

# Cristina Bottino

## List of Publications by Citations

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162  
papers

19,976  
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69  
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141  
g-index

171  
ext. papers

21,463  
ext. citations

8.6  
avg, IF

5.8  
L-index

#	Paper	IF	Citations
162	Activating receptors and coreceptors involved in human natural killer cell-mediated cytotoxicity. <i>Annual Review of Immunology</i> , <b>2001</b> , 19, 197-223	34.7	1446
161	Receptors for HLA class-I molecules in human natural killer cells. <i>Annual Review of Immunology</i> , <b>1996</b> , 14, 619-48	34.7	747
160	Identification of PVR (CD155) and Nectin-2 (CD112) as cell surface ligands for the human DNAM-1 (CD226) activating molecule. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 198, 557-67	16.6	658
159	Identification and molecular characterization of NKp30, a novel triggering receptor involved in natural cytotoxicity mediated by human natural killer cells. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 190, 1505-16	16.6	596
158	NKp44, a novel triggering surface molecule specifically expressed by activated natural killer cells, is involved in non-major histocompatibility complex-restricted tumor cell lysis. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 187, 2065-72	16.6	575
157	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
156	Transforming growth factor beta 1 inhibits expression of NKp30 and NKG2D receptors: consequences for the NK-mediated killing of dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 4120-5	11.5	496
155	P58 molecules as putative receptors for major histocompatibility complex (MHC) class I molecules in human natural killer (NK) cells. Anti-p58 antibodies reconstitute lysis of MHC class I-protected cells in NK clones displaying different specificities. <i>Journal of Experimental Medicine</i> , <b>1993</b> , 178, 597-604	16.6	477
154	Molecular cloning of NKp46: a novel member of the immunoglobulin superfamily involved in triggering of natural cytotoxicity. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 188, 953-60	16.6	458
153	p46, a novel natural killer cell-specific surface molecule that mediates cell activation. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 1129-36	16.6	413
152	Existence of both inhibitory (p58) and activatory (p50) receptors for HLA-C molecules in human natural killer cells. <i>Journal of Experimental Medicine</i> , <b>1995</b> , 182, 875-84	16.6	401
151	X-linked lymphoproliferative disease. 2B4 molecules displaying inhibitory rather than activating function are responsible for the inability of natural killer cells to kill Epstein-Barr virus-infected cells. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 337-46	16.6	398
150	NKp44, a triggering receptor involved in tumor cell lysis by activated human natural killer cells, is a novel member of the immunoglobulin superfamily. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 189, 787-96	16.6	369
149	NKp46 is the major triggering receptor involved in the natural cytotoxicity of fresh or cultured human NK cells. Correlation between surface density of NKp46 and natural cytotoxicity against autologous, allogeneic or xenogeneic target cells. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 1656-66	6.1	355
148	Identification of four subsets of human CD3-CD16+ natural killer (NK) cells by the expression of clonally distributed functional surface molecules: correlation between subset assignment of NK clones and ability to mediate specific alloantigen recognition. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 179, 1509-20	16.6	346
147	The natural killer cell receptor specific for HLA-A allotypes: a novel member of the p58/p70 family of inhibitory receptors that is characterized by three immunoglobulin-like domains and is expressed as a 140-kD disulphide-linked dimer. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 184, 505-18	16.6	313
146	Major histocompatibility complex class I-specific receptors on human natural killer and T lymphocytes. <i>Immunological Reviews</i> , <b>1997</b> , 155, 105-17	11.3	305

