

Miguel Lopez-Botet

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150
papers

11,398
citations

53
h-index

104
g-index

160
ext. papers

12,835
ext. citations

6.8
avg, IF

5.59
L-index

#	Paper	IF	Citations
150	A common inhibitory receptor for major histocompatibility complex class I molecules on human lymphoid and myelomonocytic cells. <i>Journal of Experimental Medicine</i> , 1997 , 186, 1809-18	16.6	773
149	HLA-E is a major ligand for the natural killer inhibitory receptor CD94/NKG2A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 5199-204	11.5	764
148	Implications for immunosurveillance of altered HLA class I phenotypes in human tumours. <i>Trends in Immunology</i> , 1997 , 18, 89-95		638
147	Imprint of human cytomegalovirus infection on the NK cell receptor repertoire. <i>Blood</i> , 2004 , 104, 3664-71	12	588
146	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019 , 49, 1457-1973	6.1	485
145	Expansion of CD94/NKG2C+ NK cells in response to human cytomegalovirus-infected fibroblasts. <i>Blood</i> , 2006 , 107, 3624-31	2.2	320
144	HLA-E-bound peptides influence recognition by inhibitory and triggering CD94/NKG2 receptors: preferential response to an HLA-G-derived nonamer. <i>European Journal of Immunology</i> , 1998 , 28, 2854-63	6.1	307
143	The ILT2(LIR1) and CD94/NKG2A NK cell receptors respectively recognize HLA-G1 and HLA-E molecules co-expressed on target cells. <i>European Journal of Immunology</i> , 1999 , 29, 277-83	6.1	294
142	Kinetics and peptide dependency of the binding of the inhibitory NK receptor CD94/NKG2-A and the activating receptor CD94/NKG2-C to HLA-E. <i>EMBO Journal</i> , 1999 , 18, 4250-60	13	266
141	Triggering of T cell proliferation through AIM, an activation inducer molecule expressed on activated human lymphocytes. <i>Journal of Experimental Medicine</i> , 1988 , 168, 1621-37	16.6	244
140	The CD94 and NKG2-A C-type lectins covalently assemble to form a natural killer cell inhibitory receptor for HLA class I molecules. <i>European Journal of Immunology</i> , 1997 , 27, 563-7	6.1	228
139	Human cytomegalovirus infection is associated with increased proportions of NK cells that express the CD94/NKG2C receptor in aviremic HIV-1-positive patients. <i>Journal of Infectious Diseases</i> , 2006 , 194, 38-41	7	220
138	Selective expansion of intraepithelial lymphocytes expressing the HLA-E-specific natural killer receptor CD94 in celiac disease. <i>Gastroenterology</i> , 2000 , 118, 867-79	13.3	195
137	Tyrosine phosphorylation of a human killer inhibitory receptor recruits protein tyrosine phosphatase 1C. <i>Journal of Experimental Medicine</i> , 1996 , 184, 93-100	16.6	193
136	Molecular characterization of human CD94: a type II membrane glycoprotein related to the C-type lectin superfamily. <i>European Journal of Immunology</i> , 1995 , 25, 2433-7	6.1	192
135	Human natural killer cell receptors for HLA-class I molecules. Evidence that the Kp43 (CD94) molecule functions as receptor for HLA-B alleles. <i>Journal of Experimental Medicine</i> , 1994 , 180, 545-55	16.6	189
134	Involvement of T44 molecules in an antigen-independent pathway of T cell activation. Analysis of the correlations to the T cell antigen-receptor complex. <i>Journal of Experimental Medicine</i> , 1985 , 162, 823-38	16.6	140

