

Roberto Biassoni

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155
papers

14,175
citations

55
h-index

118
g-index

164
ext. papers

15,064
ext. citations

7.2
avg, IF

5.46
L-index

#	Paper	IF	Citations
155	Activating receptors and coreceptors involved in human natural killer cell-mediated cytotoxicity. <i>Annual Review of Immunology</i> , 2001 , 19, 197-223	34.7	1446
154	Receptors for HLA class-I molecules in human natural killer cells. <i>Annual Review of Immunology</i> , 1996 , 14, 619-48	34.7	747
153	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> , 1999 , 190, 1505-16	16.6	596
152	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
151	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> , 2003 , 100, 4120-5	11.5	496
150	Molecular cloning of NKp46: a novel member of the immunoglobulin superfamily involved in triggering of natural cytotoxicity. <i>Journal of Experimental Medicine</i> , 1998 , 188, 953-60	16.6	458
149	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> , 2000 , 192, 337-46	16.6	398
148	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> , 1999 , 189, 787-96	16.6	369
147	Major histocompatibility complex class I-related chain A and UL16-binding protein expression on tumor cell lines of different histotypes: analysis of tumor susceptibility to NKG2D-dependent natural killer cell cytotoxicity. <i>Cancer Research</i> , 2002 , 62, 6178-86	10.1	360
146	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> , 1999 , 29, 1656-66	6.1	355
145	Inhibitory receptors sensing HLA-G1 molecules in pregnancy: decidua-associated natural killer cells express LIR-1 and CD94/NKG2A and acquire p49, an HLA-G1-specific receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 5674-9	11.5	316
144	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> , 1996 , 184, 505-18	16.6	313
143	Major histocompatibility complex class I-specific receptors on human natural killer and T lymphocytes. <i>Immunological Reviews</i> , 1997 , 155, 105-17	11.3	305
142	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> , 1996 , 183, 645-50	16.6	299
141	Natural cytotoxicity receptors that trigger human NK-cell-mediated cytotoxicity. <i>Trends in Immunology</i> , 2000 , 21, 228-34		296
140	What is a natural killer cell?. <i>Nature Immunology</i> , 2002 , 3, 6-8	19.1	282
139	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> , 2001 , 31, 1076-1086	6.1	273

138	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> , 2001 , 194, 235-46	16.6	261
137	NCRs and DNAM-1 mediate NK cell recognition and lysis of human and mouse melanoma cell lines in vitro and in vivo. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1251-63	15.9	260
136	Human natural killer cell receptors and co-receptors. <i>Immunological Reviews</i> , 2001 , 181, 203-14	11.3	245
135	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
134	Involvement of HLA class I alleles in natural killer (NK) cell-specific functions: expression of HLA-Cw3 confers selective protection from lysis by alloreactive NK clones displaying a defined specificity (specificity 2). <i>Journal of Experimental Medicine</i> , 1992 , 176, 963-71	16.6	195
133	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> , 1997 , 27, 3095-9	6.1	187
132	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> , 1999 , 190, 793-802	16.6	187
131	2B4 functions as a co-receptor in human NK cell activation. <i>European Journal of Immunology</i> , 2000 , 30, 787-93	6.1	183
130	Amino acid substitutions can influence the natural killer (NK)-mediated recognition of HLA-C molecules. Role of serine-77 and lysine-80 in the target cell protection from lysis mediated by "group 2" or "group 1" NK clones. <i>Journal of Experimental Medicine</i> , 1995 , 182, 605-9	16.6	176
129	Human natural killer cells: origin, clonality, specificity, and receptors. <i>Advances in Immunology</i> , 1994 , 55, 341-80	5.6	165
128	Identification of NKp80, a novel triggering molecule expressed by human NK cells. <i>European Journal of Immunology</i> , 2001 , 31, 233-42	6.1	164
127	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> , 2002 , 99, 4526-31	11.5	159
126	Human NK-cell receptors. <i>Trends in Immunology</i> , 2000 , 21, 420-2		143
125	p49, a putative HLA class I-specific inhibitory NK receptor belonging to the immunoglobulin superfamily. <i>European Journal of Immunology</i> , 1998 , 28, 1980-90	6.1	134
124	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> , 1999 , 29, 3148-59	6.1	128
123	The murine homologue of the human NKp46, a triggering receptor involved in the induction of natural cytotoxicity. <i>European Journal of Immunology</i> , 1999 , 29, 1014-20	6.1	126
122	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> , 1996 , 26, 1816-24	6.1	116
121	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

