

# Clifford V Harding

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139  
papers

10,593  
citations

56  
h-index

100  
g-index

193  
ext. papers

11,709  
ext. citations

7  
avg, IF

6.06  
L-index

#	Paper	IF	Citations
139	Initial assessment of $\beta$ synuclein structure in platelets. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2021</b> , 1	5.1	1
138	COVID-19 and Cardiovascular Disease: From Bench to Bedside. <i>Circulation Research</i> , <b>2021</b> , 128, 1214-1236	5.7	57
137	Arrhythmias in Cardiac Sarcoidosis Bench to Bedside: A Case-Based Review. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2021</b> , 14, e009203	6.4	4
136	Upregulation of Local Hepcidin Contributes to Iron Accumulation in Alzheimer's Disease Brains. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 82, 1487-1497	4.3	4
135	Guidance for Rebooting Electrophysiology Through the COVID-19 Pandemic From the Heart Rhythm Society and the American Heart Association Electrocardiography and Arrhythmias Committee of the Council on Clinical Cardiology. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008999	6.4	2
134	Molecular Detection of SARS-CoV-2 Infection in FFPE Samples and Histopathologic Findings in Fatal SARS-CoV-2 Cases. <i>American Journal of Clinical Pathology</i> , <b>2020</b> , 154, 190-200	1.9	60
133	Toll-Like Receptor 2-Tpl2-Dependent ERK Signaling Drives Inverse Interleukin 12 Regulation in Dendritic Cells and Macrophages. <i>Infection and Immunity</i> , <b>2020</b> , 89,	3.7	2
132	SARS-CoV-2 and ACE2: The biology and clinical data settling the ARB and ACEI controversy. <i>EBioMedicine</i> , <b>2020</b> , 58, 102907	8.8	75
131	Use of a whole-cell ELISA to detect additional antibodies in setting of suspected heparin-induced thrombocytopenia. <i>European Journal of Haematology</i> , <b>2019</b> , 103, 99-106	3.8	1
130	$\beta$ Synuclein concentration increases over time in plasma supernatant of single donor platelets. <i>European Journal of Haematology</i> , <b>2018</b> , 101, 630	3.8	5
129	Mycobacterium tuberculosis Lipoprotein and Lipoglycan Binding to Toll-Like Receptor 2 Correlates with Agonist Activity and Functional Outcomes. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	15
128	Exosomes derived from HIV-1-infected cells promote growth and progression of cancer via HIV TAR RNA. <i>Nature Communications</i> , <b>2018</b> , 9, 4585	17.4	43
127	Ultrastructural changes in peripheral blood leukocytes in $\beta$ synuclein knockout mice. <i>Blood Cells, Molecules, and Diseases</i> , <b>2018</b> , 73, 33-37	2.1	8
126	Membrane Vesicles Inhibit T Cell Activation. <i>Journal of Immunology</i> , <b>2017</b> , 198, 2028-2037	5.3	41
125	Proteomics and Network Analyses Reveal Inhibition of Akt-mTOR Signaling in CD4 T Cells by Mycobacterium tuberculosis Mannose-Capped Lipoarabinomannan. <i>Proteomics</i> , <b>2017</b> , 17, 1700233	4.8	8
124	History and Outcomes of 50 Years of Physician-Scientist Training in Medical Scientist Training Programs. <i>Academic Medicine</i> , <b>2017</b> , 92, 1390-1398	3.9	61
123	A rapid, automated surface protein profiling of single circulating exosomes in human blood. <i>Scientific Reports</i> , <b>2016</b> , 6, 36502	4.9	95

