef-specific CD8+ T cell responses contribute to HIV-1 immune control. <i>PLoS ONE</i> , 2013 , 8, e73117	3.7	30
122	Discovering naturally processed antigenic determinants that confer protective T cell immunity. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1976-87	15.9	47
121	MHC class II tetramers made from isolated recombinant α and β chains refolded with affinity-tagged peptides. <i>PLoS ONE</i> , 2013 , 8, e73648	3.7	12
120	Designing bovine T cell vaccines via reverse immunology. <i>Ticks and Tick-borne Diseases</i> , 2012 , 3, 188-92	3.6	27
119	Conservation of HIV-1 T cell epitopes across time and clades: validation of immunogenic HLA-A2 epitopes selected for the GAIA HIV vaccine. <i>Vaccine</i> , 2012 , 30, 7547-60	4.1	9
118	Identification of conserved subdominant HIV Type 1 CD8(+) T Cell epitopes restricted within common HLA Supertypes for therapeutic HIV Type 1 vaccines. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 1434-43	1.6	9
117	Humoral and cellular CMV responses in healthy donors; identification of a frequent population of CMV-specific, CD4+ T cells in seronegative donors. <i>PLoS ONE</i> , 2012 , 7, e31420	3.7	15
116	Peptide-MHC class I stability is a better predictor than peptide affinity of CTL immunogenicity. <i>European Journal of Immunology</i> , 2012 , 42, 1405-16	6.1	140
115	Drug hypersensitivity caused by alteration of the MHC-presented self-peptide repertoire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 9959-64	11.5	290
114	HLA-B*57 Micropolymorphism shapes HLA allele-specific epitope immunogenicity, selection pressure, and HIV immune control. <i>Journal of Virology</i> , 2012 , 86, 919-29	6.6	61

113	High-resolution mapping of linear antibody epitopes using ultrahigh-density peptide microarrays. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 1790-800	7.6	122
112	Further progress on defining highly conserved immunogenic epitopes for a global HIV vaccine: HLA-A3-restricted GAIA vaccine epitopes. <i>Human Vaccines and Immunotherapeutics</i> , 2012 , 8, 987-1000	4.4	13
111	HLA-B7-restricted islet epitopes are differentially recognized in type 1 diabetic children and adults and form weak peptide-HLA complexes. <i>Diabetes</i> , 2012 , 61, 2546-55	0.9	18
110	HIV control through a single nucleotide on the HLA-B locus. <i>Journal of Virology</i> , 2012 , 86, 11493-500	6.6	35
109	Differential clade-specific HLA-B*3501 association with HIV-1 disease outcome is linked to immunogenicity of a single Gag epitope. <i>Journal of Virology</i> , 2012 , 86, 12643-54	6.6	42
108	Cancer associated aberrant protein O-glycosylation can modify antigen processing and immune response. <i>PLoS ONE</i> , 2012 , 7, e50139	3.7	47
107	NNAlign: a web-based prediction method allowing non-expert end-user discovery of sequence motifs in quantitative peptide data. <i>PLoS ONE</i> , 2011 , 6, e26781	3.7	52
106	Human leukocyte antigen (HLA) class I restricted epitope discovery in yellow fever and dengue viruses: importance of HLA binding strength. <i>PLoS ONE</i> , 2011 , 6, e26494	3.7	26
105	T cells recognizing a peptide contaminant undetectable by mass spectrometry. <i>PLoS ONE</i> , 2011 , 6, e28866	3.7	5
104	Wildtype p53-specific antibody and T-cell responses in cancer patients. <i>Journal of Immunotherapy</i> , 2011 , 34, 629-40	5	9
103	Identification of MHC class II restricted T-cell-mediated reactivity against MHC class I binding Mycobacterium tuberculosis peptides. <i>Immunology</i> , 2011 , 132, 482-91	7.8	24
102	Real-time, high-throughput measurements of peptide-MHC-I dissociation using a scintillation proximity assay. <i>Journal of Immunological Methods</i> , 2011 , 374, 5-12	2.5	53
101	HLArestrictor--a tool for patient-specific predictions of HLA restriction elements and optimal epitopes within peptides. <i>Immunogenetics</i> , 2011 , 63, 43-55	3.2	49
100	Porcine major histocompatibility complex (MHC) class I molecules and analysis of their peptide-binding specificities. <i>Immunogenetics</i> , 2011 , 63, 821-34	3.2	35