133	A novel family of Ig-like receptors for HLA class I molecules that modulate function of lymphoid and myeloid cells. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 375-81	6.5	136
132	Control of self-reactive cytotoxic T lymphocytes expressing gamma delta T cell receptors by natural killer inhibitory receptors. <i>European Journal of Immunology</i> , 1997 , 27, 2812-21	6.1	135
131	NK cell recognition of non-classical HLA class I molecules. <i>Seminars in Immunology</i> , 2000 , 12, 109-19	10.7	135
130	Natural killer cell activation and inhibition by receptors for MHC class I. <i>Current Opinion in Immunology</i> , 1999 , 11, 301-7	7.8	135
129	Prostaglandin E2 and the increase of intracellular cAMP inhibit the expression of interleukin 2 receptors in human T cells. <i>European Journal of Immunology</i> , 1988 , 18, 1791-6	6.1	127
128	Structure and function of the CD94 C-type lectin receptor complex involved in recognition of HLA class I molecules. <i>Immunological Reviews</i> , 1997 , 155, 165-74	11.3	121
127	Targeting NK-cell checkpoints for cancer immunotherapy. <i>Current Opinion in Immunology</i> , 2017 , 45, 73-81	7.8	118
126	MeDALL (Mechanisms of the Development of ALLergy): an integrated approach from phenotypes to systems medicine. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011 , 66, 596-604	9.3	115
125	CMV and Immunosenescence: from basics to clinics. <i>Immunity and Ageing</i> , 2012 , 9, 23	9.7	112
124	The human cytomegalovirus MHC class I homolog UL18 inhibits LIR-1+ but activates LIR-1- NK cells. <i>Journal of Immunology</i> , 2007 , 178, 4473-81	5.3	105
123	Adaptive reconfiguration of the human NK-cell compartment in response to cytomegalovirus: a different perspective of the host-pathogen interaction. <i>European Journal of Immunology</i> , 2013 , 43, 1133-41	6.1	102
122	Specific engagement of the CD94/NKG2-A killer inhibitory receptor by the HLA-E class Ib molecule induces SHP-1 phosphatase recruitment to tyrosine-phosphorylated NKG2-A: evidence for receptor function in heterologous transfectants. <i>European Journal of Immunology</i> , 1998 , 28, 1280-91	6.1	99
121	TCR specificity dictates CD94/NKG2A expression by human CTL. <i>Immunity</i> , 2002 , 17, 487-99	32.3	99
120	NKp46 and DNAM-1 NK-cell receptors drive the response to human cytomegalovirus-infected myeloid dendritic cells overcoming viral immune evasion strategies. <i>Blood</i> , 2011 , 117, 848-56	2.2	98
119	Involvement of the CD4 molecule in a post-activation event on T cell proliferation. <i>European Journal of Immunology</i> , 1987 , 17, 179-86	6.1	98
118	Human T cell receptor-mediated recognition of HLA-E. <i>European Journal of Immunology</i> , 2002 , 32, 936-44	6.1	88
117	Signaling through human killer cell activating receptors triggers tyrosine phosphorylation of an associated protein complex. <i>European Journal of Immunology</i> , 1998 , 28, 599-609	6.1	86
116	Natural killer cell receptors for major histocompatibility complex class I and related molecules in cytomegalovirus infection. <i>Tissue Antigens</i> , 2004 , 63, 195-203		85

