

Peter Cresswell

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150
papers

19,677
citations

68
h-index

140
g-index

154
ext. papers

21,370
ext. citations

15.4
avg, IF

6.92
L-index

#	Paper	IF	Citations
150	Glycosylation and the immune system. <i>Science</i> , 2001 , 291, 2370-6	33.3	1289
149	Pathways of antigen processing. <i>Annual Review of Immunology</i> , 2013 , 31, 443-73	34.7	889
148	Mechanisms of MHC class I-restricted antigen processing. <i>Annual Review of Immunology</i> , 1998 , 16, 323-58	34.7	861
147	Assembly, transport, and function of MHC class II molecules. <i>Annual Review of Immunology</i> , 1994 , 12, 259-93	34.7	689
146	HLA-DM induces CLIP dissociation from MHC class II alpha beta dimers and facilitates peptide loading. <i>Cell</i> , 1995 , 82, 155-65	56.2	612
145	Roles for calreticulin and a novel glycoprotein, tapasin, in the interaction of MHC class I molecules with TAP. <i>Immunity</i> , 1996 , 5, 103-14	32.3	589
144	Genes regulating HLA class I antigen expression in T-B lymphoblast hybrids. <i>Immunogenetics</i> , 1985 , 21, 235-46	3.2	515
143	HLA-A2 molecules in an antigen-processing mutant cell contain signal sequence-derived peptides. <i>Nature</i> , 1992 , 356, 443-6	50.4	456
142	A critical role for tapasin in the assembly and function of multimeric MHC class I-TAP complexes. <i>Science</i> , 1997 , 277, 1306-9	33.3	436
141	Invariant chain association with HLA-DR molecules inhibits immunogenic peptide binding. <i>Nature</i> , 1990 , 345, 615-8	50.4	435
140	Co-localization of molecules involved in antigen processing and presentation in an early endocytic compartment. <i>Nature</i> , 1990 , 343, 133-9	50.4	350
139	HLA-DR molecules from an antigen-processing mutant cell line are associated with invariant chain peptides. <i>Nature</i> , 1992 , 360, 474-7	50.4	343
138	The small subunit of HL-A antigens is beta 2-microglobulin. <i>Journal of Experimental Medicine</i> , 1973 , 138, 1608-12	16.6	342
137	MHC class I/beta 2-microglobulin complexes associate with TAP transporters before peptide binding. <i>Nature</i> , 1994 , 368, 864-7	50.4	341
136	The interferon-inducible protein viperin inhibits influenza virus release by perturbing lipid rafts. <i>Cell Host and Microbe</i> , 2007 , 2, 96-105	23.4	333
135	Mechanisms of MHC class I-restricted antigen processing and cross-presentation. <i>Immunological Reviews</i> , 2005 , 207, 145-57	11.3	333
134	Modulation of cell surface iron transferrin receptors by cellular density and state of activation. <i>Journal of Supramolecular Structure</i> , 1979 , 11, 579-86		320

