Jacques J C Neefjes

List of Publications by Year in Descending Order

292 papers	25,879 citations	86 h-index	154 g-index
321 ext. papers	28,856 ext. citations	11.7 avg, IF	6.87 L-index

#	Paper	IF	Citations
292	Induction of Fatigue by Specific Anthracycline Cancer Drugs through Disruption of the Circadian Pacemaker. *Cancers*, **2022**, 14, 2421	6.6	
291	Anthracyclines: biosynthesis, engineering and clinical applications.. *Natural Product Reports*, **2021**,	15.1	2
290	Keratinocyte differentiation antigen-specific T cells in immune checkpoint inhibitor-treated NSCLC patients are associated with improved survival. *OncoImmunology*, **2021**, 10, 2006893	7.2	1
289	New insights into the activities and toxicities of the old anticancer drug doxorubicin. *FEBS Journal*, **2021**, 288, 6095-6111	5.7	38
288	The SPPL3-Defined Glycosphingolipid Repertoire Orchestrates HLA Class I-Mediated Immune Responses. *Immunity*, **2021**, 54, 132-150.e9	32.3	14
287	What the VAP: The Expanded VAP Family of Proteins Interacting With FFAT and FFAT-Related Motifs for Interorganellar Contact. *Contact (Thousand Oaks (Ventura County, Calif))*, **2021**, 4, 25152564211012246	2.6	2
286	Mobile late endosomes modulate peripheral endoplasmic reticulum network architecture. *EMBO Reports*, **2021**, 22, e50815	6.5	5
285	Synthetic (,-Dimethyl)doxorubicin Glycosyl Diastereomers to Dissect Modes of Action of Anthracycline Anticancer Drugs. *Journal of Organic Chemistry*, **2021**, 86, 5757-5770	4.2	4
284	Response: Commentary: An Pipeline Identifying an HLA-A*02:01+ KRAS G12V+ Spliced Epitope Candidate for a Broad Tumor-Immune Response in Cancer Patients. *Frontiers in Immunology*, **2021**, 12, 679836	8.4	5
283	Occupational exposure and risk of colon cancer: a nationwide registry study with emphasis on occupational exposure to zoonotic gastrointestinal pathogens. *BMJ Open*, **2021**, 11, e050611	3	1
282	Playing hide and seek: Tumor cells in control of MHC class I antigen presentation. *Molecular Immunology*, **2021**, 136, 36-44	4.3	6
281	Retrofusion of intralumenal MVB membranes parallels viral infection and coexists with exosome release. *Current Biology*, **2021**, 31, 3884-3893.e4	6.3	5
280	The ER-embedded UBE2J1/RNF26 ubiquitylation complex exerts spatiotemporal control over the endolysosomal pathway. *Cell Reports*, **2021**, 34, 108659	10.6	6
279	Association between infection and colon cancer: a nationwide registry-based cohort study. *Epidemiology and Infection*, **2021**, 149, e56	4.3	7
278	Spatially resolved sampling of the human oral cavity for metabolic profiling.. *STAR Protocols*, **2021**, 2, 101002	1.4	
277	Bacterial and Parasitic Pathogens as Risk Factors for Cancers in the Gastrointestinal Tract: A Review of Current Epidemiological Knowledge.. *Frontiers in Microbiology*, **2021**, 12, 790256	5.7	2
276	Human VAPome Analysis Reveals MOSPD1 and MOSPD3 as Membrane Contact Site Proteins Interacting with FFAT-Related FFNT Motifs. *Cell Reports*, **2020**, 33, 108475	10.6	22