145	Natural killer cells in HIV-1 infection: dichotomous effects of viremia on inhibitory and activating receptors and their functional correlates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 15011-6	11.5	302
144	The human leukocyte antigen (HLA)-C-specific "activatory" or "inhibitory" natural killer cell receptors display highly homologous extracellular domains but differ in their transmembrane and intracytoplasmic portions. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 183, 645-50	16.6	299
143	Natural cytotoxicity receptors that trigger human NK-cell-mediated cytotoxicity. <i>Trends in Immunology</i> , <b>2000</b> , 21, 228-34		296
142	What is a natural killer cell?. <i>Nature Immunology</i> , <b>2002</b> , 3, 6-8	19.1	282
141	Role of NKG2D in tumor cell lysis mediated by human NK cells: cooperation with natural cytotoxicity receptors and capability of recognizing tumors of nonepithelial origin. <i>European Journal of Immunology</i> , <b>2001</b> , 31, 1076-1086	6.1	273
140	NTB-A [correction of GNTB-A], a novel SH2D1A-associated surface molecule contributing to the inability of natural killer cells to kill Epstein-Barr virus-infected B cells in X-linked lymphoproliferative disease. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 194, 235-46	16.6	261
139	Human natural killer cell receptors and co-receptors. <i>Immunological Reviews</i> , <b>2001</b> , 181, 203-14	11.3	245
138	Alternatively spliced NKp30 isoforms affect the prognosis of gastrointestinal stromal tumors. <i>Nature Medicine</i> , <b>2011</b> , 17, 700-7	50.5	244
137	Effector and regulatory events during natural killer-dendritic cell interactions. <i>Immunological Reviews</i> , <b>2006</b> , 214, 219-28	11.3	235
136	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> , <b>1997</b> , 27, 563-7	6.1	228
135	Surface NK receptors and their ligands on tumor cells. <i>Seminars in Immunology</i> , <b>2006</b> , 18, 151-8	10.7	228
134	NK cells recognize and kill human glioblastoma cells with stem cell-like properties. <i>Journal of Immunology</i> , <b>2009</b> , 182, 3530-9	5.3	220
133	Identification of 4Ig-B7-H3 as a neuroblastoma-associated molecule that exerts a protective role from an NK cell-mediated lysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 12640-5	11.5	208
132	DNAM-1 and PVR regulate monocyte migration through endothelial junctions. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 199, 1331-41	16.6	207
131	A novel surface antigen expressed by a subset of human CD3- CD16+ natural killer cells. Role in cell activation and regulation of cytolytic function. <i>Journal of Experimental Medicine</i> , <b>1990</b> , 171, 695-714	16.6	206
130	Cellular ligands of activating NK receptors. <i>Trends in Immunology</i> , <b>2005</b> , 26, 221-6	14.4	203
129	Expression of the DNAM-1 ligands, Nectin-2 (CD112) and poliovirus receptor (CD155), on dendritic cells: relevance for natural killer-dendritic cell interaction. <i>Blood</i> , <b>2006</b> , 107, 2030-6	2.2	203
128	Natural killer cell-mediated killing of freshly isolated neuroblastoma cells: critical role of DNAM-1 accessory molecule-1-poliovirus receptor interaction. <i>Cancer Research</i> , <b>2004</b> , 64, 9180-4	10.1	198

127	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> , <b>1994</b> , 180, 545-55	16.6	189
126	Role of amino acid position 70 in the binding affinity of p50.1 and p58.1 receptors for HLA-Cw4 molecules. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 3095-9	6.1	187
125	Identification and molecular cloning of p75/AIRM1, a novel member of the sialoadhesin family that functions as an inhibitory receptor in human natural killer cells. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 190, 793-802	16.6	187
124	2B4 functions as a co-receptor in human NK cell activation. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 787-93	6.1	183
123	CD69-mediated pathway of lymphocyte activation: anti-CD69 monoclonal antibodies trigger the cytolytic activity of different lymphoid effector cells with the exception of cytolytic T lymphocytes expressing T cell receptor alpha/beta. <i>Journal of Experimental Medicine</i> , <b>1991</b> , 174, 1393-8	16.6	181
122	Two subsets of human T lymphocytes expressing gamma/delta antigen receptor are identifiable by monoclonal antibodies directed to two distinct molecular forms of the receptor. <i>Journal of Experimental Medicine</i> , <b>1988</b> , 168, 491-505	16.6	165
121	Identification of NKp80, a novel triggering molecule expressed by human NK cells. <i>European Journal of Immunology</i> , <b>2001</b> , 31, 233-42	6.1	164
120	The interaction of human natural killer cells with either unpolarized or polarized macrophages results in different functional outcomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 21659-64	11.5	160
119	Early expression of triggering receptors and regulatory role of 2B4 in human natural killer cell precursors undergoing in vitro differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 4526-31	11.5	159
118	Human NK-cell receptors. <i>Trends in Immunology</i> , <b>2000</b> , 21, 420-2		143
117	Different checkpoints in human NK-cell activation. <i>Trends in Immunology</i> , <b>2004</b> , 25, 670-6	14.4	130
116	Molecular and functional characterization of IRp60, a member of the immunoglobulin superfamily that functions as an inhibitory receptor in human NK cells. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 3148-59	6.1	128
115	The murine homologue of the human NKp46, a triggering receptor involved in the induction of natural cytotoxicity. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 1014-20	6.1	126
114	Comparative analysis of human NK cell activation induced by NKG2D and natural cytotoxicity receptors. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 961-71	6.1	121
113	CD94 functions as a natural killer cell inhibitory receptor for different HLA class I alleles: identification of the inhibitory form of CD94 by the use of novel monoclonal antibodies. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 2487-92	6.1	117
112	A novel surface molecule homologous to the p58/p50 family of receptors is selectively expressed on a subset of human natural killer cells and induces both triggering of cell functions and proliferation. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 1816-24	6.1	116
111	PVR (CD155) and Nectin-2 (CD112) as ligands of the human DNAM-1 (CD226) activating receptor: involvement in tumor cell lysis. <i>Molecular Immunology</i> , <b>2005</b> , 42, 463-9	4.3	108
110	A monoclonal antibody specific for a common determinant of the human T cell receptor gamma/delta directly activates CD3+WT31- lymphocytes to express their functional program(s). <i>Journal of Experimental Medicine</i> , <b>1988</b> , 168, 1-11	16.6	106

