Jacques J C Neefjes

List of Publications by Year
in descending order

307 papers	31,479 citations	3515 90 h-index	4978 167 g-index
321 all docs	321 docs citations	321 times ranked	30492 citing authors

#	Article	IF	Citations
1	Towards a systems understanding of MHC class I and MHC class II antigen presentation. Nature Reviews Immunology, 2011, 11, 823-836.	10.6	1,528
2	Radiation modulates the peptide repertoire, enhances MHC class I expression, and induces successful antitumor immunotherapy. Journal of Experimental Medicine, 2006, 203, 1259-1271.	4.2	1,389
3	Empty MHC class I molecules come out in the cold. Nature, 1990, 346, 476-480.	13.7	905
4	The Rab7 effector protein RILP controls lysosomal transport by inducing the recruitment of dynein-dynactin motors. Current Biology, 2001, 11, 1680-1685.	1.8	667
5	Segregation of MHC class II molecules from MHC class I molecules in the Golgi complex for transport to lysosomal compartments. Nature, 1991, 349, 669-676.	13.7	645
6	Interference with HIV-induced syncytium formation and viral infectivity by inhibitors of trimming glucosidase. Nature, 1987, 330, 74-77.	13.7	628
7	Cholesterol sensor ORP1L contacts the ER protein VAP to control Rab7â€“RILPâ€“p150Glued and late endosome positioning. Journal of Cell Biology, 2009, 185, 1209-1225.	2.3	581
8	Present Yourself! By MHC Class I and MHC Class II Molecules. Trends in Immunology, 2016, 37, 724-737.	2.9	566
9	From fixed to FRAP: measuring protein mobility and activity in living cells. Nature Cell Biology, 2001, 3, E145-E147.	4.6	556
10	Selective and ATP-dependent translocation of peptides by the MHC-encoded transporter. Science, 1993, 261, 769-771.	6.0	521
11	The biosynthetic pathway of MHC class II but not class I molecules intersects the endocytic route. Cell, 1990, 61, 171-183.	13.5	431
12	Direct binding of peptide to empty MHC class I molecules on intact cells and in vitro. Cell, 1990, 62, 563-567.	13.5	415
13	Activation of endosomal dynein motors by stepwise assembly of Rab7â€“RILPâ€“p150Glued, ORP1L, and the receptor Î²III spectrin. Journal of Cell Biology, 2007, 176, 459-471.	2.3	414
14	Cross-presentation by intercellular peptide transfer through gap junctions. Nature, 2005, 434, 83-88.	13.7	401
15	Making sense of mass destruction: quantitating MHC class I antigen presentation. Nature Reviews Immunology, 2003, 3, 952-961.	10.6	377
16	MED12 Controls the Response to Multiple Cancer Drugs through Regulation of TGF-Î² Receptor Signaling. Cell, 2012, 151, 937-950.	13.5	371
17	The major substrates for TAP in vivo are derived from newly synthesized proteins. Nature, 2000, 404, 774-778.	13.7	370
18	Mice lacking the MHC class II-associated invariant chain. Cell, 1993, 72, 635-648.	13.5	360

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19	Selectivity of MHC-encoded peptide transporters from human, mouse and rat. Nature, 1994, 367, 648-651.	13.7	337
20	Cross-Presentation of Glycoprotein 96â€“Associated Antigens on Major Histocompatibility Complex Class I Molecules Requires Receptor-Mediated Endocytosis. Journal of Experimental Medicine, 2000, 191, 1965-1974.	4.2	325
21	Intracellular bacterial growth is controlled by a kinase network around PKB/AKT1. Nature, 2007, 450, 725-730.	13.7	310
22	Drug-induced histone eviction from open chromatin contributes to the chemotherapeutic effects of doxorubicin. Nature Communications, 2013, 4, 1908.	5.8	310
23	Mannose receptor-mediated uptake of antigens strongly enhances HLA class II-restricted antigen presentation by cultured dendritic cells. European Journal of Immunology, 1997, 27, 2426-2435.	1.6	298
24	On Terminal Alkynes That Can React with Active-Site Cysteine Nucleophiles in Proteases. Journal of the American Chemical Society, 2013, 135, 2867-2870.	6.6	290
25	Rab Proteins, Connecting Transport and Vesicle Fusion. Traffic, 2005, 6, 1070-1077.	1.3	275
