

Jacques J C Neefjes

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292
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L-index

#	Paper	IF	Citations
292	Radiation modulates the peptide repertoire, enhances MHC class I expression, and induces successful antitumor immunotherapy. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1259-71	16.6	1110
291	Towards a systems understanding of MHC class I and MHC class II antigen presentation. <i>Nature Reviews Immunology</i> , 2011 , 11, 823-36	36.5	1090
290	Empty MHC class I molecules come out in the cold. <i>Nature</i> , 1990 , 346, 476-80	50.4	837
289	Segregation of MHC class II molecules from MHC class I molecules in the Golgi complex for transport to lysosomal compartments. <i>Nature</i> , 1991 , 349, 669-76	50.4	615
288	The Rab7 effector protein RILP controls lysosomal transport by inducing the recruitment of dynein-dynactin motors. <i>Current Biology</i> , 2001 , 11, 1680-5	6.3	572
287	Interference with HIV-induced syncytium formation and viral infectivity by inhibitors of trimming glucosidase. <i>Nature</i> , 1987 , 330, 74-7	50.4	552
286	From fixed to FRAP: measuring protein mobility and activity in living cells. <i>Nature Cell Biology</i> , 2001 , 3, E145-7	23.4	475
285	Selective and ATP-dependent translocation of peptides by the MHC-encoded transporter. <i>Science</i> , 1993 , 261, 769-71	33.3	473
284	Cholesterol sensor ORP1L contacts the ER protein VAP to control Rab7-RILP-p150 Glued and late endosome positioning. <i>Journal of Cell Biology</i> , 2009 , 185, 1209-25	7.3	466
283	The biosynthetic pathway of MHC class II but not class I molecules intersects the endocytic route. <i>Cell</i> , 1990 , 61, 171-83	56.2	397
282	Direct binding of peptide to empty MHC class I molecules on intact cells and in vitro. <i>Cell</i> , 1990 , 62, 563-76	56.2	381
281	Activation of endosomal dynein motors by stepwise assembly of Rab7-RILP-p150Glued, ORP1L, and the receptor betaIII spectrin. <i>Journal of Cell Biology</i> , 2007 , 176, 459-71	7.3	355
280	The major substrates for TAP in vivo are derived from newly synthesized proteins. <i>Nature</i> , 2000 , 404, 774-8	50.4	347
279	Cross-presentation by intercellular peptide transfer through gap junctions. <i>Nature</i> , 2005 , 434, 83-8	50.4	339
278	Mice lacking the MHC class II-associated invariant chain. <i>Cell</i> , 1993 , 72, 635-48	56.2	334
277	Making sense of mass destruction: quantitating MHC class I antigen presentation. <i>Nature Reviews Immunology</i> , 2003 , 3, 952-61	36.5	328
276	MED12 controls the response to multiple cancer drugs through regulation of TGF- β receptor signaling. <i>Cell</i> , 2012 , 151, 937-50	56.2	310

275	Selectivity of MHC-encoded peptide transporters from human, mouse and rat. <i>Nature</i> , 1994 , 367, 648-5150.4	308
274	Present Yourself! By MHC Class I and MHC Class II Molecules. <i>Trends in Immunology</i> , 2016 , 37, 724-737	14.4 308
273	Cross-presentation of glycoprotein 96-associated antigens on major histocompatibility complex class I molecules requires receptor-mediated endocytosis. <i>Journal of Experimental Medicine</i> , 2000 , 191, 1965-74	16.6 297
272	Mannose receptor-mediated uptake of antigens strongly enhances HLA class II-restricted antigen presentation by cultured dendritic cells. <i>European Journal of Immunology</i> , 1997 , 27, 2426-35	6.1 274
271	Interleukin-10 down-regulates MHC class II alphabeta peptide complexes at the plasma membrane of monocytes by affecting arrival and recycling. <i>Immunity</i> , 1997 , 7, 861-71	32.3 254
270	Peptide diffusion, protection, and degradation in nuclear and cytoplasmic compartments before antigen presentation by MHC class I. <i>Immunity</i> , 2003 , 18, 97-108	32.3 249
