

# Jan W Drijfhout

## List of Publications by Year in descending order

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286  
papers

22,511  
citations

7551

77  
h-index

10708

138  
g-index

289  
all docs

289  
docs citations

289  
times ranked

21437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vaccination against HPV-16 Oncoproteins for Vulvar Intraepithelial Neoplasia. <i>New England Journal of Medicine</i> , 2009, 361, 1838-1847.	13.9	970
2	Vaccination with cytotoxic T lymphocyte epitope-containing peptide protects against a tumor induced by human papillomavirus type 16-transformed cells. <i>European Journal of Immunology</i> , 1993, 23, 2242-2249.	1.6	739
3	Simultaneous Humoral and Cellular Immune Response against Cancerâ€™Testis Antigen NY-ESO-1: Definition of Human Histocompatibility Leukocyte Antigen (HLA)-A2â€™binding Peptide Epitopes. <i>Journal of Experimental Medicine</i> , 1998, 187, 265-270.	4.2	668
4	Identification of a graft versus host disease-associated human minor histocompatibility antigen. <i>Science</i> , 1995, 268, 1476-1480.	6.0	414
5	Cross-presentation by intercellular peptide transfer through gap junctions. <i>Nature</i> , 2005, 434, 83-88.	13.7	401
6	Hematopoiesis-restricted minor histocompatibility antigens HA-1- or HA-2-specific T cells can induce complete remissions of relapsed leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2742-2747.	3.3	400
7	The Antimicrobial Peptide LL-37 Activates Innate Immunity at the Airway Epithelial Surface by Transactivation of the Epidermal Growth Factor Receptor. <i>Journal of Immunology</i> , 2003, 171, 6690-6696.	0.4	389
8	The gluten response in children with celiac disease is directed toward multiple gliadin and glutenin peptides. <i>Gastroenterology</i> , 2002, 122, 1729-1737.	0.6	383
9	High Number of Intraepithelial CD8+ Tumor-Infiltrating Lymphocytes Is Associated with the Absence of Lymph Node Metastases in Patients with Large Early-Stage Cervical Cancer. <i>Cancer Research</i> , 2007, 67, 354-361.	0.4	369
10	The antimicrobial peptide SAAP-148 combats drug-resistant bacteria and biofilms. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	358
11	Induction of Tumor-Specific CD4+ and CD8+ T-Cell Immunity in Cervical Cancer Patients by a Human Papillomavirus Type 16 E6 and E7 Long Peptides Vaccine. <i>Clinical Cancer Research</i> , 2008, 14, 178-187.	3.2	346
12	Specificity of Tissue Transglutaminase Explains Cereal Toxicity in Celiac Disease. <i>Journal of Experimental Medicine</i> , 2002, 195, 643-649.	4.2	338
13	CTLs are targeted to kill Î² cells in patients with type 1 diabetes through recognition of a glucose-regulated preproinsulin epitope. <i>Journal of Clinical Investigation</i> , 2008, 118, 3390-402.	3.9	315
14	Mannose receptor-mediated uptake of antigens strongly enhances HLA class II-restricted antigen presentation by cultured dendritic cells. <i>European Journal of Immunology</i> , 1997, 27, 2426-2435.	1.6	298
15	Phase I Immunotherapeutic Trial with Long Peptides Spanning the E6 and E7 Sequences of High-Risk Human Papillomavirus 16 in End-Stage Cervical Cancer Patients Shows Low Toxicity and Robust Immunogenicity. <i>Clinical Cancer Research</i> , 2008, 14, 169-177.	3.2	286
16	Human Papillomavirus Type 16-Positive Cervical Cancer Is Associated with Impaired CD4+ T-Cell Immunity against Early Antigens E2 and E6. <i>Cancer Research</i> , 2004, 64, 5449-5455.	0.4	277
17	The HLA-A*0201-Restricted H-Y Antigen Contains a Posttranslationally Modified Cysteine That Significantly Affects T Cell Recognition. <i>Immunity</i> , 1997, 6, 273-281.	6.6	275
18	Epitope spreading of the anti-citrullinated protein antibody response occurs before disease onset and is associated with the disease course of early arthritis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1554-1561.	0.5	268

