

Donald F Hunt

List of Publications by Year in descending order

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368
papers

43,621
citations

1237

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196
g-index

373
all docs

373
docs citations

373
times ranked

32181
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide and protein sequence analysis by electron transfer dissociation mass spectrometry. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9528-9533.	7.1	2,174
2	Phosphoproteome analysis by mass spectrometry and its application to <i>Saccharomyces cerevisiae</i> . Nature Biotechnology, 2002, 20, 301-305.	17.5	1,725
3	Characterization of peptides bound to the class I MHC molecule HLA-A2.1 by mass spectrometry. Science, 1992, 255, 1261-1263.	12.6	1,189
4	Protein sequencing by tandem mass spectrometry.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 6233-6237.	7.1	1,181
5	Regulation of HP1 chromatin binding by histone H3 methylation and phosphorylation. Nature, 2005, 438, 1116-1122.	27.8	834
6	Identification of a peptide recognized by five melanoma-specific human cytotoxic T cell lines. Science, 1994, 264, 716-719.	12.6	812
7	Mitotic Phosphorylation of Histone H3 Is Governed by Ipl1/aurora Kinase and Glc7/PP1 Phosphatase in Budding Yeast and Nematodes. Cell, 2000, 102, 279-291.	28.9	800
8	Histone Methyltransferases Direct Different Degrees of Methylation to Define Distinct Chromatin Domains. Molecular Cell, 2003, 12, 1591-1598.	9.7	706
9	Peptides presented to the immune system by the murine class II major histocompatibility complex molecule I-Ad. Science, 1992, 256, 1817-1820.	12.6	672
10	A large nucleolar U3 ribonucleoprotein required for 18S ribosomal RNA biogenesis. Nature, 2002, 417, 967-970.	27.8	618
11	Analysis of phosphorylation sites on proteins from <i>Saccharomyces cerevisiae</i> by electron transfer dissociation (ETD) mass spectrometry. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2193-2198.	7.1	541
12	HLA-A2.1-associated peptides from a mutant cell line: a second pathway of antigen presentation. Science, 1992, 255, 1264-1266.	12.6	520
13	Set2 Is a Nucleosomal Histone H3-Selective Methyltransferase That Mediates Transcriptional Repression. Molecular and Cellular Biology, 2002, 22, 1298-1306.	2.3	495
14	The utility of ETD mass spectrometry in proteomic analysis. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 1811-1822.	2.3	469
15	Phosphoproteome Analysis of Capacitated Human Sperm. Journal of Biological Chemistry, 2003, 278, 11579-11589.	3.4	447
16	Trans-histone regulatory pathway in chromatin. Nature, 2002, 418, 498-498.	27.8	444
17	Aurora B Phosphorylates Centromeric MCAK and Regulates Its Localization and Microtubule Depolymerization Activity. Current Biology, 2004, 14, 273-286.	3.9	429
18	Identification of a graft versus host disease-associated human minor histocompatibility antigen. Science, 1995, 268, 1476-1480.	12.6	414