269	Intracellular bacterial growth is controlled by a kinase network around PKB/AKT1. <i>Nature</i> , 2007 , 450, 725-30	50.4 243
268	Rab proteins, connecting transport and vesicle fusion. <i>Traffic</i> , 2005 , 6, 1070-7	5.7 242
267	Proteasome subunits encoded by the major histocompatibility complex are not essential for antigen presentation. <i>Nature</i> , 1992 , 360, 174-7	50.4 241
266	Recycling MHC class I molecules and endosomal peptide loading. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 10326-31	11.5 238
265	Peptide selection by MHC class I molecules. <i>Nature</i> , 1991 , 350, 703-6	50.4 231
264	Drug-induced histone eviction from open chromatin contributes to the chemotherapeutic effects of doxorubicin. <i>Nature Communications</i> , 2013 , 4, 1908	17.4 230
263	Dynamics of proteasome distribution in living cells. <i>EMBO Journal</i> , 1997 , 16, 6087-94	13 224
262	Accumulation of HLA-DM, a regulator of antigen presentation, in MHC class II compartments. <i>Science</i> , 1994 , 266, 1566-9	33.3 220
261	Tamoxifen resistance by a conformational arrest of the estrogen receptor alpha after PKA activation in breast cancer. <i>Cancer Cell</i> , 2004 , 5, 597-605	24.3 218
260	A major role for TPP1 in trimming proteasomal degradation products for MHC class I antigen presentation. <i>Immunity</i> , 2004 , 20, 495-506	32.3 215
259	A dynamic ubiquitin equilibrium couples proteasomal activity to chromatin remodeling. <i>Journal of Cell Biology</i> , 2006 , 173, 19-26	7.3 212
258	On terminal alkynes that can react with active-site cysteine nucleophiles in proteases. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2867-70	16.4 207

257	Allele and locus-specific differences in cell surface expression and the association of HLA class I heavy chain with beta 2-microglobulin: differential effects of inhibition of glycosylation on class I subunit association. <i>European Journal of Immunology</i> , 1988 , 18, 801-10	6.1	203
256	Intracellular transport of MHC class II molecules. <i>Trends in Immunology</i> , 1992 , 13, 179-84		188
255	Multivesicular body morphogenesis requires phosphatidyl-inositol 3-kinase activity. <i>Current Biology</i> , 1999 , 9, 55-8	6.3	185
254	Direct vesicular transport of MHC class II molecules from lysosomal structures to the cell surface. <i>Journal of Cell Biology</i> , 1996 , 135, 611-22	7.3	184
253	DNA damage triggers nucleotide excision repair-dependent monoubiquitylation of histone H2A. <i>Genes and Development</i> , 2006 , 20, 1343-52	12.6	183
252	Peptide size selection by the major histocompatibility complex-encoded peptide transporter. <i>Journal of Experimental Medicine</i> , 1994 , 179, 1613-23	16.6	181
251	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.. <i>EMBO Journal</i> , 1992 , 11, 411-416	13	173
250	A single residue exchange within a viral CTL epitope alters proteasome-mediated degradation resulting in lack of antigen presentation. <i>Immunity</i> , 1996 , 5, 115-24	32.3	170
249	LMP1 association with CD63 in endosomes and secretion via exosomes limits constitutive NF- κ B activation. <i>EMBO Journal</i> , 2011 , 30, 2115-29	13	160
248	An improved biochemical method for the analysis of HLA-class I antigens. Definition of new HLA-class I subtypes. <i>Human Immunology</i> , 1986 , 16, 169-81	2.3	159
247	Varicelloviruses avoid T cell recognition by UL49.5-mediated inactivation of the transporter associated with antigen processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 5144-9	11.5	150
246	TAP-translocated peptides specifically bind proteins in the endoplasmic reticulum, including gp96, protein disulfide isomerase and calreticulin. <i>European Journal of Immunology</i> , 1997 , 27, 2441-9	6.1	149