115	Paired inhibitory and triggering NK cell receptors for HLA class I molecules. <i>Human Immunology</i> , 2000 , 61, 7-17	2.3	85
114	Expression of a novel activation antigen on intrahepatic CD8+ T lymphocytes in viral chronic active hepatitis. <i>Gastroenterology</i> , 1990 , 98, 1029-35	13.3	84
113	Expression and function of NKG2D in CD4+ T cells specific for human cytomegalovirus. <i>European Journal of Immunology</i> , 2006 , 36, 3198-206	6.1	83
112	Antibody-mediated response of NKG2Cbright NK cells against human cytomegalovirus. <i>Journal of Immunology</i> , 2015 , 194, 2715-24	5.3	81
111	The CD94/NKG2C+ NK-cell subset on the edge of innate and adaptive immunity to human cytomegalovirus infection. <i>Seminars in Immunology</i> , 2014 , 26, 145-51	10.7	79
110	The tyrosine kinase PYK-2/RAFTK regulates natural killer (NK) cell cytotoxic response, and is translocated and activated upon specific target cell recognition and killing. <i>Journal of Cell Biology</i> , 2000 , 149, 1249-62	7.3	70
109	Influence of human cytomegalovirus infection on the NK cell receptor repertoire in children. <i>European Journal of Immunology</i> , 2010 , 40, 1418-27	6.1	67
108	Analysis of memory-like natural killer cells in human cytomegalovirus-infected children undergoing T and B cell-depleted hematopoietic stem cell transplantation for hematological malignancies. <i>Haematologica</i> , 2016 , 101, 371-81	6.6	67
107	NKG2C zygosity influences CD94/NKG2C receptor function and the NK-cell compartment redistribution in response to human cytomegalovirus. <i>European Journal of Immunology</i> , 2013 , 43, 3268-78	6.1	66
106	The human natural killer gene complex is located on chromosome 12p12-p13. <i>Immunogenetics</i> , 1997 , 46, 307-11	3.2	65
105	IREM-1 is a novel inhibitory receptor expressed by myeloid cells. <i>European Journal of Immunology</i> , 2004 , 34, 3690-701	6.1	65
104	Influence of congenital human cytomegalovirus infection and the NKG2C genotype on NK-cell subset distribution in children. <i>European Journal of Immunology</i> , 2012 , 42, 3256-66	6.1	64
103	New nomenclature for MHC receptors. <i>Nature Immunology</i> , 2001 , 2, 661	19.1	63
102	Host genetic factors in susceptibility to herpes simplex type 1 virus infection: contribution of polymorphic genes at the interface of innate and adaptive immunity. <i>Journal of Immunology</i> , 2012 , 188, 4412-20	5.3	61
101	Differential effects of US2, US6 and US11 human cytomegalovirus proteins on HLA class Ia and HLA-E expression: impact on target susceptibility to NK cell subsets. <i>European Journal of Immunology</i> , 2003 , 33, 2744-54	6.1	57
100	Natural killer cell-mediated response to human cytomegalovirus-infected macrophages is modulated by their functional polarization. <i>Journal of Leukocyte Biology</i> , 2011 , 90, 717-26	6.5	54
99	The CD94/NKG2C killer lectin-like receptor constitutes an alternative activation pathway for a subset of CD8+ T cells. <i>European Journal of Immunology</i> , 2005 , 35, 2071-80	6.1	54
98	Relationship of NKG2C Copy Number with the Distribution of Distinct Cytomegalovirus-Induced Adaptive NK Cell Subsets. <i>Journal of Immunology</i> , 2016 , 196, 3818-27	5.3	52

97	NK cell receptors involved in the response to human cytomegalovirus infection. <i>Current Topics in Microbiology and Immunology</i> , 2006 , 298, 207-23	3.3	52
96	NK Cell Infiltrates and HLA Class I Expression in Primary HER2 Breast Cancer Predict and Uncouple Pathological Response and Disease-free Survival. <i>Clinical Cancer Research</i> , 2019 , 25, 1535-1545	12.9	49
95	Inhibition of NKG2D expression in NK cells by cytokines secreted in response to human cytomegalovirus infection. <i>Blood</i> , 2010 , 115, 5170-9	2.2	48
94	IL-12-dependent inducible expression of the CD94/NKG2A inhibitory receptor regulates CD94/NKG2C+ NK cell function. <i>Journal of Immunology</i> , 2009 , 182, 829-36	5.3	47
93	Mutational analysis of immunoreceptor tyrosine-based inhibition motifs of the Ig-like transcript 2 (CD85j) leukocyte receptor. <i>Journal of Immunology</i> , 2002 , 168, 3351-9	5.3	47
92	Molecular characterization of a novel immune receptor restricted to the monocytic lineage. <i>Journal of Immunology</i> , 2004 , 173, 6703-11	5.3	46
91	Human KIR2DL5 is an inhibitory receptor expressed on the surface of NK and T lymphocyte subsets. <i>Journal of Immunology</i> , 2007 , 178, 4402-10	5.3	45
90	The IREM-1 (CD300f) inhibitory receptor associates with the p85alpha subunit of phosphoinositide 3-kinase. <i>Journal of Immunology</i> , 2007 , 178, 808-16	5.3	44
89	NK Cell and Ig Interplay in Defense against Herpes Simplex Virus Type 1: Epistatic Interaction of CD16A and IgG1 Allotypes of Variable Affinities Modulates Antibody-Dependent Cellular Cytotoxicity and Susceptibility to Clinical Reactivation. <i>Journal of Immunology</i> , 2015 , 195, 1676-84	5.3	43
88	Natural killer cell phenotype and clinical response to interferon-beta therapy in multiple sclerosis. <i>Clinical Immunology</i> , 2011 , 141, 348-56	9	43
87	Human cytomegalovirus and natural killer-mediated surveillance of HLA class I expression: a paradigm of host-pathogen adaptation. <i>Immunological Reviews</i> , 2001 , 181, 193-202	11.3	43
86	Signaling through the LFA-1 leucocyte integrin actively regulates intercellular adhesion and tumor necrosis factor-alpha production in natural killer cells. <i>European Journal of Immunology</i> , 1993 , 23, 1859-65	6.1	40
85	Induction of natural killer-like cytotoxicity in cultured human thymocytes. <i>European Journal of Immunology</i> , 1983 , 13, 964-9	6.1	39
84	Interplay between Natural Killer Cells and Anti-HER2 Antibodies: Perspectives for Breast Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2017 , 8, 1544	8.4	38
83	How do NK cells sense the expression of HLA-G class Ib molecules?. <i>Seminars in Cancer Biology</i> , 1999 , 9, 19-26	12.7	38
82	Multiple sclerosis associates with LILRA3 deletion in Spanish patients. <i>Genes and Immunity</i> , 2009 , 10, 579-85	4.4	37
81	Removal of PHA from supernatants containing T-cell growth factor. <i>Journal of Immunological Methods</i> , 1981 , 40, 289-96	2.5	37
80	Circulating NK-cell subsets in renal allograft recipients with anti-HLA donor-specific antibodies. <i>American Journal of Transplantation</i> , 2015 , 15, 806-14	8.7	36

