

Sören Buus

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

15,620
citations

24978

57
h-index

20307

116
g-index

209
all docs

209
docs citations

209
times ranked

15785
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal Information about MHC Multimers (MIAMM). <i>Journal of Immunology</i> , 2022, 208, 531-537.	0.4	0
2	Defective Proinsulin Handling Modulates the MHC I Bound Peptidome and Activates the Inflammasome in Î²-Cells. <i>Biomedicines</i> , 2022, 10, 814.	1.4	3
3	Capsid-like particles decorated with the SARS-CoV-2 receptor-binding domain elicit strong virus neutralization activity. <i>Nature Communications</i> , 2021, 12, 324.	5.8	79
4	Integral Use of Immunopeptidomics and Immunoinformatics for the Characterization of Antigen Presentation and Rational Identification of BoLA-DRâ€ Presented Peptides and Epitopes. <i>Journal of Immunology</i> , 2021, 206, 2489-2497.	0.4	15
5	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.	2.2	7
6	CD8+ T cells variably recognize native versus citrullinated GRP78 epitopes in type 1 diabetes. <i>Diabetes</i> , 2021, 70, db210259.	0.3	11
7	Efficient Control of Zika Virus Infection Induced by a Non-Replicating Adenovector Encoding Zika Virus NS1/NS2 Antigens Fused to the MHC Class II-Associated Invariant Chain. <i>Viruses</i> , 2021, 13, 2215.	1.5	0
8	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.	2.2	5
9	A Systematic, Unbiased Mapping of CD8+ and CD4+ T Cell Epitopes in Yellow Fever Vaccinees. <i>Frontiers in Immunology</i> , 2020, 11, 1836.	2.2	13
10	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.	2.2	10
11	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.	0.3	34
12	Measles-mumps-rubella vaccine at 6â€ 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.	0.7	7
13	Immunoinformatics: Predicting Peptideâ€ MHC Binding. <i>Annual Review of Biomedical Data Science</i> , 2020, 3, 191-215.	2.8	51
14	HLA Class II Specificity Assessed by High-Density Peptide Microarray Interactions. <i>Journal of Immunology</i> , 2020, 205, 290-299.	0.4	13
15	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, .	1.5	49
16	NAlign_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.	2.5	87
17	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.	1.8	74
18	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, .	5.6	171

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19	Improved methods for predicting peptide binding affinity to MHC class II molecules. <i>Immunology</i> , 2018, 154, 394-406.	2.0	629
20	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, .	1.5	14
21	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.	0.8	13
22	Footprints of antigen processing boost MHC class II natural ligand predictions. <i>Genome Medicine</i> , 2018, 10, 84.	3.6	86
23	Major TCR Repertoire Perturbation by Immunodominant HLA-B*44:03-Restricted CMV-Specific T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2539.	2.2	25
24	Conventional and Neo-antigenic Peptides Presented by Î² 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.	7.2	177
25	A New In Vivo 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.	2.2	38
26	Post hoc assessment of the immunogenicity of bioengineered factor VIIa demonstrates the use of preclinical tools. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	57
27	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, .	1.5	24
28	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.	1.6	35
29	Prediction and in vitro verification of potential CTL epitopes conserved among PRRSV-2 strains. <i>Immunogenetics</i> , 2017, 69, 689-702.	1.2	10
30	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, .	1.5	14
31	Low antigen dose formulated in CAF09 adjuvant Favours a cytotoxic T-cell response following intraperitoneal immunization in GÅttingen minipigs. <i>Vaccine</i> , 2017, 35, 5629-5636.	1.7	19
32	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.	1.6	41
33	Structural Elements Recognized by Abacavir-Induced T Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1464.	1.8	21
34	Saporin-conjugated tetramers identify efficacious anti-HIV CD8+ T-cell specificities. <i>PLoS ONE</i> , 2017, 12, e0184496.	1.1	2
35	HIV-1 adaptation to NK cell-mediated immune pressure. <i>PLoS Pathogens</i> , 2017, 13, e1006361.	2.1	11
36	ArrayPitope: Automated Analysis of Amino Acid Substitutions for Peptide Microarray-Based Antibody Epitope Mapping. <i>PLoS ONE</i> , 2017, 12, e0168453.	1.1	11