245	Association of BMI1 with polycomb bodies is dynamic and requires PRC2/EZH2 and the maintenance DNA methyltransferase DNMT1. <i>Molecular and Cellular Biology</i> , 2005 , 25, 11047-58	4.8	149
244	A fluorescent broad-spectrum proteasome inhibitor for labeling proteasomes in vitro and in vivo. <i>Chemistry and Biology</i> , 2006 , 13, 1217-26		148
243	Association of Checkpoint Inhibitor-Induced Toxic Effects With Shared Cancer and Tissue Antigens in Non-Small Cell Lung Cancer. <i>JAMA Oncology</i> , 2019 , 5, 1043-1047	13.4	147
242	Antigen degradation or presentation by MHC class I molecules via classical and non-classical pathways. <i>Molecular Immunology</i> , 2002 , 39, 181-202	4.3	143
241	HLA-DO is a negative modulator of HLA-DM-mediated MHC class II peptide loading. <i>Current Biology</i> , 1997 , 7, 950-7	6.3	141
240	Association between HLA-DM and HLA-DR in vivo. <i>Immunity</i> , 1996 , 4, 87-96	32.3	140

239	Trimming of TAP-translocated peptides in the endoplasmic reticulum and in the cytosol during recycling. <i>Journal of Experimental Medicine</i> , 1994 , 180, 1591-7	16.6	139
238	Cell biology of antigen presentation. <i>Current Opinion in Immunology</i> , 1993 , 5, 27-34	7.8	138
237	Salmonella Manipulation of Host Signaling Pathways Provokes Cellular Transformation Associated with Gallbladder Carcinoma. <i>Cell Host and Microbe</i> , 2015 , 17, 763-74	23.4	136
236	A CD8+ T cell immune evasion protein specific to Epstein-Barr virus and its close relatives in Old World primates. <i>Journal of Experimental Medicine</i> , 2007 , 204, 1863-73	16.6	135
235	Export of antigenic peptides from the endoplasmic reticulum intersects with retrograde protein translocation through the Sec61p channel. <i>Immunity</i> , 2000 , 13, 117-27	32.3	134
234	Cholesterol and ORP1L-mediated ER contact sites control autophagosome transport and fusion with the endocytic pathway. <i>Nature Communications</i> , 2016 , 7, 11808	17.4	130
233	Late endosomal transport and tethering are coupled processes controlled by RILP and the cholesterol sensor ORP1L. <i>Journal of Cell Science</i> , 2013 , 126, 3462-74	5.3	130
232	Translocation of long peptides by transporters associated with antigen processing (TAP). <i>European Journal of Immunology</i> , 1996 , 26, 1720-8	6.1	127
231	Variations in MHC Class II Antigen Processing and Presentation in Health and Disease. <i>Annual Review of Immunology</i> , 2016 , 34, 265-97	34.7	126
230	An ER-Associated Pathway Defines Endosomal Architecture for Controlled Cargo Transport. <i>Cell</i> , 2016 , 166, 152-66	56.2	126
229	Quantifying exosome secretion from single cells reveals a modulatory role for GPCR signaling. <i>Journal of Cell Biology</i> , 2018 , 217, 1129-1142	7.3	124
228	RhoB regulates endosome transport by promoting actin assembly on endosomal membranes through Dia1. <i>Journal of Cell Science</i> , 2005 , 118, 2661-70	5.3	124
227	Point mutations in the alpha 2 domain of HLA-A2.1 define a functionally relevant interaction with TAP. <i>Current Biology</i> , 1996 , 6, 873-83	6.3	121
226	Old drugs, novel ways out: Drug resistance toward cytotoxic chemotherapeutics. <i>Drug Resistance Updates</i> , 2016 , 28, 65-81	23.2	119
225	Moving and positioning the endolysosomal system. <i>Current Opinion in Cell Biology</i> , 2017 , 47, 1-8	9	117
224	The proteasome-specific inhibitor lactacystin blocks presentation of cytotoxic T lymphocyte epitopes in human and murine cells. <i>European Journal of Immunology</i> , 1997 , 27, 336-41	6.1	117