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19	Peptide Diffusion, Protection, and Degradation in Nuclear and Cytoplasmic Compartments before Antigen Presentation by MHC Class I. <i>Immunity</i> , 2003, 18, 97-108.	6.6	267
20	Antigen microarray profiling of autoantibodies in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2005, 52, 2645-2655.	6.7	256
21	Autoreactive CD8 T cells associated with $\beta$ cell destruction in type 1 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18425-18430.	3.3	252
22	In vitro induction of human cytotoxic T lymphocyte responses against peptides of mutant and wild-type p53. <i>European Journal of Immunology</i> , 1993, 23, 2072-2077.	1.6	246
23	Efficient Identification of Novel Hla-A*0201-presented Cytotoxic T Lymphocyte Epitopes in the Widely Expressed Tumor Antigen Prame by Proteasome-Mediated Digestion Analysis. <i>Journal of Experimental Medicine</i> , 2001, 193, 73-88.	4.2	236
24	Small intestinal T cells of celiac disease patients recognize a natural pepsin fragment of gliadin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 10050-10054.	3.3	231
25	Natural Variation in Toxicity of Wheat: Potential for Selection of Nontoxic Varieties for Celiac Disease Patients. <i>Gastroenterology</i> , 2005, 129, 797-806.	0.6	230
26	A Major Role for TPPII in Trimming Proteasomal Degradation Products for MHC Class I Antigen Presentation. <i>Immunity</i> , 2004, 20, 495-506.	6.6	227
27	Purification of His-Tagged Proteins by Immobilized Chelate Affinity Chromatography: The Benefits from the Use of Organic Solvent. <i>Protein Expression and Purification</i> , 2000, 18, 95-99.	0.6	217
28	Success or failure of vaccination for HPV16-positive vulvar lesions correlates with kinetics and phenotype of induced T-cell responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11895-11899.	3.3	215
29	Characterization of cereal toxicity for celiac disease patients based on protein homology in grains 1 The authors thank Drs. R. R. P. de Vries and R. Offringa for critical reading of the manuscript, A. de Ru for mass spectrometric analysis, and W. Benckhuijsen for peptide synthesis.. <i>Gastroenterology</i> , 2003, 125, 1105-1113.	0.6	213
30	Efficient degradation of gluten by a prolyl endoprotease in a gastrointestinal model: implications for coeliac disease. <i>Gut</i> , 2007, 57, 25-32.	6.1	210
31	Human Cathelicidin LL-37 Is a Chemoattractant for Eosinophils and Neutrophils That Acts via Formyl-Peptide Receptors. <i>International Archives of Allergy and Immunology</i> , 2006, 140, 103-112.	0.9	201
32	Identification and systematic annotation of tissue-specific differentially methylated regions using the Illumina 450k array. <i>Epigenetics and Chromatin</i> , 2013, 6, 26.	1.8	192
33	Simultaneous Detection of Circulating Autoreactive CD8+ T-Cells Specific for Different Islet Cell-associated Epitopes Using Combinatorial MHC Multimers. <i>Diabetes</i> , 2010, 59, 1721-1730.	0.3	187
34	Identification of peptide sequences that potentially trigger HLA-A2.1-restricted cytotoxic T lymphocytes. <i>European Journal of Immunology</i> , 1993, 23, 1215-1219.	1.6	185
35	Glutenin is involved in the gluten-driven mucosal T cell response. <i>European Journal of Immunology</i> , 1999, 29, 3133-3139.	1.6	184
36	Isotype distribution of ANTI-cyclic citrullinated peptide antibodies in undifferentiated arthritis and rheumatoid arthritis reflects an ongoing immune response. <i>Arthritis and Rheumatism</i> , 2006, 54, 3799-3808.	6.7	184

