

Peter A Van Veelen

List of Publications by Year in descending order

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171
papers

11,902
citations

28274

55
h-index

29157

104
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181
all docs

181
docs citations

181
times ranked

17755
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation modulates the peptide repertoire, enhances MHC class I expression, and induces successful antitumor immunotherapy. <i>Journal of Experimental Medicine</i> , 2006, 203, 1259-1271.	8.5	1,389
2	Autoantibodies recognizing carbamylated proteins are present in sera of patients with rheumatoid arthritis and predict joint damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17372-17377.	7.1	464
3	Alpha-gliadin genes from the A, B, and D genomes of wheat contain different sets of celiac disease epitopes. <i>BMC Genomics</i> , 2006, 7, 1.	2.8	445
4	The gluten response in children with celiac disease is directed toward multiple gliadin and glutenin peptides. <i>Gastroenterology</i> , 2002, 122, 1729-1737.	1.3	383
5	Specificity of Tissue Transglutaminase Explains Cereal Toxicity in Celiac Disease. <i>Journal of Experimental Medicine</i> , 2002, 195, 643-649.	8.5	338
6	Thrombocidins, Microbicidal Proteins from Human Blood Platelets, Are C-terminal Deletion Products of CXC Chemokines. <i>Journal of Biological Chemistry</i> , 2000, 275, 20374-20381.	3.4	284
7	Peptide Diffusion, Protection, and Degradation in Nuclear and Cytoplasmic Compartments before Antigen Presentation by MHC Class I. <i>Immunity</i> , 2003, 18, 97-108.	14.3	267
8	Autoreactive CD8 T cells associated with β 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.	7.1	252
9	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.	8.5	236
10	Efficient ~ 2 frameshifting by mammalian ribosomes to synthesize an additional arterivirus protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2920-8.	7.1	231
11	Natural Variation in Toxicity of Wheat: Potential for Selection of Nontoxic Varieties for Celiac Disease Patients. <i>Gastroenterology</i> , 2005, 129, 797-806.	1.3	230
12	Highly efficient gluten degradation with a newly identified prolyl endoprotease: implications for celiac disease. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G621-G629.	3.4	225
13	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.	1.3	213
14	Discovery of an essential nucleotidylating activity associated with a newly delineated conserved domain in the RNA polymerase-containing protein of all nidoviruses. <i>Nucleic Acids Research</i> , 2015, 43, 8416-8434.	14.5	197
15	An ER-Associated Pathway Defines Endosomal Architecture for Controlled Cargo Transport. <i>Cell</i> , 2016, 166, 152-166.	28.9	187
16	Glutenin is involved in the gluten-driven mucosal T cell response. <i>European Journal of Immunology</i> , 1999, 29, 3133-3139.	2.9	184
17	Autoimmunity against a defective ribosomal insulin gene product in type 1 diabetes. <i>Nature Medicine</i> , 2017, 23, 501-507.	30.7	182
18	Extensive glycosylation of ACPA-IgG variable domains modulates binding to citrullinated antigens in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 578-585.	0.9	161