122	A critical role for alpha-synuclein in development and function of T lymphocytes. <i>Immunobiology</i> , <b>2016</b> , 221, 333-40	3.4	43
121	Mannose-Capped Lipoarabinomannan from Mycobacterium tuberculosis Induces CD4+ T Cell Anergy via GRAIL. <i>Journal of Immunology</i> , <b>2016</b> , 196, 691-702	5.3	27
120	Extracellular vesicles and infectious diseases: new complexity to an old story. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 1181-9	15.9	145
119	Responsiveness to IL-7 but not to IFN- $\gamma$ s diminished in CD4+ T cells from treated HIV infected patients who experience poor CD4+ T-cell recovery. <i>Aids</i> , <b>2016</b> , 30, 2033-42	3.5	13
118	Bacterial Membrane Vesicles Mediate the Release of Mycobacterium tuberculosis Lipoglycans and Lipoproteins from Infected Macrophages. <i>Journal of Immunology</i> , <b>2015</b> , 195, 1044-53	5.3	75
117	Toll-like receptor 2-dependent extracellular signal-regulated kinase signaling in Mycobacterium tuberculosis-infected macrophages drives anti-inflammatory responses and inhibits Th1 polarization of responding T cells. <i>Infection and Immunity</i> , <b>2015</b> , 83, 2242-54	3.7	69
116	Interferon- $\gamma$ inhibits CD4 T cell responses to interleukin-7 and interleukin-2 and selectively interferes with Akt signaling. <i>Journal of Leukocyte Biology</i> , <b>2015</b> , 97, 1139-46	6.5	12
115	Novel quorum-quenching agents promote methicillin-resistant Staphylococcus aureus (MRSA) wound healing and sensitize MRSA to $\beta$ -lactam antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 1512-8	5.9	27
114	ERK Signaling Is Essential for Macrophage Development. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140064	3.7	37
113	MyD88-dependent interplay between myeloid and endothelial cells in the initiation and progression of obesity-associated inflammatory diseases. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 887-907	16.6	50
112	Late stages of hematopoiesis and B cell lymphopoiesis are regulated by $\beta$ -synuclein, a key player in Parkinson's disease. <i>Immunobiology</i> , <b>2014</b> , 219, 836-44	3.4	38
111	Mycobacterium tuberculosis lipoprotein LprG binds lipoarabinomannan and determines its cell envelope localization to control phagolysosomal fusion. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004471	7.6	50
110	TLR2 engagement on CD4(+) T cells enhances effector functions and protective responses to Mycobacterium tuberculosis. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 1410-21	6.1	27
109	Plasmacytoid dendritic cells mediate synergistic effects of HIV and lipopolysaccharide on CD27+ IgD- memory B cell apoptosis. <i>Journal of Virology</i> , <b>2014</b> , 88, 11430-41	6.6	13
108	Circulating CD4(+) and CD8(+) T cells are activated in inflammatory bowel disease and are associated with plasma markers of inflammation. <i>Immunology</i> , <b>2013</b> , 140, 87-97	7.8	90
107	Exosomes: looking back three decades and into the future. <i>Journal of Cell Biology</i> , <b>2013</b> , 200, 367-71	7.3	282
106	Impaired T-cell responses to sphingosine-1-phosphate in HIV-1 infected lymph nodes. <i>Blood</i> , <b>2013</b> , 121, 2914-22	2.2	29
105	Interferon- $\beta$ is the primary plasma type-I IFN in HIV-1 infection and correlates with immune activation and disease markers. <i>PLoS ONE</i> , <b>2013</b> , 8, e56527	3.7	114