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37	T-cell receptor recognition of HLA-DQ2-gliadin complexes associated with celiac disease. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 480-488.	3.6	177
38	Cytomegalovirus in autoimmunity: T cell crossreactivity to viral antigen and autoantigen glutamic acid decarboxylase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 3988-3991.	3.3	174
39	Distinct Uptake Mechanisms but Similar Intracellular Processing of Two Different Toll-like Receptor Ligand-Peptide Conjugates in Dendritic Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 21145-21159.	1.6	157
40	Dendritic cells process synthetic long peptides better than whole protein, improving antigen presentation and T-cell activation. <i>European Journal of Immunology</i> , 2013, 43, 2554-2565.	1.6	157
41	The DBY gene codes for an HLA-DQ5-restricted human male-specific minor histocompatibility antigen involved in graft-versus-host disease. <i>Blood</i> , 2002, 99, 3027-3032.	0.6	156
42	Development of novel LL-37 derived antimicrobial peptides with LPS and LTA neutralizing and antimicrobial activities for therapeutic application. <i>Peptides</i> , 2006, 27, 649-660.	1.2	155
43	LL-37 Directs Macrophage Differentiation toward Macrophages with a Proinflammatory Signature. <i>Journal of Immunology</i> , 2010, 185, 1442-1449.	0.4	153
44	Identification of Major Epitopes of <i>Mycobacterium tuberculosis</i> AG85B That Are Recognized by HLA-A*0201-Restricted CD8+ T Cells in HLA-Transgenic Mice and Humans. <i>Journal of Immunology</i> , 2000, 165, 6463-6471.	0.4	152
45	Structural basis for the killing of human beta cells by CD8+ T cells in type 1 diabetes. <i>Nature Immunology</i> , 2012, 13, 283-289.	7.0	151
46	Posttranslational Modification of HLA-DQ Binding Islet Autoantigens in Type 1 Diabetes. <i>Diabetes</i> , 2014, 63, 237-247.	0.3	150
47	Induction of p53-Specific Immunity by a p53 Synthetic Long Peptide Vaccine in Patients Treated for Metastatic Colorectal Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 1086-1095.	3.2	149
48	Antimicrobial Peptides in Biomedical Device Manufacturing. <i>Frontiers in Chemistry</i> , 2017, 5, 63.	1.8	148
49	Selective cytotoxic T-lymphocyte targeting of tumor immune escape variants. <i>Nature Medicine</i> , 2006, 12, 417-424.	15.2	142
50	<i>Mycobacterium tuberculosis</i> Peptides Presented by HLA-E Molecules Are Targets for Human CD8+ T-Cells with Cytotoxic as well as Regulatory Activity. <i>PLoS Pathogens</i> , 2010, 6, e1000782.	2.1	141
51	Methylation of Arginine Residues Interferes with Citrullination by Peptidylarginine Deiminases in vitro. <i>Journal of Molecular Biology</i> , 2007, 367, 1118-1129.	2.0	138
52	Skin-Depigmenting Agent Monobenzone Induces Potent T-Cell Autoimmunity toward Pigmented Cells by Tyrosinase Haptenation and Melanosome Autophagy. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1240-1251.	0.3	127
53	Immunization with a P53 synthetic long peptide vaccine induces P53-specific immune responses in ovarian cancer patients, a phase II trial. <i>International Journal of Cancer</i> , 2009, 125, 2104-2113.	2.3	123
54	Fine specificity of the anti-citrullinated protein antibody response is influenced by the shared epitope alleles. <i>Arthritis and Rheumatism</i> , 2007, 56, 3949-3952.	6.7	114