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19	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.	2.9	157
20	Posttranslational Modification of HLA-DQ Binding Islet Autoantigens in Type 1 Diabetes. <i>Diabetes</i> , 2014, 63, 237-247.	0.6	150
21	Selective cytotoxic T-lymphocyte targeting of tumor immune escape variants. <i>Nature Medicine</i> , 2006, 12, 417-424.	30.7	142
22	Methylation of Arginine Residues Interferes with Citrullination by Peptidylarginine Deiminases in vitro. <i>Journal of Molecular Biology</i> , 2007, 367, 1118-1129.	4.2	138
23	MiR-17/20/93/106 promote hematopoietic cell expansion by targeting sequestosome 1 regulated pathways in mice. <i>Blood</i> , 2011, 118, 916-925.	1.4	133
24	Mutated nucleophosmin 1 as immunotherapy target in acute myeloid leukemia. <i>Journal of Clinical Investigation</i> , 2019, 129, 774-785.	8.2	128
25	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.	0.7	127
26	The SystemMHC Atlas project. <i>Nucleic Acids Research</i> , 2018, 46, D1237-D1247.	14.5	119
27	The minor histocompatibility antigen HA-3 arises from differential proteasome mediated cleavage of the lymphoid blast crisis (Lbc) oncoprotein. <i>Blood</i> , 2003, 102, 621-629.	1.4	118
28	The Human Leukocyte Antigen presented Ligandome of B Lymphocytes. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1829-1843.	3.8	113
29	Transactivation of programmed ribosomal frameshifting by a viral protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2172-81.	7.1	113
30	Tumor Eradication by Cisplatin Is Sustained by CD80/86-Mediated Costimulation of CD8+ T Cells. <i>Cancer Research</i> , 2016, 76, 6017-6029.	0.9	108
31	Identification of 81-hydroxychlorophyll a as a functional reaction center pigment in heliobacteria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1991, 1058, 356-362.	1.0	105
32	MHC Class I Antigen Processing of an Adenovirus CTL Epitope Is Linked to the Levels of Immunoproteasomes in Infected Cells. <i>Journal of Immunology</i> , 2000, 164, 4500-4506.	0.8	105
33	PRAME-Specific Allo-HLA Restricted T Cells with Potent Antitumor Reactivity Useful for Therapeutic T-Cell Receptor Gene Transfer. <i>Clinical Cancer Research</i> , 2011, 17, 5615-5625.	7.0	104
34	Circulating Preproinsulin Signal Peptide Specific CD8 T Cells Restricted by the Susceptibility Molecule HLA-A24 Are Expanded at Onset of Type 1 Diabetes and Kill Î²-Cells. <i>Diabetes</i> , 2012, 61, 1752-1759.	0.6	101
35	Carbamylation and antibodies against carbamylated proteins in autoimmunity and other pathologies. <i>Autoimmunity Reviews</i> , 2014, 13, 225-230.	5.8	99
36	Antigen processing by nardilysin and thimet oligopeptidase generates cytotoxic T cell epitopes. <i>Nature Immunology</i> , 2011, 12, 45-53.	14.5	94

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37	Multiple myeloma-reactive T cells recognize an activation-induced minor histocompatibility antigen encoded by the ATP-dependent interferon-responsive (ADIR) gene. <i>Blood</i> , 2007, 109, 4089-4096.	1.4	90
38	The nonpolymorphic MHC Qa-1b mediates CD8+ T cell surveillance of antigen-processing defects. <i>Journal of Experimental Medicine</i> , 2010, 207, 207-221.	8.5	89
39	Naturally Processed Non-canonical HLA-A*02:01 Presented Peptides. <i>Journal of Biological Chemistry</i> , 2015, 290, 2593-2603.	3.4	89
40	Abrogation of CTL Epitope Processing by Single Amino Acid Substitution Flanking the C-Terminal Proteasome Cleavage Site. <i>Journal of Immunology</i> , 2000, 164, 1898-1905.	0.8	88
41	Multimodal Mass Spectrometry Imaging of <i>N</i> -Glycans and Proteins from the Same Tissue Section. <i>Analytical Chemistry</i> , 2016, 88, 7745-7753.	6.5	86
42	Alternative peptide repertoire of HLA-E reveals a binding motif that is strikingly similar to HLA-A2. <i>Molecular Immunology</i> , 2013, 53, 126-131.	2.2	85
43	The first step of peptide selection in antigen presentation by MHC class I molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1505-1510.	7.1	85
44	Antibody Response Against Perlecan and Collagen Types IV and VI in Chronic Renal Allograft Rejection in the Rat. <i>American Journal of Pathology</i> , 2002, 160, 1301-1310.	3.8	81
45	PHGDH heterogeneity potentiates cancer cell dissemination and metastasis. <i>Nature</i> , 2022, 605, 747-753.	27.8	77
46	Large-Scale Characterization of Natural Ligands Explains the Unique Gluten-Binding Properties of HLA-DQ2. <i>Journal of Immunology</i> , 2008, 180, 3268-3278.	0.8	75
47	Recognition of citrullinated and carbamylated proteins by human antibodies: specificity, cross-reactivity and the α -AMC-Senshu TM method. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 148-150.	0.9	73
48	Activity-Based Profiling Reveals Reactivity of the Murine Thymoproteasome-Specific Subunit β 5t. <i>Chemistry and Biology</i> , 2010, 17, 795-801.	6.0	72
49	The Alkyne Moiety as a Latent Electrophile in Irreversible Covalent Small Molecule Inhibitors of Cathepsin K. <i>Journal of the American Chemical Society</i> , 2019, 141, 3507-3514.	13.7	72
50	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.	0.8	71
51	Morphological changes during dendritic cell maturation correlate with cofilin activation and translocation to the cell membrane. <i>European Journal of Immunology</i> , 2004, 34, 156-164.	2.9	70
52	A Universal Approach to Eliminate Antigenic Properties of Alpha-Gliadin Peptides in Celiac Disease. <i>PLoS ONE</i> , 2010, 5, e15637.	2.5	68
53	Gcn5 and Esa1 function as histone crotonyltransferases to regulate crotonylation-dependent transcription. <i>Journal of Biological Chemistry</i> , 2019, 294, 20122-20134.	3.4	66
54	Allo-HLA-reactive T cells inducing graft-versus-host disease are single peptide specific. <i>Blood</i> , 2011, 118, 6733-6742.	1.4	64