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37	Immunodominant cytomegalovirus-specific CD8+ T-cell responses in sub-Saharan African populations. PLoS ONE, 2017, 12, e0189612.	1.1	24
38	Vaccination with Replication Deficient Adenovectors Encoding YF-17D Antigens Induces Long-Lasting Protection from Severe Yellow Fever Virus Infection in Mice. PLoS Neglected Tropical Diseases, 2016, 10, e0004464.	1.3	20
39	Pan-Specific Prediction of Peptide-MHC Class I Complex Stability, a Correlate of T Cell Immunogenicity. Journal of Immunology, 2016, 197, 1517-1524.	0.4	198
40	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. Veterinary Immunology and Immunopathology, 2016, 181, 59-67.	0.5	8
41	Extensive CD4 and CD8 T Cell Cross-Reactivity between Alpha herpesviruses. Journal of Immunology, 2016, 196, 2205-2218.	0.4	55
42	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. Immunogenetics, 2016, 68, 157-165.	1.2	14
43	Immunogenicity of HLA Class I and II Double Restricted Influenza A-Derived Peptides. PLoS ONE, 2016, 11, e0145629.	1.1	11
44	Disease progression despite protective HLA expression in an HIV-infected transmission pair. Retrovirology, 2015, 12, 55.	0.9	11
45	Establishing the pig as a large animal model for vaccine development against human cancer. Frontiers in Genetics, 2015, 6, 286.	1.1	24
46	Abacavir-Reactive Memory T Cells Are Present in Drug Naïve Individuals. PLoS ONE, 2015, 10, e0117160.	1.1	73
47	Acyclovir Has Low but Detectable Influence on HLA-B*57:01 Specificity without Inducing Hypersensitivity. PLoS ONE, 2015, 10, e0124878.	1.1	11
48	Materno-Fetal Transfer of Preproinsulin Through the Neonatal Fc Receptor Prevents Autoimmune Diabetes. Diabetes, 2015, 64, 3532-3542.	0.3	24
49	CD8+ T Cells Complement Antibodies in Protecting against Yellow Fever Virus. Journal of Immunology, 2015, 194, 1141-1153.	0.4	70
50	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. Immunogenetics, 2015, 67, 73-84.	1.2	94
51	A molecular switch in immunodominant HIV-1-specific CD8 T-cell epitopes shapes differential HLA-restricted escape. Retrovirology, 2015, 12, 20.	0.9	35
52	CD8+ TCR Bias and Immunodominance in HIV-1 Infection. Journal of Immunology, 2015, 194, 5329-5345.	0.4	48
53	A modern approach for epitope prediction: identification of foot-and-mouth disease virus peptides binding bovine leukocyte antigen (BoLA) class I molecules. Immunogenetics, 2015, 67, 691-703.	1.2	16
54	Accurate pan-specific prediction of peptide-MHC class II binding affinity with improved binding core identification. Immunogenetics, 2015, 67, 641-650.	1.2	291