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19	The Minor Histocompatibility Antigen HA-1: A Diallelic Gene with a Single Amino Acid Polymorphism. <i>Science</i> , 1998, 279, 1054-1057.	12.6	399
20	Methylation of histone H4 at arginine 3 occurs in vivo and is mediated by the nuclear receptor coactivator PRMT1. <i>Current Biology</i> , 2001, 11, 996-1000.	3.9	392
21	A Neutral Loss Activation Method for Improved Phosphopeptide Sequence Analysis by Quadrupole Ion Trap Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 3590-3598.	6.5	389
22	An HLA-A2-restricted tyrosinase antigen on melanoma cells results from posttranslational modification and suggests a novel pathway for processing of membrane proteins.. <i>Journal of Experimental Medicine</i> , 1996, 183, 527-534.	8.5	375
23	Protein identification using sequential ion/ion reactions and tandem mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9463-9468.	7.1	362
24	Novel Linear Quadrupole Ion Trap/FT Mass Spectrometer: Performance Characterization and Use in the Comparative Analysis of Histone H3 Post-translational Modifications. <i>Journal of Proteome Research</i> , 2004, 3, 621-626.	3.7	361
25	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.	7.1	354
26	Identification of the \hat{I}^2 cell antigen targeted by a prevalent population of pathogenic CD8+T cells in autoimmune diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8384-8388.	7.1	353
27	Human H-Y: a Male-Specific Histocompatibility Antigen Derived from the SMCY Protein. <i>Science</i> , 1995, 269, 1588-1590.	12.6	345
28	Chemical derivatization of histones for facilitated analysis by mass spectrometry. <i>Nature Protocols</i> , 2007, 2, 933-938.	12.0	324
29	Cathepsin L Proteolytically Processes Histone H3 During Mouse Embryonic Stem Cell Differentiation. <i>Cell</i> , 2008, 135, 284-294.	28.9	308
30	Subfemtomole MS and MS/MS Peptide Sequence Analysis Using Nano-HPLC Micro-ESI Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Analytical Chemistry</i> , 2000, 72, 4266-4274.	6.5	306
31	Androgen Receptor Phosphorylation. <i>Journal of Biological Chemistry</i> , 2002, 277, 29304-29314.	3.4	299
32	Pulsed positive negative ion chemical ionization mass spectrometry. <i>Analytical Chemistry</i> , 1976, 48, 2098-2104.	6.5	297
33	Analysis of nitrated polycyclic aromatic hydrocarbons in diesel particulates. <i>Analytical Chemistry</i> , 1982, 54, 265-271.	6.5	290
34	Composition and Functional Characterization of Yeast 66S Ribosome Assembly Intermediates. <i>Molecular Cell</i> , 2001, 8, 505-515.	9.7	280
35	The Platelet Microparticle Proteome. <i>Journal of Proteome Research</i> , 2005, 4, 1516-1521.	3.7	278
36	Expression Patterns and Post-translational Modifications Associated with Mammalian Histone H3 Variants. <i>Journal of Biological Chemistry</i> , 2006, 281, 559-568.	3.4	278

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37	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.	14.3	275
38	Tandem mass spectrometry identifies many mouse brain O-GlcNAcylated proteins including EGF domain-specific O-GlcNAc transferase targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7280-7285.	7.1	275
39	Organismal Differences in Post-translational Modifications in Histones H3 and H4. <i>Journal of Biological Chemistry</i> , 2007, 282, 7641-7655.	3.4	267
40	O-GlcNAc Regulates FoxO Activation in Response to Glucose. <i>Journal of Biological Chemistry</i> , 2008, 283, 16283-16292.	3.4	265
41	Extensive Crosstalk Between O-GlcNAcylation and Phosphorylation Regulates Cytokinesis. <i>Science Signaling</i> , 2010, 3, ra2.	3.6	262
42	Smac is required for cytochrome c-induced apoptosis in prostate cancer LNCaP cells. <i>Cancer Research</i> , 2002, 62, 18-23.	0.9	252
43	MAPKAP Kinase 2 Phosphorylates Tristetraprolin on in Vivo Sites Including Ser178, a Site Required for 14-3-3 Binding. <i>Journal of Biological Chemistry</i> , 2004, 279, 10176-10184.	3.4	250
44	Characterization of posttranslational modifications in neuron-specific class III beta-tubulin by mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 4685-4689.	7.1	246
45	Genomic and functional evolution of the <i>Drosophila melanogaster</i> sperm proteome. <i>Nature Genetics</i> , 2006, 38, 1440-1445.	21.4	241
46	Enrichment and Site Mapping of O-Linked N-Acetylglucosamine by a Combination of Chemical/Enzymatic Tagging, Photochemical Cleavage, and Electron Transfer Dissociation Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 153-160.	3.8	234
47	Internal lysine palmitoylation in adenylate cyclase toxin from <i>Bordetella pertussis</i> . <i>Science</i> , 1994, 266, 433-435.	12.6	232
48	Histone chaperone Asf1 is required for histone H3 lysine 56 acetylation, a modification associated with S phase in mitosis and meiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6988-6993.	7.1	232
49	Electron transfer dissociation of peptide anions. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 880-882.	2.8	227
50	RNAi-dependent H3K27 methylation is required for heterochromatin formation and DNA elimination in <i>Tetrahymena</i> . <i>Genes and Development</i> , 2007, 21, 1530-1545.	5.9	224
51	Electron capture negative ion chemical ionization mass spectrometry. <i>Analytical Chemistry</i> , 1978, 50, 1781-1784.	6.5	220
52	A Myosin I Isoform in the Nucleus. <i>Science</i> , 2000, 290, 337-341.	12.6	220
53	Invariant chain peptides in most HLA-DR molecules of an antigen-processing mutant. <i>Science</i> , 1992, 258, 1801-1804.	12.6	218
54	Par3 Controls Epithelial Spindle Orientation by aPKC-Mediated Phosphorylation of Apical Pins. <i>Current Biology</i> , 2010, 20, 1809-1818.	3.9	216