133	Cellular mechanisms governing cross-presentation of exogenous antigens. <i>Nature Immunology</i> , 2004 , 5, 678-84	19.1	313
132	Presentation of viral antigen by MHC class I molecules is dependent on a putative peptide transporter heterodimer. <i>Nature</i> , 1992 , 355, 644-6	50.4	313
131	Early phagosomes in dendritic cells form a cellular compartment sufficient for cross presentation of exogenous antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 12889-94	11.5	301
130	Invariant chain structure and MHC class II function. <i>Cell</i> , 1996 , 84, 505-7	56.2	297
129	The nature of the MHC class I peptide loading complex. <i>Immunological Reviews</i> , 1999 , 172, 21-8	11.3	264
128	Soluble tapasin restores MHC class I expression and function in the tapasin-negative cell line .220. <i>Immunity</i> , 1998 , 8, 221-31	32.3	248
127	A role for the endoplasmic reticulum protein retrotranslocation machinery during crosspresentation by dendritic cells. <i>Immunity</i> , 2006 , 25, 607-17	32.3	234
126	Assembly and intracellular transport of HLA-DM and correction of the class II antigen-processing defect in T2 cells. <i>Immunity</i> , 1994 , 1, 595-606	32.3	230
125	HLA-B27-restricted antigen presentation in the absence of tapasin reveals polymorphism in mechanisms of HLA class I peptide loading. <i>Immunity</i> , 1998 , 8, 531-42	32.3	224
124	Cytomegalovirus US2 destroys two components of the MHC class II pathway, preventing recognition by CD4+ T cells. <i>Nature Medicine</i> , 1999 , 5, 1039-43	50.5	217
123	Insights into MHC class I peptide loading from the structure of the tapasin-ERp57 thiol oxidoreductase heterodimer. <i>Immunity</i> , 2009 , 30, 21-32	32.3	214
122	Defective antigen processing in GILT-free mice. <i>Science</i> , 2001 , 294, 1361-5	33.3	213
121	Negative regulation by HLA-DO of MHC class II-restricted antigen processing. <i>Science</i> , 1997 , 278, 106-9	33.3	196
120	Proteasome subunits encoded in the MHC are not generally required for the processing of peptides bound by MHC class I molecules. <i>Nature</i> , 1992 , 360, 171-4	50.4	194
119	HLA-DM interactions with intermediates in HLA-DR maturation and a role for HLA-DM in stabilizing empty HLA-DR molecules. <i>Journal of Experimental Medicine</i> , 1996 , 184, 2153-65	16.6	191
118	Disulfide bond isomerization and the assembly of MHC class I-peptide complexes. <i>Immunity</i> , 2002 , 16, 87-98	32.3	190
117	Saposins facilitate CD1d-restricted presentation of an exogenous lipid antigen to T cells. <i>Nature Immunology</i> , 2004 , 5, 175-81	19.1	185
116	Selective loading of high-affinity peptides onto major histocompatibility complex class I molecules by the tapasin-ERp57 heterodimer. <i>Nature Immunology</i> , 2007 , 8, 873-81	19.1	183

115	In vivo and in vitro formation and dissociation of HLA-DR complexes with invariant chain-derived peptides. <i>Immunity</i> , 1994 , 1, 763-74	32.3	172
114	The antiviral protein, viperin, localizes to lipid droplets via its N-terminal amphipathic alpha-helix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20452-7	11.5	168
113	The thiol oxidoreductase ERp57 is a component of the MHC class I peptide-loading complex. <i>Current Biology</i> , 1998 , 8, 709-12	6.3	157
112	The quality control of MHC class I peptide loading. <i>Current Opinion in Cell Biology</i> , 2008 , 20, 624-31	9	156
111	Regulation of MHC class I assembly and peptide binding. <i>Annual Review of Cell and Developmental Biology</i> , 2008 , 24, 343-68	12.6	156
110	Viperin: a multifunctional, interferon-inducible protein that regulates virus replication. <i>Cell Host and Microbe</i> , 2011 , 10, 534-9	23.4	154
109	Access of soluble antigens to the endoplasmic reticulum can explain cross-presentation by dendritic cells. <i>Nature Immunology</i> , 2005 , 6, 107-13	19.1	154
108	Human transporters associated with antigen processing possess a promiscuous peptide-binding site. <i>Immunity</i> , 1994 , 1, 7-14	32.3	154
107	Gamma-interferon-inducible lysosomal thiol reductase (GILT). Maturation, activity, and mechanism of action. <i>Journal of Biological Chemistry</i> , 2000 , 275, 25907-14	5.4	150
106	Kinetics and cellular site of glycolipid loading control the outcome of natural killer T cell activation. <i>Immunity</i> , 2009 , 30, 888-98	32.3	143
105	Tapasin and ERp57 form a stable disulfide-linked dimer within the MHC class I peptide-loading complex. <i>EMBO Journal</i> , 2005 , 24, 3613-23	13	141
104	Processing and delivery of peptides presented by MHC class I molecules. <i>Current Opinion in Immunology</i> , 1996 , 8, 59-67	7.8	140
103	Human cytomegalovirus directly induces the antiviral protein viperin to enhance infectivity. <i>Science</i> , 2011 , 332, 1093-7	33.3	139
102	The N-terminal region of tapasin is required to stabilize the MHC class I loading complex. <i>European Journal of Immunology</i> , 1999 , 29, 1858-70	6.1	139
101	Differential transport requirements of HLA and H-2 class I glycoproteins. <i>Immunogenetics</i> , 1989 , 29, 380-82	32	134
100	GILT is a critical host factor for <i>Listeria monocytogenes</i> infection. <i>Nature</i> , 2008 , 455, 1244-7	50.4	114
99	Absence of gamma-interferon-inducible lysosomal thiol reductase in melanomas disrupts T cell recognition of select immunodominant epitopes. <i>Journal of Experimental Medicine</i> , 2002 , 195, 1267-77	16.6	113
98	The interferon-inducible gene viperin restricts West Nile virus pathogenesis. <i>Journal of Virology</i> , 2011 , 85, 11557-66	6.6	112