104	B Cell Development Is Regulated By $\alpha$ -Synuclein, a Key Player In Parkinson's Disease. <i>Blood</i> , <b>2013</b> , 122, 785-785	2.2	2
103	Mycobacterium tuberculosis ManLAM inhibits T-cell-receptor signaling by interference with ZAP-70, Lck and LAT phosphorylation. <i>Cellular Immunology</i> , <b>2012</b> , 275, 98-105	4.4	43
102	Rv2468c, a novel Mycobacterium tuberculosis protein that costimulates human CD4+ T cells through VLA-5. <i>Journal of Leukocyte Biology</i> , <b>2012</b> , 91, 311-20	6.5	6
101	Type I IFN drives a distinctive dendritic cell maturation phenotype that allows continued class II MHC synthesis and antigen processing. <i>Journal of Immunology</i> , <b>2012</b> , 188, 3116-26	5.3	95
100	TLR2 signaling depletes IRAK1 and inhibits induction of type I IFN by TLR7/9. <i>Journal of Immunology</i> , <b>2012</b> , 188, 1019-26	5.3	33
99	Genetically associated CD16(+)/56(-) natural killer cell interferon (IFN)- $\beta$ expression regulates signaling and is implicated in IFN- $\beta$ -induced hepatitis C virus decline. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 205, 1131-41	7	8
98	Interferon-alpha administration enhances CD8+ T cell activation in HIV infection. <i>PLoS ONE</i> , <b>2012</b> , 7, e30306	3.7	37
97	Presentation of soluble antigens to CD8+ T cells by CpG oligodeoxynucleotide-primed human naive B cells. <i>Journal of Immunology</i> , <b>2011</b> , 186, 2080-6	5.3	26
96	Mycobacterium tuberculosis lipoproteins directly regulate human memory CD4(+) T cell activation via Toll-like receptors 1 and 2. <i>Infection and Immunity</i> , <b>2011</b> , 79, 663-73	3.7	56
95	Mycobacterium tuberculosis lipoprotein LprG (Rv1411c) binds triacylated glycolipid agonists of Toll-like receptor 2. <i>Nature Structural and Molecular Biology</i> , <b>2010</b> , 17, 1088-95	17.6	93
94	Regulation of antigen presentation by Mycobacterium tuberculosis: a role for Toll-like receptors. <i>Nature Reviews Microbiology</i> , <b>2010</b> , 8, 296-307	22.2	275
93	Mycobacterial lipoprotein activates autophagy via TLR2/1/CD14 and a functional vitamin D receptor signalling. <i>Cellular Microbiology</i> , <b>2010</b> , 12, 1648-65	3.9	192
92	Mycobacterium tuberculosis promotes HIV trans-infection and suppresses major histocompatibility complex class II antigen processing by dendritic cells. <i>Journal of Virology</i> , <b>2010</b> , 84, 8549-60	6.6	19
91	Mycobacterium tuberculosis synergizes with ATP to induce release of microvesicles and exosomes containing major histocompatibility complex class II molecules capable of antigen presentation. <i>Infection and Immunity</i> , <b>2010</b> , 78, 5116-25	3.7	85
90	CpG-B oligodeoxynucleotides inhibit TLR-dependent and -independent induction of type I IFN in dendritic cells. <i>Journal of Immunology</i> , <b>2010</b> , 184, 3367-76	5.3	17
89	Mycobacterium tuberculosis and TLR2 agonists inhibit induction of type I IFN and class I MHC antigen cross processing by TLR9. <i>Journal of Immunology</i> , <b>2010</b> , 185, 2405-15	5.3	59
88	Differential effects of hepatitis C virus JFH1 on human myeloid and plasmacytoid dendritic cells. <i>Journal of Virology</i> , <b>2009</b> , 83, 5693-707	6.6	28
87	P2X7 receptor-stimulated secretion of MHC class II-containing exosomes requires the ASC/NLRP3 inflammasome but is independent of caspase-1. <i>Journal of Immunology</i> , <b>2009</b> , 182, 5052-62	5.3	113