79	Structure of the human CD94 C-type lectin gene. <i>Immunogenetics</i> , 1998 , 47, 305-9	3.2	34
78	Adaptive NKG2C+ NK Cell Response and the Risk of Cytomegalovirus Infection in Kidney Transplant Recipients. <i>Journal of Immunology</i> , 2017 , 198, 94-101	5.3	33
77	Recruitment of C-terminal Src kinase by the leukocyte inhibitory receptor CD85j. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 324, 640-7	3.4	33
76	Phospholipase D activation in human natural killer cells through the Kp43 and CD16 surface antigens takes place by different mechanisms. Involvement of the phospholipase D pathway in tumor necrosis factor alpha synthesis. <i>Journal of Experimental Medicine</i> , 1992 , 176, 9-17	16.6	33
75	Differential expression of inhibitory and activating CD94/NKG2 receptors on NK cell clones. <i>Journal of Immunological Methods</i> , 2002 , 264, 109-19	2.5	32
74	Cloning of two new splice variants of Siglec-10 and mapping of the interaction between Siglec-10 and SHP-1. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 296, 355-62	3.4	32
73	Dual Role of Natural Killer Cells on Graft Rejection and Control of Cytomegalovirus Infection in Renal Transplantation. <i>Frontiers in Immunology</i> , 2017 , 8, 166	8.4	31
72	Assessment of copy-number variation in the NKG2C receptor gene in a single-tube and characterization of a reference cell panel, using standard polymerase chain reaction. <i>Tissue Antigens</i> , 2012 , 80, 184-7		30
71	Expansion of the NKG2C+ natural killer-cell subset is associated with high-risk carotid atherosclerotic plaques in seropositive patients for human cytomegalovirus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2653-9	9.4	30
70	KIR2DL5: An Orphan Inhibitory Receptor Displaying Complex Patterns of Polymorphism and Expression. <i>Frontiers in Immunology</i> , 2012 , 3, 289	8.4	29
69	Concentrations of cyclosporin A and FK506 that inhibit IL-2 induction in human T cells do not affect TGF-beta1 biosynthesis, whereas higher doses of cyclosporin A trigger apoptosis and release of preformed TGF-beta1. <i>Journal of Leukocyte Biology</i> , 2005 , 77, 748-58	6.5	29
68	Expression of lymphocyte activation surface antigens in bronchoalveolar lavage and peripheral blood cells from young healthy subjects. <i>Chest</i> , 1993 , 104, 32-7	5.3	29
67	Analysis of expression and function of the inhibitory receptor ILT2 (CD85j/LILRB1/LIR-1) in peripheral blood mononuclear cells from patients with systemic lupus erythematosus (SLE). <i>Journal of Autoimmunity</i> , 2007 , 29, 97-105	15.5	28
66	Identification of natural killer (NK) cells in lesions of human cutaneous graft-versus-host disease: expression of a novel NK-associated surface antigen (Kp43) in mononuclear infiltrates. <i>Journal of Investigative Dermatology</i> , 1991 , 97, 659-66	4.3	28
65	Association of atherosclerosis with expression of the LILRB1 receptor by human NK and T-cells supports the infectious burden hypothesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2314-21	9.4	27
64	Signalling via CD70, a member of the TNF family, regulates T cell functions. <i>Journal of Leukocyte Biology</i> , 2004 , 76, 263-70	6.5	26
63	Expression and function of alpha 4/beta 7 integrin on human natural killer cells. <i>Immunology</i> , 1996 , 89, 96-104	7.8	26
62	Selection and characterization of monoclonal antibodies to the idiotype-like structure of an interleukin-2-producing human leukemia T-cell line. <i>International Journal of Cancer</i> , 1985 , 36, 253-9	7.5	26