109	Mesenchymal Stromal Cells Induce Peculiar Alternatively Activated Macrophages Capable of Dampening Both Innate and Adaptive Immune Responses. <i>Stem Cells</i> , <b>2016</b> , 34, 1909-21	5.8	105
108	Neuroblastoma-derived TGF- $\beta$ modulates the chemokine receptor repertoire of human resting NK cells. <i>Journal of Immunology</i> , <b>2013</b> , 190, 5321-8	5.3	103
107	Human natural killer cells: Molecular mechanisms controlling NK cell activation and tumor cell lysis. <i>Immunology Letters</i> , <b>2005</b> , 100, 7-13	4.1	99
106	Analysis of natural killer cells isolated from human decidua: Evidence that 2B4 (CD244) functions as an inhibitory receptor and blocks NK-cell function. <i>Blood</i> , <b>2006</b> , 108, 4078-85	2.2	98
105	CD4(+) cutaneous T-cell lymphoma cells express the p140-killer cell immunoglobulin-like receptor. <i>Blood</i> , <b>2001</b> , 97, 1388-91	2.2	97
104	Physical and functional independency of p70 and p58 natural killer (NK) cell receptors for HLA class I: their role in the definition of different groups of alloreactive NK cell clones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 1453-7	11.5	96
103	The activating form of CD94 receptor complex: CD94 covalently associates with the Kp39 protein that represents the product of the NKG2-C gene. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 327-38	6.1	92
102	Antigen recognition by human T cell receptor gamma-positive lymphocytes. Specific lysis of allogeneic cells after activation in mixed lymphocyte culture. <i>Journal of Experimental Medicine</i> , <b>1988</b> , 167, 1517-22	16.6	87
101	Homophilic interaction of NTBA, a member of the CD2 molecular family: induction of cytotoxicity and cytokine release in human NK cells. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 1663-72	6.1	83
100	Self class I molecules protect normal cells from lysis mediated by autologous natural killer cells. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 1003-6	6.1	83
99	Analysis of the molecular mechanism involved in 2B4-mediated NK cell activation: evidence that human 2B4 is physically and functionally associated with the linker for activation of T cells. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 3718-22	6.1	77
98	The human natural cytotoxicity receptors (NCR) that induce HLA class I-independent NK cell triggering. <i>Human Immunology</i> , <b>2000</b> , 61, 1-6	2.3	76
97	Selection and characterization of T-cell variants lacking molecules involved in T-cell activation (T3 T-cell receptor, T44, and T11): analysis of the functional relationship among different pathways of activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1987</b> , 84, 1654-8	11.5	75
96	CD3+4-8-WT31-(T cell receptor gamma+) cells and other unusual phenotypes are frequently detected among spontaneously interleukin 2-responsive T lymphocytes present in the joint fluid in juvenile rheumatoid arthritis. A clonal analysis. <i>European Journal of Immunology</i> , <b>1987</b> , 17, 1815-9	6.1	74
95	Selective cross-talk among natural cytotoxicity receptors in human natural killer cells. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 1235-41	6.1	70
94	Human natural killer cell function and receptors. <i>Current Opinion in Pharmacology</i> , <b>2001</b> , 1, 387-91	5.1	69
93	Monoclonal antibodies which react with the T cell receptor gamma/delta recognize different subsets of CD3+WT31- T lymphocytes. <i>European Journal of Immunology</i> , <b>1989</b> , 19, 57-61	6.1	67
92	PD-L1 expression in metastatic neuroblastoma as an additional mechanism for limiting immune surveillance. <i>Onc Immunology</i> , <b>2016</b> , 5, e1064578	7.2	65