120	Reconstituted killer cell inhibitory receptors for major histocompatibility complex class I molecules control mast cell activation induced via immunoreceptor tyrosine-based activation motifs. <i>Journal of Biological Chemistry</i> , 1997 , 272, 8989-96	5.4	97
119	CD4(+) cutaneous T-cell lymphoma cells express the p140-killer cell immunoglobulin-like receptor. <i>Blood</i> , 2001 , 97, 1388-91	2.2	97
118	Human natural killer cell receptors: insights into their molecular function and structure. <i>Journal of Cellular and Molecular Medicine</i> , 2003 , 7, 376-87	5.6	93
117	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> , 1998 , 28, 327-38	6.1	92
116	The three-dimensional structure of the human NK cell receptor NKp44, a triggering partner in natural cytotoxicity. <i>Structure</i> , 2003 , 11, 725-34	5.2	84
115	The analysis of the natural killer-like activity of human cytolytic T lymphocytes revealed HLA-E as a novel target for TCR alpha/beta-mediated recognition. <i>European Journal of Immunology</i> , 2001 , 31, 3687-3693	6.1	83
114	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> , 2000 , 30, 3718-22	6.1	77
113	The human natural cytotoxicity receptors (NCR) that induce HLA class I-independent NK cell triggering. <i>Human Immunology</i> , 2000 , 61, 1-6	2.3	76
112	Specific recognition of human CD3-CD16+ natural killer cells requires the expression of an autosomic recessive gene on target cells. <i>Journal of Experimental Medicine</i> , 1990 , 172, 47-52	16.6	75
111	Identification of HLA-E-specific alloreactive T lymphocytes: a cell subset that undergoes preferential expansion in mixed lymphocyte culture and displays a broad cytolytic activity against allogeneic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 11328-33	11.5	74
110	In vitro proliferation and cloning of CD3- CD16+ cells from human thymocyte precursors. <i>Journal of Experimental Medicine</i> , 1991 , 174, 21-6	16.6	74
109	HLA-class I-specific inhibitory receptors in human cytolytic T lymphocytes: molecular characterization, distribution in lymphoid tissues and co-expression by individual T cells. <i>International Immunology</i> , 1997 , 9, 485-91	4.9	65
108	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> , 1987 , 166, 277-82	16.6	64
107	New nomenclature for MHC receptors. <i>Nature Immunology</i> , 2001 , 2, 661	19.1	63
106	Natural killer cells in HIV controller patients express an activated effector phenotype and do not up-regulate NKp44 on IL-2 stimulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11970-5	11.5	59
105	Membrane-bound and soluble IL-15/IL-15Ralpha complexes display differential signaling and functions on human hematopoietic progenitors. <i>Blood</i> , 2005 , 106, 2302-10	2.2	59
104	Human NK cells and their receptors. <i>Microbes and Infection</i> , 2002 , 4, 1539-44	9.3	58
103	Identification, molecular cloning and functional characterization of NKp46 and NKp30 natural cytotoxicity receptors in <i>Macaca fascicularis</i> NK cells. <i>European Journal of Immunology</i> , 2001 , 31, 3546-56	6.1	56