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55	Magnitude and Kinetics of CD8+ T Cell Activation during Hyperacute HIV Infection Impact Viral Set Point. <i>Immunity</i> , 2015, 43, 591-604.	6.6	234
56	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, 952-962.	2.9	16
57	T Cell-mediated Hypersensitivity Reactions to Drugs. <i>Annual Review of Medicine</i> , 2015, 66, 439-454.	5.0	109
58	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, 215-228.	0.4	2
59	Expression levels of MHC class I molecules are inversely correlated with promiscuity of peptide binding. <i>ELife</i> , 2015, 4, e05345.	2.8	107
60	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.	1.1	22
61	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, 4790-4802.	0.4	85
62	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, 2007-2021.	1.0	17
63	<sc>Net</sc> <sc>MHC</sc> <sc>stab</sc> â€“ predicting stability of peptideâ€“ <sc>MHC</sc>â€“ complexes; impacts for cytotoxic <sc>T</sc> lymphocyte epitope discovery. <i>Immunology</i> , 2014, 141, 18-26.	2.0	105
64	HIV Subtype Influences HLA-B*07:02-Associated HIV Disease Outcome. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, 468-475.	0.5	19
65	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.	1.2	34
66	Characterization of binding specificities of bovine leucocyte class I molecules: impacts for rational epitope discovery. <i>Immunogenetics</i> , 2014, 66, 705-718.	1.2	21
67	Dataset size and composition impact the reliability of performance benchmarks for peptide-MHC binding predictions. <i>BMC Bioinformatics</i> , 2014, 15, 241.	1.2	71
68	HLA class Iâ€“drugâ€“Tâ€“cell receptor interactions in SJS/TEN. <i>Clinical and Translational Allergy</i> , 2014, 4, P2.	1.4	0
69	Use of â€œone-pot, mix-and-readâ€“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.	1.1	30
70	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, 711-724.	1.2	254
71	MHCcluster, a method for functional clustering of MHC molecules. <i>Immunogenetics</i> , 2013, 65, 655-665.	1.2	116
72	Chaperone-assisted thermostability engineering of a soluble T cell receptor using phage display. <i>Scientific Reports</i> , 2013, 3, 1162.	1.6	23

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73	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.	0.8	18
74	Peptide pool immunization and CD8+ T cell reactivity. <i>Immunology Letters</i> , 2013, 151, 48-53.	1.1	0
75	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, 487-496.	1.1	5
76	Comparison of Vaccine-Induced Effector CD8 T Cell Responses Directed against Self- and Nonâ€“Self-Tumor Antigens: Implications for Cancer Immunotherapy. <i>Journal of Immunology</i> , 2013, 191, 3955-3967.	0.4	57
77	HLA-A*68. <i>Aids</i> , 2013, 27, 1717-1723.	1.0	7
78	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, 583-593.	0.4	37
79	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, 3939-3947.	0.4	14
80	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, 10889-10894.	1.5	8
81	Identification and Mapping of Linear Antibody Epitopes in Human Serum Albumin Using High-Density Peptide Arrays. <i>PLoS ONE</i> , 2013, 8, e68902.	1.1	45
82	Nef-Specific CD8+ T Cell Responses Contribute to HIV-1 Immune Control. <i>PLoS ONE</i> , 2013, 8, e73117.	1.1	36
83	Discovering naturally processed antigenic determinants that confer protective T cell immunity. <i>Journal of Clinical Investigation</i> , 2013, 123, 1976-1987.	3.9	58
84	MHC Class II Tetramers Made from Isolated Recombinant Î± and Î² Chains Refolded with Affinity-Tagged Peptides. <i>PLoS ONE</i> , 2013, 8, e73648.	1.1	13
85	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, 9959-9964.	3.3	354
86	HLA-B*57 Micropolymorphism Shapes HLA Allele-Specific Epitope Immunogenicity, Selection Pressure, and HIV Immune Control. <i>Journal of Virology</i> , 2012, 86, 919-929.	1.5	66
87	High-resolution Mapping of Linear Antibody Epitopes Using Ultrahigh-density Peptide Microarrays. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1790-1800.	2.5	166
88	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.	1.4	13
89	HLA-B7â€“Restricted Islet Epitopes Are Differentially Recognized in Type 1 Diabetic Children and Adults and Form Weak Peptide-HLA Complexes. <i>Diabetes</i> , 2012, 61, 2546-2555.	0.3	19
90	HIV Control through a Single Nucleotide on the HLA-B Locus. <i>Journal of Virology</i> , 2012, 86, 11493-11500.	1.5	41