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55	The Human Leukocyte Antigen- presented Ligandome of B Lymphocytes. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1829-1843.	2.5	113
56	LL-37-Derived Peptides Eradicate Multidrug-Resistant <i>Staphylococcus aureus</i> from Thermally Wounded Human Skin Equivalents. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4411-4419.	1.4	113
57	Proteomic analysis of secreted proteins in early rheumatoid arthritis: anti-citrulline autoreactivity is associated with up regulation of proinflammatory cytokines. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 712-719.	0.5	109
58	Identification of citrullinated vimentin peptides as T cell epitopes in HLA-DR4-positive patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 117-125.	6.7	103
59	The Ubiquitin-Proteasome System Plays an Important Role during Various Stages of the Coronavirus Infection Cycle. <i>Journal of Virology</i> , 2010, 84, 7869-7879.	1.5	101
60	Double- and monofunctional CD4 <sup>+</sup> and CD8 <sup>+</sup> T cell responses to <i>Mycobacterium tuberculosis</i> DosR antigens and peptides in long-term latently infected individuals. <i>European Journal of Immunology</i> , 2011, 41, 2925-2936.	1.6	101
61	Carbamylation and antibodies against carbamylated proteins in autoimmunity and other pathologies. <i>Autoimmunity Reviews</i> , 2014, 13, 225-230.	2.5	99
62	The identification of CD4+ T cell epitopes with dedicated synthetic peptide libraries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10313-10318.	3.3	97
63	Urokinase-Receptor/Integrin Complexes Are Functionally Involved in Adhesion and Progression of Human Breast Cancer in Vivo. <i>American Journal of Pathology</i> , 2001, 159, 971-982.	1.9	97
64	Prevention of <i>Staphylococcus aureus</i> biomaterial-associated infections using a polymer-lipid coating containing the antimicrobial peptide OP-145. <i>Journal of Controlled Release</i> , 2016, 222, 1-8.	4.8	96
65	Human Leukocyte Antigen-A2.1 Restricted Candidate Cytotoxic T Lymphocyte Epitopes of Human Papillomavirus Type 16 E6 and E7 Proteins Identified by Using the Processing-Defective Human Cell Line T2. <i>Journal of Immunotherapy</i> , 1993, 14, 115-120.	1.2	95
66	Therapeutic vaccination with papillomavirus E6 and E7 long peptides results in the control of both established virus-induced lesions and latently infected sites in a pre-clinical cottontail rabbit papillomavirus model. <i>Vaccine</i> , 2005, 23, 5271-5280.	1.7	95
67	Antigen processing by nardilysin and thimet oligopeptidase generates cytotoxic T cell epitopes. <i>Nature Immunology</i> , 2011, 12, 45-53.	7.0	94
68	Naturally Processed Non-canonical HLA-A*02:01 Presented Peptides. <i>Journal of Biological Chemistry</i> , 2015, 290, 2593-2603.	1.6	89
69	A computer program for predicting possible cytotoxic T lymphocyte epitopes based on HLA class I peptide-binding motifs. <i>Human Immunology</i> , 1995, 43, 13-18.	1.2	88
70	Characterization of HLA-B57-restricted human immunodeficiency virus type 1 Gag- and RT-specific cytotoxic T lymphocyte responses.. <i>Journal of General Virology</i> , 1998, 79, 2191-2201.	1.3	88
71	Identification of three non-VNTR MUC1-derived HLA-A*0201-restricted T cell epitopes that induce protective anti-tumor immunity in HLA-A2/Kb-transgenic mice. <i>International Journal of Cancer</i> , 2001, 91, 385-392.	2.3	85
72	Convenient fluorometric assay for matrix metalloproteinase activity and its application in biological media. <i>FEBS Letters</i> , 1996, 390, 221-225.	1.3	84