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55	Type 1 Diabetes-associated HLA-DQ8 Transdimer Accommodates a Unique Peptide Repertoire. <i>Journal of Biological Chemistry</i> , 2012, 287, 9514-9524.	3.4	64
56	Accurate quantitation of MHC-bound peptides by application of isotopically labeled peptide MHC complexes. <i>Journal of Proteomics</i> , 2014, 109, 240-244.	2.4	63
57	Identification of the major chlorosomal bacteriochlorophylls of the green sulfur bacteria <i>Chlorobium vibrioforme</i> and <i>Chlorobium phaeovibrioides</i> ; their function in lateral energy transfer. <i>Photosynthesis Research</i> , 1993, 35, 159-169.	2.9	60
58	CD4 T-cell cytokines synergize to induce proliferation of malignant and nonmalignant innate intraepithelial lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E980-E989.	7.1	56
59	Anionic 1,2-distearoyl-sn-glycero-3-phosphoglycerol (DSPG) liposomes induce antigen-specific regulatory T cells and prevent atherosclerosis in mice. <i>Journal of Controlled Release</i> , 2018, 291, 135-146.	9.9	54
60	The nature of the primary electron acceptor in green sulfur bacteria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1992, 1102, 371-378.	1.0	53
61	Ectopic miR-125a Expression Induces Long-Term Repopulating Stem Cell Capacity in Mouse and Human Hematopoietic Progenitors. <i>Cell Stem Cell</i> , 2016, 19, 383-396.	11.1	52
62	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.	2.4	49
63	AIDS-protective HLA-B*27/B*57 and chimpanzee MHC class I molecules target analogous conserved areas of HIV-1/SIV_{cpz}. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15175-15180.	7.1	49
64	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.	2.3	48
65	Human VAPome Analysis Reveals MOSPD1 and MOSPD3 as Membrane Contact Site Proteins Interacting with FFAT-Related FFNT Motifs. <i>Cell Reports</i> , 2020, 33, 108475.	6.4	48
66	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.	4.0	47
67	Dissection of the HLA-DR4 Peptide Repertoire in Endocrine Epithelial Cells: Strong Influence of Invariant Chain and HLA-DM Expression on the Nature of Ligands. <i>Journal of Immunology</i> , 2004, 173, 1085-1093.	0.8	46
68	Small-Molecule Activity-Based Probe for Monitoring Ubiquitin C-Terminal Hydrolase L1 (UCHL1) Activity in Live Cells and Zebrafish Embryos. <i>Journal of the American Chemical Society</i> , 2020, 142, 16825-16841.	13.7	46
69	Comparison of peptide and protein fractionation methods in proteomics. <i>EuPA Open Proteomics</i> , 2013, 1, 30-37.	2.5	45
70	Comprehensive Analysis of the Mouse Brain Proteome Sampled in Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2015, 87, 1867-1875.	6.5	44
71	TCR-based therapy for multiple myeloma and other B-cell malignancies targeting intracellular transcription factor BOB1. <i>Blood</i> , 2017, 129, 1284-1295.	1.4	44
72	The Redox State of Transglutaminase 2 Controls Arterial Remodeling. <i>PLoS ONE</i> , 2011, 6, e23067.	2.5	44

