

# Eric O Long

## List of Publications by Citations

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167  
papers

19,073  
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75  
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137  
g-index

184  
ext. papers

20,744  
ext. citations

14.4  
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6.77  
L-index

#	Paper	IF	Citations
167	Repeated genes in eukaryotes. <i>Annual Review of Biochemistry</i> , <b>1980</b> , 49, 727-64	29.1	1195
166	Regulation of immune responses through inhibitory receptors. <i>Annual Review of Immunology</i> , <b>1999</b> , 17, 875-904	34.7	827
165	Controlling natural killer cell responses: integration of signals for activation and inhibition. <i>Annual Review of Immunology</i> , <b>2013</b> , 31, 227-58	34.7	763
164	A human histocompatibility leukocyte antigen (HLA)-G-specific receptor expressed on all natural killer cells. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 189, 1093-100	16.6	596
163	Recruitment of tyrosine phosphatase HCP by the killer cell inhibitor receptor. <i>Immunity</i> , <b>1996</b> , 4, 77-85	32.3	560
162	Synergy among receptors on resting NK cells for the activation of natural cytotoxicity and cytokine secretion. <i>Blood</i> , <b>2006</b> , 107, 159-66	2.2	546
161	Regulation of human NK-cell cytokine and chemokine production by target cell recognition. <i>Blood</i> , <b>2010</b> , 115, 2167-76	2.2	532
160	Molecular clones of the p58 NK cell receptor reveal immunoglobulin-related molecules with diversity in both the extra- and intracellular domains. <i>Immunity</i> , <b>1995</b> , 2, 439-49	32.3	525
159	Essential role of LAT in T cell development. <i>Immunity</i> , <b>1999</b> , 10, 323-32	32.3	462
158	Activation, coactivation, and costimulation of resting human natural killer cells. <i>Immunological Reviews</i> , <b>2006</b> , 214, 73-91	11.3	435
157	Cytolytic granule polarization and degranulation controlled by different receptors in resting NK cells. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 1001-12	16.6	356
156	Killer cell inhibitory receptors specific for HLA-C and HLA-B identified by direct binding and by functional transfer. <i>Immunity</i> , <b>1995</b> , 3, 801-9	32.3	290
155	Cold urticaria, immunodeficiency, and autoimmunity related to PLCG2 deletions. <i>New England Journal of Medicine</i> , <b>2012</b> , 366, 330-8	59.2	288
154	Peptide specificity in the recognition of MHC class I by natural killer cell clones. <i>Science</i> , <b>1995</b> , 267, 1016-8	35.3	271
153	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> , <b>1991</b> , 173, 19-24	16.6	267
152	Negative signaling by inhibitory receptors: the NK cell paradigm. <i>Immunological Reviews</i> , <b>2008</b> , 224, 70-84	11.3	266
151	Defective cytotoxic lymphocyte degranulation in syntaxin-11 deficient familial hemophagocytic lymphohistiocytosis 4 (FHL4) patients. <i>Blood</i> , <b>2007</b> , 110, 1906-15	2.2	248