61	Gender-associated differences of perforin polymorphisms in the susceptibility to multiple sclerosis. <i>Journal of Immunology</i> , 2010 , 185, 5392-404	5.3	23
60	Gammadelta T cell activation or anergy during infections: the role of nonpeptidic TCR ligands and HLA class I molecules. <i>Journal of Leukocyte Biology</i> , 1997 , 62, 287-91	6.5	23
59	CD2 is involved in regulating cyclic AMP levels in T cells. <i>European Journal of Immunology</i> , 1988 , 18, 961-4	6.1	23
58	Natural killer receptors distribution in multiple sclerosis: Relation to clinical course and interferon-beta therapy. <i>Clinical Immunology</i> , 2010 , 137, 41-50	9	22
57	Functional analysis of the CD300e receptor in human monocytes and myeloid dendritic cells. <i>European Journal of Immunology</i> , 2010 , 40, 722-32	6.1	22
56	Anticlonotypic monoclonal antibodies induce proliferation of clonotype-positive T cells in peripheral blood human T lymphocytes. Evidence for a phenotypic (T4/T8) heterogeneity of the clonotype-positive proliferating cells. <i>Journal of Experimental Medicine</i> , 1985 , 162, 1393-8	16.6	21
55	Involvement of T11 molecules in antigen receptor-mediated T lymphocyte functions: effect of anti-T11 monoclonal antibody on functional capabilities of alloreactive T cell clones. <i>European Journal of Immunology</i> , 1985 , 15, 841-4	6.1	20
54	Serum cytokine levels as predictive biomarkers of benefit from ipilimumab in small cell lung cancer. <i>Oncolmunology</i> , 2019 , 8, e1593810	7.2	19
53	Assessment of neuronal autoantibodies in patients with small cell lung cancer treated with chemotherapy with or without ipilimumab. <i>Oncolmunology</i> , 2018 , 7, e1395125	7.2	19
52	Molecular studies and NK cell function of a new case of TAP2 homozygous human deficiency. <i>Clinical and Experimental Immunology</i> , 2001 , 125, 274-82	6.2	19
51	Functional analysis of alpha 1 beta 1 integrin in human natural killer cells. <i>European Journal of Immunology</i> , 1996 , 26, 2023-9	6.1	19
50	Variability in the expression of a β -microglobulin epitope on hepatocytes in chronic type C hepatitis on treatment with interferon. <i>Hepatology</i> , 1993 , 17, 372-382	11.2	19
49	An in vivo functional immune system lacking polyclonal T-cell surface expression of the CD3/Ti(WT31) complex. <i>Scandinavian Journal of Immunology</i> , 1987 , 26, 699-708	3.4	19
48	Priming of NK cell anti-viral effector mechanisms by direct recognition of human cytomegalovirus. <i>Frontiers in Immunology</i> , 2013 , 4, 40	8.4	18
47	Antibody-Dependent NK Cell Activation Differentially Targets EBV-Infected Cells in Lytic Cycle and Bystander B Lymphocytes Bound to Viral Antigen-Containing Particles. <i>Journal of Immunology</i> , 2017 , 199, 656-665	5.3	17
46	Human Cytomegalovirus Antigen Presentation by HLA-DR+ NKG2C+ Adaptive NK Cells Specifically Activates Polyfunctional Effector Memory CD4+ T Lymphocytes. <i>Frontiers in Immunology</i> , 2019 , 10, 687	8.4	17
45	The human cytomegalovirus-specific UL1 gene encodes a late-phase glycoprotein incorporated in the virion envelope. <i>Journal of Virology</i> , 2012 , 86, 4091-101	6.6	16
44	Mitogen-activated protein kinase activity is involved in effector functions triggered by the CD94/NKG2-C NK receptor specific for HLA-E. <i>European Journal of Immunology</i> , 2000 , 30, 2842-8	6.1	16

