

Eric O Long

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.

167
papers

19,073
citations

75
h-index

137
g-index

184
ext. papers

20,744
ext. citations

14.4
avg, IF

6.77
L-index

#	Paper	IF	Citations
167	CRISPR Screen to Identify Factors that Render Tumor Cells Sensitive or Resistant to Killing by NK Cells.. <i>Methods in Molecular Biology</i> , 2022 , 2463, 269-288	1.4	0
166	NK Cells Equipped With a Chimeric Antigen Receptor That Overcomes Inhibition by HLA Class I for Adoptive Transfer of CAR-NK Cells.. <i>Frontiers in Immunology</i> , 2022 , 13, 840844	8.4	0
165	Plasmodium falciparum-specific IgM B cells dominate in children, expand with malaria, and produce functional IgM. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	9
164	Patients With Natural Killer (NK) Cell Chronic Active Epstein-Barr Virus Have Immature NK Cells and Hyperactivation of PI3K/Akt/mTOR and STAT1 Pathways. <i>Journal of Infectious Diseases</i> , 2020 , 222, 1170-1179	7.1	2
163	High-affinity oligoclonal TCRs define effective adoptive T cell therapy targeting mutant KRAS-G12D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12826-12835	11.5	28
162	Bone Marrow-Derived Dendritic Cell Cultures from RAG Mice Include IFN- γ -Producing NK Cells. <i>ImmunoHorizons</i> , 2020 , 4, 415-419	2.7	1
161	-endocytosis of intact IL-15R α IL-15 complex from presenting cells into NK cells favors signaling for proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 522-531	11.5	19
160	PD-1 Expression on NK Cells in Malaria-Exposed Individuals Is Associated with Diminished Natural Cytotoxicity and Enhanced Antibody-Dependent Cellular Cytotoxicity. <i>Infection and Immunity</i> , 2020 , 88,	3.7	6
159	Human NK cell receptor KIR2DS4 detects a conserved bacterial epitope presented by HLA-C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 12964-12973	11.5	29
158	CD28 Homolog Is a Strong Activator of Natural Killer Cells for Lysis of B7H7 Tumor Cells. <i>Cancer Immunology Research</i> , 2019 , 7, 939-951	12.5	22
157	Adaptive NK cells in people exposed to correlate with protection from malaria. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1280-1290	16.6	40
156	Inhibition-Resistant CARs for NK Cell Cancer Immunotherapy. <i>Trends in Immunology</i> , 2019 , 40, 1078-1081	14.4	3
155	Genome-Wide CRISPR Screen Reveals Cancer Cell Resistance to NK Cells Induced by NK-Derived IFN- γ <i>Frontiers in Immunology</i> , 2019 , 10, 2879	8.4	16
154	Author response: NK cells inhibit Plasmodium falciparum growth in red blood cells via antibody-dependent cellular cytotoxicity 2018 ,		3
153	Cutting Edge: Quantitative Determination of CD40L Threshold for IL-12 and IL-23 Production from Dendritic Cells. <i>Journal of Immunology</i> , 2018 , 201, 2879-2884	5.3	7
152	NK cells inhibit growth in red blood cells via antibody-dependent cellular cytotoxicity. <i>ELife</i> , 2018 , 7,	8.9	53
151	Complement factor P: promoting the antibacterial activity of natural killer cells. <i>Cellular and Molecular Immunology</i> , 2017 , 14, 797-799	15.4	3