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73	Unique peptide binding characteristics of the disease-associated DQ( $\hat{I}^*0501$ , $\hat{I}^*0201$ ) vs the non-disease-associated DQ( $\hat{I}^*0201$ , $\hat{I}^*0202$ ) molecule. <i>Immunogenetics</i> , 1997, 46, 484-492.	1.2	84
74	Specific Inhibition of the Classical Complement Pathway by C1q-Binding Peptides. <i>Journal of Immunology</i> , 2001, 167, 7052-7059.	0.4	84
75	Immunogenic stress and death of cancer cells: Contribution of antigenicity vs adjuvanticity to immunosurveillance. <i>Immunological Reviews</i> , 2017, 280, 165-174.	2.8	82
76	An HLA class I peptide-binding assay based on competition for binding to class I molecules on intact human B cells. <i>Human Immunology</i> , 1995, 44, 189-198.	1.2	81
77	Potential of a p53 $\hat{I}$ SLP vaccine by cyclophosphamide in ovarian cancer: A single-arm phase II study. <i>International Journal of Cancer</i> , 2012, 131, E670-80.	2.3	81
78	Automated Multiplex LC-MS/MS Assay for Quantifying Serum Apolipoproteins A-I, B, C-I, C-II, C-III, and E with Qualitative Apolipoprotein E Phenotyping. <i>Clinical Chemistry</i> , 2016, 62, 188-197.	1.5	81
79	Detection of Human Papillomavirus (HPV) 16-Specific CD4+ T-cell Immunity in Patients with Persistent HPV16-Induced Vulvar Intraepithelial Neoplasia in Relation to Clinical Impact of Imiquimod Treatment. <i>Clinical Cancer Research</i> , 2005, 11, 5273-5280.	3.2	80
80	Analogues of CTL epitopes with improved MHC class-I binding capacity elicit anti-melanoma CTL recognizing the wild-type epitope. , 1997, 70, 302-309.		76
81	Large-Scale Characterization of Natural Ligands Explains the Unique Gluten-Binding Properties of HLA-DQ2. <i>Journal of Immunology</i> , 2008, 180, 3268-3278.	0.4	75
82	Islet-Specific CTL Cloned from a Type 1 Diabetes Patient Cause Beta-Cell Destruction after Engraftment into HLA-A2 Transgenic NOD/SCID/IL2RG Null Mice. <i>PLoS ONE</i> , 2012, 7, e49213.	1.1	75
83	Antibodies and B cells recognising citrullinated proteins display a broad cross-reactivity towards other post-translational modifications. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 472-480.	0.5	74
84	Molecular mimicry in type 1 diabetes mellitus revisited: T-cell clones to GAD65 peptides with sequence homology to Coxsackie or proinsulin peptides do not crossreact with homologous counterpart. <i>Human Immunology</i> , 2001, 62, 299-309.	1.2	73
85	Recognition of citrullinated and carbamylated proteins by human antibodies: specificity, cross-reactivity and the $\hat{I}$ AMC-Senshu $\hat{I}$ ™ method. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 148-150.	0.5	73
86	Use of benzyloxycarbonyl (Z)-based fluorophilic tagging reagents in the purification of synthetic peptides. <i>Tetrahedron Letters</i> , 2002, 43, 7809-7812.	0.7	72
87	Identification of a Novel HLA-B60-Restricted T Cell Epitope of the Minor Histocompatibility Antigen HA-1 Locus. <i>Journal of Immunology</i> , 2002, 169, 3131-3136.	0.4	71
88	Long peptides induce polyfunctional T cells against conserved regions of HIV $\hat{I}$ with superior breadth to single-gene vaccines in macaques. <i>European Journal of Immunology</i> , 2010, 40, 1973-1984.	1.6	71
89	A Novel Secreted Metalloprotease (CD2830) from <i>Clostridium difficile</i> Cleaves Specific Proline Sequences in LPXTG Cell Surface Proteins. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1231-1244.	2.5	71
90	T-cell lines reactive to an immunodominant epitope of the tyrosine phosphatase-like autoantigen IA-2 in type 1 diabetes. <i>Diabetes</i> , 2000, 49, 356-366.	0.3	70