102	Expression and function of the insulin-like growth factor I system in human non-small-cell lung cancer and normal lung cell lines. <i>International Journal of Cancer</i> , 1994 , 56, 858-66	7.5	55
101	CLONAL ANALYSIS OF T LYMPHOCYTES ISOLATED FROM OVARIAN CARCINOMA ASCITIC FLUID. PHENOTYPIC AND FUNCTIONAL CHARACTERIZATION OF T-CELL CLONES CAPABLE OF LYSING AUTOLOGOUS CARCINOMA CELLS. <i>International Journal of Cancer</i> , 1985 , 36, 337-343	7.5	54
100	Expression of human NKRP1A by CD34+ immature thymocytes: NKRP1A-mediated regulation of proliferation and cytolytic activity. <i>European Journal of Immunology</i> , 1996 , 26, 1266-72	6.1	49
99	Identification of the rat homologue of the human NKp46 triggering receptor. <i>Immunology Letters</i> , 1999 , 68, 411-4	4.1	44
98	Natural killer cell acceptance of H-2 mismatch bone marrow grafts in transgenic mice expressing HLA-Cw3 specific killer cell inhibitory receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 8088-92	11.5	42
97	Surface receptors delivering opposite signals regulate the function of human NK cells. <i>Seminars in Immunology</i> , 2000 , 12, 129-38	10.7	39
96	Natural killer cell receptors. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 640, 35-52	3.6	37
95	Molecular and functional characterization of NKG2D, NKp80, and NKG2C triggering NK cell receptors in rhesus and cynomolgus macaques: monitoring of NK cell function during simian HIV infection. <i>Journal of Immunology</i> , 2005 , 174, 5695-705	5.3	37
94	Human natural killer receptors, co-receptors, and their ligands. <i>Current Protocols in Immunology</i> , 2009 , Chapter 14, Unit 14.10	4	36
93	Structural and functional aspects of the Ly49 natural killer cell receptors. <i>Immunology and Cell Biology</i> , 2005 , 83, 1-8	5	36
92	Natural killer cells: a mystery no more. <i>Scandinavian Journal of Immunology</i> , 2002 , 55, 229-32	3.4	35
91	In vitro expansion of CD3/TCR- human thymocyte populations that selectively lack CD3 delta gene expression: a phenotypic and functional analysis. <i>Journal of Experimental Medicine</i> , 1990 , 172, 1409-18	16.6	35
90	Human natural killer cell activating receptors. <i>Molecular Immunology</i> , 2000 , 37, 1015-24	4.3	34
89	Clonal analysis of T lymphocytes infiltrating the thyroid gland in Hashimoto's thyroiditis. <i>International Archives of Allergy and Immunology</i> , 1987 , 82, 141-6	3.7	33
88	The molecular basis of natural killer (NK) cell recognition and function. <i>Journal of Clinical Immunology</i> , 1996 , 16, 243-53	5.7	32
87	Adverse events linked with the use of chimeric and humanized anti-CD20 antibodies in children with idiopathic nephrotic syndrome. <i>British Journal of Clinical Pharmacology</i> , 2018 , 84, 1238-1249	3.8	31
86	Multiplex real-time PCR for detection of deletions and duplications in dystrophin gene. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 339, 145-50	3.4	31
85	Isolation and in vitro expansion of lymphocytes infiltrating non-small cell lung carcinoma: functional and molecular characterisation for their use in adoptive immunotherapy. <i>European Journal of Cancer</i> , 1994 , 30A, 97-102	7.5	30