26	Interleukin-10 Down-Regulates MHC Class II Î±Î² Peptide Complexes at the Plasma Membrane of Monocytes by Affecting Arrival and Recycling. Immunity, 1997, 7, 861-871.	6.6	272
27	Peptide Diffusion, Protection, and Degradation in Nuclear and Cytoplasmic Compartments before Antigen Presentation by MHC Class I. Immunity, 2003, 18, 97-108.	6.6	267
28	Association of Checkpoint Inhibitorâ€“Induced Toxic Effects With Shared Cancer and Tissue Antigens in Nonâ€“Small Cell Lung Cancer. JAMA Oncology, 2019, 5, 1043.	3.4	266
29	Proteasome subunits encoded by the major histocompatibility complex are not essential for antigen presentation. Nature, 1992, 360, 174-177.	13.7	258
30	Peptide selection by MHC class I molecules. Nature, 1991, 350, 703-706.	13.7	257
31	Recycling MHC class I molecules and endosomal peptide loading. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 10326-10331.	3.3	254
32	Accumulation of HLA-DM, a regulator of antigen presentation, in MHC class II compartments. Science, 1994, 266, 1566-1569.	6.0	242
33	Dynamics of proteasome distribution in living cells. EMBO Journal, 1997, 16, 6087-6094.	3.5	242
34	Tamoxifen resistance by a conformational arrest of the estrogen receptor Î± after PKA activation in breast cancer. Cancer Cell, 2004, 5, 597-605.	7.7	241
35	A dynamic ubiquitin equilibrium couples proteasomal activity to chromatin remodeling. Journal of Cell Biology, 2006, 173, 19-26.	2.3	230
36	Allele and locus-specific differences in cell surface expression and the association of HLA class I heavy chain with Î²2-microglobulin: differential effects of inhibition of glycosylation on class I subunit association. European Journal of Immunology, 1988, 18, 801-810.	1.6	229

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37	A Major Role for TPPII in Trimming Proteasomal Degradation Products for MHC Class I Antigen Presentation. Immunity, 2004, 20, 495-506.	6.6	227
38	Quantifying exosome secretion from single cells reveals a modulatory role for GPCR signaling. Journal of Cell Biology, 2018, 217, 1129-1142.	2.3	227
39	Variations in MHC Class II Antigen Processing and Presentation in Health and Disease. Annual Review of Immunology, 2016, 34, 265-297.	9.5	218
40	DNA damage triggers nucleotide excision repair-dependent monoubiquitylation of histone H2A. Genes and Development, 2006, 20, 1343-1352.	2.7	217
41	Inhibition of endosomal proteolytic activity by leupeptin blocks surface expression of MHC class II molecules and their conversion to SDS resistance alpha beta heterodimers in endosomes.. EMBO Journal, 1992, 11, 411-416.	3.5	210
42	Intracellular transport of MHC class II molecules. Trends in Immunology, 1992, 13, 179-184.	7.5	209
43	Multivesicular body morphogenesis requires phosphatidyl-inositol 3-kinase activity. Current Biology, 1999, 9, 55-58.	1.8	203
44	LMP1 association with CD63 in endosomes and secretion via exosomes limits constitutive NF-Î²B activation. EMBO Journal, 2011, 30, 2115-2129.	3.5	201
45	Peptide size selection by the major histocompatibility complex-encoded peptide transporter.. Journal of Experimental Medicine, 1994, 179, 1613-1623.	4.2	197
46	Direct vesicular transport of MHC class II molecules from lysosomal structures to the cell surface.. Journal of Cell Biology, 1996, 135, 611-622.	2.3	197
47	Salmonella Manipulation of Host Signaling Pathways Provokes Cellular Transformation Associated with Gallbladder Carcinoma. Cell Host and Microbe, 2015, 17, 763-774.	5.1	195
48	An ER-Associated Pathway Defines Endosomal Architecture for Controlled Cargo Transport. Cell, 2016, 166, 152-166.	13.5	187
49	A Single Residue Exchange Within a Viral CTL Epitope Alters Proteasome-Mediated Degradation Resulting in Lack of Antigen Presentation. Immunity, 1996, 5, 115-124.	6.6	180
50	Mechanisms of lysosomal positioning and movement. Traffic, 2018, 19, 761-769.	1.3	177
51	Cholesterol and ORP1L-mediated ER contact sites control autophagosome transport and fusion with the endocytic pathway. Nature Communications, 2016, 7, 11808.	5.8	176