150	Canonical and Cross-reactive Binding of NK Cell Inhibitory Receptors to HLA-C Allotypes Is Dictated by Peptides Bound to HLA-C. <i>Frontiers in Immunology</i> , 2017 , 8, 193	8.4	26
149	Ionomycin Treatment Renders NK Cells Hyporesponsive. <i>PLoS ONE</i> , 2016 , 11, e0150998	3.7	11
148	Zinc-Induced Polymerization of Killer-Cell Ig-like Receptor into Filaments Promotes Its Inhibitory Function at Cytotoxic Immunological Synapses. <i>Molecular Cell</i> , 2016 , 62, 21-33	17.6	17
147	KIR2DL3 and KIR2DL1 show similar impact on licensing of human NK cells. <i>European Journal of Immunology</i> , 2016 , 46, 185-91	6.1	17
146	Interleukin-2 activity can be fine tuned with engineered receptor signaling clamps. <i>Immunity</i> , 2015 , 42, 826-38	32.3	100
145	NK Cell Proliferation Induced by IL-15 Transpresentation Is Negatively Regulated by Inhibitory Receptors. <i>Journal of Immunology</i> , 2015 , 195, 4810-21	5.3	18
144	A single amino acid change in inhibitory killer cell Ig-like receptor results in constitutive receptor self-association and phosphorylation. <i>Journal of Immunology</i> , 2015 , 194, 817-26	5.3	7
143	TNFR-associated factor 6 and TGF- β -activated kinase 1 control signals for a senescence response by an endosomal NK cell receptor. <i>Journal of Immunology</i> , 2014 , 192, 714-21	5.3	4
142	A signaling network stimulated by α integrin promotes the polarization of lytic granules in cytotoxic cells. <i>Science Signaling</i> , 2014 , 7, ra96	8.8	44
141	Comment on "Killer Ig-like receptor 2DL4 does not mediate NK Cell IFN- γ responses to soluble HLA-G preparations". <i>Journal of Immunology</i> , 2014 , 192, 4003	5.3	5
140	Controlling natural killer cell responses: integration of signals for activation and inhibition. <i>Annual Review of Immunology</i> , 2013 , 31, 227-58	34.7	763
139	Cutting edge: NK cell licensing modulates adhesion to target cells. <i>Journal of Immunology</i> , 2013 , 191, 3981-5	5.3	45
138	Found: a cellular activating ligand for NKp44. <i>Blood</i> , 2013 , 122, 2921-2	2.2	9
137	Cellular senescence induced by CD158d reprograms natural killer cells to promote vascular remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 20596-601	11.5	113
136	Cold urticaria, immunodeficiency, and autoimmunity related to PLCG2 deletions. <i>New England Journal of Medicine</i> , 2012 , 366, 330-8	59.2	288
135	The adaptor protein Crk controls activation and inhibition of natural killer cells. <i>Immunity</i> , 2012 , 36, 600-3	11.3	69
134	Complementary phosphorylation sites in the adaptor protein SLP-76 promote synergistic activation of natural killer cells. <i>Science Signaling</i> , 2012 , 5, ra49	8.8	51
133	KIR2DL4 (CD158d): An activation receptor for HLA-G. <i>Frontiers in Immunology</i> , 2012 , 3, 258	8.4	114

132	Palmitoylation of MICA, a ligand for NKG2D, mediates its recruitment to membrane microdomains and promotes its shedding. <i>European Journal of Immunology</i> , 2011 , 41, 3667-76	6.1	29
131	Cutting edge: NKG2D-dependent cytotoxicity is controlled by ligand distribution in the target cell membrane. <i>Journal of Immunology</i> , 2011 , 186, 5538-42	5.3	12
130	ICAM-1: getting a grip on leukocyte adhesion. <i>Journal of Immunology</i> , 2011 , 186, 5021-3	5.3	102
129	α integrin induces TCR ζ Syk-phospholipase C β -phosphorylation and paxillin-dependent granule polarization in human NK cells. <i>Journal of Immunology</i> , 2011 , 186, 2998-3005	5.3	35
128	Two modes of lytic granule fusion during degranulation by natural killer cells. <i>Immunology and Cell Biology</i> , 2011 , 89, 728-38	5	41
127	Cytotoxic immunological synapses. <i>Immunological Reviews</i> , 2010 , 235, 24-34	11.3	147
126	Antagonizing inhibition gets NK cells going. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 10333-4	11.5	7
125	Lytic granule polarization, rather than degranulation, is the preferred target of inhibitory receptors in NK cells. <i>Journal of Immunology</i> , 2010 , 185, 4698-704	5.3	26
124	Tethering of intercellular adhesion molecule on target cells is required for LFA-1-dependent NK cell adhesion and granule polarization. <i>Journal of Immunology</i> , 2010 , 185, 2918-26	5.3	62
123	Signal transduction during activation and inhibition of natural killer cells. <i>Current Protocols in Immunology</i> , 2010 , Chapter 11, Unit 11.9B	4	84
122	Functional analysis of human NK cells by flow cytometry. <i>Methods in Molecular Biology</i> , 2010 , 612, 335-52.4	5.4	85
121	DNA-PKcs controls an endosomal signaling pathway for a proinflammatory response by natural killer cells. <i>Science Signaling</i> , 2010 , 3, ra14	8.8	48
120	Regulation of human NK-cell cytokine and chemokine production by target cell recognition. <i>Blood</i> , 2010 , 115, 2167-76	2.2	532
119	Synergistic signals for natural cytotoxicity are required to overcome inhibition by c-Cbl ubiquitin ligase. <i>Immunity</i> , 2010 , 32, 175-86	32.3	96
118	Distinct role of rab27a in granule movement at the plasma membrane and in the cytosol of NK cells. <i>PLoS ONE</i> , 2010 , 5, e12870	3.7	28
117	Use of transfected Drosophila S2 cells to study NK cell activation. <i>Methods in Molecular Biology</i> , 2010 , 612, 67-88	1.4	6
116	Integrin-dependent organization and bidirectional vesicular traffic at cytotoxic immune synapses. <i>Immunity</i> , 2009 , 31, 99-109	32.3	149
115	Minimal requirement for induction of natural cytotoxicity and intersection of activation signals by inhibitory receptors. <i>Blood</i> , 2009 , 114, 2657-66	2.2	194