150	Activation of NK cells by an endocytosed receptor for soluble HLA-G. <i>PLoS Biology</i> , <b>2006</b> , 4, e9	9.7	245
149	Antigen presentation mediated by recycling of surface HLA-DR molecules. <i>Nature</i> , <b>1995</b> , 375, 603-6	50.4	238
148	Crystal structure of the human natural killer cell inhibitory receptor KIR2DL1-HLA-Cw4 complex. <i>Nature Immunology</i> , <b>2001</b> , 2, 452-60	19.1	220
147	LFA-1 contributes an early signal for NK cell cytotoxicity. <i>Journal of Immunology</i> , <b>2004</b> , 173, 3653-9	5.3	213
146	Vav1 dephosphorylation by the tyrosine phosphatase SHP-1 as a mechanism for inhibition of cellular cytotoxicity. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 6291-9	4.8	210
145	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> , <b>2001</b> , 167, 1877-81	5.3	208
144	Minimal requirement for induction of natural cytotoxicity and intersection of activation signals by inhibitory receptors. <i>Blood</i> , <b>2009</b> , 114, 2657-66	2.2	194
143	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> , <b>1993</b> , 90, 8581-5	11.5	189
142	Processing pathways for presentation of cytosolic antigen to MHC class II-restricted T cells. <i>Nature</i> , <b>1992</b> , 357, 702-4	50.4	187
141	Killer cell inhibitory receptors: diversity, specificity, and function. <i>Immunological Reviews</i> , <b>1997</b> , 155, 135-43	11.5	184
140	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> , <b>1990</b> , 172, 947-54	16.6	179
139	Mapping of the class II region of the human major histocompatibility complex by pulsed-field gel electrophoresis. <i>Nature</i> , <b>1986</b> , 323, 453-5	50.4	179
138	KIR2DL4 (CD158d), an NK cell-activating receptor with inhibitory potential. <i>Journal of Immunology</i> , <b>2002</b> , 168, 6208-14	5.3	175
137	Understanding how combinations of HLA and KIR genes influence disease. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 1025-9	16.6	171
136	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> , <b>1997</b> , 185, 1523-8	16.6	170
135	Structural model of HLA-DR1 restricted T cell antigen recognition. <i>Cell</i> , <b>1988</b> , 52, 515-23	56.2	170
134	A new human gene complex encoding the killer cell inhibitory receptors and related monocyte/macrophage receptors. <i>Current Biology</i> , <b>1997</b> , 7, 615-8	6.3	167
133	HLA class II-restricted presentation of cytoplasmic measles virus antigens to cytotoxic T cells. <i>Journal of Virology</i> , <b>1989</b> , 63, 1756-62	6.6	167

132	Molecular basis for positive and negative signaling by the natural killer cell receptor 2B4 (CD244). <i>Blood</i> , <b>2005</b> , 105, 4722-9	2.2	164
131	Infection of natural killer cells by human herpesvirus 6. <i>Nature</i> , <b>1993</b> , 362, 458-62	50.4	164
130	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> , <b>1997</b> , 272, 13066-72	5.4	161
129	Line of attack: NK cell specificity and integration of signals. <i>Current Opinion in Immunology</i> , <b>2008</b> , 20, 344-52	7.8	161
128	Expression of ribosomal DNA insertions in <i>Drosophila melanogaster</i> . <i>Cell</i> , <b>1979</b> , 18, 1185-96	56.2	160
127	Adhesion to target cells is disrupted by the killer cell inhibitory receptor. <i>Current Biology</i> , <b>2000</b> , 10, 777-803		152
126	Integrin-dependent organization and bidirectional vesicular traffic at cytotoxic immune synapses. <i>Immunity</i> , <b>2009</b> , 31, 99-109	32.3	149
125	Cytotoxic immunological synapses. <i>Immunological Reviews</i> , <b>2010</b> , 235, 24-34	11.3	147
124	Structure of the inhibitory receptor for human natural killer cells resembles haematopoietic receptors. <i>Nature</i> , <b>1997</b> , 389, 96-100	50.4	147
123	Cell surface expression of class II histocompatibility antigens occurs in the absence of the invariant chain. <i>Journal of Experimental Medicine</i> , <b>1986</b> , 164, 1490-504	16.6	133
122	Allelic polymorphism and complexity of the genes for HLA-DR beta-chains--direct analysis by DNA-DNA hybridization. <i>Nature</i> , <b>1982</b> , 300, 372-4	50.4	131
121	Ribosomal DNA in <i>Drosophila melanogaster</i> . I. Isolation and characterization of cloned fragments. <i>Journal of Molecular Biology</i> , <b>1978</b> , 126, 749-68	6.5	131
120	Inhibition of natural killer cell activation signals by killer cell immunoglobulin-like receptors (CD158). <i>Immunological Reviews</i> , <b>2001</b> , 181, 223-33	11.3	121
119	Two forms of the Ia antigen-associated invariant chain result from alternative initiations at two in-phase AUGs. <i>Cell</i> , <b>1986</b> , 47, 619-25	56.2	121
118	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> , <b>1996</b> , 184, 1585-90	16.6	116
117	KIR2DL4 (CD158d): An activation receptor for HLA-G. <i>Frontiers in Immunology</i> , <b>2012</b> , 3, 258	8.4	114
116	Identification of HLA-DR1 beta chain residues critical for binding staphylococcal enterotoxins A and E. <i>Journal of Experimental Medicine</i> , <b>1992</b> , 175, 415-24	16.6	114
115	Efficient cDNA expression vectors for stable and transient expression of HLA-DR in transfected fibroblast and lymphoid cells. <i>Human Immunology</i> , <b>1991</b> , 31, 229-35	2.3	114