86	Mycobacterium tuberculosis cell wall glycolipids directly inhibit CD4+ T-cell activation by interfering with proximal T-cell-receptor signaling. <i>Infection and Immunity</i> , <b>2009</b> , 77, 4574-83	3.7	39
85	Mycobacterium bovis BCG decreases MHC-II expression in vivo on murine lung macrophages and dendritic cells during aerosol infection. <i>Cellular Immunology</i> , <b>2009</b> , 254, 94-104	4.4	48
84	TLR2 and its co-receptors determine responses of macrophages and dendritic cells to lipoproteins of Mycobacterium tuberculosis. <i>Cellular Immunology</i> , <b>2009</b> , 258, 29-37	4.4	120
83	MHC molecules and microbial antigen processing in phagosomes. <i>Current Opinion in Immunology</i> , <b>2009</b> , 21, 98-104	7.8	60
82	Desensitization to type I interferon in HIV-1 infection correlates with markers of immune activation and disease progression. <i>Blood</i> , <b>2009</b> , 113, 5497-505	2.2	40
81	Mycobacterium tuberculosis lipoprotein-induced association of TLR2 with protein kinase C zeta in lipid rafts contributes to reactive oxygen species-dependent inflammatory signalling in macrophages. <i>Cellular Microbiology</i> , <b>2008</b> , 10, 1893-905	3.9	54
80	Antigen processing and CD24 expression determine antigen presentation by splenic CD4+ and CD8+ dendritic cells. <i>Immunology</i> , <b>2008</b> , 123, 447-55	7.8	21
79	Impaired naive and memory B-cell responsiveness to TLR9 stimulation in human immunodeficiency virus infection. <i>Journal of Virology</i> , <b>2008</b> , 82, 7837-45	6.6	34
78	Modulation of pulmonary dendritic cell function during mycobacterial infection. <i>Infection and Immunity</i> , <b>2008</b> , 76, 671-7	3.7	15
77	TLR9 stimulation drives naïve B cells to proliferate and to attain enhanced antigen presenting function. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 2205-13	6.1	115
76	Intracellular signalling cascades regulating innate immune responses to Mycobacteria: branching out from Toll-like receptors. <i>Cellular Microbiology</i> , <b>2007</b> , 9, 1087-98	3.9	211
75	CCAAT/enhancer-binding protein beta and delta binding to CIITA promoters is associated with the inhibition of CIITA expression in response to Mycobacterium tuberculosis 19-kDa lipoprotein. <i>Journal of Immunology</i> , <b>2007</b> , 179, 6910-8	5.3	53
74	Human -defensin-3 activates professional antigen-presenting cells via Toll-like receptors 1 and 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 18631-5	11.5	280
73	CpG-B ODNs potently induce low levels of IFN- $\alpha$ and induce IFN- $\alpha$ -dependent MHC-I cross-presentation in DCs as effectively as CpG-A and CpG-C ODNs. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 81, 1075-85	6.5	31
72	Modulation of naive CD4+ T-cell responses to an airway antigen during pulmonary mycobacterial infection. <i>Infection and Immunity</i> , <b>2007</b> , 75, 2260-8	3.7	12
71	gp96 leads the way for toll-like receptors. <i>Immunity</i> , <b>2007</b> , 26, 141-3	32.3	11
70	Class II MHC antigen presentation defect in neonatal monocytes is not correlated with decreased MHC-II expression. <i>Cellular Immunology</i> , <b>2006</b> , 243, 96-106	4.4	22
69	Interferon- $\alpha$ differentially rescues CD4 and CD8 T cells from apoptosis in HIV infection. <i>Aids</i> , <b>2006</b> , 20, 1379-89	3.5	31

68	Phagosomal Processing of Mycobacterium tuberculosis Antigen 85B Is Modulated Independently of Mycobacterial Viability and Phagosome Maturation. <i>Infection and Immunity</i> , <b>2006</b> , 74, 802-802	3.7	78
67	Role of phagosomes and major histocompatibility complex class II (MHC-II) compartment in MHC-II antigen processing of Mycobacterium tuberculosis in human macrophages. <i>Infection and Immunity</i> , <b>2006</b> , 74, 1621-30	3.7	34
66	Mycobacterium tuberculosis 19-kDa lipoprotein inhibits IFN-gamma-induced chromatin remodeling of MHC2TA by TLR2 and MAPK signaling. <i>Journal of Immunology</i> , <b>2006</b> , 176, 4323-30	5.3	173
65	The mycobacterial 38-kilodalton glycolipoprotein antigen activates the mitogen-activated protein kinase pathway and release of proinflammatory cytokines through Toll-like receptors 2 and 4 in human monocytes. <i>Infection and Immunity</i> , <b>2006</b> , 74, 2686-96	3.7	117
64	Phosphatidylinositol mannoside from Mycobacterium tuberculosis binds alpha5beta1 integrin (VLA-5) on CD4+ T cells and induces adhesion to fibronectin. <i>Journal of Immunology</i> , <b>2006</b> , 177, 2959-68	5.3	31
63	Mycobacterium tuberculosis LprA is a lipoprotein agonist of TLR2 that regulates innate immunity and APC function. <i>Journal of Immunology</i> , <b>2006</b> , 177, 422-9	5.3	166
62	Interferon- $\alpha$ mediates partial control of early pulmonary Mycobacterium bovis bacillus Calmette-Guérin infection. <i>Immunology</i> , <b>2006</b> , 118, 39-49	7.8	30
61	Synthesis and immunological properties of N-modified GM3 antigens as therapeutic cancer vaccines. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 875-83	8.3	102
60	Development of immune-complex glomerulonephritis in athymic mice: T cells are not required for the genesis of glomerular injury. <i>Laboratory Investigation</i> , <b>2005</b> , 85, 354-63	5.9	3
59	Mycobacterium tuberculosis heat shock fusion protein enhances class I MHC cross-processing and -presentation by B lymphocytes. <i>Journal of Immunology</i> , <b>2005</b> , 174, 5209-14	5.3	45
58	Mouse endothelial cells cross-present lymphocyte-derived antigen on class I MHC via a TAP1- and proteasome-dependent pathway. <i>Journal of Immunology</i> , <b>2005</b> , 174, 7711-5	5.3	43
57	Enhancement of dendritic cell antigen cross-presentation by CpG DNA involves type I IFN and stabilization of class I MHC mRNA. <i>Journal of Immunology</i> , <b>2005</b> , 175, 2244-51	5.3	50
56	Impaired monocyte maturation in response to CpG oligodeoxynucleotide is related to viral RNA levels in human immunodeficiency virus disease and is at least partially mediated by deficiencies in alpha/beta interferon responsiveness and production. <i>Journal of Virology</i> , <b>2005</b> , 79, 4109-19	6.6	34
55	Phagosomal processing of Mycobacterium tuberculosis antigen 85B is modulated independently of mycobacterial viability and phagosome maturation. <i>Infection and Immunity</i> , <b>2005</b> , 73, 1097-105	3.7	35
54	Bacterial heat shock proteins enhance class II MHC antigen processing and presentation of chaperoned peptides to CD4+ T cells. <i>Journal of Immunology</i> , <b>2004</b> , 173, 5130-7	5.3	75
53	Mycobacterium tuberculosis LprG (Rv1411c): a novel TLR-2 ligand that inhibits human macrophage class II MHC antigen processing. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2660-8	5.3	200
52	Bacterial heat shock proteins promote CD91-dependent class I MHC cross-presentation of chaperoned peptide to CD8+ T cells by cytosolic mechanisms in dendritic cells versus vacuolar mechanisms in macrophages. <i>Journal of Immunology</i> , <b>2004</b> , 172, 5277-86	5.3	97
51	Prolonged toll-like receptor signaling by Mycobacterium tuberculosis and its 19-kilodalton lipoprotein inhibits gamma interferon-induced regulation of selected genes in macrophages. <i>Infection and Immunity</i> , <b>2004</b> , 72, 6603-14	3.7	137