223	Major histocompatibility complex class II compartments in human B lymphoblastoid cells are distinct from early endosomes. <i>Journal of Experimental Medicine</i> , 1995 , 182, 325-34	16.6	117
222	Translocation of PKC[theta] in T cells is mediated by a nonconventional, PI3-K- and Vav-dependent pathway, but does not absolutely require phospholipase C. <i>Journal of Cell Biology</i> , 2002 , 157, 253-63	7.3	116

221	MHC class II molecules on the move for successful antigen presentation. <i>EMBO Journal</i> , 2008 , 27, 1-5	13	110
220	A Genome-wide multidimensional RNAi screen reveals pathways controlling MHC class II antigen presentation. <i>Cell</i> , 2011 , 145, 268-83	56.2	106
219	Biochemical complexity of serum HLA class I molecules. <i>Immunogenetics</i> , 1988 , 27, 203-10	3.2	104
218	Mechanisms of lysosomal positioning and movement. <i>Traffic</i> , 2018 , 19, 761-769	5.7	103
217	Spatial separation of HLA-DM/HLA-DR interactions within MIIC and phagosome-induced immune escape. <i>Immunity</i> , 2005 , 22, 221-33	32.3	101
216	Collateral damage: insights into bacterial mechanisms that predispose host cells to cancer. <i>Nature Reviews Microbiology</i> , 2017 , 15, 109-128	22.2	99
215	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). <i>Journal of Leukocyte Biology</i> , 1989 , 46, 556-64	6.5	99
214	Complement is a central mediator of radiotherapy-induced tumor-specific immunity and clinical response. <i>Immunity</i> , 2015 , 42, 767-77	32.3	97
213	PKA-induced resistance to tamoxifen is associated with an altered orientation of ERalpha towards co-activator SRC-1. <i>EMBO Journal</i> , 2007 , 26, 3534-44	13	96
212	An analysis of class I antigens of man and other species by one-dimensional IEF and immunoblotting. <i>Immunogenetics</i> , 1986 , 23, 164-71	3.2	94
211	Peptide selection by MHC-encoded TAP transporters. <i>Current Opinion in Immunology</i> , 1994 , 6, 32-7	7.8	92
210	A cascading activity-based probe sequentially targets E1-E2-E3 ubiquitin enzymes. <i>Nature Chemical Biology</i> , 2016 , 12, 523-30	11.7	92
209	Fluorescent probes for proteolysis: tools for drug discovery. <i>Nature Reviews Drug Discovery</i> , 2004 , 3, 58-69	64.1	91
208	Presentation of cytosolic glycosylated peptides by human class I major histocompatibility complex molecules in vivo. <i>Journal of Experimental Medicine</i> , 1999 , 190, 145-50	16.6	88
207	Analysis of the fine specificity of rat, mouse and human TAP peptide transporters. <i>European Journal of Immunology</i> , 1995 , 25, 1133-6	6.1	87
206	Abrogation of CTL epitope processing by single amino acid substitution flanking the C-terminal proteasome cleavage site. <i>Journal of Immunology</i> , 2000 , 164, 1898-905	5.3	85
205	Antigen processing by nardilysin and thimet oligopeptidase generates cytotoxic T cell epitopes. <i>Nature Immunology</i> , 2011 , 12, 45-53	19.1	83
204	Major histocompatibility complex class II molecules induce the formation of endocytic MIIC-like structures. <i>Journal of Cell Biology</i> , 1994 , 126, 967-77	7.3	83

203	Modulation of the major histocompatibility complex class II-associated peptide repertoire by human histocompatibility leukocyte antigen (HLA)-DO. <i>Journal of Experimental Medicine</i> , 2000 , 191, 1127-36	16.6	82
202	The EGFR odyssey - from activation to destruction in space and time. <i>Journal of Cell Science</i> , 2017 , 130, 4087-4096	5.3	81
201	Glutaminyl cyclase is an enzymatic modifier of the CD47- SIRP α axis and a target for cancer immunotherapy. <i>Nature Medicine</i> , 2019 , 25, 612-619	50.5	77
200	Cholesterol-binding molecules MLN64 and ORP1L mark distinct late endosomes with transporters ABCA3 and NPC1. <i>Journal of Lipid Research</i> , 2013 , 54, 2153-2165	6.3	77