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55	Fourier-transform mass spectrometry of large molecules by electrospray ionization.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 9075-9078.	7.1	211
56	Mass spectrometry analysis of Arabidopsis histone H3 reveals distinct combinations of post-translational modifications. Nucleic Acids Research, 2004, 32, 6511-6518.	14.5	211
57	Saccharomyces cerevisiae Rad9 Acts as a Mec1 Adaptor to Allow Rad53 Activation. Current Biology, 2005, 15, 1364-1375.	3.9	207
58	Substrate recognition by ADAR1 and ADAR2. Rna, 2001, 7, 846-858.	3.5	193
59	Phosphorylated Peptides Are Naturally Processed and Presented by Major Histocompatibility Complex Class I Molecules in Vivo. Journal of Experimental Medicine, 2000, 192, 1755-1762.	8.5	192
60	The Immunogenicity of a New Human Minor Histocompatibility Antigen Results from Differential Antigen Processing. Journal of Experimental Medicine, 2001, 193, 195-206.	8.5	191
61	Insulin Controls Subcellular Localization and Multisite Phosphorylation of the Phosphatidic Acid Phosphatase, Lipin 1. Journal of Biological Chemistry, 2007, 282, 277-286.	3.4	190
62	Anion dependence in the partitioning between proton and electron transfer in ion/ion reactions. International Journal of Mass Spectrometry, 2004, 236, 33-42.	1.5	188
63	MHC Class I Associated Phosphopeptides Are the Targets of Memory-like Immunity in Leukemia. Science Translational Medicine, 2013, 5, 203ra125.	12.4	186
64	Proteomic and Bioinformatic Characterization of the Biogenesis and Function of Melanosomes. Journal of Proteome Research, 2006, 5, 3135-3144.	3.7	183
65	Molecular structure of a protein-tyrosine/threonine kinase activating p42 mitogen-activated protein (MAP) kinase: MAP kinase kinase.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 173-177.	7.1	179
66	Identity of a second type of allatostatin from cockroach brains: an octadecapeptide amide with a tyrosine-rich address sequence.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2412-2416.	7.1	176
67	Biochemical Identification of a Mutated Human Melanoma Antigen Recognized by CD4+ T Cells. Journal of Experimental Medicine, 1999, 189, 757-766.	8.5	171
68	Serine 31 phosphorylation of histone variant H3.3 is specific to regions bordering centromeres in metaphase chromosomes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6344-6349.	7.1	169
69	Long-distance combinatorial linkage between methylation and acetylation on histone H3 N termini. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2086-2091.	7.1	169
70	Identification of class I MHC-associated phosphopeptides as targets for cancer immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14889-14894.	7.1	168
71	A PGC-1 β -O-GlcNAc Transferase Complex Regulates FoxO Transcription Factor Activity in Response to Glucose. Journal of Biological Chemistry, 2009, 284, 5148-5157.	3.4	168
72	Toward a protein profile of Escherichia coli: Comparison to its transcription profile. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9232-9237.	7.1	167