97	The N-terminal amphipathic alpha-helix of viperin mediates localization to the cytosolic face of the endoplasmic reticulum and inhibits protein secretion. <i>Journal of Biological Chemistry</i> , 2009 , 284, 4705-12	5.4	108
96	Defective cross-presentation of viral antigens in GILT-free mice. <i>Science</i> , 2010 , 328, 1394-8	33.3	105
95	Regulation of intracellular trafficking of human CD1d by association with MHC class II molecules. <i>EMBO Journal</i> , 2002 , 21, 1650-60	13	100
94	A role for calnexin in the assembly of the MHC class I loading complex in the endoplasmic reticulum. <i>Journal of Immunology</i> , 2001 , 166, 1703-9	5.3	92
93	Regulation of MHC class I transport in human dendritic cells and the dendritic-like cell line KG-1. <i>Journal of Immunology</i> , 2003 , 170, 4178-88	5.3	90
92	Calnexin, calreticulin, and ERp57 cooperate in disulfide bond formation in human CD1d heavy chain. <i>Journal of Biological Chemistry</i> , 2002 , 277, 44838-44	5.4	90
91	The transcription factor TFEB acts as a molecular switch that regulates exogenous antigen-presentation pathways. <i>Nature Immunology</i> , 2015 , 16, 729-36	19.1	89
90	Tapasin is a facilitator, not an editor, of class I MHC peptide binding. <i>Journal of Immunology</i> , 2003 , 171, 5287-95	5.3	89
89	Saposin B is the dominant saposin that facilitates lipid binding to human CD1d molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 5551-6	11.5	88
88	Antisera to human B-lymphocyte membrane glycoproteins block stimulation in mixed lymphocyte culture. <i>Nature</i> , 1975 , 257, 147-9	50.4	85
87	Natural lipid ligands associated with human CD1d targeted to different subcellular compartments. <i>Journal of Immunology</i> , 2009 , 182, 4784-91	5.3	79
86	Viperin regulates cellular lipid metabolism during human cytomegalovirus infection. <i>PLoS Pathogens</i> , 2013 , 9, e1003497	7.6	78
85	Regulation of MHC class I heterodimer stability and interaction with TAP by tapasin. <i>Immunogenetics</i> , 1997 , 46, 477-83	3.2	73
84	Disulfide reduction in the endocytic pathway: immunological functions of gamma-interferon-inducible lysosomal thiol reductase. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 657-68	8.4	69
83	Recent developments in MHC-class-I-mediated antigen presentation. <i>Current Opinion in Immunology</i> , 2004 , 16, 82-9	7.8	69
82	Severe tryptophan starvation blocks onset of conventional persistence and reduces reactivation of <i>Chlamydia trachomatis</i> . <i>Infection and Immunity</i> , 2007 , 75, 5105-17	3.7	67
81	Lipid-protein interactions: biosynthetic assembly of CD1 with lipids in the endoplasmic reticulum is evolutionarily conserved. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1022-6	11.5	67
80	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC. <i>European Journal of Immunology</i> , 1998 , 28, 459-67	6.1	66