84	Differentiation in the murine B cell lymphoma I.29: individual mu + clones may be induced by lipopolysaccharide to both IgM secretion and isotype switching. <i>European Journal of Immunology</i> , 1987 , 17, 555-62	6.1	30
83	Structure of the human NK cell triggering receptor NKp46 ectodomain. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 309, 317-23	3.4	29
82	Extrathymic differentiation of T lymphocytes and natural killer cells from human embryonic liver precursors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 4465-9	11.5	29
81	Reciprocal expression of CD70 and of its receptor, CD27, in human long term-activated T and natural killer (NK) cells: inverse regulation by cytokines and role in induction of cytotoxicity. <i>Clinical and Experimental Immunology</i> , 1997 , 107, 608-13	6.2	29
80	High levels of PROM1 (CD133) transcript are a potential predictor of poor prognosis in medulloblastoma. <i>Neuro-Oncology</i> , 2011 , 13, 500-8	1	28
79	Selective effects of neonatal hypothyroidism on monoamine oxidase activities in the rat brain. <i>Journal of Neurochemistry</i> , 1983 , 40, 1019-25	6	28
78	Characterization of glioma stem cells through multiple stem cell markers and their specific sensitization to double-strand break-inducing agents by pharmacological inhibition of ataxia telangiectasia mutated protein. <i>Brain Pathology</i> , 2012 , 22, 677-88	6	26
77	Differential NKp30 inducibility in chimpanzee NK cells and conserved NK cell phenotype and function in long-term HIV-1-infected animals. <i>Journal of Immunology</i> , 2007 , 178, 1702-12	5.3	26
76	Cellular and molecular basis of natural killer and natural killer-like activity. <i>Immunology Letters</i> , 2003 , 88, 89-93	4.1	23
75	Natural killer cell-mediated recognition of human trophoblast. <i>Seminars in Cancer Biology</i> , 1999 , 9, 13-8	12.7	22
74	NKp44 expression, phylogenesis and function in non-human primate NK cells. <i>International Immunology</i> , 2009 , 21, 245-55	4.9	21
73	Receptors for HLA class I molecules in human NK cells. <i>Seminars in Immunology</i> , 1995 , 7, 67-73	10.7	21
72	Human CD3-CD16+ natural killer cells express the hGATA-3 T cell transcription factor and an unrearranged 2.3-kb TcR delta transcript. <i>European Journal of Immunology</i> , 1993 , 23, 1083-7	6.1	21
71	Structure of the Ly49 family of natural killer (NK) cell receptors and their interaction with MHC class I molecules. <i>Immunologic Research</i> , 2004 , 30, 95-104	4.3	20
70	Structure of the saccharide-binding domain of the human natural killer cell inhibitory receptor p75/AIRM1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004 , 60, 401-3		20
69	P49, a putative HLA-G1 specific inhibitory NK receptor belonging to the immunoglobulin Superfamily. <i>Journal of Reproductive Immunology</i> , 1999 , 43, 157-65	4.2	20
68	CD8+ NK cells are predominant in chimpanzees, characterized by high NCR expression and cytokine production, and preserved in chronic HIV-1 infection. <i>European Journal of Immunology</i> , 2010 , 40, 1440-50	6.1	19
67	Selective effects of thiol reagents on the binding sites for imipramine and neurotransmitter amines in the rat brain. <i>British Journal of Pharmacology</i> , 1985 , 85, 447-56	8.6	19

66	NK cell receptors and their interactions with MHC. <i>Current Pharmaceutical Design</i> , 2009 , 15, 3301-10	3.3	18
65	Structural and functional aspects of the Ly49 natural killer cell receptors. <i>Immunology and Cell Biology</i> , 2005 , 83, 1-8	5	18
64	Human natural killer receptors and their ligands. <i>Current Protocols in Immunology</i> , 2002 , Chapter 14, Unit 14.10	4	18
63	The control of membrane and secreted heavy chain biosynthesis varies in different immunoglobulin isotypes produced by a monoclonal B cell lymphoma. <i>Molecular Immunology</i> , 1988 , 25, 189-97	4.3	18
62	Epidemiology of carbapenemase-producing Enterobacteriaceae in a pediatric hospital in a country with high endemicity. <i>Journal of Infection and Public Health</i> , 2019 , 12, 270-274	7.4	17
61	Activating Killer Immunoglobulin Receptors and HLA-C: a successful combination providing HIV-1 control. <i>Scientific Reports</i> , 2017 , 7, 42470	4.9	16
60	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> , 2000 , 30, 3569-74	6.1	15
59	Whole-genome sequencing as standard practice for the analysis of clonality in outbreaks of methicillin-resistant <i>Staphylococcus aureus</i> in a paediatric setting. <i>Journal of Hospital Infection</i> , 2016 , 93, 375-81	6.9	15
58	Gut Bacteria and their Metabolites: Which One Is the Defendant for Colorectal Cancer?. <i>Microorganisms</i> , 2019 , 7,	4.9	14
57	Enigmatic in vivo iduronate-2-sulfatase (IDS) mutant transcript correction to wild-type in Hunter syndrome. <i>Human Mutation</i> , 2010 , 31, E1261-85	4.7	13
56	Molecular analysis and solution structure from small-angle X-ray scattering of the human natural killer inhibitory receptor IRp60 (CD300a). <i>International Journal of Biological Macromolecules</i> , 2007 , 40, 193-200	7.9	13
55	Cyclosporin-A inhibits IL-2 production by all human T-cell clones having this function, independent of the T4/T8 phenotype or the coexpression of cytolytic activity. <i>Clinical Immunology and Immunopathology</i> , 1986 , 38, 79-84		13
54	Development and clinical validation of a real-time PCR using a uni-molecular Scorpion-based probe for the detection of <i>Mycoplasma pneumoniae</i> in clinical isolates. <i>New Microbiologica</i> , 2007 , 30, 415-21	1.1	13
53	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
52	Analysis of NADP+-dependent isocitrate dehydrogenase-1/2 gene mutations in pediatric brain tumors: report of a secondary anaplastic astrocytoma carrying the IDH1 mutation. <i>Journal of Neuro-Oncology</i> , 2012 , 109, 477-84	4.8	11
51	Detection of transplacental melanoma metastasis using quantitative PCR. <i>Diagnostic Molecular Pathology</i> , 2010 , 19, 78-82		11
50	Entropically assisted carbohydrate recognition by a natural killer cell-surface receptor. <i>ChemBioChem</i> , 2004 , 5, 1571-5	3.8	11
49	IFN-alpha mediates the up-regulation of HLA class I on melanoma cells without switching proteasome to immunoproteasome. <i>International Immunology</i> , 2003 , 15, 1415-21	4.9	11