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73	Identification of a Novel Tumor-Specific CTL Epitope Presented by RMA, EL-4, and MBL-2 Lymphomas Reveals Their Common Origin. <i>Journal of Immunology</i> , 2000, 165, 869-877.	0.8	43
74	ICL-induced miR139-3p and miR199a-3p have opposite roles in hematopoietic cell expansion and leukemic transformation. <i>Blood</i> , 2015, 125, 3937-3948.	1.4	43
75	Discovery of T Cell Epitopes Implementing HLA-Peptidomics into a Reverse Immunology Approach. <i>Journal of Immunology</i> , 2013, 190, 3869-3877.	0.8	40
76	Identification of a neo-epitope dominating endogenous CD8 T cell responses to MC-38 colorectal cancer. <i>Oncolmmunology</i> , 2020, 9, 1673125.	4.6	40
77	Fine specificity of monoclonal antibodies against celiac diseaseâ€“inducing peptides in the gluteome. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 1057-1066.	4.7	39
78	Ineffective Degradation of Immunogenic Gluten Epitopes by Currently Available Digestive Enzyme Supplements. <i>PLoS ONE</i> , 2015, 10, e0128065.	2.5	39
79	Exploring the Versatility of the Covalent Thiolâ€“Alkyne Reaction with Substituted Propargyl Warheads: A Deciding Role for the Cysteine Protease. <i>Journal of the American Chemical Society</i> , 2021, 143, 6423-6433.	13.7	39
80	On-line high-performance liquid chromatography/mass spectrometric characterization of native oligosaccharides from glycoproteins. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1320-1329.	1.5	37
81	Identification of Biological Relevant Minor Histocompatibility Antigens within the B-lymphocyteâ€“Derived HLA-Ligandome Using a Reverse Immunology Approach. <i>Clinical Cancer Research</i> , 2015, 21, 2177-2186.	7.0	36
82	Discovery of a Selective Islet Peptidome Presented by the Highest-Risk HLA-DQ8<i>trans</i> Molecule. <i>Diabetes</i> , 2016, 65, 732-741.	0.6	35
83	Molecular Pathways for Immune Recognition of Preproinsulin Signal Peptide in Type 1 Diabetes. <i>Diabetes</i> , 2018, 67, 687-696.	0.6	35
84	Identification of carbamylated alpha 1 anti-trypsin (A1AT) as an antigenic target of anti-CarP antibodies in patients with rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2017, 80, 77-84.	6.5	34
85	Specific TÂCell Responses against Minor Histocompatibility Antigens Cannot Generally Be Explained by Absence of Their Allelic Counterparts on the Cell Surface. <i>Proteomics</i> , 2018, 18, e1700250.	2.2	34
86	Different classes of anti-modified protein antibodies are induced on exposure to antigens expressing only one type of modification. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 908-916.	0.9	34
87	A flexible MHC class I multimer loading system for large-scale detection of antigen-specific T cells. <i>Journal of Experimental Medicine</i> , 2018, 215, 1493-1504.	8.5	33
88	Quantitative determination of TCR cross-reactivity using peptide libraries and protein databases. <i>European Journal of Immunology</i> , 1999, 29, 2385-2391.	2.9	31
89	HLA-DR4 Molecules in Neuroendocrine Epithelial Cells Associate to a Heterogeneous Repertoire of Cytoplasmic and Surface Self Peptides. <i>Journal of Immunology</i> , 2002, 169, 5052-5060.	0.8	31
90	Monitoring glycation levels of a bispecific monoclonal antibody at subunit level by ultrahigh-resolution MALDI FT-ICR mass spectrometry. <i>MAbs</i> , 2020, 12, 1682403.	5.2	30