275	A trimeric Rab7 GEF controls NPC1-dependent lysosomal cholesterol export. *Nature Communications*, **2020**, 11, 5559	17.4	17
274	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	11.5	37
273	SKIP-HOPS recruits TBC1D15 for a Rab7-to-Arl8b identity switch to control late endosome transport. *EMBO Journal*, **2020**, 39, e102301	13	23
272	Immunoproteasome Inhibitor-Doxorubicin Conjugates Target Multiple Myeloma Cells and Release Doxorubicin upon Low-Dose Photon Irradiation. *Journal of the American Chemical Society*, **2020**, 142, 7250-7253	16.4	13
271	The journey of Ca through the cell - pulsing through the network of ER membrane contact sites. *Journal of Cell Science*, **2020**, 133,	5.3	10
270	Opportunities for Small Molecules in Cancer Immunotherapy. *Trends in Immunology*, **2020**, 41, 493-511	14.4	38
269	Doxorubicin and Aclarubicin: Shuffling Anthracycline Glycans for Improved Anticancer Agents. *Journal of Medicinal Chemistry*, **2020**, 63, 12814-12829	8.3	12
268	A brief report on combination chemotherapy and anti-programmed death (ligand) 1 treatment in small-cell lung cancer: Did we choose the optimal chemotherapy backbone?. *European Journal of Cancer*, **2020**, 137, 40-44	7.5	2
267	Invariant chain regulates endosomal fusion and maturation through an interaction with the SNARE Vti1b. *Journal of Cell Science*, **2020**, 133,	5.3	2
266	Towards an understanding of C9orf82 protein/CAAP1 function. *PLoS ONE*, **2019**, 14, e0210526	3.7	2
265	Association of Checkpoint Inhibitor-Induced Toxic Effects With Shared Cancer and Tissue Antigens in Non-Small Cell Lung Cancer. *JAMA Oncology*, **2019**, 5, 1043-1047	13.4	147
264	Homeostasis of soluble proteins and the proteasome post nuclear envelope reformation in mitosis. *Journal of Cell Science*, **2019**, 132,	5.3	3
263	Glutaminyl cyclase is an enzymatic modifier of the CD47- SIRP axis and a target for cancer immunotherapy. *Nature Medicine*, **2019**, 25, 612-619	50.5	77
262	USP32 regulates late endosomal transport and recycling through deubiquitylation of Rab7. *Nature Communications*, **2019**, 10, 1454	17.4	29
261	The labyrinth unfolds: architectural rearrangements of the endolysosomal system in antigen-presenting cells. *Current Opinion in Immunology*, **2019**, 58, 1-8	7.8	7
260	Production and Thermal Exchange of Conditional Peptide-MHC I Multimers. *Current Protocols in Immunology*, **2019**, 126, e85	4	7
259	Occupational risk of salmonellosis and campylobacteriosis: a nationwide population-based registry study. *Occupational and Environmental Medicine*, **2019**, 76, 617-624	2.1	1
258	Modulation of TAP-dependent antigen compartmentalization during human monocyte-to-DC differentiation. *Blood Advances*, **2019**, 3, 839-850	7.8	6

257	An Pipeline Identifying an HLA-A02:01 KRAS G12V Spliced Epitope Candidate for a Broad Tumor-Immune Response in Cancer Patients. *Frontiers in Immunology*, **2019**, 10, 2572	8.4	26
256	Comprehensive structure-activity-relationship of azaindoles as highly potent FLT3 inhibitors. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 692-699	3.4	3
255	Loss of the GPI-anchor in B-lymphoblastic leukemia by epigenetic downregulation of PIGH expression. *American Journal of Hematology*, **2019**, 94, 93-102	7.1	4
254	Drug Discovery Maps, a Machine Learning Model That Visualizes and Predicts Kinome-Inhibitor Interaction Landscapes. *Journal of Chemical Information and Modeling*, **2019**, 59, 1221-1229	6.1	23
253	A flexible MHC class I multimer loading system for large-scale detection of antigen-specific T cells. *Journal of Experimental Medicine*, **2018**, 215, 1493-1504	16.6	22
252	Antigen Presentation: Visualizing the MHC Class I Peptide-Loading Bottleneck. *Current Biology*, **2018**, 28, R83-R86	6.3	2
251	Quantifying exosome secretion from single cells reveals a modulatory role for GPCR signaling. *Journal of Cell Biology*, **2018**, 217, 1129-1142	7.3	124
250	Comprehensive Pharmacogenomic Profiling of Malignant Pleural Mesothelioma Identifies a Subgroup Sensitive to FGFR Inhibition. *Clinical Cancer Research*, **2018**, 24, 84-94	12.9	20
249	Chemical Profiling of Primary Mesothelioma Cultures Defines Subtypes with Different Expression Profiles and Clinical Responses. *Clinical Cancer Research*, **2018**, 24, 1761-1770	12.9	11
248	Creating molecules that modulate immune responses. *Nature Reviews Chemistry*, **2018**, 2, 184-193	34.6	11
247	Chemical and genetic control of IFN□nduced MHCII expression. *EMBO Reports*, **2018**, 19,	6.5	7
246	TBC1D5 controls the GTPase cycle of Rab7b. *Journal of Cell Science*, **2018**, 131,	5.3	21
245	Trophoblast Glycoprotein is Associated With a Favorable Outcome for Mesothelioma and a Target for Antibody Drug Conjugates. *Journal of Thoracic Oncology*, **2018**, 13, 1577-1587	8.9	3
244	Ultrastructural Imaging of Salmonella-Host Interactions Using Super-resolution Correlative Light-Electron Microscopy of Bioorthogonal Pathogens. *ChemBioChem*, **2018**, 19, 1766	3.8	13
243	Mechanisms of lysosomal positioning and movement. *Traffic*, **2018**, 19, 761-769	5.7	103
242	Increased colon cancer risk after severe Salmonella infection. *PLoS ONE*, **2018**, 13, e0189721	3.7	56
241	Sponge-supported cultures of primary head and neck tumors for an optimized preclinical model. *Oncotarget*, **2018**, 9, 25034-25047	3.3	6
240	Bacterial infections and cancer. *EMBO Reports*, **2018**, 19,	6.5	60