48	Immunobiology of human NK cells. <i>Transplantation Proceedings</i> , 2001 , 33, 60-1	1.1	11
47	Surface receptors that regulate the NK cell function: beyond the NK cell scope. <i>Current Topics in Microbiology and Immunology</i> , 2002 , 266, 11-22	3.3	11
46	Human Natural Killer Receptors, Co-Receptors, and Their Ligands. <i>Current Protocols in Immunology</i> , 2018 , 121, e47	4	10
45	Twenty years of qPCR: a mature technology?. <i>Methods in Molecular Biology</i> , 2014 , 1160, 1-3	1.4	10
44	Detection of ganciclovir resistance mutations by pyrosequencing in HCMV-infected pediatric patients. <i>Journal of Clinical Virology</i> , 2012 , 54, 48-55	14.5	10
43	Molecular characterization of hospital-acquired methicillin-resistant <i>Staphylococcus aureus</i> strains in pediatric outbreaks using variable tandem repeat analysis with spa and ClfB typing. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011 , 69, 213-7	2.9	10
42	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
41	Gonadal influences on the sexual differentiation of monoamine oxidase type A and B activities in the rat brain. <i>Journal of Neurochemistry</i> , 1981 , 37, 640-8	6	10
40	Moyamoya vasculopathy shows a genetic mutational gradient decreasing from East to West. <i>Journal of Neurosurgical Sciences</i> , 2020 , 64, 165-172	1.3	10
39	Molecular fingerprinting reflects different histotypes and brain region in low grade gliomas. <i>BMC Cancer</i> , 2013 , 13, 387	4.8	9
38	Natural killer cells in hepatitis C virus infection. <i>Expert Review of Clinical Immunology</i> , 2012 , 8, 775-88	5.1	9
37	Effects of neonatal dysthyroidism on serotonin type 1 and type 2 receptors in rat brain. <i>European Journal of Pharmacology</i> , 1983 , 95, 53-63	5.3	9
36	Stability and Expression Levels of HLA-C on the Cell Membrane Modulate HIV-1 Infectivity. <i>Journal of Virology</i> , 2018 , 92,	6.6	8
35	Spontaneous control of HIV-1 viremia in a subject with protective HLA-B plus HLA-C alleles and HLA-C associated single nucleotide polymorphisms. <i>Journal of Translational Medicine</i> , 2014 , 12, 335	8.5	8
34	Troubleshooting fine-tuning procedures for qPCR system design. <i>Journal of Clinical Laboratory Analysis</i> , 2011 , 25, 389-94	3	8
33	Gut Microbiota in T1DM-Onset Pediatric Patients: Machine-Learning Algorithms to Classify Microorganisms as Disease Linked. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	8
32	Human leukocyte antigen-B (-Bw6/-Bw4 I80, T80) and human leukocyte antigen-C (-C1/-C2) subgrouping using pyrosequence analysis. <i>Human Immunology</i> , 2011 , 72, 859-68	2.3	7
31	Expression, crystallization and preliminary crystallographic analysis of the extracellular IgV-like domain of the human natural killer cell inhibitory receptor p75/AIRM1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003 , 59, 1856-8		7