43	High Numbers of Circulating CD57 NK Cells Associate with Resistance to HER2-Specific Therapeutic Antibodies in HER2 Primary Breast Cancer. <i>Cancer Immunology Research</i> , 2019 , 7, 1280-1292	12.5	15
42	Daratumumab in combination with urelumab to potentiate anti-myeloma activity in lymphocyte-deficient mice reconstituted with human NK cells. <i>OncotImmunology</i> , 2019 , 8, 1599636	7.2	15
41	Elusive Role of the CD94/NKG2C NK Cell Receptor in the Response to Cytomegalovirus: Novel Experimental Observations in a Reporter Cell System. <i>Frontiers in Immunology</i> , 2017 , 8, 1317	8.4	14
40	Adaptive natural killer cell response to cytomegalovirus and disability progression in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 741-52	5	13
39	Induction of T cell function via the gp33/27 activation inducer molecule (AIM) requires co-expression of the CD3/TcR complex. <i>European Journal of Immunology</i> , 1989 , 19, 959-62	6.1	13
38	Defective interleukin 2 receptor expression is associated with the T cell dysfunction subsequent to bone marrow transplantation. <i>European Journal of Immunology</i> , 1987 , 17, 1167-74	6.1	13
37	Interaction of the LILRB1 inhibitory receptor with HLA class Ia dimers. <i>European Journal of Immunology</i> , 2016 , 46, 1681-90	6.1	12
36	Dynamics of the NK-cell subset redistribution induced by cytomegalovirus infection in preterm infants. <i>Human Immunology</i> , 2015 , 76, 118-23	2.3	12
35	Functional impact of A91V mutation of the PRF1 perforin gene. <i>Human Immunology</i> , 2013 , 74, 14-7	2.3	12
34	The CD94/NKG2 C-type lectin receptor complex: involvement in NK cell-mediated recognition of HLA class I molecules. <i>Immunologic Research</i> , 1997 , 16, 175-85	4.3	12
33	Natural killer-like cytotoxicity of human T-cell clones against various target cells. <i>Scandinavian Journal of Immunology</i> , 1983 , 17, 95-8	3.4	12
32	Low cytomegalovirus seroprevalence in early multiple sclerosis: a case for the hygiene hypothesis. <i>European Journal of Neurology</i> , 2018 , 25, 925-933	6	11
31	Adaptive Features of Natural Killer Cells in Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2019 , 10, 2403	8.4	11
30	CEACAM1 in cervical cancer and precursor lesions: association with human papillomavirus infection. <i>Journal of Histochemistry and Cytochemistry</i> , 2006 , 54, 1393-9	3.4	11
29	Pretransplant adaptive NKG2C+ NK cells protect against cytomegalovirus infection in kidney transplant recipients. <i>American Journal of Transplantation</i> , 2020 , 20, 663-676	8.7	11
28	Haplotype-Based Analysis of -Gene Profiles in a South European Population-Distribution of Standard and Variant Haplotypes, and Identification of Novel Recombinant Structures. <i>Frontiers in Immunology</i> , 2020 , 11, 440	8.4	10
27	Development of the adaptive NK cell response to human cytomegalovirus in the context of aging. <i>Mechanisms of Ageing and Development</i> , 2016 , 158, 23-6	5.6	9
26	Reply to Mela and Goodier. <i>Journal of Infectious Diseases</i> , 2007 , 195, 159-160	7	9