114	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> , <b>2012</b> , 109, 20596-601	11.5	113
113	Natural killer cell inhibitory receptors block actin cytoskeleton-dependent recruitment of 2B4 (CD244) to lipid rafts. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 77-85	16.6	109
112	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> , <b>2003</b> , 198, 469-74	16.6	105
111	ICAM-1: getting a grip on leukocyte adhesion. <i>Journal of Immunology</i> , <b>2011</b> , 186, 5021-3	5.3	102
110	Specific lysis of allogeneic cells after activation of CD3- lymphocytes in mixed lymphocyte culture. <i>Journal of Experimental Medicine</i> , <b>1988</b> , 168, 2403-8	16.6	102
109	Interleukin-2 activity can be fine tuned with engineered receptor signaling clamps. <i>Immunity</i> , <b>2015</b> , 42, 826-38	32.3	100
108	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> , <b>1990</b> , 346, 474-6	50.4	97
107	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> , <b>1982</b> , 79, 7465-9	11.5	97
106	Synergistic signals for natural cytotoxicity are required to overcome inhibition by c-Cbl ubiquitin ligase. <i>Immunity</i> , <b>2010</b> , 32, 175-86	32.3	96
105	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> , <b>1981</b> , 78, 1513-7	11.5	92
104	Isolation of cDNA clones encoding HLA-DR alpha chains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1982</b> , 79, 6979-83	11.5	92
103	NK cell inhibitory receptors prevent tyrosine phosphorylation of the activation receptor 2B4 (CD244). <i>Journal of Immunology</i> , <b>2000</b> , 165, 3545-8	5.3	90
102	Negative signaling pathways of the killer cell inhibitory receptor and Fc gamma RIIb1 require distinct phosphatases. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 473-8	16.6	88
101	Inhibitory receptor signaling via tyrosine phosphorylation of the adaptor Crk. <i>Immunity</i> , <b>2008</b> , 29, 578-88	32.3	88
100	Functional analysis of human NK cells by flow cytometry. <i>Methods in Molecular Biology</i> , <b>2010</b> , 612, 335-52	52.4	85
99	Signal transduction during activation and inhibition of natural killer cells. <i>Current Protocols in Immunology</i> , <b>2010</b> , Chapter 11, Unit 11.9B	4	84
98	Intracellular traffic and antigen processing. <i>Trends in Immunology</i> , <b>1989</b> , 10, 232-4		82
97	Ribosomal insertion-like elements in <i>Drosophila melanogaster</i> are interspersed with mobile sequences. <i>Cell</i> , <b>1981</b> , 25, 399-408	56.2	82