114	Inhibitory receptor signaling via tyrosine phosphorylation of the adaptor Crk. <i>Immunity</i> , 2008 , 29, 578-88	2.3	88
113	Line of attack: NK cell specificity and integration of signals. <i>Current Opinion in Immunology</i> , 2008 , 20, 344-52	7.8	161
112	Negative signaling by inhibitory receptors: the NK cell paradigm. <i>Immunological Reviews</i> , 2008 , 224, 70-84	4.3	266
111	Recruitment of activation receptors at inhibitory NK cell immune synapses. <i>PLoS ONE</i> , 2008 , 3, e3278	3.7	34
110	Tyrosine phosphorylation of an adapter protein induced by NK cell inhibitory receptor contributes to inhibition of cytotoxicity. <i>FASEB Journal</i> , 2008 , 22, 1064.11	0.9	
109	Inhibitory receptor gp49B regulates eosinophil infiltration during allergic inflammation. <i>Journal of Leukocyte Biology</i> , 2007 , 82, 1531-41	6.5	10
108	Defective cytotoxic lymphocyte degranulation in syntaxin-11 deficient familial hemophagocytic lymphohistiocytosis 4 (FHL4) patients. <i>Blood</i> , 2007 , 110, 1906-15	2.2	248
107	Ready for prime time: NK cell priming by dendritic cells. <i>Immunity</i> , 2007 , 26, 385-7	32.3	52
106	Synergy among receptors on resting NK cells for the activation of natural cytotoxicity and cytokine secretion. <i>Blood</i> , 2006 , 107, 159-66	2.2	546
105	Activation, coactivation, and costimulation of resting human natural killer cells. <i>Immunological Reviews</i> , 2006 , 214, 73-91	11.3	435
104	Activation of NK cells by an endocytosed receptor for soluble HLA-G. <i>PLoS Biology</i> , 2006 , 4, e9	9.7	245
103	Viral evasion of NK-cell activation. <i>Trends in Immunology</i> , 2005 , 26, 403-5	14.4	21
102	Molecular basis for positive and negative signaling by the natural killer cell receptor 2B4 (CD244). <i>Blood</i> , 2005 , 105, 4722-9	2.2	164
101	Expression of a killer cell receptor-like gene in plastic regions of the central nervous system. <i>Journal of Neuroimmunology</i> , 2005 , 161, 177-82	3.5	38
100	Cytolytic granule polarization and degranulation controlled by different receptors in resting NK cells. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1001-12	16.6	356
99	Understanding how combinations of HLA and KIR genes influence disease. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1025-9	16.6	171
98	LFA-1 contributes an early signal for NK cell cytotoxicity. <i>Journal of Immunology</i> , 2004 , 173, 3653-9	5.3	213
97	Coexpression of CD58 or CD48 with intercellular adhesion molecule 1 on target cells enhances adhesion of resting NK cells. <i>Journal of Immunology</i> , 2003 , 170, 294-9	5.3	79