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91	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, 12643-12654.	1.5	49
92	Designing bovine T cell vaccines via reverse immunology. <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 188-192.	1.1	32
93	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, 7547-7560.	1.7	13
94	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, 1434-1443.	0.5	10
95	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.	1.1	18
96	Peptide-MHC class I stability is a better predictor than peptide affinity of CTL immunogenicity. <i>European Journal of Immunology</i> , 2012, 42, 1405-1416.	1.6	187
97	Cancer Associated Aberrant Protein O-Glycosylation Can Modify Antigen Processing and Immune Response. <i>PLoS ONE</i> , 2012, 7, e50139.	1.1	54
98	Genome-Based In Silico Identification of New <i>Mycobacterium tuberculosis</i> Antigens Activating Polyfunctional CD8 ⁺ T Cells in Human Tuberculosis. <i>Journal of Immunology</i> , 2011, 186, 1068-1080.	0.4	50
99	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.	1.1	60
100	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.	1.1	30
101	T Cells Recognizing a Peptide Contaminant Undetectable by Mass Spectrometry. <i>PLoS ONE</i> , 2011, 6, e28866.	1.1	5
102	Wildtype p53-specific Antibody and T-Cell Responses in Cancer Patients. <i>Journal of Immunotherapy</i> , 2011, 34, 629-640.	1.2	10
103	Identification of MHC class II restricted T-cell-mediated reactivity against MHC class I binding <i>Mycobacterium tuberculosis</i> peptides. <i>Immunology</i> , 2011, 132, 482-491.	2.0	28
104	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.	0.6	66
105	HLArestrictor—a tool for patient-specific predictions of HLA restriction elements and optimal epitopes within peptides. <i>Immunogenetics</i> , 2011, 63, 43-55.	1.2	63
106	Porcine major histocompatibility complex (MHC) class I molecules and analysis of their peptide-binding specificities. <i>Immunogenetics</i> , 2011, 63, 821-834.	1.2	37
107	Tapasin Discriminates Peptide-Human Leukocyte Antigen-A*02:01 Complexes Formed with Natural Ligands. <i>Journal of Biological Chemistry</i> , 2011, 286, 20547-20557.	1.6	13
108	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, 5675-5686.	0.4	49

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109	Induction of Foot-and-Mouth Disease Virus-Specific Cytotoxic T Cell Killing by Vaccination. Vaccine Journal, 2011, 18, 280-288.	3.2	50
110	MHC Class II epitope predictive algorithms. Immunology, 2010, 130, 319-328.	2.0	198
111	Major histocompatibility complex class I binding predictions as a tool in epitope discovery. Immunology, 2010, 130, 309-318.	2.0	109
112	Identification of CD8+ T Cell Epitopes in the West Nile Virus Polyprotein by Reverse-Immunology Using NetCTL. PLoS ONE, 2010, 5, e12697.	1.1	41
113	Structural Properties of MHC Class II Ligands, Implications for the Prediction of MHC Class II Epitopes. PLoS ONE, 2010, 5, e15877.	1.1	19
114	Efficacious Early Antiviral Activity of HIV Gag- and Pol-Specific HLA-B*2705-Restricted CD8 + T Cells. Journal of Virology, 2010, 84, 10543-10557.	1.5	84
115	NetMHCIIpan-2.0 - Improved pan-specific HLA-DR predictions using a novel concurrent alignment and weight optimization training procedure. Immunome Research, 2010, 6, 9.	0.1	132
116	Degree of Predicted Minor Histocompatibility Antigen Mismatch Correlates with Poorer Clinical Outcomes in Nonmyeloablative Allogeneic Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2010, 16, 1370-1381.	2.0	11
117	HLA Class I Binding 9mer Peptides from Influenza A Virus Induce CD4+ T Cell Responses. PLoS ONE, 2010, 5, e10533.	1.1	24
118	Peptide Binding to HLA Class I Molecules: Homogenous, High-Throughput Screening, and Affinity Assays. Journal of Biomolecular Screening, 2009, 14, 173-180.	2.6	76
119	Elimination of Immunodominant Epitopes from Multispecific DNA-Based Vaccines Allows Induction of CD8 T Cells That Have a Striking Antiviral Potential. Journal of Immunology, 2009, 183, 370-380.	0.4	32
120	Peptide specific expansion of CD8+ T cells by recombinant plate bound MHC/peptide complexes. Journal of Immunological Methods, 2009, 340, 25-32.	0.6	3
121	The outermost N-terminal region of tapasin facilitates folding of major histocompatibility complex class I. European Journal of Immunology, 2009, 39, 2682-2694.	1.6	13
122	NetMHCpan, a method for MHC class I binding prediction beyond humans. Immunogenetics, 2009, 61, 1-13.	1.2	725
123	Recombinant chymosin used for exact and complete removal of a prochymosin derived fusion tag releasing intact native target protein. Protein Science, 2009, 18, 1023-1032.	3.1	6
124	Functional recombinant MHC class II molecules and high-throughput peptide-binding assays. Immunome Research, 2009, 5, 2.	0.1	62
125	Antigen processing influences HIV-specific cytotoxic T lymphocyte immunodominance. Nature Immunology, 2009, 10, 636-646.	7.0	170
126	Immune hierarchy among HIV-1 CD8⁺ T cell epitopes delivered by dendritic cells depends on MHC class I binding irrespective of mode of loading and immunization in HLA-A*0201 mice. Apmis, 2009, 117, 849-855.	0.9	6