52	Moving and positioning the endolysosomal system. Current Opinion in Cell Biology, 2017, 47, 1-8.	2.6	173
53	An improved biochemical method for the analysis of HLA-class I antigens. Definition of new HLA-class I subtypes. Human Immunology, 1986, 16, 169-181.	1.2	168
54	Varicelloviruses avoid T cell recognition by UL49.5-mediated inactivation of the transporter associated with antigen processing. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5144-5149.	3.3	168

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55	A Fluorescent Broad-Spectrum Proteasome Inhibitor for Labeling Proteasomes In Vitro and In Vivo. Chemistry and Biology, 2006, 13, 1217-1226.	6.2	168
56	Association of BMI1 with Polycomb Bodies Is Dynamic and Requires PRC2/EZH2 and the Maintenance DNA Methyltransferase DNMT1. Molecular and Cellular Biology, 2005, 25, 11047-11058.	1.1	162
57	Cell biology of antigen presentation. Current Opinion in Immunology, 1993, 5, 27-34.	2.4	157
58	Antigen degradation or presentation by MHC class I molecules via classical and non-classical pathways. Molecular Immunology, 2002, 39, 181-202.	1.0	157
59	Glutaminyl cyclase is an enzymatic modifier of the CD47- SIRPÎ± axis and a target for cancer immunotherapy. Nature Medicine, 2019, 25, 612-619.	15.2	156
60	HLA-DO is a negative modulator of HLA-DM-mediated MHC class II peptide loading. Current Biology, 1997, 7, 950-957.	1.8	154
61	TAP-translocated peptides specifically bind proteins in the endoplasmic reticulum, including gp96, protein disulfide isomerase and calreticulin. European Journal of Immunology, 1997, 27, 2441-2449.	1.6	154
62	A CD8+ T cell immune evasion protein specific to Epstein-Barr virus and its close relatives in Old World primates. Journal of Experimental Medicine, 2007, 204, 1863-1873.	4.2	154
63	A Genome-wide Multidimensional RNAi Screen Reveals Pathways Controlling MHC Class II Antigen Presentation. Cell, 2011, 145, 268-283.	13.5	151
64	Export of Antigenic Peptides from the Endoplasmic Reticulum Intersects with Retrograde Protein Translocation through the Sec61p Channel. Immunity, 2000, 13, 117-127.	6.6	149
65	Late endosomal transport and tethering are coupled processes controlled by RILP and the cholesterol sensor ORP1L. Journal of Cell Science, 2013, 126, 3462-74.	1.2	149
66	New insights into the activities and toxicities of the old anticancer drug doxorubicin. FEBS Journal, 2021, 288, 6095-6111.	2.2	149
67	Trimming of TAP-translocated peptides in the endoplasmic reticulum and in the cytosol during recycling.. Journal of Experimental Medicine, 1994, 180, 1591-1597.	4.2	147
68	Association Between HLA-DM and HLA-DR In Vivo. Immunity, 1996, 4, 87-96.	6.6	147
69	Old drugs, novel ways out: Drug resistance toward cytotoxic chemotherapeutics. Drug Resistance Updates, 2016, 28, 65-81.	6.5	147
70	Collateral damage: insights into bacterial mechanisms that predispose host cells to cancer. Nature Reviews Microbiology, 2017, 15, 109-128.	13.6	142
71	Bacterial infections and cancer. EMBO Reports, 2018, 19, .	2.0	141
72	Translocation of long peptides by transporters associated with antigen processing (TAP). European Journal of Immunology, 1996, 26, 1720-1728.	1.6	136

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73	RhoB regulates endosome transport by promoting actin assembly on endosomal membranes through Dia1. Journal of Cell Science, 2005, 118, 2661-2670.	1.2	136
74	Complement Is a Central Mediator of Radiotherapy-Induced Tumor-Specific Immunity and Clinical Response. Immunity, 2015, 42, 767-777.	6.6	135
75	MHC class II molecules on the move for successful antigen presentation. EMBO Journal, 2008, 27, 1-5.	3.5	133
76	Major histocompatibility complex class II compartments in human B lymphoblastoid cells are distinct from early endosomes.. Journal of Experimental Medicine, 1995, 182, 325-334.	4.2	127