96	Spontaneous clustering and tyrosine phosphorylation of NK cell inhibitory receptor induced by ligand binding. <i>Journal of Immunology</i> , 2003 , 170, 6107-14	5.3	52
95	KIR enrichment at the effector-target cell interface is more sensitive than signaling to the strength of ligand binding. <i>European Journal of Immunology</i> , 2003 , 33, 1084-93	6.1	21
94	Vav1 dephosphorylation by the tyrosine phosphatase SHP-1 as a mechanism for inhibition of cellular cytotoxicity. <i>Molecular and Cellular Biology</i> , 2003 , 23, 6291-9	4.8	210
93	Vav1 phosphorylation is induced by beta2 integrin engagement on natural killer cells upstream of actin cytoskeleton and lipid raft reorganization. <i>Journal of Experimental Medicine</i> , 2003 , 198, 469-74	16.6	105
92	Natural killer cell inhibitory receptors block actin cytoskeleton-dependent recruitment of 2B4 (CD244) to lipid rafts. <i>Journal of Experimental Medicine</i> , 2003 , 197, 77-85	16.6	109
91	Tumor cell recognition by natural killer cells. <i>Seminars in Cancer Biology</i> , 2002 , 12, 57-61	12.7	64
90	KIR2DL4 (CD158d), an NK cell-activating receptor with inhibitory potential. <i>Journal of Immunology</i> , 2002 , 168, 6208-14	5.3	175
89	Stress signals activate natural killer cells. <i>Journal of Experimental Medicine</i> , 2002 , 196, 1399-402	16.6	43
88	Inhibition of natural killer cell activation signals by killer cell immunoglobulin-like receptors (CD158). <i>Immunological Reviews</i> , 2001 , 181, 223-33	11.3	121
87	Crystal structure of the human natural killer cell inhibitory receptor KIR2DL1-HLA-Cw4 complex. <i>Nature Immunology</i> , 2001 , 2, 452-60	19.1	220
86	New nomenclature for MHC receptors. <i>Nature Immunology</i> , 2001 , 2, 661	19.1	63
85	Cutting edge: induction of IFN-gamma production but not cytotoxicity by the killer cell Ig-like receptor KIR2DL4 (CD158d) in resting NK cells. <i>Journal of Immunology</i> , 2001 , 167, 1877-81	5.3	208
84	How do killer cell Ig-like receptors inhibit natural killer cells? 2001 , 235-241		
83	A disulfide-linked natural killer cell receptor dimer has higher affinity for HLA-C than wild-type monomer. <i>European Journal of Immunology</i> , 2000 , 30, 2692-7	6.1	16
82	Homogenous expression of killer cell immunoglobulin-like receptors (KIR) on polyclonal natural killer cells detected by a monoclonal antibody to KIR2D. <i>Tissue Antigens</i> , 2000 , 56, 240-7		4
81	Adhesion to target cells is disrupted by the killer cell inhibitory receptor. <i>Current Biology</i> , 2000 , 10, 777-80	3	152
80	Cobalt-mediated dimerization of the human natural killer cell inhibitory receptor. <i>Journal of Biological Chemistry</i> , 2000 , 275, 23700-6	5.4	19
79	Binding of soluble KIR-Fc fusion proteins to HLA class I. <i>Methods in Molecular Biology</i> , 2000 , 121, 239-50	1.4	12