79	Essential glycan-dependent interactions optimize MHC class I peptide loading. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4950-5	11.5	64
78	Labile disulfide bonds are common at the leucocyte cell surface. <i>Open Biology</i> , 2011 , 1, 110010	7	63
77	Hsp90-mediated cytosolic refolding of exogenous proteins internalized by dendritic cells. <i>EMBO Journal</i> , 2008 , 27, 201-11	13	62
76	Intracellular surveillance: controlling the assembly of MHC class I-peptide complexes. <i>Traffic</i> , 2000 , 1, 301-5	5.7	62
75	A role for UDP-glucose glycoprotein glucosyltransferase in expression and quality control of MHC class I molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4956-61	11.5	56
74	Innate immune recognition triggers secretion of lysosomal enzymes by macrophages. <i>Traffic</i> , 2007 , 8, 1179-89	5.7	56
73	Transport properties of free and MHC class II-associated oligomers containing different isoforms of human invariant chain. <i>International Immunology</i> , 1994 , 6, 439-51	4.9	55
72	Sec61 blockade by mycolactone inhibits antigen cross-presentation independently of endosome-to-cytosol export. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E5910-E5919	11.5	52
71	Viperin is required for optimal Th2 responses and T-cell receptor-mediated activation of NF-kappaB and AP-1. <i>Blood</i> , 2009 , 113, 3520-9	2.2	52
70	The redox activity of ERp57 is not essential for its functions in MHC class I peptide loading. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10477-82	11.5	52
69	Exposure of the promonocytic cell line THP-1 to Escherichia coli induces IFN-gamma-inducible lysosomal thiol reductase expression by inflammatory cytokines. <i>Journal of Immunology</i> , 2006 , 177, 4833-40	5.2	51
68	Receptor-mediated phagocytosis elicits cross-presentation in nonprofessional antigen-presenting cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3324-9	11.5	50
67	Identification of specific glycoforms of major histocompatibility complex class I heavy chains suggests that class I peptide loading is an adaptation of the quality control pathway involving calreticulin and ERp57. <i>Journal of Biological Chemistry</i> , 2002 , 277, 46415-23	5.4	49
66	Expanding roles for GILT in immunity. <i>Current Opinion in Immunology</i> , 2013 , 25, 103-8	7.8	48
65	Functional requirements for the lysosomal thiol reductase GILT in MHC class II-restricted antigen processing. <i>Journal of Immunology</i> , 2006 , 177, 8569-77	5.3	47
64	Antigen processing and presentation. <i>Immunological Reviews</i> , 2005 , 207, 5-7	11.3	47
63	Structural studies of viperin, an antiviral radical SAM enzyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6806-6811	11.5	46
62	Human epidermal Langerhans cells lack functional mannose receptors and a fully developed endosomal/lysosomal compartment for loading of HLA class II molecules. <i>European Journal of Immunology</i> , 1999 , 29, 571-80	6.1	45

61	Elucidation of the genetic basis of the antigen presentation defects in the mutant cell line .220 reveals polymorphism and alternative splicing of the tapasin gene. <i>European Journal of Immunology</i> , 1998 , 28, 3783-91	6.1	43
60	Translational shutdown and evasion of the innate immune response by SARS-CoV-2 NSP14 protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	43
59	C19orf48 encodes a minor histocompatibility antigen recognized by CD8+ cytotoxic T cells from renal cell carcinoma patients. <i>Clinical Cancer Research</i> , 2008 , 14, 5260-9	12.9	42
58	SARS-CoV-2 exacerbates proinflammatory responses in myeloid cells through C-type lectin receptors and Tweety family member 2. <i>Immunity</i> , 2021 , 54, 1304-1319.e9	32.3	41
57	Tumor-associated calreticulin variants functionally compromise the peptide loading complex and impair its recruitment of MHC-I. <i>Journal of Biological Chemistry</i> , 2018 , 293, 9555-9569	5.4	40
56	Dynamics of major histocompatibility complex class I association with the human peptide-loading complex. <i>Journal of Biological Chemistry</i> , 2012 , 287, 31172-84	5.4	40
55	Proprotein convertases process Pmel17 during secretion. <i>Journal of Biological Chemistry</i> , 2011 , 286, 9321-37	5.7	39
54	GILT accelerates autoimmunity to the melanoma antigen tyrosinase-related protein 1. <i>Journal of Immunology</i> , 2010 , 185, 2828-35	5.3	38
53	Major histocompatibility complex class I molecules expressed with monoglucosylated N-linked glycans bind calreticulin independently of their assembly status. <i>Journal of Biological Chemistry</i> , 2004 , 279, 25112-21	5.4	38
52	Multiple species express thiol oxidoreductases related to GILT. <i>Immunogenetics</i> , 2001 , 53, 342-6	3.2	38
51	An epitope common to HLA class I and class II antigens, Ig light chains, and beta 2-microglobulin. <i>Immunogenetics</i> , 1987 , 25, 228-33	3.2	37
50	Deglycosylation-dependent fluorescent proteins provide unique tools for the study of ER-associated degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 3393-8	11.5	33
49	The ongoing saga of the mechanism(s) of MHC class I-restricted cross-presentation. <i>Current Opinion in Immunology</i> , 2017 , 46, 89-96	7.8	32
48	Critical residues in the PMEL/Pmel17 N-terminus direct the hierarchical assembly of melanosomal fibrils. <i>Molecular Biology of the Cell</i> , 2013 , 24, 964-81	3.5	32
47	Interleukin-2 signalling is modulated by a labile disulfide bond in the CD132 chain of its receptor. <i>Open Biology</i> , 2012 , 2, 110036	7	31
46	Quantitating Endosomal Escape of a Library of Polymers for mRNA Delivery. <i>Nano Letters</i> , 2020 , 20, 11171-23	11.3	31
45	Differential requirements for endosomal reduction in the presentation of two H2-E(d)-restricted epitopes from influenza hemagglutinin. <i>Journal of Immunology</i> , 2004 , 172, 6607-14	5.3	30
44	Viperin mRNA is a novel target for the human RNase MRP/RNase P endoribonuclease. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 2469-80	10.3	27