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127	In silico-accelerated identification of conserved and immunogenic variola/vaccinia T-cell epitopes. <i>Vaccine</i> , 2009, 27, 6471-6479.	1.7	58
128	Oxidative stress can alter the antigenicity of immunodominant peptides. <i>Journal of Leukocyte Biology</i> , 2009, 87, 165-172.	1.5	33
129	The peptide-binding specificity of HLA-A*3001 demonstrates membership of the HLA-A3 supertype. <i>Immunogenetics</i> , 2008, 60, 633-643.	1.2	21
130	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, 459-462.	0.7	15
131	Ligand binding and antigenic properties of a human neonatal Fc receptor with mutation of two unpaired cysteine residues. <i>FEBS Journal</i> , 2008, 275, 4097-4110.	2.2	30
132	A strategy for bacterial production of a soluble functional human neonatal Fc receptor. <i>Journal of Immunological Methods</i> , 2008, 331, 39-49.	0.6	28
133	Immune epitope database analysis resource (IEDB-AR). <i>Nucleic Acids Research</i> , 2008, 36, W513-W518.	6.5	304
134	Identification of differentially expressed proteins in spontaneous thymic lymphomas from knockout mice with deletion of p53. <i>Proteome Science</i> , 2008, 6, 18.	0.7	13
135	Identification of immunogenic HLA-B7 α Achilles TM heel α -epitopes within highly conserved regions of HIV. <i>Vaccine</i> , 2008, 26, 3059-3071.	1.7	42
136	HLA-A*0201-Restricted CD8+ Cytotoxic T Lymphocyte Epitopes Identified from Herpes Simplex Virus Glycoprotein D. <i>Journal of Immunology</i> , 2008, 180, 426-437.	0.4	84
137	Quantitative Predictions of Peptide Binding to Any HLA-DR Molecule of Known Sequence: NetMHCIIpan. <i>PLoS Computational Biology</i> , 2008, 4, e1000107.	1.5	254
138	NetMHC-3.0: accurate web accessible predictions of human, mouse and monkey MHC class I affinities for peptides of length 8 α 11. <i>Nucleic Acids Research</i> , 2008, 36, W509-W512.	6.5	722
139	One-Pot, Mix-and-Read Peptide-MHC Tetramers. <i>PLoS ONE</i> , 2008, 3, e1678.	1.1	103
140	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.	0.6	0
141	CTL epitopes for influenza A including the H5N1 bird flu; genome-, pathogen-, and HLA-wide screening. <i>Vaccine</i> , 2007, 25, 2823-2831.	1.7	94
142	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, 3179-3191.	1.7	65
143	Identification of an HLA-A*0201 restricted Bcl2-derived epitope expressed on tumors. <i>Cancer Letters</i> , 2007, 251, 86-95.	3.2	4
144	Large-scale validation of methods for cytotoxic T-lymphocyte epitope prediction. <i>BMC Bioinformatics</i> , 2007, 8, 424.	1.2	687

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