25	Impact of cytomegalovirus infection on B cell differentiation and cytokine production in multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2020 , 17, 161	10.1	9
24	NK cell mediated recognition of HLA class Ib molecules: role of CD94/NKG2 receptors. <i>Journal of Reproductive Immunology</i> , 1999 , 43, 167-73	4.2	8
23	Costimulation of cAMP and protein kinase C pathways inhibits the CD3-dependent T cell activation and leads to a persistent expression of the AP-1 transcription factor. <i>Cellular Immunology</i> , 1993 , 149, 343-56	4.4	7
22	NK receptors: tools for a polyvalent cell family. <i>Frontiers in Immunology</i> , 2014 , 5, 617	8.4	5
21	The CD94/NKG2C-type lectin receptor complex in recognition of HLA class I molecules. <i>Research in Immunology</i> , 1997 , 148, 155-9		5
20	Interleukin 2 and interferon-gamma are not sufficient to induce natural killer-like activity in human T cell clones. <i>European Journal of Immunology</i> , 1984 , 14, 1137-41	6.1	5
19	Natural Killer Cell-Based Immunotherapy in Acute Myeloid Leukemia: Lessons for the Future. <i>Clinical Cancer Research</i> , 2016 , 22, 1831-3	12.9	4
18	Natural killer cell receptor expression reflects the role of human cytomegalovirus in the pathogenesis of a subset of CD4+ T-cell large granular lymphocytosis. <i>Human Immunology</i> , 2011 , 72, 226-8	2.3	4
17	Intrahepatic enhanced expression of beta2-microglobulin conformational epitope in acute liver allograft rejection: evidence of modulation by glucocorticoids. <i>Digestive Diseases and Sciences</i> , 1998 , 43, 1755-62	4	4
16	Functional analysis of peripheral blood lymphocytes isolated from patients with chronic hepatitis type B. <i>Digestive Diseases and Sciences</i> , 1992 , 37, 73-8	4	4
15	Peripheral blood lymphocyte subsets change after steroid withdrawal in renal allograft recipients: a prospective study. <i>Scientific Reports</i> , 2019 , 9, 7453	4.9	3
14	Functional resemblance between the Ig-related NK cell receptors specific for HLA class I molecules and the CD94 C-type lectin. <i>Chemical Immunology and Allergy</i> , 1996 , 64, 116-34		3
13	NK cells eliminate Epstein-Barr virus bound to B cells through a specific antibody-mediated uptake. <i>PLoS Pathogens</i> , 2021 , 17, e1009868	7.6	3
12	Human T cell receptor-mediated recognition of HLA-E 2002 , 32, 936		3
11	Adaptive NKG2C+ natural killer cells are related to exacerbations and nutritional abnormalities in COPD patients. <i>Respiratory Research</i> , 2020 , 21, 63	7.3	2
10	Receptores específicos para moléculas HLA de clase I en la artritis reumatoide. <i>Seminarios De La Fundación Española De Reumatología</i> , 2005 , 6, 20-27		2
9	Reduced expansion of CD94/NKG2C NK cells in chronic lymphocytic leukemia and CLL-like monoclonal B-cell lymphocytosis is not related to increased human cytomegalovirus seronegativity or NKG2C deletions. <i>International Journal of Laboratory Hematology</i> , 2021 , 43, 1032-1040	2.5	2
8	CD137 Costimulation Counteracts TGF β Inhibition of NK-cell Antitumor Function. <i>Cancer Immunology Research</i> , 2021 , 9, 1476-1490	12.5	2

7	High toxic efficiency of ricin immunotoxins specific for the T-cell antigen receptor of a human leukemia T-cell line. <i>International Journal of Cancer</i> , 1989 , 43, 697-702	7.5	1
6	Complete genomic characterization of a new KLRC2 allele, NKG2C*03. <i>Hla</i> , 2021 , 98, 259-261	1.9	1
5	Specific engagement of the CD94/NKG2-A killer inhibitory receptor by the HLA-E class Ib molecule induces SHP-1 phosphatase recruitment to tyrosine-phosphorylated NKG2-A: evidence for receptor function in heterologous transfectants 1998 , 28, 1280		1
4	The ILT2(LIR1) and CD94/NKG2A NK cell receptors respectively recognize HLA-G1 and HLA-E molecules co-expressed on target cells 1999 , 29, 277		1
3	Reduced Expression of the CD94/NKG2C NK Cell Receptor in Chronic Lymphocytic Leukemia (CLL) and CLL-like Monoclonal B-Cell Lymphocytosis (MBL). <i>Blood</i> , 2019 , 134, 5457-5457	2.2	0
2	Long-Term Evolution of the Adaptive NKG2C NK Cell Response to Cytomegalovirus Infection in Kidney Transplantation: An Insight on the Diversity of Host-Pathogen Interaction. <i>Journal of Immunology</i> , 2021 , 207, 1882-1890	5.3	0
1	Impact of Zygoty on Bimodal Phenotype Distributions. <i>Biophysical Journal</i> , 2017 , 113, 148-156	2.9	