239	Total Chemical Synthesis of SUMO and SUMO-Based Probes for Profiling the Activity of SUMO-Specific Proteases. *Angewandte Chemie - International Edition*, **2018**, 57, 8958-8962	16.4	29
238	Total Chemical Synthesis of SUMO and SUMO-Based Probes for Profiling the Activity of SUMO-Specific Proteases. *Angewandte Chemie*, **2018**, 130, 9096-9100	3.6	6
237	Moving and positioning the endolysosomal system. *Current Opinion in Cell Biology*, **2017**, 47, 1-8	9	117
236	Stop or Go? Endosome Positioning in the Establishment of Compartment Architecture, Dynamics, and Function. *Trends in Cell Biology*, **2017**, 27, 580-594	18.3	53
235	Collateral damage: insights into bacterial mechanisms that predispose host cells to cancer. *Nature Reviews Microbiology*, **2017**, 15, 109-128	22.2	99
234	Identification of a novel ATM inhibitor with cancer cell specific radiosensitization activity. *Oncotarget*, **2017**, 8, 73925-73937	3.3	14
233	The EGFR odyssey - from activation to destruction in space and time. *Journal of Cell Science*, **2017**, 130, 4087-4096	5.3	81
232	Old drugs, novel ways out: Drug resistance toward cytotoxic chemotherapeutics. *Drug Resistance Updates*, **2016**, 28, 65-81	23.2	119
231	Cholesterol and ORP1L-mediated ER contact sites control autophagosome transport and fusion with the endocytic pathway. *Nature Communications*, **2016**, 7, 11808	17.4	130
230	Variations in MHC Class II Antigen Processing and Presentation in Health and Disease. *Annual Review of Immunology*, **2016**, 34, 265-97	34.7	126
229	A catalogue of treatment and technologies for malignant pleural mesothelioma. *Expert Review of Anticancer Therapy*, **2016**, 16, 455-63	3.5	11
228	Immunoproteasomes and immunotherapy-a smoking gun for lung cancer?. *Journal of Thoracic Disease*, **2016**, 8, E558-63	2.6	5
227	An ER-Associated Pathway Defines Endosomal Architecture for Controlled Cargo Transport. *Cell*, **2016**, 166, 152-66	56.2	126
226	A cascading activity-based probe sequentially targets E1-E2-E3 ubiquitin enzymes. *Nature Chemical Biology*, **2016**, 12, 523-30	11.7	92
225	Photo-crosslinking of clinically relevant kinases using H89-derived photo-affinity probes. *Molecular BioSystems*, **2016**, 12, 1809-17		1
224	Present Yourself! By MHC Class I and MHC Class II Molecules. *Trends in Immunology*, **2016**, 37, 724-737	14.4	308
223	Human B cells promote T-cell plasticity to optimize antibody response by inducing coexpression of T(H)1/T(FH) signatures. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 1053-1060	11.5	23
222	Multiple sclerosis-associated CLEC16A controls HLA class II expression via late endosome biogenesis. *Brain*, **2015**, 138, 1531-47	11.2	41