91	M-CSF induces the expression of a membrane-bound form of IL-18 in a subset of human monocytes differentiating in vitro toward macrophages. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 1618-26	6.1	64
90	Learning how to discriminate between friends and enemies, a lesson from Natural Killer cells. <i>Molecular Immunology</i> , <b>2004</b> , 41, 569-75	4.3	64
89	Characterization of CD3+, CD4-, CD8- clones expressing the putative T cell receptor gamma gene product. Analysis of the activation pathways leading to interleukin 2 production and triggering of the lytic machinery. <i>Journal of Experimental Medicine</i> , <b>1987</b> , 166, 277-82	16.6	64
88	CD59 is physically and functionally associated with natural cytotoxicity receptors and activates human NK cell-mediated cytotoxicity. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 3367-76	6.1	63
87	Molecular Mechanisms Directing Migration and Retention of Natural Killer Cells in Human Tissues. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2324	8.4	62
86	Natural killer cells and neuroblastoma: tumor recognition, escape mechanisms, and possible novel immunotherapeutic approaches. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 56	8.4	61
85	Surface molecules involved in the activation and regulation of T or natural killer lymphocytes in humans. <i>Immunological Reviews</i> , <b>1989</b> , 111, 145-75	11.3	61
84	TLR activation of tumor-associated macrophages from ovarian cancer patients triggers cytolytic activity of NK cells. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 1814-22	6.1	60
83	A combined immunodeficiency with severe infections, inflammation, and allergy caused by ARPC1B deficiency. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 2296-2299	11.5	59
82	Human NK cells and their receptors. <i>Microbes and Infection</i> , <b>2002</b> , 4, 1539-44	9.3	58
81	Analysis of natural killer cells in TAP2-deficient patients: expression of functional triggering receptors and evidence for the existence of inhibitory receptor(s) that prevent lysis of normal autologous cells. <i>Blood</i> , <b>2002</b> , 99, 1723-9	2.2	58
80	NK cell activating receptors and tumor recognition in humans. <i>Current Topics in Microbiology and Immunology</i> , <b>2006</b> , 298, 175-82	3.3	58
79	Small round blue cell tumours: diagnostic and prognostic usefulness of the expression of B7-H3 surface molecule. <i>Histopathology</i> , <b>2008</b> , 53, 73-80	7.3	57
78	Soluble HLA-G dampens CD94/NKG2A expression and function and differentially modulates chemotaxis and cytokine and chemokine secretion in CD56bright and CD56dim NK cells. <i>Blood</i> , <b>2011</b> , 118, 5840-50	2.2	53
77	NK Cells, Tumor Cell Transition, and Tumor Progression in Solid Malignancies: New Hints for NK-Based Immunotherapy?. <i>Journal of Immunology Research</i> , <b>2016</b> , 2016, 4684268	4.5	53
76	Both CD133+ and CD133- medulloblastoma cell lines express ligands for triggering NK receptors and are susceptible to NK-mediated cytotoxicity. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 3190-6	6.1	52
75	Triggering receptors involved in natural killer cell-mediated cytotoxicity against choriocarcinoma cell lines. <i>Human Immunology</i> , <b>2000</b> , 61, 1055-8	2.3	51
74	The human natural killer cell receptor for major histocompatibility complex class I molecules. Surface modulation of p58 molecules and their linkage to CD3 zeta chain, Fc epsilon RI gamma chain and the p56lck kinase. <i>European Journal of Immunology</i> , <b>1994</b> , 24, 2527-34	6.1	50