50	Inhibition of major histocompatibility complex II expression and antigen processing in murine alveolar macrophages by Mycobacterium bovis BCG and the 19-kilodalton mycobacterial lipoprotein. <i>Infection and Immunity</i> , <b>2004</b> , 72, 2101-10	3.7	88
49	Inhibition of IFN-gamma-induced class II transactivator expression by a 19-kDa lipoprotein from Mycobacterium tuberculosis: a potential mechanism for immune evasion. <i>Journal of Immunology</i> , <b>2003</b> , 171, 175-84	5.3	202
48	T-cell hybridomas from HLA-transgenic mice as tools for analysis of human antigen processing. <i>Journal of Immunological Methods</i> , <b>2003</b> , 281, 129-42	2.5	39
47	Localization of peptide/MHC class II complexes in macrophages following antigen processing of viable Streptococcus pyogenes. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 2353-60	6.1	11
46	Interaction of bacteria with antigen presenting cells: influences on antigen presentation and antibacterial immunity. <i>Current Opinion in Immunology</i> , <b>2003</b> , 15, 112-9	7.8	44
45	The Mycobacterium tuberculosis 19-kilodalton lipoprotein inhibits gamma interferon-regulated HLA-DR and Fc gamma R1 on human macrophages through Toll-like receptor 2. <i>Infection and Immunity</i> , <b>2003</b> , 71, 4487-97	3.7	137
44	CCR5 promoter polymorphism determines macrophage CCR5 density and magnitude of HIV-1 propagation in vitro. <i>Clinical Immunology</i> , <b>2003</b> , 108, 234-40	9	77
43	Tapasin <sup>-/-</sup> and TAP1 <sup>-/-</sup> macrophages are deficient in vacuolar alternate class I MHC (MHC-I) processing due to decreased MHC-I stability at phagolysosomal pH. <i>Journal of Immunology</i> , <b>2003</b> , 170, 5825-33	5.3	42
42	CpG DNA induces a class II transactivator-independent increase in class II MHC by stabilizing class II MHC mRNA in B lymphocytes. <i>Journal of Immunology</i> , <b>2003</b> , 171, 2320-5	5.3	13
41	Antigen processing of the heptavalent pneumococcal conjugate vaccine carrier protein CRM(197) differs depending on the serotype of the attached polysaccharide. <i>Infection and Immunity</i> , <b>2003</b> , 71, 4186-9	3.7	21
40	Alternate class I MHC antigen processing is inhibited by Toll-like receptor signaling pathogen-associated molecular patterns: Mycobacterium tuberculosis 19-kDa lipoprotein, CpG DNA, and lipopolysaccharide. <i>Journal of Immunology</i> , <b>2003</b> , 171, 1413-22	5.3	75
39	Differences in antigen processing with haplotype-mismatched MHC class II heterodimers: Aalpha(d)Abeta(b) heterodimers participate in early endosomal processing. <i>European Journal of Immunology</i> , <b>2002</b> , 32, 2726-36	6.1	
38	Phosphoantigen presentation by macrophages to mycobacterium tuberculosis--reactive Vgamma9Vdelta2+ T cells: modulation by chloroquine. <i>Infection and Immunity</i> , <b>2002</b> , 70, 4019-27	3.7	32
37	ATP and control of intracellular growth of mycobacteria by T cells. <i>Infection and Immunity</i> , <b>2002</b> , 70, 6456-9		26
36	Regulation of class II MHC expression in APCs: roles of types I, III, and IV class II transactivator. <i>Journal of Immunology</i> , <b>2002</b> , 169, 1326-33	5.3	80
35	Systemic deficits in transporter for antigen presentation (TAP)-1 or proteasome subunit LMP2 have little or no effect on tumor incidence. <i>International Journal of Cancer</i> , <b>2001</b> , 91, 366-72	7.5	28
34	Clinical and biologic heterogeneity of hereditary nonpolyposis colorectal cancer. <i>International Journal of Cancer</i> , <b>2001</b> , 95, 323-8	7.5	17
33	Mycobacterium tuberculosis 19-kDa lipoprotein promotes neutrophil activation. <i>Journal of Immunology</i> , <b>2001</b> , 167, 1542-9	5.3	72