221	Complement is a central mediator of radiotherapy-induced tumor-specific immunity and clinical response. *Immunity*, **2015**, 42, 767-77	32.3	97
220	Chemical profiling of the genome with anti-cancer drugs defines target specificities. *Nature Chemical Biology*, **2015**, 11, 472-80	11.7	42
219	Characterization of the Mammalian CORVET and HOPS Complexes and Their Modular Restructuring for Endosome Specificity. *Journal of Biological Chemistry*, **2015**, 290, 30280-90	5.4	62
218	Genome-Wide Identification and Characterization of Novel Factors Conferring Resistance to Topoisomerase II Poisons in Cancer. *Cancer Research*, **2015**, 75, 4176-87	10.1	52
217	Protein Kinase A-induced tamoxifen resistance is mediated by anchoring protein AKAP13. *BMC Cancer*, **2015**, 15, 588	4.8	20
216	On the move: organelle dynamics during mitosis. *Trends in Cell Biology*, **2015**, 25, 112-24	18.3	50
215	Expanding the peptidome for immunotherapy. *Blood*, **2015**, 126, 1154-6	2.2	0
214	ER contact sites direct late endosome transport. *BioEssays*, **2015**, 37, 1298-302	4.1	24
213	Salmonella Manipulation of Host Signaling Pathways Provokes Cellular Transformation Associated with Gallbladder Carcinoma. *Cell Host and Microbe*, **2015**, 17, 763-74	23.4	136
212	Definition of Proteasomal Peptide Splicing Rules for High-Efficiency Spliced Peptide Presentation by MHC Class I Molecules. *Journal of Immunology*, **2015**, 195, 4085-95	5.3	49
211	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, 1505-10	11.5	48
210	N-terminal acetylation and replicative age affect proteasome localization and cell fitness during aging. *Journal of Cell Science*, **2015**, 128, 109-17	5.3	31
209	Feasibility of Primary Tumor Culture Models and Preclinical Prediction Assays for Head and Neck Cancer: A Narrative Review. *Cancers*, **2015**, 7, 1716-42	6.6	9
208	Chemical biology of antigen presentation by MHC molecules. *Current Opinion in Immunology*, **2014**, 26, 21-31	7.8	23
207	Stuck in traffic: an emerging theme in diseases of the nervous system. *Trends in Neurosciences*, **2014** , 37, 66-76	13.3	71
206	Cowpox virus protein CPXV012 eludes CTLs by blocking ATP binding to TAP. *Journal of Immunology*, **2014**, 193, 1578-89	5.3	26
205	Integrating chemical and genetic silencing strategies to identify host kinase-phosphatase inhibitor networks that control bacterial infection. *ACS Chemical Biology*, **2014**, 9, 414-22	4.9	7
204	The curative outcome of radioimmunotherapy in a mouse breast cancer model relies on mTOR signaling. *Radiation Research*, **2014**, 182, 219-29	3.1	24