77	Point mutations in the Î±2 domain of HLA-A2.1 define a functionally relevant interaction with TAP. Current Biology, 1996, 6, 873-883.	1.8	126
78	Translocation of PKCÎ¸ in T cells is mediated by a nonconventional, PI3-Kâ€“ and Vav-dependent pathway, but does not absolutely require phospholipase C. Journal of Cell Biology, 2002, 157, 253-263.	2.3	123
79	The proteasome-specific inhibitor lactacystin blocks presentation of cytotoxic T lymphocyte epitopes in human and murine cells. European Journal of Immunology, 1997, 27, 336-341.	1.6	122
80	A cascading activity-based probe sequentially targets E1â€“E2â€“E3 ubiquitin enzymes. Nature Chemical Biology, 2016, 12, 523-530.	3.9	122
81	The EGFR odyssey â€“ from activation to destruction in space and time. Journal of Cell Science, 2017, 130, 4087-4096.	1.2	120
82	Heterogeneity of Macrophages in the Rat Evidenced by Variability in Determinants: Two New Anti-Rat Macrophage Antibodies Against a Heterodimer of 160 and 95 kd (CD11/CD18). Journal of Leukocyte Biology, 1989, 46, 556-564.	1.5	117
83	Biochemical complexity of serum HLA class I molecules. Immunogenetics, 1988, 27, 203-210.	1.2	113
84	Spatial Separation of HLA-DM/HLA-DR Interactions within MIIC and Phagosome-Induced Immune Escape. Immunity, 2005, 22, 221-233.	6.6	113
85	Fluorescent probes for proteolysis: Tools for drug discovery. Nature Reviews Drug Discovery, 2004, 3, 58-69.	21.5	111
86	PKA-induced resistance to tamoxifen is associated with an altered orientation of ERÎ± towards co-activator SRC-1. EMBO Journal, 2007, 26, 3534-3544.	3.5	110
87	Presentation of Cytosolic Glycosylated Peptides by Human Class I Major Histocompatibility Complex Molecules in Vivo. Journal of Experimental Medicine, 1999, 190, 145-150.	4.2	101
88	An analysis of class I antigens of man and other species by one-dimensional IEF and immunoblotting. Immunogenetics, 1986, 23, 164-171.	1.2	98
89	Peptide selection by MHC-encoded TAP transporters. Current Opinion in Immunology, 1994, 6, 32-37.	2.4	98
90	A Role for Estrogen Receptor Phosphorylation in the Resistance to Tamoxifen. International Journal of Breast Cancer, 2011, 2011, 1-10.	0.6	98

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91	Cholesterol-binding molecules MLN64 and ORP1L mark distinct late endosomes with transporters ABCA3 and NPC1. Journal of Lipid Research, 2013, 54, 2153-2165.	2.0	95
92	Antigen processing by nardilysin and thimet oligopeptidase generates cytotoxic T cell epitopes. Nature Immunology, 2011, 12, 45-53.	7.0	94
93	Increased colon cancer risk after severe Salmonella infection. PLoS ONE, 2018, 13, e0189721.	1.1	94
94	Analysis of the fine specificity of rat, mouse and human TAP peptide transporters. European Journal of Immunology, 1995, 25, 1133-1136.	1.6	93
95	Uncoupling DNA damage from chromatin damage to detoxify doxorubicin. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15182-15192.	3.3	93
96	Recombination-induced tag exchange to track old and new proteins. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 64-68.	3.3	92
97	Major histocompatibility complex class II molecules induce the formation of endocytic MIIC-like structures.. Journal of Cell Biology, 1994, 126, 967-977.	2.3	89
98	Abrogation of CTL Epitope Processing by Single Amino Acid Substitution Flanking the C-Terminal Proteasome Cleavage Site. Journal of Immunology, 2000, 164, 1898-1905.	0.4	88
99	Stuck in traffic: an emerging theme in diseases of the nervous system. Trends in Neurosciences, 2014, 37, 66-76.	4.2	87
100	Interference with T cell receptor-HLA-DR interactions by Epstein-Barr virus gp42 results in reduced T helper cell recognition. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11583-11588.	3.3	86
101	Modulation of the Major Histocompatibility Complex Class IIâ€“Associated Peptide Repertoire by Human Histocompatibility Leukocyte Antigen (Hla)-Do. Journal of Experimental Medicine, 2000, 191, 1127-1136.	4.2	85