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91	Disclosure of Selective Advantages in the "modern" Sublineage of the Mycobacterium tuberculosis Beijing Genotype Family by Quantitative Proteomics. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2632-2645.	3.8	28
92	Simultaneous Immunoglobulin A and G Glycopeptide Profiling for High-Throughput Applications. <i>Analytical Chemistry</i> , 2020, 92, 4518-4526.	6.5	28
93	Permissive HLA-DPB1 mismatches in HCT depend on immunopeptidome divergence and editing by HLA-DM. <i>Blood</i> , 2021, 137, 923-928.	1.4	28
94	Proteasomal Degradation of Proinsulin Requires Derlin-2, HRD1 and p97. <i>PLoS ONE</i> , 2015, 10, e0128206.	2.5	27
95	Breach of autoreactive B cell tolerance by post-translationally modified proteins. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1449-1457.	0.9	27
96	ST6Gal1 targets the ectodomain of ErbB2 in a site-specific manner and regulates gastric cancer cell sensitivity to trastuzumab. <i>Oncogene</i> , 2021, 40, 3719-3733.	5.9	27
97	Cd8 T cell recognition of human 5T4 oncofetal antigen. <i>International Journal of Cancer</i> , 2006, 119, 1638-1647.	5.1	26
98	The nonpolymorphic MHC Qa-1b mediates CD8+ T cell surveillance of antigen-processing defects. <i>Journal of Experimental Medicine</i> , 2010, 207, 671-671.	8.5	25
99	Thioridazine Alters the Cell-Envelope Permeability of <i>Mycobacterium tuberculosis</i> . <i>Journal of Proteome Research</i> , 2016, 15, 1776-1786.	3.7	25
100	Dendritic Cells Guide Islet Autoimmunity through a Restricted and Uniquely Processed Peptidome Presented by High-Risk HLA-DR. <i>Journal of Immunology</i> , 2016, 196, 3253-3263.	0.8	24
101	Abrogation of Immunogenic Properties of Gliadin Peptides through Transamidation by Microbial Transglutaminase Is Acyl-Acceptor Dependent. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7542-7552.	5.2	24
102	Terminal α 2,6-sialylation of epidermal growth factor receptor modulates antibody therapy response of colorectal cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 835-850.	4.4	24
103	Generation of CD20-specific TCRs for TCR gene therapy of CD20 ^{low} B-cell malignancies insusceptible to CD20-targeting antibodies. <i>Oncotarget</i> , 2016, 7, 77021-77037.	1.8	24
104	Minimal Information About an Immunopeptidomics Experiment (MIAIPE). <i>Proteomics</i> , 2018, 18, e1800110.	2.2	23
105	Immunopeptidome Analysis of HLA-DPB1 Allelic Variants Reveals New Functional Hierarchies. <i>Journal of Immunology</i> , 2020, 204, 3273-3282.	0.8	23
106	Characterization of Macrophage Galactose-type Lectin (MGL) ligands in colorectal cancer cell lines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129513.	2.4	22
107	Mechanisms of Phenotypic Rifampicin Tolerance in <i>Mycobacterium tuberculosis</i> Beijing Genotype Strain B0/W148 Revealed by Proteomics. <i>Journal of Proteome Research</i> , 2016, 15, 1194-1204.	3.7	21
108	Natural variation in avenin epitopes among oat varieties: Implications for celiac disease. <i>Journal of Cereal Science</i> , 2011, 54, 8-12.	3.7	20

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109	Development of a DUB-selective fluorogenic substrate. <i>Chemical Science</i> , 2019, 10, 10290-10296.	7.4	20
110	Epitope Stealing as a Mechanism of Dominant Protection by HLA-DQ6 in Type 1 Diabetes. <i>Diabetes</i> , 2019, 68, 787-795.	0.6	20
111	Glycoproteomic Analysis of MGL-Binding Proteins on Acute T-Cell Leukemia Cells. <i>Journal of Proteome Research</i> , 2019, 18, 1125-1132.	3.7	18
112	ERAP2 Increases the Abundance of a Peptide Submotif Highly Selective for the Birdshot Uveitis-Associated HLA-A29. <i>Frontiers in Immunology</i> , 2021, 12, 634441.	4.8	18
113	Therapeutic targeting of the BCR-associated protein CD79b in a TCR-based approach is hampered by aberrant expression of CD79b. <i>Blood</i> , 2015, 125, 949-958.	1.4	17
114	Dominance of an alternative CLIP sequence in the celiac disease associated HLA-DQ2 molecule. <i>Immunogenetics</i> , 2008, 60, 551-555.	2.4	16
115	Temporal SILAC-based quantitative proteomics identifies host factors involved in chikungunya virus replication. <i>Proteomics</i> , 2015, 15, 2267-2280.	2.2	16
116	Identification and Characterization of a Novel Outer Membrane Protein (OMP J) of <i>Moraxella catarrhalis</i> That Exists in Two Major Forms. <i>Journal of Bacteriology</i> , 2005, 187, 7977-7984.	2.2	15
117	On the generation and characterization of the spiro[2,5]octadienyl anion in the gas phase. <i>Organic Mass Spectrometry</i> , 1989, 24, 546-558.	1.3	14
118	HSPVdb—the Human Short Peptide Variation Database for improved mass spectrometry-based detection of polymorphic HLA-ligands. <i>Immunogenetics</i> , 2011, 63, 143-153.	2.4	14
119	Enhanced antigen cross-presentation in human colorectal cancer-associated fibroblasts through upregulation of the lysosomal protease cathepsin S. , 2022, 10, e003591.		13
120	Site-Specific Glycosylation Mapping of Fc Gamma Receptor IIIb from Neutrophils of Individual Healthy Donors. <i>Analytical Chemistry</i> , 2020, 92, 13172-13181.	6.5	12
121	Detecting Proteomic Indicators to Distinguish Diabetic Nephropathy from Hypertensive Nephrosclerosis by Integrating Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging with High-Mass Accuracy Mass Spectrometry. <i>Kidney and Blood Pressure Research</i> , 2020, 45, 233-248.	2.0	12
122	T cells targeted to TdT kill leukemic lymphoblasts while sparing normal lymphocytes. <i>Nature Biotechnology</i> , 2022, 40, 488-498.	17.5	12
123	Development of an Activity-Based Probe for Autotaxin. <i>ChemBioChem</i> , 2010, 11, 2311-2317.	2.6	11
124	A Specialist Macaque MHC Class I Molecule with HLA-B*27-like Peptide-Binding Characteristics. <i>Journal of Immunology</i> , 2017, 199, 3679-3690.	0.8	11
125	N-Glycoproteins Have a Major Role in MGL Binding to Colorectal Cancer Cell Lines: Associations with Overall Proteome Diversity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5522.	4.1	11
126	Fc gamma receptor IIIb binding of individual antibody proteoforms resolved by affinity chromatography—mass spectrometry. <i>MABs</i> , 2021, 13, 1982847.	5.2	11