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73	Phenethyl Alcohol and Tryptophol: Autoantibiotics Produced by the Fungus <i>Candida albicans</i> . <i>Science</i> , 1969, 163, 192-194.	12.6	164
74	Tandem quadrupole Fourier-transform mass spectrometry of oligopeptides and small proteins.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 620-623.	7.1	157
75	A novel histone deacetylase pathway regulates mitosis by modulating Aurora B kinase activity. <i>Genes and Development</i> , 2006, 20, 2566-2579.	5.9	154
76	Cross-talk between Two Essential Nutrient-sensitive Enzymes. <i>Journal of Biological Chemistry</i> , 2014, 289, 10592-10606.	3.4	154
77	Nuclear Import of Histone H2a and H2b Is Mediated by a Network of Karyopherins. <i>Journal of Cell Biology</i> , 2001, 153, 251-262.	5.2	153
78	The Vertebrate Ndc80 Complex Contains Spc24 and Spc25 Homologs, which Are Required to Establish and Maintain Kinetochore-Microtubule Attachment. <i>Current Biology</i> , 2004, 14, 131-137.	3.9	153
79	Gas-phase ion/molecule isotope-exchange reactions: methodology for counting hydrogen atoms in specific organic structural environments by chemical ionization mass spectrometry. <i>Journal of the American Chemical Society</i> , 1980, 102, 6953-6963.	13.7	147
80	Proteomic Analysis of Early Melanosomes: Identification of Novel Melanosomal Proteins. <i>Journal of Proteome Research</i> , 2003, 2, 69-79.	3.7	147
81	Chemical ionization mass spectrometry of salts and thermally labile organics with field desorption emitters as solids probes. <i>Analytical Chemistry</i> , 1977, 49, 1160-1163.	6.5	139
82	Sequence analysis of oligopeptides by secondary ion/collision activated dissociation mass spectrometry. <i>Analytical Chemistry</i> , 1981, 53, 1704-1706.	6.5	137
83	Genomics, metagenomics and proteomics in biomining microorganisms. <i>Biotechnology Advances</i> , 2006, 24, 197-211.	11.7	136
84	Codependent Functions of RSK2 and the Apoptosis-Promoting Factor TIA-1 in Stress Granule Assembly and Cell Survival. <i>Molecular Cell</i> , 2008, 31, 722-736.	9.7	136
85	Resetting the Epigenetic Histone Code in the MRL-lpr/lpr Mouse Model of Lupus by Histone Deacetylase Inhibition. <i>Journal of Proteome Research</i> , 2005, 4, 2032-2042.	3.7	135
86	Collision activated decompositions in mixture analysis with a triple quadrupole mass spectrometer. <i>Analytical Chemistry</i> , 1980, 52, 386-390.	6.5	134
87	A new peptide in the FMRFamide family isolated from the CNS of the hawkmoth, <i>Manduca sexta</i> . <i>Peptides</i> , 1990, 11, 849-856.	2.4	134
88	Characterization of histones and their post-translational modifications by mass spectrometry. <i>Current Opinion in Chemical Biology</i> , 2007, 11, 66-73.	6.1	133
89	N-terminal H3-methylation of RCC1 is necessary for stable chromatin association and normal mitosis. <i>Nature Cell Biology</i> , 2007, 9, 596-603.	10.3	133
90	Structural characterization of toxic cyclic peptides from blue-green algae by tandem mass spectrometry.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 770-774.	7.1	132

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91	Pathways Mediating the Nuclear Import of Histones H3 and H4 in Yeast. <i>Journal of Biological Chemistry</i> , 2002, 277, 862-868.	3.4	130
92	Phosphorylation-dependent interaction between antigenic peptides and MHC class I: a molecular basis for the presentation of transformed self. <i>Nature Immunology</i> , 2008, 9, 1236-1243.	14.5	130
93	The Arabidopsis O-fucosyltransferase SPINDLY activates nuclear growth repressor DELLA. <i>Nature Chemical Biology</i> , 2017, 13, 479-485.	8.0	130
94	Complete amino acid sequence of a human monocyte chemoattractant, a putative mediator of cellular immune reactions.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 1850-1854.	7.1	129
95	trans-2,3-cis-3,4-Dihydroxyproline, a New Naturally Occurring Amino Acid, Is the Sixth Residue in the Tandemly Repeated Consensus Decapeptides of an Adhesive Protein from <i>Mytilus edulis</i> . <i>Journal of the American Chemical Society</i> , 1994, 116, 10803-10804.	13.7	127
96	Identification of Histone H3 Lysine 36 Acetylation as a Highly Conserved Histone Modification. <i>Journal of Biological Chemistry</i> , 2007, 282, 7632-7640.	3.4	126
97	The Immunodominant Antigen of an Ultraviolet-induced Regressor Tumor Is Generated by a Somatic Point Mutation in the DEAD Box Helicase p68. <i>Journal of Experimental Medicine</i> , 1997, 185, 695-706.	8.5	125
98	The HA-2 Minor Histocompatibility Antigen Is Derived from a Diallelic Gene Encoding a Novel Human Class I Myosin Protein. <i>Journal of Immunology</i> , 2001, 167, 3223-3230.	0.8	125
99	Optimization of capillary zone electrophoresis/electrospray ionization parameters for the mass spectrometry and tandem mass spectrometry analysis of peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 1992, 3, 289-300.	2.8	122
100	Direct identification of an endogenous peptide recognized by multiple HLA-A2.1-specific cytotoxic T cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 10275-10279.	7.1	122
101	Identification of Cyclin B1 as a Shared Human Epithelial Tumor-Associated Antigen Recognized by T Cells. <i>Journal of Experimental Medicine</i> , 2001, 194, 1313-1324.	8.5	119
102	Characterization of Phosphorylation Sites on Histone H1 Isoforms by Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2004, 3, 1219-1227.	3.7	119
103	Protein phosphatase 1 regulates assembly and function of the β -catenin degradation complex. <i>EMBO Journal</i> , 2007, 26, 1511-1521.	7.8	119
104	CDK9 Regulates AR Promoter Selectivity and Cell Growth through Serine 81 Phosphorylation. <i>Molecular Endocrinology</i> , 2010, 24, 2267-2280.	3.7	119
105	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
106	Analysis of protein phosphorylation by mass spectrometry. <i>Methods</i> , 2005, 35, 256-264.	3.8	116
107	mTOR-dependent stimulation of the association of eIF4G and eIF3 by insulin. <i>EMBO Journal</i> , 2006, 25, 1659-1668.	7.8	116
108	Proteome-wide prediction of acetylation substrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13785-13790.	7.1	115