43	Stoichiometric tapasin interactions in the catalysis of major histocompatibility complex class I molecule assembly. <i>Immunology</i> , 2005 , 114, 346-53	7.8	26
42	Calnexin expression does not enhance the generation of MHC class I-peptide complexes. <i>European Journal of Immunology</i> , 1998 , 28, 907-13	6.1	25
41	Target peptide sequence within infectious human immunodeficiency virus type 1 does not ensure envelope-specific T-helper cell reactivation: influences of cysteine protease and gamma interferon-induced thiol reductase activities. <i>Vaccine Journal</i> , 2008 , 15, 713-9		25
40	Expression of cell surface lectins on activated human lymphoid cells. <i>European Journal of Immunology</i> , 1982 , 12, 570-6	6.1	25
39	Proteasomal degradation within endocytic organelles mediates antigen cross-presentation. <i>EMBO Journal</i> , 2019 , 38, e99266	13	24
38	Endoplasmic reticulum export, subcellular distribution, and fibril formation by Pmel17 require an intact N-terminal domain junction. <i>Journal of Biological Chemistry</i> , 2010 , 285, 16166-83	5.4	22
37	Functional significance of tapasin membrane association and disulfide linkage to ERp57 in MHC class I presentation. <i>European Journal of Immunology</i> , 2009 , 39, 2371-6	6.1	22
36	Intracellular events regulating cross-presentation. <i>Frontiers in Immunology</i> , 2012 , 3, 138	8.4	22
35	An N-linked glycan modulates the interaction between the CD1d heavy chain and beta 2-microglobulin. <i>Journal of Biological Chemistry</i> , 2006 , 281, 40369-78	5.4	22
34	Role of the C-terminal propeptide in the activity and maturation of gamma -interferon-inducible lysosomal thiol reductase (GILT). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 12298-303	11.5	22
33	miRNA-mediated TUSC3 deficiency enhances UPR and ERAD to promote metastatic potential of NSCLC. <i>Nature Communications</i> , 2018 , 9, 5110	17.4	22
32	A mosquito salivary gland protein partially inhibits Plasmodium sporozoite cell traversal and transmission. <i>Nature Communications</i> , 2018 , 9, 2908	17.4	21
31	Invariant chain-MHC class II complexes: always odd and never invariant. <i>Immunology and Cell Biology</i> , 2014 , 92, 471-2	5	21
30	Are ERAD components involved in cross-presentation?. <i>Molecular Immunology</i> , 2015 , 68, 112-5	4.3	20
29	Aggregate formation by ERp57-deficient MHC class I peptide-loading complexes. <i>Traffic</i> , 2007 , 8, 1530-42	4.7	20
28	Viperin interaction with mitochondrial antiviral signaling protein (MAVS) limits viperin-mediated inhibition of the interferon response in macrophages. <i>PLoS ONE</i> , 2017 , 12, e0172236	3.7	20
27	Antigen Processing and Presentation Mechanisms in Myeloid Cells. <i>Microbiology Spectrum</i> , 2016 , 4,	8.9	20
26	MHC class II-restricted presentation of the major house dust mite allergen Der p 1 Is GILT-dependent: implications for allergic asthma. <i>PLoS ONE</i> , 2013 , 8, e51343	3.7	19