102	The first step of peptide selection in antigen presentation by MHC class I molecules. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1505-1510.	3.3	85
103	Characterization of the Mammalian CORVET and HOPS Complexes and Their Modular Restructuring for Endosome Specificity. Journal of Biological Chemistry, 2015, 290, 30280-30290.	1.6	84
104	Gap junction-mediated intercellular communication in the immune system. Progress in Biophysics and Molecular Biology, 2007, 94, 207-218.	1.4	82
105	Opportunities for Small Molecules in Cancer Immunotherapy. Trends in Immunology, 2020, 41, 493-511.	2.9	82
106	Statins Affect Cell-Surface Expression of Major Histocompatibility Complex Class II Molecules by Disrupting Cholesterol-Containing Microdomains. Human Immunology, 2005, 66, 653-665.	1.2	81
107	Rab7 and Rab27a control two motor protein activities involved in melanosomal transport. Pigment Cell & Melanoma Research, 2006, 19, 412-423.	4.0	81
108	B Cell Receptor-Mediated Internalization of Salmonella: A Novel Pathway for Autonomous B Cell Activation and Antibody Production. Journal of Immunology, 2009, 182, 7473-7481.	0.4	81

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109	The hinge region of the human estrogen receptor determines functional synergy between AF-1 and AF-2 in the quantitative response to estradiol and tamoxifen. Journal of Cell Science, 2010, 123, 1253-1261.	1.2	80
110	Small regulators, major consequences â€“ Ca2+ and cholesterol at the endosomeâ€“ER interface. Journal of Cell Science, 2014, 127, 929-38.	1.2	79
111	Profiling Proteasome Activity in Tissue with Fluorescent Probes. Molecular Pharmaceutics, 2007, 4, 739-748.	2.3	78
112	Stop or Go? Endosome Positioning in the Establishment of Compartment Architecture, Dynamics, and Function. Trends in Cell Biology, 2017, 27, 580-594.	3.6	77
113	Specific immune responses restored by alteration in carbohydrate chains of surface molecules on antigen-presenting cells. European Journal of Immunology, 1989, 19, 537-542.	1.6	74
114	Coronin is involved in uptake of Mycobacterium bovis BCG in human macrophages but not in phagosome maintenance. Cellular Microbiology, 2001, 3, 785-793.	1.1	74
115	A peptide's perspective on antigen presentation to the immune system. Nature Chemical Biology, 2013, 9, 769-775.	3.9	72
116	Ubiquitination by the Membrane-associated RING-CH-8 (MARCH-8) Ligase Controls Steady-state Cell Surface Expression of Tumor Necrosis Factor-related Apoptosis Inducing Ligand (TRAIL) Receptor 1*. Journal of Biological Chemistry, 2013, 288, 6617-6628.	1.6	72
117	Folding and assembly of major histocompatibility complex class I heterodimers in the endoplasmic reticulum of intact cells precedes the binding of peptide.. Journal of Experimental Medicine, 1993, 178, 1971-1980.	4.2	71
118	CIIV, MIIC and other compartments for MHC class II loading. European Journal of Immunology, 1999, 29, 1421-1425.	1.6	71
119	Dynein-mediated Vesicle Transport Controls Intracellular Salmonella Replication. Molecular Biology of the Cell, 2004, 15, 2954-2964.	0.9	71
120	On the move: organelle dynamics during mitosis. Trends in Cell Biology, 2015, 25, 112-124.	3.6	71
121	The many roads to cross-presentation. Journal of Experimental Medicine, 2005, 202, 1313-1318.	4.2	70
122	Tight Linkage between Translation and MHC Class I Peptide Ligand Generation Implies Specialized Antigen Processing for Defective Ribosomal Products. Journal of Immunology, 2006, 177, 227-233.	0.4	69
123	Identification of Novel Peptide Binding Proteins in the Endoplasmic Reticulum:Â ERp72, Calnexin, and grp170â€. Biochemistry, 1999, 38, 10559-10566.	1.2	68
124	Varicellovirus UL49.5 Proteins Differentially Affect the Function of the Transporter Associated with Antigen Processing, TAP. PLoS Pathogens, 2008, 4, e1000080.	2.1	68
125	Neuronal ceroid lipofuscinosis protein CLN3 interacts with motor proteins and modifies location of late endosomal compartments. Cellular and Molecular Life Sciences, 2012, 69, 2075-2089.	2.4	68