73	CD3+ WT31- peripheral T lymphocytes lack T44 (CD28), a surface molecule involved in activation of T cells bearing the alpha/beta heterodimer. <i>European Journal of Immunology</i> , <b>1987</b> , 17, 1065-8	6.1	49
72	Evidence that the KIR2DS5 gene codes for a surface receptor triggering natural killer cell function. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 2284-9	6.1	46
71	KIR and KIR ligand polymorphism: a new area for clinical applications?. <i>Tissue Antigens</i> , <b>2013</b> , 82, 363-73		44
70	Identification of the rat homologue of the human NKp46 triggering receptor. <i>Immunology Letters</i> , <b>1999</b> , 68, 411-4	4.1	44
69	Human T cells expressing the gamma/delta T-cell receptor (TcR-1): C gamma 1- and C gamma 2-encoded forms of the receptor correlate with distinctive morphology, cytoskeletal organization, and growth characteristics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1989</b> , 86, 1619-23	11.5	43
68	Nidogen-1 is a novel extracellular ligand for the NKp44 activating receptor. <i>OncolImmunology</i> , <b>2018</b> , 7, e1470730	7.2	40
67	Human cytolytic cell clones lacking surface expression of T cell receptor alpha/beta or gamma/delta. Evidence that surface structures other than CD3 or CD2 molecules are required for signal transduction. <i>Journal of Experimental Medicine</i> , <b>1988</b> , 168, 13-24	16.6	40
66	Surface receptors delivering opposite signals regulate the function of human NK cells. <i>Seminars in Immunology</i> , <b>2000</b> , 12, 129-38	10.7	39
65	Molecular and cellular analysis of human T lymphocytes expressing gamma delta T-cell receptor. <i>Immunological Reviews</i> , <b>1991</b> , 120, 117-35	11.3	39
64	Human NK cells and NK receptors. <i>Immunology Letters</i> , <b>2014</b> , 161, 168-73	4.1	38
63	TGF- $\beta$ Downregulates the Expression of CXCR1 by Inducing miR-27a-5p in Primary Human NK Cells. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 868	8.4	37
62	Natural killer cells: a mystery no more. <i>Scandinavian Journal of Immunology</i> , <b>2002</b> , 55, 229-32	3.4	35
61	Clonal analysis of CD4-CD8- human thymocytes expressing a T cell receptor gamma/delta chain. Direct evidence for the de novo expression of CD8 surface antigen and of cytolytic activity against tumor targets. <i>European Journal of Immunology</i> , <b>1988</b> , 18, 1831-4	6.1	35
60	Human natural killer cell activating receptors. <i>Molecular Immunology</i> , <b>2000</b> , 37, 1015-24	4.3	34
59	Human CD3+4-8-WT31- T lymphocyte populations expressing the putative T cell receptor gamma-gene product. A limiting dilution and clonal analysis. <i>European Journal of Immunology</i> , <b>1987</b> , 17, 1229-34	6.1	34
58	Human peripheral blood lymphocytes bearing T cell receptor gamma/delta. Expression of CD8 differentiation antigen correlates with the expression of the 55-kD, C gamma 2-encoded gamma chain. <i>Journal of Experimental Medicine</i> , <b>1988</b> , 168, 2349-54	16.6	34
57	In vivo generation of decidual natural killer cells from resident hematopoietic progenitors. <i>Haematologica</i> , <b>2014</b> , 99, 448-57	6.6	33
56	The molecular basis of natural killer (NK) cell recognition and function. <i>Journal of Clinical Immunology</i> , <b>1996</b> , 16, 243-53	5.7	32