32	Differential expression of interleukin-2 and gamma interferon in human immunodeficiency virus disease. <i>Journal of Virology</i> , <b>2001</b> , 75, 9983-5	6.6	43
31	CD4(+) and CD8(+) T cells kill intracellular Mycobacterium tuberculosis by a perforin and Fas/Fas ligand-independent mechanism. <i>Journal of Immunology</i> , <b>2001</b> , 167, 2734-42	5.3	154
30	Neutrophils process exogenous bacteria via an alternate class I MHC processing pathway for presentation of peptides to T lymphocytes. <i>Journal of Immunology</i> , <b>2001</b> , 167, 2538-46	5.3	100
29	Processing of exogenous antigens for presentation by class I MHC molecules involves post-Golgi peptide exchange influenced by peptide-MHC complex stability and acidic pH. <i>Journal of Immunology</i> , <b>2001</b> , 167, 1274-82	5.3	49
28	Processing of Mycobacterium tuberculosis antigen 85B involves intraphagosomal formation of peptide-major histocompatibility complex II complexes and is inhibited by live bacilli that decrease phagosome maturation. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 194, 1421-32	16.6	105
27	Toll-like receptor 2-dependent inhibition of macrophage class II MHC expression and antigen processing by 19-kDa lipoprotein of Mycobacterium tuberculosis. <i>Journal of Immunology</i> , <b>2001</b> , 167, 910-8	5.3	359
26	Surfactant protein D enhances bacterial antigen presentation by bone marrow-derived dendritic cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2001</b> , 281, L1453-63	5.8	85
25	HIV-1 infection impairs cell cycle progression of CD4+ T cells without affecting early activation responses. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 108, 757-764	15.9	48
24	Mycobacterium tuberculosis inhibits MHC class II antigen processing in murine bone marrow macrophages. <i>Cellular Immunology</i> , <b>2000</b> , 201, 63-74	4.4	142
23	CpG oligodeoxynucleotides act as adjuvants for pneumococcal polysaccharide-protein conjugate vaccines and enhance antipolysaccharide immunoglobulin G2a (IgG2a) and IgG3 antibodies. <i>Infection and Immunity</i> , <b>2000</b> , 68, 1450-6	3.7	75
22	Phagosomes acquire nascent and recycling class II MHC molecules but primarily use nascent molecules in phagocytic antigen processing. <i>Journal of Immunology</i> , <b>2000</b> , 164, 5103-12	5.3	27
21	CpG DNA induces maturation of dendritic cells with distinct effects on nascent and recycling MHC-II antigen-processing mechanisms. <i>Journal of Immunology</i> , <b>2000</b> , 165, 6889-95	5.3	110
20	B- and T-cell immune responses to pneumococcal conjugate vaccines: divergence between carrier- and polysaccharide-specific immunogenicity. <i>Infection and Immunity</i> , <b>1999</b> , 67, 4862-9	3.7	75
19	Phagocytic processing of antigens for presentation by class II major histocompatibility complex molecules. <i>Cellular Microbiology</i> , <b>1999</b> , 1, 205-14	3.9	33
18	Phagocytic antigen processing and effects of microbial products on antigen processing and T-cell responses. <i>Immunological Reviews</i> , <b>1999</b> , 168, 217-39	11.3	46
17	Inhibition of class II major histocompatibility complex antigen processing by Escherichia coli heat-labile enterotoxin requires an enzymatically active A subunit. <i>Infection and Immunity</i> , <b>1998</b> , 66, 3480-4	3.7	29
16	CpG oligodeoxynucleotides act as adjuvants that switch on T helper 1 (Th1) immunity. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 1623-31	16.6	883
15	Class I MHC presentation of exogenous antigens. <i>Journal of Clinical Immunology</i> , <b>1996</b> , 16, 90-6	5.7	46