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109	Posttranslational modification of CENP-A influences the conformation of centromeric chromatin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11827-11832.	7.1	114
110	Molecular cloning, nuclear gene structure, and developmental expression of NADPH: protochlorophyllide oxidoreductase in pea (<i>Pisum sativum</i> L.). <i>Plant Molecular Biology</i> , 1992, 18, 967-972.	3.9	113
111	Determination of active hydrogen in organic compounds by chemical ionization mass spectrometry. <i>Analytical Chemistry</i> , 1972, 44, 1292-1294.	6.5	112
112	A <i>Listeria monocytogenes</i> Pentapeptide Is Presented to Cytolytic T Lymphocytes by the H2-M3 MHC Class Ib Molecule. <i>Immunity</i> , 1996, 5, 73-79.	14.3	109
113	The Class I Antigen-processing Pathway for the Membrane Protein Tyrosinase Involves Translation in the Endoplasmic Reticulum and Processing in the Cytosol. <i>Journal of Experimental Medicine</i> , 1998, 187, 37-48.	8.5	109
114	NRMT is an $\hat{1}\pm$ -N-methyltransferase that methylates RCC1 and retinoblastoma protein. <i>Nature</i> , 2010, 466, 1125-1128.	27.8	109
115	Surface-induced dissociation of peptide ions in Fourier-transform mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1990, 1, 413-416.	2.8	108
116	Susceptibility to ankylosing spondylitis correlates with the C-terminal residue of peptides presented by various HLA-B27 subtypes. <i>European Journal of Immunology</i> , 1997, 27, 368-373.	2.9	107
117	The loss of female sex pheromone after mating in the corn earworm moth <i>Helicoverpa zea</i> : identification of a male pheromonostatic peptide.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5082-5086.	7.1	106
118	The proteolytic fragments generated by vertebrate proteasomes: structural relationships to major histocompatibility complex class I binding peptides.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 8572-8577.	7.1	106
119	Identification of Glycopeptides as Posttranslationally Modified Neoantigens in Leukemia. <i>Cancer Immunology Research</i> , 2017, 5, 376-384.	3.4	106
120	Positive and negative chemical ionization mass spectrometry using a Townsend discharge ion source. <i>Analytical Chemistry</i> , 1975, 47, 1730-1734.	6.5	104
121	Tapasin Is a Facilitator, Not an Editor, of Class I MHC Peptide Binding. <i>Journal of Immunology</i> , 2003, 171, 5287-5295.	0.8	103
122	<i>O</i> -GlcNAcylation of master growth repressor DELLA by SECRET AGENT modulates multiple signaling pathways in <i>Arabidopsis</i> . <i>Genes and Development</i> , 2016, 30, 164-176.	5.9	101
123	Tandem Mass Spectrometry for Peptide and Protein Sequence Analysis. <i>BioTechniques</i> , 2005, 38, 519-523.	1.8	99
124	The PANE1 gene encodes a novel human minor histocompatibility antigen that is selectively expressed in B-lymphoid cells and B-CLL. <i>Blood</i> , 2006, 107, 3779-3786.	1.4	99
125	The enhancement of histone H4 and H2A serine 1 phosphorylation during mitosis and S-phase is evolutionarily conserved. <i>Chromosoma</i> , 2004, 112, 360-371.	2.2	98
126	Identification of tumor-associated, MHC class II-restricted phosphopeptides as targets for immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12073-12078.	7.1	98