96	Natural killer cell receptors. <i>Current Opinion in Immunology</i> , <b>1997</b> , 9, 344-50	7.8	80
95	Coexpression of CD58 or CD48 with intercellular adhesion molecule 1 on target cells enhances adhesion of resting NK cells. <i>Journal of Immunology</i> , <b>2003</b> , 170, 294-9	5.3	79
94	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> , <b>1996</b> , 93, 7178-83	11.5	78
93	HLA class I recognition by killer cell Ig-like receptors. <i>Seminars in Immunology</i> , <b>2000</b> , 12, 101-8	10.7	75
92	Recognition of virus-infected cells by natural killer cell clones is controlled by polymorphic target cell elements. <i>Journal of Experimental Medicine</i> , <b>1993</b> , 178, 961-9	16.6	75
91	Inhibitory MHC class I receptors on NK and T cells: a standard nomenclature. <i>Trends in Immunology</i> , <b>1996</b> , 17, 100		70
90	Pathways of viral antigen processing and presentation to CTL: defined by the mode of virus entry?. <i>Trends in Immunology</i> , <b>1989</b> , 10, 45-8		70
89	The adaptor protein Crk controls activation and inhibition of natural killer cells. <i>Immunity</i> , <b>2012</b> , 36, 600-11	11.3	69
88	Restriction analysis of spacers in ribosomal DNA of <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , <b>1979</b> , 7, 205-15	20.1	66
87	Peptide loading onto recycling HLA-DR molecules occurs in early endosomes. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 799-804	6.1	65
86	Isoforms of the invariant chain regulate transport of MHC class II molecules to antigen processing compartments. <i>Journal of Cell Biology</i> , <b>1996</b> , 133, 281-91	7.3	65
85	Regulation through inhibitory receptors: Lessons from natural killer cells. <i>Trends in Cell Biology</i> , <b>1997</b> , 7, 473-9	18.3	64
84	Tumor cell recognition by natural killer cells. <i>Seminars in Cancer Biology</i> , <b>2002</b> , 12, 57-61	12.7	64
83	New nomenclature for MHC receptors. <i>Nature Immunology</i> , <b>2001</b> , 2, 661	19.1	63
82	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> , <b>2010</b> , 185, 2918-26	5.3	62
81	Alternative pathways in the processing of ribosomal RNA precursor in <i>Drosophila melanogaster</i> . <i>Journal of Molecular Biology</i> , <b>1980</b> , 138, 873-8	6.5	61
80	Ia-negative B-cell variants reveal a coordinate regulation in the transcription of the HLA class II gene family. <i>Immunogenetics</i> , <b>1984</b> , 19, 349-53	3.2	57
79	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> , <b>1997</b> , 27, 568-71	6.1	56

78	NK cells inhibit growth in red blood cells via antibody-dependent cellular cytotoxicity. <i>ELife</i> , <b>2018</b> , 7,	8.9	53
77	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> , <b>1997</b> , 77, 195-203	3.5	52
76	Ready for prime time: NK cell priming by dendritic cells. <i>Immunity</i> , <b>2007</b> , 26, 385-7	32.3	52
75	Spontaneous clustering and tyrosine phosphorylation of NK cell inhibitory receptor induced by ligand binding. <i>Journal of Immunology</i> , <b>2003</b> , 170, 6107-14	5.3	52
74	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> , <b>1996</b> , 93, 14692-7	11.5	52
73	Complementary phosphorylation sites in the adaptor protein SLP-76 promote synergistic activation of natural killer cells. <i>Science Signaling</i> , <b>2012</b> , 5, ra49	8.8	51
72	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> , <b>1999</b> , 274, 7489-94	5.4	49
71	DNA-PKcs controls an endosomal signaling pathway for a proinflammatory response by natural killer cells. <i>Science Signaling</i> , <b>2010</b> , 3, ra14	8.8	48
70	HLA-DR-restricted presentation of purified myelin basic protein is independent of intracellular processing. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 941-51	6.1	46
69	Cutting edge: NK cell licensing modulates adhesion to target cells. <i>Journal of Immunology</i> , <b>2013</b> , 191, 3981-5	5.3	45
68	A signaling network stimulated by α integrin promotes the polarization of lytic granules in cytotoxic cells. <i>Science Signaling</i> , <b>2014</b> , 7, ra96	8.8	44
67	Stress signals activate natural killer cells. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 196, 1399-402	16.6	43
66	Two modes of lytic granule fusion during degranulation by natural killer cells. <i>Immunology and Cell Biology</i> , <b>2011</b> , 89, 728-38	5	41
65	Adaptive NK cells in people exposed to correlate with protection from malaria. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 1280-1290	16.6	40
64	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> , <b>1988</b> , 85, 1209-12	11.5	39
63	Expression of a killer cell receptor-like gene in plastic regions of the central nervous system. <i>Journal of Neuroimmunology</i> , <b>2005</b> , 161, 177-82	3.5	38
62	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> , <b>1983</b> , 80, 5714-8	11.5	37
61	α integrin induces TCRβγC-phospholipase C-β-phosphorylation and paxillin-dependent granule polarization in human NK cells. <i>Journal of Immunology</i> , <b>2011</b> , 186, 2998-3005	5.3	35