203	How chemistry supports cell biology: the chemical toolbox at your service. *Trends in Cell Biology*, **2014**, 24, 751-60	18.3	25
202	Small regulators, major consequences - Ca2+ and cholesterol at the endosome-ER interface. *Journal of Cell Science*, **2014**, 127, 929-38	5.3	75
201	Rac and Rab GTPases dual effector Nischarin regulates vesicle maturation to facilitate survival of intracellular bacteria. *EMBO Journal*, **2013**, 32, 713-27	13	27
200	Exploring genome-wide datasets of MHC class II antigen presentation. *Molecular Immunology*, **2013**, 55, 172-4	4.3	3
199	A peptideR perspective on antigen presentation to the immune system. *Nature Chemical Biology*, **2013**, 9, 769-75	11.7	54
198	How to target MHC class II into the MIIC compartment. *Molecular Immunology*, **2013**, 55, 162-5	4.3	9
197	Assaying peptide translocation by the peptide transporter TAP. *Methods in Molecular Biology*, **2013**, 960, 53-65	1.4	
196	On terminal alkynes that can react with active-site cysteine nucleophiles in proteases. *Journal of the American Chemical Society*, **2013**, 135, 2867-70	16.4	207
195	Spatiotemporal analysis of organelle and macromolecular complex inheritance. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 175-80	11.5	35
194	PKA phosphorylation redirects ER to promoters of a unique gene set to induce tamoxifen resistance. *Oncogene*, **2013**, 32, 3543-51	9.2	32
193	Recombination-induced tag exchange (RITE) cassette series to monitor protein dynamics in Saccharomyces cerevisiae. *G3: Genes, Genomes, Genetics*, **2013**, 3, 1261-72	3.2	12
192	Late endosomal transport and tethering are coupled processes controlled by RILP and the cholesterol sensor ORP1L. *Journal of Cell Science*, **2013**, 126, 3462-74	5.3	130
191	Cholesterol-binding molecules MLN64 and ORP1L mark distinct late endosomes with transporters ABCA3 and NPC1. *Journal of Lipid Research*, **2013**, 54, 2153-2165	6.3	77
190	Drug-induced histone eviction from open chromatin contributes to the chemotherapeutic effects of doxorubicin. *Nature Communications*, **2013**, 4, 1908	17.4	230
189	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, 6617-28	5.4	55
188	Studying MHC class II transport in dendritic cells. *Methods in Molecular Biology*, **2013**, 960, 489-507	1.4	1
187	Tollip plays a role in the biogenesis of MHC class II compartment. *Molecular Immunology*, **2012**, 51, 15	4.3	
186	A multi-dimensional RNAi screen reveals pathways controlling MHC Class II antigen presentation. *Molecular Immunology*, **2012**, 51, 27	4.3	

185	MED12 controls the response to multiple cancer drugs through regulation of TGF-□receptor signaling. *Cell*, **2012**, 151, 937-50	56.2	310
184	Ubiquitin-based probes prepared by total synthesis to profile the activity of deubiquitinating enzymes. *ChemBioChem*, **2012**, 13, 2251-8	3.8	57
183	Into the intracellular logistics of cross-presentation. *Frontiers in Immunology*, **2012**, 3, 31	8.4	17
182	Neuronal ceroid lipofuscinosis protein CLN3 interacts with motor proteins and modifies location of late endosomal compartments. *Cellular and Molecular Life Sciences*, **2012**, 69, 2075-89	10.3	59
181	Expression, purification and assembly of soluble multimeric MHC class II-invariant chain complexes. *FEBS Letters*, **2012**, 586, 1318-24	3.8	8
180	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, 805-16	6.1	33
179	Dynamics within tetraspanin pairs affect MHC class II expression. *Journal of Cell Science*, **2012**, 125, 328-39	5.3	29
178	Selective infection of antigen-specific B lymphocytes by Salmonella mediates bacterial survival and systemic spreading of infection. *PLoS ONE*, **2012**, 7, e50667	3.7	22
177	A Genome-wide multidimensional RNAi screen reveals pathways controlling MHC class II antigen presentation. *Cell*, **2011**, 145, 268-83	56.2	106
176	Antigen processing by nardilysin and thimet oligopeptidase generates cytotoxic T cell epitopes. *Nature Immunology*, **2011**, 12, 45-53	19.1	83
175	Towards a systems understanding of MHC class I and MHC class II antigen presentation. *Nature Reviews Immunology*, **2011**, 11, 823-36	36.5	1090
174	LMP1 association with CD63 in endosomes and secretion via exosomes limits constitutive NF-B activation. *EMBO Journal*, **2011**, 30, 2115-29	13	160
173	PKA-induced phosphorylation of ER□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	4.4	45
172	Routes to manipulate MHC class II antigen presentation. *Current Opinion in Immunology*, **2011**, 23, 88-95	7.8	54
171	A role for estrogen receptor phosphorylation in the resistance to tamoxifen. *International Journal of Breast Cancer*, **2011**, 2011, 232435	2.3	74
170	Mechanical forces used for cell fractionation can create hybrid membrane vesicles. *International Journal of Biological Sciences*, **2010**, 6, 649-54	11.2	3
169	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, 1253-61	5.3	69
168	The invariant chain transports TNF family member CD70 to MHC class II compartments in dendritic cells. *Journal of Cell Science*, **2010**, 123, 3817-27	5.3	21