199	Small regulators, major consequences - Ca $^{2+}$ and cholesterol at the endosome-ER interface. <i>Journal of Cell Science</i> , 2014 , 127, 929-38	5.3	75
198	A role for estrogen receptor phosphorylation in the resistance to tamoxifen. <i>International Journal of Breast Cancer</i> , 2011 , 2011, 232435	2.3	74
197	Stuck in traffic: an emerging theme in diseases of the nervous system. <i>Trends in Neurosciences</i> , 2014 , 37, 66-76	13.3	71
196	Gap junction-mediated intercellular communication in the immune system. <i>Progress in Biophysics and Molecular Biology</i> , 2007 , 94, 207-18	4.7	71
195	Rab7 and Rab27a control two motor protein activities involved in melanosomal transport. <i>Pigment Cell & Melanoma Research</i> , 2006 , 19, 412-23		71
194	Recombination-induced tag exchange to track old and new proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 64-8	11.5	70
193	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. <i>Journal of Cell Science</i> , 2010 , 123, 1253-61	5.3	69
192	CIIV, MIIC and other compartments for MHC class II loading. <i>European Journal of Immunology</i> , 1999 , 29, 1421-5	6.1	69
191	Folding and assembly of major histocompatibility complex class I heterodimers in the endoplasmic reticulum of intact cells precedes the binding of peptide. <i>Journal of Experimental Medicine</i> , 1993 , 178, 1971-80	16.6	67
190	Specific immune responses restored by alteration in carbohydrate chains of surface molecules on antigen-presenting cells. <i>European Journal of Immunology</i> , 1989 , 19, 537-42	6.1	67
189	Dynein-mediated vesicle transport controls intracellular Salmonella replication. <i>Molecular Biology of the Cell</i> , 2004 , 15, 2954-64	3.5	66
188	The many roads to cross-presentation. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1313-8	16.6	66
187	Statins affect cell-surface expression of major histocompatibility complex class II molecules by disrupting cholesterol-containing microdomains. <i>Human Immunology</i> , 2005 , 66, 653-65	2.3	65
186	Interference with T cell receptor-HLA-DR interactions by Epstein-Barr virus gp42 results in reduced T helper cell recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 11583-8	11.5	65

185	Tight linkage between translation and MHC class I peptide ligand generation implies specialized antigen processing for defective ribosomal products. <i>Journal of Immunology</i> , 2006 , 177, 227-33	5.3	64
184	Coronin is involved in uptake of Mycobacterium bovis BCG in human macrophages but not in phagosome maintenance. <i>Cellular Microbiology</i> , 2001 , 3, 785-93	3.9	64
183	Identification of novel peptide binding proteins in the endoplasmic reticulum: ERp72, calnexin, and grp170. <i>Biochemistry</i> , 1999 , 38, 10559-66	3.2	64
182	Characterization of the Mammalian CORVET and HOPS Complexes and Their Modular Restructuring for Endosome Specificity. <i>Journal of Biological Chemistry</i> , 2015 , 290, 30280-90	5.4	62
181	B cell receptor-mediated internalization of salmonella: a novel pathway for autonomous B cell activation and antibody production. <i>Journal of Immunology</i> , 2009 , 182, 7473-81	5.3	61
180	Varicellovirus UL 49.5 proteins differentially affect the function of the transporter associated with antigen processing, TAP. <i>PLoS Pathogens</i> , 2008 , 4, e1000080	7.6	61
179	Bacterial infections and cancer. <i>EMBO Reports</i> , 2018 , 19,	6.5	60
178	Neuronal ceroid lipofuscinosis protein CLN3 interacts with motor proteins and modifies location of late endosomal compartments. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 2075-89	10.3	59
177	Profiling proteasome activity in tissue with fluorescent probes. <i>Molecular Pharmaceutics</i> , 2007 , 4, 739-48	5.6	59