30	Phenotypic and functional characterization of T cell clones following allogeneic bone marrow transplantation. <i>Transplantation</i> , 1989 , 47, 838-43	1.8	7
29	Comparative analysis of NK-cell receptor expression and function across primate species: Perspective on antiviral defenses. <i>Self/nonself</i> , 2010 , 1, 103-113		6
28	Human natural killer cell receptor functions and their implication in diseases. <i>Expert Review of Clinical Immunology</i> , 2005 , 1, 405-17	5.1	6
27	Crystallization and preliminary crystallographic characterization of the extracellular Ig-like domain of human natural killer cell activating receptor NKp44. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002 , 58, 1843-5		6
26	Expression and crystallographic characterization of the extracellular domain of human natural killer cell triggering receptor NKp46. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003 , 59, 2259-61		6
25	Cellular and molecular pathogenesis of X-linked lymphoproliferative disease. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2001 , 1, 513-7	3.3	6
24	Expression of a wide T cell receptor V beta repertoire in human T lymphocytes derived in vitro from embryonic liver cell precursors. <i>European Journal of Immunology</i> , 1994 , 24, 2258-61	6.1	6
23	A novel surface molecule expressed by long-term cultured T and natural killer cells is involved in cell activation. <i>European Journal of Immunology</i> , 1991 , 21, 1981-7	6.1	6
22	TP53 codon 72 polymorphism may predict early tumour progression in paediatric pilocytic astrocytoma. <i>Oncotarget</i> , 2016 , 7, 47918-47926	3.3	6
21	Receptor modulation and functional activation of human CD34+ Lin- -derived immature NK cells in vitro by Mycobacterium bovis Bacillus Calmette-Guerin (BCG). <i>European Journal of Immunology</i> , 2012 , 42, 2459-70	6.1	5
20	Antiproliferative effect of DNA polymerase alpha antisense oligodeoxynucleotides on breast cancer cells. <i>Experimental Cell Research</i> , 1993 , 206, 318-22	4.2	5
19	Gonadal influences on the inhibition of monoamine oxidase type B activity. <i>Journal of Neuroscience Research</i> , 1982 , 8, 13-9	4.4	4
18	Genomic characterization of a paediatric MRSA outbreak by next-generation sequencing. <i>Journal of Hospital Infection</i> , 2018 , 98, 155-160	6.9	4
17	Development and validation of a multiplex quantitative polymerase chain reaction assay for the detection of Mollicutes impurities in human cells, cultured under good manufacturing practice conditions, and following European Pharmacopoeia requirements and the International Conference on Harmonization guidelines. <i>Cytotherapy</i> , 2012 , 14, 752-66	4.8	3
16	Phenotypic, functional and molecular analysis of CD3- LGL expansions indicates a relationship to two different CD3- normal counterparts. <i>British Journal of Haematology</i> , 1994 , 86, 740-5	4.5	3
15	X-linked lymphoproliferative disease: the dark side of 2b4 function. <i>Advances in Experimental Medicine and Biology</i> , 2001 , 495, 63-7	3.6	3
14	An improved method for HLA-B and -C supratyping. <i>Journal of Immunological Methods</i> , 2015 , 426, 29-34	2.5	2
13	Molecular Structures of HLA-Specific Human NK Cell Receptors. <i>Chemical Immunology and Allergy</i> , 1996 , 64, 88-103		2

12	Molecular Structures of HLA-Specific Human NK Cell Receptors. <i>Chemical Immunology and Allergy</i> , 1996 , 64, 88-103		2
11	The whole genome sequencing of <i>Acinetobacter-calcoaceticus-baumannii</i> complex strains involved in suspected outbreak in an Intensive Care Unit of a pediatric hospital. <i>Journal of Hospital Administration</i> , 2016 , 5, 81	0.3	2
10	HLA-B and HLA-C Supratyping by Pyrosequencing . <i>Methods in Molecular Biology</i> , 2015 , 1315, 133-51	1.4	1
9	HLA class-I-specific NK receptors belong to two distinct molecular families and display inhibitory or activating function. <i>Research in Immunology</i> , 1997 , 148, 146-50		1
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