60	HLA-DR polymorphism affects the interaction with CD4. <i>Journal of Experimental Medicine</i> , <b>1995</b> , 182, 733-41	16.6	34
59	Expression of the ribosomal DNA insertions in bobbed mutants of <i>Drosophila melanogaster</i> . <i>Molecular Genetics and Genomics</i> , <b>1981</b> , 182, 377-84		34
58	Recruitment of activation receptors at inhibitory NK cell immune synapses. <i>PLoS ONE</i> , <b>2008</b> , 3, e3278	3.7	34
57	T cell recognition of an HLA-A2-restricted epitope derived from a cleaved signal sequence. <i>Journal of Experimental Medicine</i> , <b>1994</b> , 180, 1989-94	16.6	33
56	Structural relationship of the SB beta-chain gene to HLA-D-region genes and murine I-region genes. <i>Nature</i> , <b>1984</b> , 310, 233-5	50.4	31
55	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> , <b>2019</b> , 116, 12964-12973	11.5	29
54	Palmitoylation of MICA, a ligand for NKG2D, mediates its recruitment to membrane microdomains and promotes its shedding. <i>European Journal of Immunology</i> , <b>2011</b> , 41, 3667-76	6.1	29
53	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> , <b>2020</b> , 117, 12826-12835	11.5	28
52	Structural requirements for pairing of alpha and beta chains in HLA-DR and HLA-DP molecules. <i>Journal of Experimental Medicine</i> , <b>1990</b> , 171, 615-28	16.6	28
51	Distinct role of rab27a in granule movement at the plasma membrane and in the cytosol of NK cells. <i>PLoS ONE</i> , <b>2010</b> , 5, e12870	3.7	28
50	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> , <b>2017</b> , 8, 193	8.4	26
49	Lytic granule polarization, rather than degranulation, is the preferred target of inhibitory receptors in NK cells. <i>Journal of Immunology</i> , <b>2010</b> , 185, 4698-704	5.3	26
48	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> , <b>1992</b> , 175, 1301-5	16.6	26
47	Recombination within the HLA-D region. Correlation of molecular genotyping with functional data. <i>Journal of Experimental Medicine</i> , <b>1984</b> , 160, 222-38	16.6	25
46	Molecular analysis of the genes for human class II antigens of the major histocompatibility complex. <i>Human Immunology</i> , <b>1983</b> , 8, 113-21	2.3	23
45	CD28 Homolog Is a Strong Activator of Natural Killer Cells for Lysis of B7H7 Tumor Cells. <i>Cancer Immunology Research</i> , <b>2019</b> , 7, 939-951	12.5	22
44	Viral evasion of NK-cell activation. <i>Trends in Immunology</i> , <b>2005</b> , 26, 403-5	14.4	21
43	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> , <b>2003</b> , 33, 1084-93	6.1	21



42	Cobalt-mediated dimerization of the human natural killer cell inhibitory receptor. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 23700-6	5.4	19
41	Natural killer cells and mast cells from gp49B null mutant mice are functional. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 7178-82	4.8	19
40	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> , <b>1988</b> , 540, 352-3	6.5	19
39	-endocytosis of intact IL-15R $\beta$ L-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> , <b>2020</b> , 117, 522-531	11.5	19
38	NK Cell Proliferation Induced by IL-15 Transpresentation Is Negatively Regulated by Inhibitory Receptors. <i>Journal of Immunology</i> , <b>2015</b> , 195, 4810-21	5.3	18
37	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> , <b>1992</b> , 89, 9657-61	11.5	18
36	Zinc-Induced Polymerization of Killer-Cell Ig-like Receptor into Filaments Promotes Its Inhibitory Function at Cytotoxic Immunological Synapses. <i>Molecular Cell</i> , <b>2016</b> , 62, 21-33	17.6	17
35	KIR2DL3 and KIR2DL1 show similar impact on licensing of human NK cells. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 185-91	6.1	17
34	A disulfide-linked natural killer cell receptor dimer has higher affinity for HLA-C than wild-type monomer. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 2692-7	6.1	16
33	Genome-Wide CRISPR Screen Reveals Cancer Cell Resistance to NK Cells Induced by NK-Derived IFN- $\gamma$ <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2879	8.4	16
32	Cutting edge: NKG2D-dependent cytotoxicity is controlled by ligand distribution in the target cell membrane. <i>Journal of Immunology</i> , <b>2011</b> , 186, 5538-42	5.3	12
31	Binding of soluble KIR-Fc fusion proteins to HLA class I. <i>Methods in Molecular Biology</i> , <b>2000</b> , 121, 239-50	1.4	12
30	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> , <b>1991</b> , 33, 247-52	3.4	12
29	Presentation of influenza hemagglutinin peptide in the presence of limited allostimulation by HLA-DR1 transfected human fibroblasts. <i>Human Immunology</i> , <b>1988</b> , 21, 173-81	2.3	12
28	Ionomycin Treatment Renders NK Cells Hyporesponsive. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150998	3.7	11
27	Inhibitory receptor gp49B regulates eosinophil infiltration during allergic inflammation. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 82, 1531-41	6.5	10
26	Transcription of unrearranged T cell receptor delta genes in CD3- major histocompatibility complex-unrestricted cytotoxic cells. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 1973-6	6.1	10
25	Found: a cellular activating ligand for NKp44. <i>Blood</i> , <b>2013</b> , 122, 2921-2	2.2	9