99	Genome-based in silico identification of new Mycobacterium tuberculosis antigens activating polyfunctional CD8+ T cells in human tuberculosis. <i>Journal of Immunology</i> , 2011 , 186, 1068-80	5.3	40
98	Tapasin discriminates peptide-human leukocyte antigen-A*02:01 complexes formed with natural ligands. <i>Journal of Biological Chemistry</i> , 2011 , 286, 20547-57	5.4	10
97	HLA-A*7401-mediated control of HIV viremia is independent of its linkage disequilibrium with HLA-B*5703. <i>Journal of Immunology</i> , 2011 , 186, 5675-86	5.3	45
96	Induction of foot-and-mouth disease virus-specific cytotoxic T cell killing by vaccination. <i>Vaccine Journal</i> , 2011 , 18, 280-8		45

95	MHC class II epitope predictive algorithms. <i>Immunology</i> , 2010 , 130, 319-28	7.8	157
94	Major histocompatibility complex class I binding predictions as a tool in epitope discovery. <i>Immunology</i> , 2010 , 130, 309-18	7.8	91
93	Identification of CD8+ T cell epitopes in the West Nile virus polyprotein by reverse-immunology using NetCTL. <i>PLoS ONE</i> , 2010 , 5, e12697	3.7	29
92	Structural properties of MHC class II ligands, implications for the prediction of MHC class II epitopes. <i>PLoS ONE</i> , 2010 , 5, e15877	3.7	17
91	Oxidative stress can alter the antigenicity of immunodominant peptides. <i>Journal of Leukocyte Biology</i> , 2010 , 87, 165-72	6.5	26
90	Efficacious early antiviral activity of HIV Gag- and Pol-specific HLA-B 2705-restricted CD8+ T cells. <i>Journal of Virology</i> , 2010 , 84, 10543-57	6.6	72
89	NetMHCIIpan-2.0 - Improved pan-specific HLA-DR predictions using a novel concurrent alignment and weight optimization training procedure. <i>Immunome Research</i> , 2010 , 6, 9		117
88	Degree of predicted minor histocompatibility antigen mismatch correlates with poorer clinical outcomes in nonmyeloablative allogeneic hematopoietic cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2010 , 16, 1370-81	4.7	10
87	HLA class I binding 9mer peptides from influenza A virus induce CD4 T cell responses. <i>PLoS ONE</i> , 2010 , 5, e10533	3.7	20
86	Peptide binding to HLA class I molecules: homogenous, high-throughput screening, and affinity assays. <i>Journal of Biomolecular Screening</i> , 2009 , 14, 173-80		71
85	Elimination of immunodominant epitopes from multispecific DNA-based vaccines allows induction of CD8 T cells that have a striking antiviral potential. <i>Journal of Immunology</i> , 2009 , 183, 370-80	5.3	31
84	Peptide specific expansion of CD8(+) T cells by recombinant plate bound MHC/peptide complexes. <i>Journal of Immunological Methods</i> , 2009 , 340, 25-32	2.5	3
83	The outermost N-terminal region of tapasin facilitates folding of major histocompatibility complex class I. <i>European Journal of Immunology</i> , 2009 , 39, 2682-94	6.1	12
82	NetMHCpan, a method for MHC class I binding prediction beyond humans. <i>Immunogenetics</i> , 2009 , 61, 1-13	3.2	522
81	Recombinant chymosin used for exact and complete removal of a prochymosin derived fusion tag releasing intact native target protein. <i>Protein Science</i> , 2009 , 18, 1023-32	6.3	6
80	Functional recombinant MHC class II molecules and high-throughput peptide-binding assays. <i>Immunome Research</i> , 2009 , 5, 2		48
79	Antigen processing influences HIV-specific cytotoxic T lymphocyte immunodominance. <i>Nature Immunology</i> , 2009 , 10, 636-46	19.1	153
78	Immune hierarchy among HIV-1 CD8+ T cell epitopes delivered by dendritic cells depends on MHC-I binding irrespective of mode of loading and immunization in HLA-A*0201 mice. <i>Apmis</i> , 2009 , 117, 849-55 ^{3,4}		5

77	In silico-accelerated identification of conserved and immunogenic variola/vaccinia T-cell epitopes. <i>Vaccine</i> , 2009 , 27, 6471-9	4.1	48
76	A strategy for bacterial production of a soluble functional human neonatal Fc receptor. <i>Journal of Immunological Methods</i> , 2008 , 331, 39-49	2.5	26
75	Immune epitope database analysis resource (IEDB-AR). <i>Nucleic Acids Research</i> , 2008 , 36, W513-8	20.1	240