176	Ubiquitin-based probes prepared by total synthesis to profile the activity of deubiquitinating enzymes. <i>ChemBioChem</i> , 2012 , 13, 2251-8	3.8	57
175	Increased colon cancer risk after severe Salmonella infection. <i>PLoS ONE</i> , 2018 , 13, e0189721	3.7	56
174	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. <i>Journal of Biological Chemistry</i> , 2013 , 288, 6617-28	5.4	55
173	A peptide perspective on antigen presentation to the immune system. <i>Nature Chemical Biology</i> , 2013 , 9, 769-75	11.7	54
172	Direct antigen presentation and gap junction mediated cross-presentation during apoptosis. <i>Journal of Immunology</i> , 2009 , 183, 1083-90	5.3	54
171	Routes to manipulate MHC class II antigen presentation. <i>Current Opinion in Immunology</i> , 2011 , 23, 88-95	7.8	54
170	Stop or Go? Endosome Positioning in the Establishment of Compartment Architecture, Dynamics, and Function. <i>Trends in Cell Biology</i> , 2017 , 27, 580-594	18.3	53
169	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. <i>Journal of General Virology</i> , 2001 , 82, 2071-2081	4.9	53
168	Genome-Wide Identification and Characterization of Novel Factors Conferring Resistance to Topoisomerase II Poisons in Cancer. <i>Cancer Research</i> , 2015 , 75, 4176-87	10.1	52

167	On the move: organelle dynamics during mitosis. <i>Trends in Cell Biology</i> , 2015 , 25, 112-24	18.3	50
166	Visualizing the action of steroid hormone receptors in living cells. <i>Nuclear Receptor Signaling</i> , 2007 , 5, e003	1	50
165	MHC class I alleles and their exploration of the antigen-processing machinery. <i>Immunological Reviews</i> , 2005 , 207, 60-76	11.3	50
164	Regulation of MHC class II antigen presentation by sorting of recycling HLA-DM/DO and class II within the multivesicular body. <i>Journal of Immunology</i> , 2001 , 167, 884-92	5.3	50
163	Recycling glycoproteins do not return to the cis-Golgi. <i>Journal of Cell Biology</i> , 1988 , 107, 79-87	7.3	50
162	Definition of Proteasomal Peptide Splicing Rules for High-Efficiency Spliced Peptide Presentation by MHC Class I Molecules. <i>Journal of Immunology</i> , 2015 , 195, 4085-95	5.3	49
161	Phosphorylation of the oestrogen receptor alpha at serine 305 and prediction of tamoxifen resistance in breast cancer. <i>Journal of Pathology</i> , 2009 , 217, 372-9	9.4	49
160	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, 1505-10	11.5	48
159	Costimulatory ligand CD70 is delivered to the immunological synapse by shared intracellular trafficking with MHC class II molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 5989-94	11.5	47
158	A biochemical characterization of feline MHC products: unusually high expression of class II antigens on peripheral blood lymphocytes. <i>Immunogenetics</i> , 1986 , 23, 341-7	3.2	46
157	PKA-induced phosphorylation of ER α at serine 305 and high PAK1 levels is associated with sensitivity to tamoxifen in ER-positive breast cancer. <i>Breast Cancer Research and Treatment</i> , 2011 , 125, 1-12	4.4	45
156	The rational design of TAP inhibitors using peptide substrate modifications and peptidomimetics. <i>European Journal of Immunology</i> , 1997 , 27, 898-904	6.1	45
155	HFE cross-talks with the MHC class I antigen presentation pathway. <i>Blood</i> , 2005 , 106, 971-7	2.2	45
154	Identification of new B27 subtypes (B27C and B27D) prevalent in oriental populations. <i>Human Immunology</i> , 1986 , 16, 163-8	2.3	45
153	Ras (proto)oncogene induces N-linked carbohydrate modification: temporal relationship with induction of invasive potential.. <i>EMBO Journal</i> , 1988 , 7, 3361-3368	13	44