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91	Anti-citrullinated protein antibodies have a low avidity compared with antibodies against recall antigens. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 373-379.	0.5	69
92	A Universal Approach to Eliminate Antigenic Properties of Alpha-Gliadin Peptides in Celiac Disease. <i>PLoS ONE</i> , 2010, 5, e15637.	1.1	68
93	Identification of Human T-Cell Responses to Mycobacterium tuberculosis Resuscitation-Promoting Factors in Long-Term Latently Infected Individuals. <i>Vaccine Journal</i> , 2011, 18, 676-683.	3.2	67
94	Synergistic Activity of the Plant Defensin HsAFP1 and Caspofungin against <i>Candida albicans</i> Biofilms and Planktonic Cultures. <i>PLoS ONE</i> , 2015, 10, e0132701.	1.1	67
95	Discovery of low-affinity preproinsulin epitopes and detection of autoreactive CD8 T-cells using combinatorial MHC multimers. <i>Journal of Autoimmunity</i> , 2011, 37, 151-159.	3.0	66
96	Allo-HLA-reactive T cells inducing graft-versus-host disease are single peptide specific. <i>Blood</i> , 2011, 118, 6733-6742.	0.6	64
97	Type 1 Diabetes-associated HLA-DQ8 Transdimer Accommodates a Unique Peptide Repertoire. <i>Journal of Biological Chemistry</i> , 2012, 287, 9514-9524.	1.6	64
98	Accurate quantitation of MHC-bound peptides by application of isotopically labeled peptide MHC complexes. <i>Journal of Proteomics</i> , 2014, 109, 240-244.	1.2	63
99	HLA-DR binding analysis of peptides from islet antigens in IDDM. <i>Diabetes</i> , 1998, 47, 1594-1601.	0.3	62
100	Competition-based cellular peptide binding assays for 13 prevalent HLA class I alleles using fluorescein-labeled synthetic peptides. <i>Human Immunology</i> , 2003, 64, 245-255.	1.2	62
101	Phospholipid-driven differences determine the action of the synthetic antimicrobial peptide OP-145 on Gram-positive bacterial and mammalian membrane model systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2437-2447.	1.4	61
102	Detection of human papillomavirus type 18 E6 and E7-specific CD4+ T-helper 1 immunity in relation to health versus disease. <i>International Journal of Cancer</i> , 2006, 118, 950-956.	2.3	59
103	<i>Clostridium difficile</i> secreted Pro-pro endopeptidase PPEP1 (ZMP1/CD2830) modulates adhesion through cleavage of the collagen binding protein CD2831. <i>FEBS Letters</i> , 2015, 589, 3952-3958.	1.3	59
104	Bactericidal activity of amphipathic cationic antimicrobial peptides involves altering the membrane fluidity when interacting with the phospholipid bilayer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2404-2415.	1.4	59
105	A novel and sensitive method for the detection of T cell stimulatory epitopes of $\alpha$ - and $\beta$ -gliadin. <i>Gut</i> , 2004, 53, 1267-1273.	6.1	57
106	The Human Lactoferrin-Derived Peptide hLF1-11 Exerts Immunomodulatory Effects by Specific Inhibition of Myeloperoxidase Activity. <i>Journal of Immunology</i> , 2012, 188, 5012-5019.	0.4	57
107	Highly increased levels of active stromelysin in rheumatoid synovial fluid determined by a selective fluorogenic assay. <i>FEBS Letters</i> , 1997, 418, 305-309.	1.3	55
108	ACPA fine-specificity profiles in early rheumatoid arthritis patients do not correlate with clinical features at baseline or with disease progression. <i>Arthritis Research and Therapy</i> , 2013, 15, R140.	1.6	54