78	Use of vaccinia virus for functional gene transfer in natural killer cells. <i>Methods in Molecular Biology</i> , 2000 , 121, 265-72	1.4	7
77	Natural killer cells and mast cells from gp49B null mutant mice are functional. <i>Molecular and Cellular Biology</i> , 2000 , 20, 7178-82	4.8	19
76	NK cell inhibitory receptors prevent tyrosine phosphorylation of the activation receptor 2B4 (CD244). <i>Journal of Immunology</i> , 2000 , 165, 3545-8	5.3	90
75	HLA class I recognition by killer cell Ig-like receptors. <i>Seminars in Immunology</i> , 2000 , 12, 101-8	10.7	75
74	The SH2 domain-containing inositol 5-phosphatase (SHIP) recruits the p85 subunit of phosphoinositide 3-kinase during FcγRIIb1-mediated inhibition of B cell receptor signaling. <i>Journal of Biological Chemistry</i> , 1999 , 274, 7489-94	5.4	49
73	A human histocompatibility leukocyte antigen (HLA)-G-specific receptor expressed on all natural killer cells. <i>Journal of Experimental Medicine</i> , 1999 , 189, 1093-100	16.6	596
72	Regulation of immune responses through inhibitory receptors. <i>Annual Review of Immunology</i> , 1999 , 17, 875-904	34.7	827
71	Essential role of LAT in T cell development. <i>Immunity</i> , 1999 , 10, 323-32	32.3	462
70	Structure of a human natural killer cell inhibitory receptor. <i>Transplantation Proceedings</i> , 1999 , 31, 1871-2	1.1	2
69	Peptide loading onto recycling HLA-DR molecules occurs in early endosomes. <i>European Journal of Immunology</i> , 1998 , 28, 799-804	6.1	65
68	Regulation of immune responses by inhibitory receptors. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 452, 19-28	3.6	8
67	Negative signaling pathways of the killer cell inhibitory receptor and Fc gamma RIIb1 require distinct phosphatases. <i>Journal of Experimental Medicine</i> , 1997 , 186, 473-8	16.6	88
66	The direct binding of a p58 killer cell inhibitory receptor to human histocompatibility leukocyte antigen (HLA)-Cw4 exhibits peptide selectivity. <i>Journal of Experimental Medicine</i> , 1997 , 185, 1523-8	16.6	170
65	A novel phosphotyrosine motif with a critical amino acid at position -2 for the SH2 domain-mediated activation of the tyrosine phosphatase SHP-1. <i>Journal of Biological Chemistry</i> , 1997 , 272, 13066-72	5.4	161
64	T cell response to myelin basic protein in the context of the multiple sclerosis-associated HLA-DR15 haplotype: peptide binding, immunodominance and effector functions of T cells. <i>Journal of Neuroimmunology</i> , 1997 , 77, 195-203	3.5	52
63	Killer cell inhibitory receptors: diversity, specificity, and function. <i>Immunological Reviews</i> , 1997 , 155, 135-43	14.3	184
62	Structure of the inhibitory receptor for human natural killer cells resembles haematopoietic receptors. <i>Nature</i> , 1997 , 389, 96-100	50.4	147
61	A new human gene complex encoding the killer cell inhibitory receptors and related monocyte/macrophage receptors. <i>Current Biology</i> , 1997 , 7, 615-8	6.3	167

60	Regulation through inhibitory receptors: Lessons from natural killer cells. <i>Trends in Cell Biology</i> , 1997 , 7, 473-9	18.3	64
59	Natural killer cell receptors. <i>Current Opinion in Immunology</i> , 1997 , 9, 344-50	7.8	80
58	Binding of a soluble p70 killer cell inhibitory receptor to HLA-B*5101: requirement for all three p70 immunoglobulin domains. <i>European Journal of Immunology</i> , 1997 , 27, 568-71	6.1	56
57	HLA-DR-restricted presentation of purified myelin basic protein is independent of intracellular processing. <i>European Journal of Immunology</i> , 1997 , 27, 941-51	6.1	46
56	Recruitment of tyrosine phosphatase HCP by the killer cell inhibitor receptor. <i>Immunity</i> , 1996 , 4, 77-85	32.3	560
55	Direct binding of a soluble natural killer cell inhibitory receptor to a soluble human leukocyte antigen-Cw4 class I major histocompatibility complex molecule. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 7178-83	11.5	78
54	Presentation of a cytosolic antigen by major histocompatibility complex class II molecules requires a long-lived form of the antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 14692-7	11.5	52
53	Inhibitory MHC class I receptors on NK and T cells: a standard nomenclature. <i>Trends in Immunology</i> , 1996 , 17, 100		70
52	A p70 killer cell inhibitory receptor specific for several HLA-B allotypes discriminates among peptides bound to HLA-B*2705. <i>Journal of Experimental Medicine</i> , 1996 , 184, 1585-90	16.6	116
51	Isoforms of the invariant chain regulate transport of MHC class II molecules to antigen processing compartments. <i>Journal of Cell Biology</i> , 1996 , 133, 281-91	7.3	65
50	Antigen presentation mediated by recycling of surface HLA-DR molecules. <i>Nature</i> , 1995 , 375, 603-6	50.4	238
49	Peptide specificity in the recognition of MHC class I by natural killer cell clones. <i>Science</i> , 1995 , 267, 1016-8	33.3	271
48	HLA-DR polymorphism affects the interaction with CD4. <i>Journal of Experimental Medicine</i> , 1995 , 182, 733-41	16.6	34
47	Molecular clones of the p58 NK cell receptor reveal immunoglobulin-related molecules with diversity in both the extra- and intracellular domains. <i>Immunity</i> , 1995 , 2, 439-49	32.3	525
46	Killer cell inhibitory receptors specific for HLA-C and HLA-B identified by direct binding and by functional transfer. <i>Immunity</i> , 1995 , 3, 801-9	32.3	290
45	T cell recognition of an HLA-A2-restricted epitope derived from a cleaved signal sequence. <i>Journal of Experimental Medicine</i> , 1994 , 180, 1989-94	16.6	33
44	Recognition of virus-infected cells by natural killer cell clones is controlled by polymorphic target cell elements. <i>Journal of Experimental Medicine</i> , 1993 , 178, 961-9	16.6	75
43	Cell surface HLA-DR-invariant chain complexes are targeted to endosomes by rapid internalization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 8581-5	11.5	189