167	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, 64-8	11.5	70
166	The Immunoproteasome Cleans up after Inflammation. *Cell*, **2010**, 142, 517-8	56.2	32
165	Coupled for cross-presentation in tumor immunotherapy. *Science Translational Medicine*, **2010**, 2, 44ps40	17.5	4
164	Antigen-specific B cells reactivate an effective cytotoxic T cell response against phagocytosed Salmonella through cross-presentation. *PLoS ONE*, **2010**, 5, e13016	3.7	43
163	Direct antigen presentation and gap junction mediated cross-presentation during apoptosis. *Journal of Immunology*, **2009**, 183, 1083-90	5.3	54
162	Gap junction communication between autologous endothelial and tumor cells induce cross-recognition and elimination by specific CTL. *Journal of Immunology*, **2009**, 182, 2654-64	5.3	25
161	Resistance to antiestrogen arzoxifene is mediated by overexpression of cyclin D1. *Molecular Endocrinology*, **2009**, 23, 1335-45		24
160	B cell receptor-mediated internalization of salmonella: a novel pathway for autonomous B cell activation and antibody production. *Journal of Immunology*, **2009**, 182, 7473-81	5.3	61
159	Cholesterol sensor ORP1L contacts the ER protein VAP to control Rab7-RILP-p150 Glued and late endosome positioning. *Journal of Cell Biology*, **2009**, 185, 1209-25	7.3	466
158	Phosphorylation of the oestrogen receptor alpha at serine 305 and prediction of tamoxifen resistance in breast cancer. *Journal of Pathology*, **2009**, 217, 372-9	9.4	49
157	Detection of aberrant transcription of major histocompatibility complex class II antigen presentation genes in chronic lymphocytic leukaemia identifies HLA-DOA mRNA as a prognostic factor for survival. *British Journal of Haematology*, **2009**, 145, 334-43	4.5	20
156	Recent and new targets for small molecule anti-cancer agents. *Drug Discovery Today: Technologies*, **2009**, 6, e1-e40	7.1	7
155	MHC class II molecules on the move for successful antigen presentation. *EMBO Journal*, **2008**, 27, 1-5	13	110
154	Reciprocal chemical genetics for swift lead and target identification. *Molecular BioSystems*, **2008**, 4, 1001-8		2
153	Puromycin-sensitive aminopeptidase limits MHC class I presentation in dendritic cells but does not affect CD8 T cell responses during viral infections. *Journal of Immunology*, **2008**, 180, 1704-12	5.3	29
152	Varicellovirus UL 49.5 proteins differentially affect the function of the transporter associated with antigen processing, TAP. *PLoS Pathogens*, **2008**, 4, e1000080	7.6	61
151	Profiling proteasome activity in tissue with fluorescent probes. *Molecular Pharmaceutics*, **2007**, 4, 739-48	5.6	59
150	Visualizing the action of steroid hormone receptors in living cells. *Nuclear Receptor Signaling*, **2007**, 5, e003	1	50

149	PKA-induced resistance to tamoxifen is associated with an altered orientation of ERalpha towards co-activator SRC-1. *EMBO Journal*, **2007**, 26, 3534-44	13	96
148	Intracellular bacterial growth is controlled by a kinase network around PKB/AKT1. *Nature*, **2007**, 450, 725-30	50.4	243
147	Gap junction-mediated intercellular communication in the immune system. *Progress in Biophysics and Molecular Biology*, **2007**, 94, 207-18	4.7	71
146	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, 1863-73	16.6	135
145	Multidrug resistance-associated protein 9 (ABCC12) is present in mouse and boar sperm. *Biochemical Journal*, **2007**, 406, 31-40	3.8	40
144	Classification of anti-estrogens according to intramolecular FRET effects on phospho-mutants of estrogen receptor alpha. *Molecular Cancer Therapeutics*, **2007**, 6, 1526-33	6.1	26
143	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, 5989-94	11.5	47
142	Activation of endosomal dynein motors by stepwise assembly of Rab7-RILP-p150Glued, ORP1L, and the receptor betalll spectrin. *Journal of Cell Biology*, **2007**, 176, 459-71	7.3	355
141	Autophagy in MHC class II presentation: sampling from within. *Immunity*, **2007**, 26, 1-3	32.3	43
140	DNA damage triggers nucleotide excision repair-dependent monoubiquitylation of histone H2A. *Genes and Development*, **2006**, 20, 1343-52	12.6	183
139	A dynamic ubiquitin equilibrium couples proteasomal activity to chromatin remodeling. *Journal of Cell Biology*, **2006**, 173, 19-26	7.3	212
138	Tight linkage between translation and MHC class I peptide ligand generation implies specialized antigen processing for defective ribosomal products. *Journal of Immunology*, **2006**, 177, 227-33	5.3	64
137	Radiation modulates the peptide repertoire, enhances MHC class I expression, and induces successful antitumor immunotherapy. *Journal of Experimental Medicine*, **2006**, 203, 1259-71	16.6	1110
136	Cutting edge: HLA-B27 acquires many N-terminal dibasic peptides: coupling cytosolic peptide stability to antigen presentation. *Journal of Immunology*, **2006**, 176, 2697-701	5.3	36
135	The complex route to MHC class I-peptide complexes. *Cell*, **2006**, 127, 249-51	56.2	12
134	A splice variant of RILP induces lysosomal clustering independent of dynein recruitment. *Biochemical and Biophysical Research Communications*, **2006**, 344, 747-56	3.4	6
133	Ubiquitin crosstalk connecting cellular processes. *Cell Division*, **2006**, 1, 21	2.8	42
132	Rab7 and Rab27a control two motor protein activities involved in melanosomal transport. *Pigment Cell & Melanoma Research*, **2006**, 19, 412-23		71