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127	Promiscuous Binding of Invariant Chain-Derived CLIP Peptide to Distinct HLA-I Molecules Revealed in Leukemic Cells. <i>PLoS ONE</i> , 2012, 7, e34649.	2.5	10
128	Discovery of a new Pro-Pro endopeptidase, PPEP-2, provides mechanistic insights into the differences in substrate specificity within the PPEP family. <i>Journal of Biological Chemistry</i> , 2018, 293, 11154-11165.	3.4	10
129	A broad and systematic approach to identify B cell malignancy-targeting TCRs for multi-antigen-based TÂcell therapy. <i>Molecular Therapy</i> , 2022, 30, 564-578.	8.2	10
130	The tumor suppressor MIR139 is silenced by POLR2M to promote AML oncogenesis. <i>Leukemia</i> , 2022, 36, 687-700.	7.2	10
131	Proteomic Analysis Identifies FNDC1, A1BG, and Antigen Processing Proteins Associated with Tumor Heterogeneity and Malignancy in a Canine Model of Breast Cancer. <i>Cancers</i> , 2021, 13, 5901.	3.7	10
132	Mass-spectrometric identification of carbamylated proteins present in the joints of rheumatoid arthritis patients and controls. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 570-577.	0.8	10
133	252Cf plasma desorption mass spectrometry of some group 8 metal-containing coordination compounds. <i>Organic Mass Spectrometry</i> , 1991, 26, 74-80.	1.3	9
134	Promiscuity of Peptides Presented in HLA-DP Molecules from Different Immunogenicity Groups Is Associated With T-Cell Cross-Reactivity. <i>Frontiers in Immunology</i> , 2022, 13, 831822.	4.8	9
135	WT1-specific TCRs directed against newly identified peptides install antitumor reactivity against acute myeloid leukemia and ovarian carcinoma. , 2022, 10, e004409.		9
136	Purification of the stress protein Î±B-crystallin and its differentially phosphorylated forms. <i>Journal of Immunological Methods</i> , 1998, 221, 159-168.	1.4	8
137	Parallel reaction monitoring of clinical <i>Mycobacterium tuberculosis</i> lineages reveals pre-existent markers of rifampicin tolerance in the emerging Beijing lineage. <i>Journal of Proteomics</i> , 2017, 150, 9-17.	2.4	8
138	A CD22-reactive TCR from the T-cell allorepertoire for the treatment of acute lymphoblastic leukemia by TCR gene transfer. <i>Oncotarget</i> , 2016, 7, 71536-71547.	1.8	7
139	Semiautomated glycoproteomics data analysis workflow for maximized glycopeptide identification and reliable quantification. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 3038-3051.	2.2	7
140	Limitations of homology searching for identification of T-cell antigens with library derived mimicry epitopes. <i>Vaccine</i> , 1999, 18, 204-208.	3.8	6
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