24	Plasmodium falciparum-specific IgM B cells dominate in children, expand with malaria, and produce functional IgM. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	9
23	Regulation of immune responses by inhibitory receptors. <i>Advances in Experimental Medicine and Biology</i> , <b>1998</b> , 452, 19-28	3.6	8
22	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> , <b>2015</b> , 194, 817-26	5.3	7
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20	Use of vaccinia virus for functional gene transfer in natural killer cells. <i>Methods in Molecular Biology</i> , <b>2000</b> , 121, 265-72	1.4	7
19	Cutting Edge: Quantitative Determination of CD40L Threshold for IL-12 and IL-23 Production from Dendritic Cells. <i>Journal of Immunology</i> , <b>2018</b> , 201, 2879-2884	5.3	7
18	Use of transfected Drosophila S2 cells to study NK cell activation. <i>Methods in Molecular Biology</i> , <b>2010</b> , 612, 67-88	1.4	6
17	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> , <b>2020</b> , 88,	3.7	6
16	Comment on "Killer Ig-like receptor 2DL4 does not mediate NK Cell IFN- $\gamma$ responses to soluble HLA-G preparations". <i>Journal of Immunology</i> , <b>2014</b> , 192, 4003	5.3	5
15	An unusual form of alternative splicing in the HLA-DNA gene. <i>Immunogenetics</i> , <b>1991</b> , 33, 124-31	3.2	5
14	TNFR-associated factor 6 and TGF- $\beta$ -activated kinase 1 control signals for a senescence response by an endosomal NK cell receptor. <i>Journal of Immunology</i> , <b>2014</b> , 192, 714-21	5.3	4
13	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> , <b>2000</b> , 56, 240-7		4
12	Complement factor P: promoting the antibacterial activity of natural killer cells. <i>Cellular and Molecular Immunology</i> , <b>2017</b> , 14, 797-799	15.4	3
11	Processing requirements for presentation of antigens to T lymphocytes. <i>Current Opinion in Immunology</i> , <b>1988</b> , 1, 98-102	7.8	3
10	Author response: NK cells inhibit Plasmodium falciparum growth in red blood cells via antibody-dependent cellular cytotoxicity <b>2018</b> ,		3
9	Inhibition-Resistant CARs for NK Cell Cancer Immunotherapy. <i>Trends in Immunology</i> , <b>2019</b> , 40, 1078-1081	14.4	3
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7	Structure of a human natural killer cell inhibitory receptor. <i>Transplantation Proceedings</i> , <b>1999</b> , 31, 1871-21.1	2.1	2

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5	HLA-C-restricted presentation of a conserved bacterial epitope to an innate NK cell receptor		1
4	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> , <b>2022</b> , 13, 840844	8.4	0
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1	CRISPR Screen to Identify Factors that Render Tumor Cells Sensitive or Resistant to Killing by NK Cells.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2463, 269-288	1.4	