74	Identification of differentially expressed proteins in spontaneous thymic lymphomas from knockout mice with deletion of p53. <i>Proteome Science</i> , 2008 , 6, 18	2.6	12
73	Identification of immunogenic HLA-B7 "AchillesPheel" epitopes within highly conserved regions of HIV. <i>Vaccine</i> , 2008 , 26, 3059-71	4.1	37
72	HLA-A*0201-restricted CD8+ cytotoxic T lymphocyte epitopes identified from herpes simplex virus glycoprotein D. <i>Journal of Immunology</i> , 2008 , 180, 426-37	5.3	75
71	Quantitative predictions of peptide binding to any HLA-DR molecule of known sequence: NetMHCIIpan. <i>PLoS Computational Biology</i> , 2008 , 4, e1000107	5	207
70	NetMHC-3.0: accurate web accessible predictions of human, mouse and monkey MHC class I affinities for peptides of length 8-11. <i>Nucleic Acids Research</i> , 2008 , 36, W509-12	20.1	545
69	One-pot, mix-and-read peptide-MHC tetramers. <i>PLoS ONE</i> , 2008 , 3, e1678	3.7	84
68	The peptide-binding specificity of HLA-A*3001 demonstrates membership of the HLA-A3 supertype. <i>Immunogenetics</i> , 2008 , 60, 633-43	3.2	17
67	Structure of a SARS coronavirus-derived peptide bound to the human major histocompatibility complex class I molecule HLA-B*1501. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008 , 64, 459-62		8
66	Ligand binding and antigenic properties of a human neonatal Fc receptor with mutation of two unpaired cysteine residues. <i>FEBS Journal</i> , 2008 , 275, 4097-110	5.7	28
65	Genetic Variation in AKAP13 Is Associated with Increased Risk of Relapse after Allogeneic Hematopoietic Cell Transplantation Following Non-Myeloablative Conditioning.. <i>Blood</i> , 2008 , 112, 3257-3257	2.2	22
64	Large-scale validation of methods for cytotoxic T-lymphocyte epitope prediction. <i>BMC Bioinformatics</i> , 2007 , 8, 424	3.6	459
63	Identification of a new hTERT-derived HLA-A*0201 restricted, naturally processed CTL epitope. <i>Cancer Immunology, Immunotherapy</i> , 2007 , 56, 1755-63	7.4	19
62	CTL epitopes for influenza A including the H5N1 bird flu; genome-, pathogen-, and HLA-wide screening. <i>Vaccine</i> , 2007 , 25, 2823-31	4.1	83
61	Diversity of Francisella tularensis Schu4 antigens recognized by T lymphocytes after natural infections in humans: identification of candidate epitopes for inclusion in a rationally designed tularemia vaccine. <i>Vaccine</i> , 2007 , 25, 3179-91	4.1	56
60	Identification of an HLA-A*0201 restricted Bcl2-derived epitope expressed on tumors. <i>Cancer Letters</i> , 2007 , 251, 86-95	9.9	3

59	NetMHCpan, a method for quantitative predictions of peptide binding to any HLA-A and -B locus protein of known sequence. <i>PLoS ONE</i> , 2007 , 2, e796	3.7	444
58	A community resource benchmarking predictions of peptide binding to MHC-I molecules. <i>PLoS Computational Biology</i> , 2006 , 2, e65	5	224
57	The effect of a therapeutic dendritic cell-based cancer vaccination depends on the blockage of CTLA-4 signaling. <i>Cancer Letters</i> , 2006 , 231, 247-56	9.9	49
56	Identification of MHC class I H-2 Kb/Db-restricted immunogenic peptides derived from retinal proteins. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 3939-45		10
55	Crystal structures of two peptide-HLA-B*1501 complexes; structural characterization of the HLA-B62 supertype. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006 , 62, 1300-10		21
54	Structure of HLA-A*1101 in complex with a hepatitis B peptide homologue. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006 , 62, 1179-84		5
53	Conflicting selective forces affect T cell receptor contacts in an immunodominant human immunodeficiency virus epitope. <i>Nature Immunology</i> , 2006 , 7, 179-89	19.1	83
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- 4 HLA-class II specificity assessed by high-density peptide microarray interactions 1
- 3 A systematic, unbiased mapping of CD8+ and CD4+ T cell epitopes in Yellow Fever vaccinees 1
- 2 Footprints of antigen processing boost MHC class II natural ligand binding predictions 1
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