126	Ubiquitinâ€Based Probes Prepared by Total Synthesis To Profile the Activity of Deubiquitinating Enzymes. ChemBioChem, 2012, 13, 2251-2258.	1.3	67

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127	The UL41-encoded virion host shutoff (vhs) protein and vhs-independent mechanisms are responsible for down-regulation of MHC class I molecules by bovine herpesvirus 1. Journal of General Virology, 2001, 82, 2071-2081.	1.3	64
128	Direct Antigen Presentation and Gap Junction Mediated Cross-Presentation during Apoptosis. Journal of Immunology, 2009, 183, 1083-1090.	0.4	63
129	Chemical profiling of the genome with anti-cancer drugs defines target specificities. Nature Chemical Biology, 2015, 11, 472-480.	3.9	62
130	Visualizing the action of steroid hormone receptors in living cells. Nuclear Receptor Signaling, 2007, 5, nrs.05003.	1.0	60
131	Genome-Wide Identification and Characterization of Novel Factors Conferring Resistance to Topoisomerase II Poisons in Cancer. Cancer Research, 2015, 75, 4176-4187.	0.4	59
132	Definition of Proteasomal Peptide Splicing Rules for High-Efficiency Spliced Peptide Presentation by MHC Class I Molecules. Journal of Immunology, 2015, 195, 4085-4095.	0.4	58
133	USP32 regulates late endosomal transport and recycling through deubiquitylation of Rab7. Nature Communications, 2019, 10, 1454.	5.8	58
134	<scp>SKIP</scp> â€•<scp>HOPS</scp> recruits <scp>TBC</scp> 1D15 for a Rab7â€toâ€Arl8b identity switch to control late endosome transport. EMBO Journal, 2020, 39, e102301.	3.5	58
135	Routes to manipulate MHC class II antigen presentation. Current Opinion in Immunology, 2011, 23, 88-95.	2.4	57
136	Ubiquitin crosstalk connecting cellular processes. Cell Division, 2006, 1, 21.	1.1	56
137	Recycling glycoproteins do not return to the cis-Golgi.. Journal of Cell Biology, 1988, 107, 79-87.	2.3	55
138	Regulation of MHC Class II Antigen Presentation by Sorting of Recycling HLA-DM/DO and Class II within the Multivesicular Body. Journal of Immunology, 2001, 167, 884-892.	0.4	55
139	HFE cross-talks with the MHC class I antigen presentation pathway. Blood, 2005, 106, 971-977.	0.6	55
140	Costimulatory ligand CD70 is delivered to the immunological synapse by shared intracellular trafficking with MHC class II molecules. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5989-5994.	3.3	55
141	Antigen-Specific B Cells Reactivate an Effective Cytotoxic T Cell Response against Phagocytosed Salmonella through Cross-Presentation. PLoS ONE, 2010, 5, e13016.	1.1	55
142	Ras (proto)oncogene induces N-linked carbohydrate modification: temporal relationship with induction of invasive potential.. EMBO Journal, 1988, 7, 3361-3368.	3.5	54
143	Phosphorylation of the oestrogen receptor Î± at serine 305 and prediction of tamoxifen resistance in breast cancer. Journal of Pathology, 2009, 217, 372-379.	2.1	54
144	MHC class I alleles and their exploration of the antigen-processing machinery. Immunological Reviews, 2005, 207, 60-76.	2.8	53

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145	Multiple sclerosis-associated CLEC16A controls HLA class II expression via late endosome biogenesis. Brain, 2015, 138, 1531-1547.	3.7	52
146	A trimeric Rab7 GEF controls NPC1-dependent lysosomal cholesterol export. Nature Communications, 2020, 11, 5559.	5.8	52
147	The SPPL3-Defined Glycosphingolipid Repertoire Orchestrates HLA Class I-Mediated Immune Responses. Immunity, 2021, 54, 132-150.e9.	6.6	52
148	A biochemical characterization of feline MHC products: Unusually high expression of class 11 antigens on peripheral blood lymphocytes. Immunogenetics, 1986, 23, 341-347.	1.2	50
149	The rational design of TAP inhibitors using peptide substrate modifications and peptidomimetics. European Journal of Immunology, 1997, 27, 898-904.	1.6	50
150	Autophagy in MHC Class II Presentation: Sampling from Within. Immunity, 2007, 26, 1-3.	6.6	49