152	Autophagy in MHC class II presentation: sampling from within. <i>Immunity</i> , 2007 , 26, 1-3	32.3	43
151	Leucine aminopeptidase is not essential for trimming peptides in the cytosol or generating epitopes for MHC class I antigen presentation. <i>Journal of Immunology</i> , 2005 , 175, 6605-14	5.3	43
150	Antigen-specific B cells reactivate an effective cytotoxic T cell response against phagocytosed Salmonella through cross-presentation. <i>PLoS ONE</i> , 2010 , 5, e13016	3.7	43

149	Chemical profiling of the genome with anti-cancer drugs defines target specificities. <i>Nature Chemical Biology</i> , 2015 , 11, 472-80	11.7	42
148	Ubiquitin crosstalk connecting cellular processes. <i>Cell Division</i> , 2006 , 1, 21	2.8	42
147	Multiple sclerosis-associated CLEC16A controls HLA class II expression via late endosome biogenesis. <i>Brain</i> , 2015 , 138, 1531-47	11.2	41
146	Head-head/tail-tail relative orientation of the pore-forming domains of the heterodimeric ABC transporter TAP. <i>Current Biology</i> , 2000 , 10, 1-7	6.3	41
145	HLA-DM and MHC class II molecules co-distribute with peptidase-containing lysosomal subcompartments. <i>International Immunology</i> , 1996 , 8, 625-40	4.9	40
144	Multidrug resistance-associated protein 9 (ABCC12) is present in mouse and boar sperm. <i>Biochemical Journal</i> , 2007 , 406, 31-40	3.8	40
143	Small GTP-binding protein Ral modulates regulated exocytosis of von Willebrand factor by endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 899-904	9.4	40
142	Opportunities for Small Molecules in Cancer Immunotherapy. <i>Trends in Immunology</i> , 2020 , 41, 493-511	14.4	38
141	New insights into the activities and toxicities of the old anticancer drug doxorubicin. <i>FEBS Journal</i> , 2021 , 288, 6095-6111	5.7	38
140	Uncoupling DNA damage from chromatin damage to detoxify doxorubicin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15182-15192	11.5	37
139	The murine cytomegalovirus pp89 immunodominant H-2Ld epitope is generated and translocated into the endoplasmic reticulum as an 11-mer precursor peptide. <i>Journal of Immunology</i> , 2001 , 167, 1515-21	5.3	37
138	Overexpression of the ABC transporter TAP in multidrug-resistant human cancer cell lines. <i>British Journal of Cancer</i> , 1996 , 74, 1961-7	8.7	37
137	The fate of the three subunits of major histocompatibility complex class I molecules. <i>European Journal of Immunology</i> , 1992 , 22, 1609-14	6.1	37
136	Cutting edge: HLA-B27 acquires many N-terminal dibasic peptides: coupling cytosolic peptide stability to antigen presentation. <i>Journal of Immunology</i> , 2006 , 176, 2697-701	5.3	36
135	Assembled pre-B cell receptor complexes are retained in the endoplasmic reticulum by a mechanism that is not selective for the pseudo-light chain. <i>Journal of Biological Chemistry</i> , 1996 , 271, 19272-8	5.4	36
134	Spatiotemporal analysis of organelle and macromolecular complex inheritance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 175-80	11.5	35
133	Serine-305 phosphorylation modulates estrogen receptor alpha binding to a coregulator peptide array, with potential application in predicting responses to tamoxifen. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 805-16	6.1	33
132	Intracellular transport and peptide loading of MHC class II molecules: regulation by chaperones and motors. <i>Immunological Reviews</i> , 1999 , 172, 189-208	11.3	33

131	PKA phosphorylation redirects ER to promoters of a unique gene set to induce tamoxifen resistance. <i>Oncogene</i> , 2013 , 32, 3543-51	9.2	32
130	The Immunoproteasome Cleans up after Inflammation. <i>Cell</i> , 2010 , 142, 517-8	56.2	32
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