25	Thiol oxidation and reduction in MHC-restricted antigen processing and presentation. <i>Immunologic Research</i> , 1999 , 19, 191-200	4.3	18
24	HLA tapasin independence: broader peptide repertoire and HIV control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28232-28238	11.5	18
23	Cell biology. Cutting and pasting antigenic peptides. <i>Science</i> , 2004 , 304, 525-7	33.3	17
22	Three tapasin docking sites in TAP cooperate to facilitate transporter stabilization and heterodimerization. <i>Journal of Immunology</i> , 2014 , 192, 2480-94	5.3	16
21	Cytosolic Processing Governs TAP-Independent Presentation of a Critical Melanoma Antigen. <i>Journal of Immunology</i> , 2018 , 201, 1875-1888	5.3	15
20	Immune recognition of human major histocompatibility antigens: localization by a comprehensive synthetic strategy of the continuous antigenic sites in the first domain of HLA-DR2 beta chain. <i>European Journal of Immunology</i> , 1987 , 17, 497-502	6.1	15
19	A switch in pathogenic mechanism in myelin oligodendrocyte glycoprotein-induced experimental autoimmune encephalomyelitis in IFN- γ -inducible lysosomal thiol reductase-free mice. <i>Journal of Immunology</i> , 2012 , 188, 6001-9	5.3	14
18	Expression of T-lymphoblast-encoded HLA-DR antigens on human T-B lymphoblast hybrids. <i>Immunogenetics</i> , 1983 , 17, 411-25	3.2	14
17	Intrinsic expression of viperin regulates thermogenesis in adipose tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17419-17428	11.5	13
16	Disruption of mosGILT in <i>Anopheles gambiae</i> impairs ovarian development and Plasmodium infection. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	12
15	A personal retrospective on the mechanisms of antigen processing. <i>Immunogenetics</i> , 2019 , 71, 141-160	3.2	11
14	A novel probe to assess cytosolic entry of exogenous proteins. <i>Nature Communications</i> , 2018 , 9, 3104	17.4	11
13	Intracellular regulation of cross-presentation during dendritic cell maturation. <i>PLoS ONE</i> , 2013 , 8, e76803	3.7	9
12	Calreticulin controls the rate of assembly of CD1d molecules in the endoplasmic reticulum. <i>Journal of Biological Chemistry</i> , 2010 , 285, 38283-92	5.4	9
11	Inefficient exogenous loading of a tapasin-dependent peptide onto HLA-B*44:02 can be improved by acid treatment or fixation of target cells. <i>European Journal of Immunology</i> , 2012 , 42, 1417-28	6.1	6
10	Endoplasmic reticulum glycoprotein quality control regulates CD1d assembly and CD1d-mediated antigen presentation. <i>Journal of Biological Chemistry</i> , 2013 , 288, 16391-16402	5.4	6
9	Assembly and transport of class I MHC-peptide complexes. <i>Novartis Foundation Symposium</i> , 1994 , 187, 150-62; discussion 162-9		5
8	In vitro reconstitution of the MHC class I peptide-loading complex. <i>Methods in Molecular Biology</i> , 2013 , 960, 67-79	1.4	3

7	Antigen Processing and Presentation Mechanisms in Myeloid Cells 209-223		2
6	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC 1998, 28, 459		2
5	Editing peptide presentation to T cells. <i>Science</i> , 2017, 358, 992-993	33.3	1
4	Nilabh Shastri (1952-2021). <i>Immunity</i> , 2021, 54, 389-390	32.3	1
3	Calnexin expression does not enhance the generation of MHC class I-peptide complexes 1998, 28, 907		1
2	A congenital disorder of deglycosylation: biochemical characterization of N-glycanase 1 deficiency in patient fibroblasts (607.3). <i>FASEB Journal</i> , 2014, 28, 607.3	0.9	
1	Impact of Calreticulin and Its Mutants on Endoplasmic Reticulum Function in Health and Disease. <i>Progress in Molecular and Subcellular Biology</i> , 2021, 59, 163-180		3