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127	Identification and modulation of a naturally processed T cell epitope from the diabetes-associated autoantigen human glutamic acid decarboxylase 65 (hGAD65). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 1763-1768.	7.1	92
128	Specific Recognition of Thymic Self-Peptides Induces the Positive Selection of Cytotoxic T Lymphocytes. <i>Immunity</i> , 1997, 7, 221-231.	14.3	89
129	Melanomas with concordant loss of multiple melanocytic differentiation proteins: immune escape that may be overcome by targeting unique or undefined antigens. <i>Cancer Immunology, Immunotherapy</i> , 2000, 48, 661-672.	4.2	89
130	Characterization of the histone H2A.Z-1 and H2A.Z-2 isoforms in vertebrates. <i>BMC Biology</i> , 2009, 7, 86.	3.8	89
131	Analysis of MHC Class II Antigen Processing by Quantitation of Peptides that Constitute Nested Sets. <i>Journal of Immunology</i> , 2002, 169, 5089-5097.	0.8	88
132	Isolation and identification of a new diuretic peptide from the tobacco hornworm, <i>Manduca sexta</i> . <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 927-932.	2.1	87
133	Evidence for domain organization within the 61-kDa calmodulin-dependent cyclic nucleotide phosphodiesterase from bovine brain. <i>Biochemistry</i> , 1991, 30, 7931-7940.	2.5	87
134	Hemolytic, but Not Cell-invasive Activity, of Adenylate Cyclase Toxin Is Selectively Affected by Differential Fatty-acylation in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 20250-20253.	3.4	86
135	Proteomic, Microarray, and Signature-Tagged Mutagenesis Analyses of Anaerobic <i>Pseudomonas aeruginosa</i> at pH 6.5, Likely Representing Chronic, Late-Stage Cystic Fibrosis Airway Conditions. <i>Journal of Bacteriology</i> , 2008, 190, 2739-2758.	2.2	86
136	Periplasmic Proteins of the Extremophile <i>Acidithiobacillus ferrooxidans</i> . <i>Molecular and Cellular Proteomics</i> , 2007, 6, 2239-2251.	3.8	85
137	Sequencing and characterization of trypsin modulating oostatic factor (TMOF) from the ovaries of the grey fleshfly, <i>Neobellieria (Sarcophaga) bullata</i> . <i>Regulatory Peptides</i> , 1994, 50, 61-72.	1.9	84
138	Cortactin phosphorylation sites mapped by mass spectrometry. <i>Journal of Cell Science</i> , 2006, 119, 2851-2853.	2.0	84
139	Methods for analyzing peptides and proteins on a chromatographic timescale by electron-transfer dissociation mass spectrometry. <i>Nature Protocols</i> , 2008, 3, 1709-1717.	12.0	83
140	Acetylation of Vertebrate H2A.Z and Its Effect on the Structure of the Nucleosome. <i>Biochemistry</i> , 2009, 48, 5007-5017.	2.5	83
141	Modifications of Human Histone H3 Variants during Mitosis. <i>Biochemistry</i> , 2005, 44, 13202-13213.	2.5	81
142	Histone H3 Thr 45 phosphorylation is a replication-associated post-translational modification in <i>S. cerevisiae</i> . <i>Nature Cell Biology</i> , 2010, 12, 294-298.	10.3	81
143	Modulation of c-Myb-induced transcription activation by a phosphorylation site near the negative regulatory domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 6429-6433.	7.1	80
144	Analysis of intact proteins on a chromatographic time scale by electron transfer dissociation tandem mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2007, 259, 197-203.	1.5	80

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145	Ionization and mass analysis of nonvolatile compounds by particle bombardment-quadrupole-Fourier transform mass spectrometry. <i>Analytical Chemistry</i> , 1985, 57, 765-768.	6.5	79
146	Trk Activation of the ERK1/2 Kinase Pathway Stimulates Intermediate Chain Phosphorylation and Recruits Cytoplasmic Dynein to Signaling Endosomes for Retrograde Axonal Transport. <i>Journal of Neuroscience</i> , 2012, 32, 15495-15510.	3.6	79
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148	Sequence analysis of polypeptides by collision activated dissociation on a triple quadrupole mass spectrometer. <i>Biological Mass Spectrometry</i> , 1981, 8, 397-408.	0.5	78
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