42	Infection of natural killer cells by human herpesvirus 6. <i>Nature</i> , 1993 , 362, 458-62	50.4	164
41	Sequences in both class II major histocompatibility complex alpha and beta chains contribute to the binding of the superantigen toxic shock syndrome toxin 1. <i>Journal of Experimental Medicine</i> , 1992 , 175, 1301-5	16.6	26
40	Identification of HLA-DR1 beta chain residues critical for binding staphylococcal enterotoxins A and E. <i>Journal of Experimental Medicine</i> , 1992 , 175, 415-24	16.6	114
39	Distinct binding sites on HLA-DR for invariant chain and staphylococcal enterotoxins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 9657-61	11.5	18
38	Processing pathways for presentation of cytosolic antigen to MHC class II-restricted T cells. <i>Nature</i> , 1992 , 357, 702-4	50.4	187
37	Activated CD3- CD16+ natural killer cells express a subset of the lymphokine genes induced in activated alpha beta + and gamma delta + T cells. <i>Scandinavian Journal of Immunology</i> , 1991 , 33, 247-52	3.4	12
36	An unusual form of alternative splicing in the HLA-DNA gene. <i>Immunogenetics</i> , 1991 , 33, 124-31	3.2	5
35	A myelin basic protein peptide is recognized by cytotoxic T cells in the context of four HLA-DR types associated with multiple sclerosis. <i>Journal of Experimental Medicine</i> , 1991 , 173, 19-24	16.6	267
34	Efficient cDNA expression vectors for stable and transient expression of HLA-DR in transfected fibroblast and lymphoid cells. <i>Human Immunology</i> , 1991 , 31, 229-35	2.3	114
33	The alpha 1 domain of the HLA-DR molecule is essential for high-affinity binding of the toxic shock syndrome toxin-1. <i>Nature</i> , 1990 , 346, 474-6	50.4	97
32	Structural requirements for pairing of alpha and beta chains in HLA-DR and HLA-DP molecules. <i>Journal of Experimental Medicine</i> , 1990 , 171, 615-28	16.6	28
31	An endogenous processing pathway in vaccinia virus-infected cells for presentation of cytoplasmic antigens to class II-restricted T cells. <i>Journal of Experimental Medicine</i> , 1990 , 172, 947-54	16.6	179
30	Transcription of unrearranged T cell receptor delta genes in CD3- major histocompatibility complex-unrestricted cytotoxic cells. <i>European Journal of Immunology</i> , 1989 , 19, 1973-6	6.1	10
29	Intracellular traffic and antigen processing. <i>Trends in Immunology</i> , 1989 , 10, 232-4		82
28	Pathways of viral antigen processing and presentation to CTL: defined by the mode of virus entry?. <i>Trends in Immunology</i> , 1989 , 10, 45-8		70
27	HLA class II-restricted presentation of cytoplasmic measles virus antigens to cytotoxic T cells. <i>Journal of Virology</i> , 1989 , 63, 1756-62	6.6	167
26	Processing requirements for presentation of antigens to T lymphocytes. <i>Current Opinion in Immunology</i> , 1988 , 1, 98-102	7.8	3
25	Recognition of intracellular measles virus antigens by HLA class II restricted measles virus-specific cytotoxic T lymphocytes. <i>Annals of the New York Academy of Sciences</i> , 1988 , 540, 352-3	6.5	19