151	PKA-induced phosphorylation of ERÎ± at serine 305 and high PAK1 levels is associated with sensitivity to tamoxifen in ER-positive breast cancer. Breast Cancer Research and Treatment, 2011, 125, 1-12.	1.1	49
152	Human VAPome Analysis Reveals MOSPD1 and MOSPD3 as Membrane Contact Site Proteins Interacting with FFAT-Related FFNT Motifs. Cell Reports, 2020, 33, 108475.	2.9	48
153	Identification of new B27 subtypes (B27C and B27D) prevalent in oriental populations. Human Immunology, 1986, 16, 163-168.	1.2	47
154	Leucine Aminopeptidase Is Not Essential for Trimming Peptides in the Cytosol or Generating Epitopes for MHC Class I Antigen Presentation. Journal of Immunology, 2005, 175, 6605-6614.	0.4	46
155	Drug Discovery Maps, a Machine Learning Model That Visualizes and Predicts Kinomeâ€“Inhibitor Interaction Landscapes. Journal of Chemical Information and Modeling, 2019, 59, 1221-1229.	2.5	46
156	Anthracyclines: biosynthesis, engineering and clinical applications. Natural Product Reports, 2022, 39, 814-841.	5.2	45
157	Headâ€“head/tailâ€“tail relative orientation of the pore-forming domains of the heterodimeric ABC transporter TAP. Current Biology, 2000, 10, 1-7.	1.8	44
158	Small GTP-Binding Protein Ral Modulates Regulated Exocytosis of von Willebrand Factor by Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 899-904.	1.1	44
159	Spatiotemporal analysis of organelle and macromolecular complex inheritance. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 175-180.	3.3	43
160	Multidrug resistance-associated protein 9 (ABCC12) is present in mouse and boar sperm. Biochemical Journal, 2007, 406, 31-40.	1.7	42
161	Total Chemical Synthesis of SUMO and SUMOâ€Based Probes for Profiling the Activity of SUMOâ€Specific Proteases. Angewandte Chemie - International Edition, 2018, 57, 8958-8962.	7.2	42
162	Overexpression of the ABC transporter TAP in multidrug-resistant human cancer cell lines. British Journal of Cancer, 1996, 74, 1961-1967.	2.9	41

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163	Assembled Pre-B Cell Receptor Complexes Are Retained in the Endoplasmic Reticulum by a Mechanism That Is Not Selective for the Pseudo-light Chain. Journal of Biological Chemistry, 1996, 271, 19272-19278.	1.6	40
164	HLA-DM and MHC class II molecules co-distribute with peptidase-containing lysosomal subcompartments. International Immunology, 1996, 8, 625-640.	1.8	40
165	The fate of the three subunits of major histocompatibility complex class I molecules. European Journal of Immunology, 1992, 22, 1609-1614.	1.6	39
166	The Murine Cytomegalovirus pp89 Immunodominant H-2Ld Epitope Is Generated and Translocated into the Endoplasmic Reticulum as an 11-Mer Precursor Peptide. Journal of Immunology, 2001, 167, 1515-1521.	0.4	39
167	Rac and Rab GTPases dual effector Nischarin regulates vesicle maturation to facilitate survival of intracellular bacteria. EMBO Journal, 2013, 32, 713-727.	3.5	39
168	Intracellular transport and peptide loading of MHC class II molecules: regulation by chaperones and motors. Immunological Reviews, 1999, 172, 189-208.	2.8	38
169	Serine-305 Phosphorylation Modulates Estrogen Receptor Alpha Binding to a Coregulator Peptide Array, with Potential Application in Predicting Responses to Tamoxifen. Molecular Cancer Therapeutics, 2012, 11, 805-816.	1.9	38
170	PKA phosphorylation redirects ERÎ± to promoters of a unique gene set to induce tamoxifen resistance. Oncogene, 2013, 32, 3543-3551.	2.6	38
171	An in silicoâ€"in vitro Pipeline Identifying an HLA-A*02:01+ KRAS G12V+ Spliced Epitope Candidate for a Broad Tumor-Immune Response in Cancer Patients. Frontiers in Immunology, 2019, 10, 2572.	2.2	38
172	Cutting Edge: HLA-B27 Acquires Many N-Terminal Dibasic Peptides: Coupling Cytosolic Peptide Stability to Antigen Presentation. Journal of Immunology, 2006, 176, 2697-2701.	0.4	37
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