14	The <i>phoP</i> locus influences processing and presentation of <i>Salmonella typhimurium</i> antigens by activated macrophages. <i>Molecular Microbiology</i> , <b>1995</b> , 16, 465-76	4.1	78
13	Intracellular organelles involved in antigen processing and the binding of peptides to class II MHC molecules. <i>Seminars in Immunology</i> , <b>1995</b> , 7, 355-60	10.7	15
12	Phagocytic processing of antigens for presentation by MHC molecules. <i>Trends in Cell Biology</i> , <b>1995</b> , 5, 105-9	18.3	52
11	Antigen processing and intracellular traffic of antigens and MHC molecules. <i>Current Opinion in Cell Biology</i> , <b>1993</b> , 5, 596-605	9	37
10	Phagocytic processing of bacterial antigens for class I MHC presentation to T cells. <i>Nature</i> , <b>1993</b> , 361, 359-62	50.4	544
9	Electroporation of exogenous antigen into the cytosol for antigen processing and class I major histocompatibility complex (MHC) presentation: weak base amines and hypothermia (18 degrees C) inhibit the class I MHC processing pathway. <i>European Journal of Immunology</i> , <b>1992</b> , 22, 1865-9	6.1	33
8	Processing and presentation of intact hen egg-white lysozyme by dendritic cells. <i>European Journal of Immunology</i> , <b>1992</b> , 22, 2347-52	6.1	35
7	Pathways of antigen processing. <i>Current Opinion in Immunology</i> , <b>1991</b> , 3, 3-9	7.8	23
6	Liposome-encapsulated antigens are processed in lysosomes, recycled, and presented to T cells. <i>Cell</i> , <b>1991</b> , 64, 393-401	56.2	226
5	Quantitation of antigen-presenting cell MHC class II/peptide complexes necessary for T-cell stimulation. <i>Nature</i> , <b>1990</b> , 346, 574-6	50.4	422
4	Low-temperature inhibition of antigen processing and iron uptake from transferrin: deficits in endosome functions at 18 degrees C. <i>European Journal of Immunology</i> , <b>1990</b> , 20, 323-9	6.1	36
3	Mechanisms of antigen processing. <i>Immunological Reviews</i> , <b>1988</b> , 106, 77-92	11.3	59
2	Transferrin recycling in reticulocytes: pH and iron are important determinants of ligand binding and processing. <i>Biochemical and Biophysical Research Communications</i> , <b>1983</b> , 113, 650-8	3.4	145
1	Surface ultrastructure of the cornea and adjacent epidermis during metamorphosis of <i>Rana pipiens</i> : a scanning electron microscopic study. <i>Journal of Morphology</i> , <b>1980</b> , 166, 323-35	1.6	13