131	A fluorescent broad-spectrum proteasome inhibitor for labeling proteasomes in vitro and in vivo. *Chemistry and Biology*, **2006**, 13, 1217-26		148
130	Chaperoning antigen presentation by MHC class II molecules and their role in oncogenesis. *Advances in Cancer Research*, **2005**, 93, 129-58	5.9	11
129	Presenting antigen presentation in living cells using biophysical techniques. *Current Opinion in Microbiology*, **2005**, 8, 338-43	7.9	5
128	Spatial separation of HLA-DM/HLA-DR interactions within MIIC and phagosome-induced immune escape. *Immunity*, **2005**, 22, 221-33	32.3	101
127	Statins affect cell-surface expression of major histocompatibility complex class II molecules by disrupting cholesterol-containing microdomains. *Human Immunology*, **2005**, 66, 653-65	2.3	65
126	HFE cross-talks with the MHC class I antigen presentation pathway. *Blood*, **2005**, 106, 971-7	2.2	45
125	Cross-presentation by intercellular peptide transfer through gap junctions. *Nature*, **2005**, 434, 83-8	50.4	339
124	Rab proteins, connecting transport and vesicle fusion. *Traffic*, **2005**, 6, 1070-7	5.7	242
123	MHC class I alleles and their exploration of the antigen-processing machinery. *Immunological Reviews*, **2005**, 207, 60-76	11.3	50
122	RhoB regulates endosome transport by promoting actin assembly on endosomal membranes through Dia1. *Journal of Cell Science*, **2005**, 118, 2661-70	5.3	124
121	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, 6605-14	5.3	43
120	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, 5144-9	11.5	150
119	Association of BMI1 with polycomb bodies is dynamic and requires PRC2/EZH2 and the maintenance DNA methyltransferase DNMT1. *Molecular and Cellular Biology*, **2005**, 25, 11047-58	4.8	149
118	The many roads to cross-presentation. *Journal of Experimental Medicine*, **2005**, 202, 1313-8	16.6	66
117	Dynein-mediated vesicle transport controls intracellular Salmonella replication. *Molecular Biology of the Cell*, **2004**, 15, 2954-64	3.5	66
116	Fluorescent probes for proteolysis: tools for drug discovery. *Nature Reviews Drug Discovery*, **2004**, 3, 58-69	64.1	91
115	Tamoxifen resistance by a conformational arrest of the estrogen receptor alpha after PKA activation in breast cancer. *Cancer Cell*, **2004**, 5, 597-605	24.3	218
114	A major role for TPPII in trimming proteasomal degradation products for MHC class I antigen presentation. *Immunity*, **2004**, 20, 495-506	32.3	215

113	Bovine herpesvirus 1 interferes with TAP-dependent peptide transport and intracellular trafficking of MHC class I molecules in human cells. *Archives of Virology*, **2003**, 148, 2023-37	2.6	27
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1	A trimeric Rab7 GEF controls NPC1-dependent lysosomal cholesterol export		1