55	Human NK receptors: from the molecules to the therapy of high risk leukemias. <i>FEBS Letters</i> , <b>2011</b> , 585, 1563-7	3.8	30
54	Cell surface expression of activating receptors and co-receptors on peripheral blood NK cells in systemic autoimmune diseases. <i>Scandinavian Journal of Rheumatology</i> , <b>2012</b> , 41, 298-304	1.9	29
53	A novel 120-kD surface antigen expressed by a subset of human lymphocytes. Evidence that lymphokine-activated killer cells express this molecule and use it in their effector function. <i>Journal of Experimental Medicine</i> , <b>1987</b> , 166, 319-26	16.6	29
52	Imatinib and Nilotinib Off-Target Effects on Human NK Cells, Monocytes, and M2 Macrophages. <i>Journal of Immunology</i> , <b>2017</b> , 199, 1516-1525	5.3	27
51	Combined genotypic and phenotypic killer cell Ig-like receptor analyses reveal KIR2DL3 alleles displaying unexpected monoclonal antibody reactivity: identification of the amino acid residues critical for staining. <i>Journal of Immunology</i> , <b>2010</b> , 185, 433-41	5.3	26
50	Functional characterization of natural killer cells in type I leukocyte adhesion deficiency. <i>Blood</i> , <b>2007</b> , 109, 4873-81	2.2	26
49	NK Cell Function Regulation by TGF- $\beta$ -Induced Epigenetic Mechanisms. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 311	8.4	24
48	GPR56 as a novel marker identifying the CD56 <sup>dull</sup> CD16 <sup>+</sup> NK cell subset both in blood stream and in inflamed peripheral tissues. <i>International Immunology</i> , <b>2010</b> , 22, 91-100	4.9	24
47	Cellular and molecular basis of natural killer and natural killer-like activity. <i>Immunology Letters</i> , <b>2003</b> , 88, 89-93	4.1	23
46	Natural killer cell-mediated recognition of human trophoblast. <i>Seminars in Cancer Biology</i> , <b>1999</b> , 9, 13-8	12.7	22
45	Receptors for HLA class I molecules in human NK cells. <i>Seminars in Immunology</i> , <b>1995</b> , 7, 67-73	10.7	21
44	New perspectives in glioma immunotherapy. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 2439-67	3.3	20
43	Human T lymphocytes expressing gamma/delta T cell antigen receptor. <i>Clinical Immunology and Immunopathology</i> , <b>1989</b> , 50, S117-23		20
42	Cell-Laden Hydrogel as a Clinical-Relevant 3D Model for Analyzing Neuroblastoma Growth, Immunophenotype, and Susceptibility to Therapies. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1876	8.4	18
41	Human natural killer receptors and their ligands. <i>Current Protocols in Immunology</i> , <b>2002</b> , Chapter 14, Unit 14.10	4	18
40	XLP1 inhibitory effect by 2B4 does not affect DNAM-1 and NKG2D activating pathways in NK cells. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 1526-34	6.1	17
39	Phenotypic and functional analysis of human CD3 <sup>+</sup> and CD3 <sup>-</sup> clones with "lymphokine-activated killer" (LAK) activity. Frequent occurrence of CD3 <sup>+</sup> LAK clones which produce interleukin-2. <i>International Journal of Cancer</i> , <b>1987</b> , 40, 495-8	7.5	17
38	Oxysterol mixture and, in particular, 27-hydroxycholesterol drive M2 polarization of human macrophages. <i>BioFactors</i> , <b>2016</b> , 42, 80-92	6.1	16



37	Identification and molecular characterization of a natural mutant of the p50.2/KIR2DS2 activating NK receptor that fails to mediate NK cell triggering. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 3569-74	6.1	15
36	Inhibitory 2B4 contributes to NK cell education and immunological derangements in XLP1 patients. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1051-1061	6.1	14
35	Hematopoietic stem cell transplantation: Improving alloreactive Bw4 donor selection by genotyping codon 86 of KIR3DL1/S1. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 1511-7	6.1	14
34	Surface receptors and functional interactions of human natural killer cells: from bench to the clinic. <i>Cellular and Molecular Life Sciences</i> , <b>2003</b> , 60, 2139-46	10.3	13
33	NK cells and multiple myeloma-associated endothelial cells: molecular interactions and influence of IL-27. <i>Oncotarget</i> , <b>2017</b> , 8, 35088-35102	3.3	13
32	HLA-specific and non-HLA-specific human NK receptors. <i>Current Topics in Microbiology and Immunology</i> , <b>1999</b> , 244, 69-84	3.3	13
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