24	Presentation of influenza hemagglutinin peptide in the presence of limited allostimulation by HLA-DR1 transfected human fibroblasts. <i>Human Immunology</i> , 1988 , 21, 173-81	2.3	12
23	Structural model of HLA-DR1 restricted T cell antigen recognition. <i>Cell</i> , 1988 , 52, 515-23	56.2	170
22	Specific lysis of allogeneic cells after activation of CD3- lymphocytes in mixed lymphocyte culture. <i>Journal of Experimental Medicine</i> , 1988 , 168, 2403-8	16.6	102
21	Antigen presentation to HLA class II-restricted measles virus-specific T-cell clones can occur in the absence of the invariant chain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988 , 85, 1209-12	11.5	39
20	Mapping of the class II region of the human major histocompatibility complex by pulsed-field gel electrophoresis. <i>Nature</i> , 1986 , 323, 453-5	50.4	179
19	Cell surface expression of class II histocompatibility antigens occurs in the absence of the invariant chain. <i>Journal of Experimental Medicine</i> , 1986 , 164, 1490-504	16.6	133
18	Two forms of the Ia antigen-associated invariant chain result from alternative initiations at two in-phase AUGs. <i>Cell</i> , 1986 , 47, 619-25	56.2	121
17	Recombination within the HLA-D region. Correlation of molecular genotyping with functional data. <i>Journal of Experimental Medicine</i> , 1984 , 160, 222-38	16.6	25
16	Structural relationship of the SB beta-chain gene to HLA-D-region genes and murine I-region genes. <i>Nature</i> , 1984 , 310, 233-5	50.4	31
15	Ia-negative B-cell variants reveal a coordinate regulation in the transcription of the HLA class II gene family. <i>Immunogenetics</i> , 1984 , 19, 349-53	3.2	57
14	Molecular analysis of the genes for human class II antigens of the major histocompatibility complex. <i>Human Immunology</i> , 1983 , 8, 113-21	2.3	23
13	Isolation of cDNA clones for the p33 invariant chain associated with HLA-DR antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1983 , 80, 5714-8	11.5	37
12	Isolation of cDNA clones encoding HLA-DR alpha chains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982 , 79, 6979-83	11.5	92
11	Isolation of distinct cDNA clones encoding HLA-DR beta chains by use of an expression assay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982 , 79, 7465-9	11.5	97
10	Allelic polymorphism and complexity of the genes for HLA-DR beta-chains--direct analysis by DNA-DNA hybridization. <i>Nature</i> , 1982 , 300, 372-4	50.4	131
9	Ribosomal insertion-like elements in <i>Drosophila melanogaster</i> are interspersed with mobile sequences. <i>Cell</i> , 1981 , 25, 399-408	56.2	82
8	Nucleotide sequence of the initiation site for ribosomal RNA transcription in <i>Drosophila melanogaster</i> : comparison of genes with and without insertions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981 , 78, 1513-7	11.5	92
7	Expression of the ribosomal DNA insertions in bobbed mutants of <i>Drosophila melanogaster</i> . <i>Molecular Genetics and Genomics</i> , 1981 , 182, 377-84		34

6	Repeated genes in eukaryotes. <i>Annual Review of Biochemistry</i> , 1980 , 49, 727-64	29.1	1195
5	Alternative pathways in the processing of ribosomal RNA precursor in <i>Drosophila melanogaster</i> . <i>Journal of Molecular Biology</i> , 1980 , 138, 873-8	6.5	61
4	Expression of ribosomal DNA insertions in <i>Drosophila melanogaster</i> . <i>Cell</i> , 1979 , 18, 1185-96	56.2	160
3	Restriction analysis of spacers in ribosomal DNA of <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , 1979 , 7, 205-15	20.1	66
2	Ribosomal DNA in <i>Drosophila melanogaster</i> . I. Isolation and characterization of cloned fragments. <i>Journal of Molecular Biology</i> , 1978 , 126, 749-68	6.5	131
1	HLA-C-restricted presentation of a conserved bacterial epitope to an innate NK cell receptor		1