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109	Long lasting p53-specific T cell memory responses in the absence of anti-p53 antibodies in patients with resected primary colorectal cancer. <i>European Journal of Immunology</i> , 2001, 31, 146-155.	1.6	53
110	A novel, base-labile fluororous amine protecting group: synthesis and use as a tag in the purification of synthetic peptides. <i>Tetrahedron Letters</i> , 2003, 44, 9013-9016.	0.7	53
111	Reduced amyloid $\beta$ degradation in early <i>A</i> Alzheimer's disease but not in the <i>APP</i> <sup>swe</sup> <i>PS</i> <sup>1dE9</sup> and 3x <i>T</i> <sup>gA</sup> <i>AD</i> mouse models. <i>Aging Cell</i> , 2013, 12, 499-507.	3.0	53
112	Gluten-Specific T Cells Cross-React between HLA-DQ8 and the HLA-DQ2 $\pm$ /DQ8 $\beta$ 2 Transdimer. <i>Journal of Immunology</i> , 2011, 187, 5123-5129.	0.4	52
113	Unravelling the T cell-mediated autoimmune attack on CNS myelin in a new primate EAE model induced with MOG <sub>34-56</sub> peptide in incomplete adjuvant. <i>European Journal of Immunology</i> , 2012, 42, 217-227.	1.6	52
114	Get into the groove! Targeting antigens to MHC class II. <i>Immunological Reviews</i> , 1999, 172, 87-96.	2.8	51
115	Controlled Release of LL37-Derived Synthetic Antimicrobial and Anti-Biofilm Peptides SAAP145 and SAAP276 Prevents Experimental Biomaterial-Associated <i>Staphylococcus aureus</i> Infection. <i>Advanced Functional Materials</i> , 2017, 27, 1606623.	7.8	51
116	Addition of interferon $\gamma$ to the p53-SLP vaccine results in increased production of interferon $\gamma$ in vaccinated colorectal cancer patients: A phase I/II clinical trial. <i>International Journal of Cancer</i> , 2013, 132, 1581-1591.	2.3	50
117	Antibodies against synthetic peptides of herpes simplex virus type 1 glycoprotein D and their capability to neutralize viral infectivity in vitro. <i>Journal of Virology</i> , 1988, 62, 501-510.	1.5	50
118	T-cell recognition of HLA-DQ2-bound gluten peptides can be influenced by an N-terminal proline at p-1. <i>Immunogenetics</i> , 2005, 57, 8-15.	1.2	49
119	AIDS-protective HLA-B*27/B*57 and chimpanzee MHC class I molecules target analogous conserved areas of HIV-1/SIV <sub>cpz</sub> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15175-15180.	3.3	49
120	Differential binding of viral peptides to HLA-A2 alleles. Implications for human papillomavirus type 16 E7 peptide-based vaccination against cervical carcinoma. <i>European Journal of Immunology</i> , 1999, 29, 1292-1303.	1.6	48
121	Design, synthesis and evaluation of high-affinity binders for the celiac disease associated HLA-DQ2 molecule. <i>Molecular Immunology</i> , 2010, 47, 1091-1097.	1.0	48
122	The human peptidylarginine deiminases type 2 and type 4 have distinct substrate specificities. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 829-836.	1.1	48
123	Structure of celiac disease-associated HLA-DQ8 and non-associated HLA-DQ9 alleles in complex with two disease-specific epitopes. <i>International Immunology</i> , 2000, 12, 1157-1166.	1.8	47
124	Impact of Peptides on the Recognition of HLA Class I Molecules by Human HLA Antibodies. <i>Journal of Immunology</i> , 2005, 175, 5950-5957.	0.4	46
125	Detailed motifs for peptide binding to HLA-A*0201 derived from large random sets of peptides using a cellular binding assay. <i>Human Immunology</i> , 1995, 43, 1-12.	1.2	45
126	Natural peptides isolated from Gly86/Val86-containing variants of HLA-DR1, -DR11, -DR13, and -DR52. <i>Immunogenetics</i> , 1996, 43, 392-397.	1.2	45



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127	An MVA-based Vaccine Targeting the Oncofetal Antigen 5T4 in Patients Undergoing Surgical Resection of Colorectal Cancer Liver Metastases. <i>Journal of Immunotherapy</i> , 2008, 31, 820-829.	1.2	45
128	Cationic Liposomes: A Flexible Vaccine Delivery System for Physicochemically Diverse Antigenic Peptides. <i>Pharmaceutical Research</i> , 2018, 35, 207.	1.7	44
129	The use of dedicated peptide libraries permits the discovery of high affinity binding peptides. <i>Journal of Immunological Methods</i> , 1995, 187, 179-188.	0.6	43
130	Human neutrophil peptide-1 inhibits both the classical and the lectin pathway of complement activation. <i>Molecular Immunology</i> , 2007, 44, 3608-3614.	1.0	43
131	Rational Combination of Peptides Derived from Different <i>Mycobacterium leprae</i> Proteins Improves Sensitivity for Immunodiagnosis of <i>M. leprae</i> Infection. <i>Vaccine Journal</i> , 2008, 15, 522-533.	3.2	43
132	Fluorogenic MMP Activity Assay for Plasma Including MMPs Complexed to alpha2-Macroglobulin. <i>Annals of the New York Academy of Sciences</i> , 1999, 878, 150-158.	1.8	42
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