

Hans-Gustaf Ljunggren

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7616470/hans-gustaf-ljunggren-publications-by-citations.pdf>

Version: 2023-06-01

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185
papers

20,798
citations

67
h-index

143
g-index

197
ext. papers

24,339
ext. citations

10.1
avg, IF

6.57
L-index

#	Paper	IF	Citations
185	In search of the missing self-MHC molecules and NK cell recognition. <i>Trends in Immunology</i> , 1990 , 11, 237-44		2077
184	Selective rejection of H-2-deficient lymphoma variants suggests alternative immune defence strategy. <i>Nature</i> , 1986 , 319, 675-8	47.5	1668
183	Robust T Cell Immunity in Convalescent Individuals with Asymptomatic or Mild COVID-19. <i>Cell</i> , 2020 , 183, 158-168.e14	54.5	922
182	Association of class I major histocompatibility heavy and light chains induced by viral peptides. <i>Nature</i> , 1989 , 340, 443-8	47.5	934
181	Empty MHC class I molecules come out in the cold. <i>Nature</i> , 1990 , 346, 476-80	47.5	821
180	Host resistance directed selectively against H-2-deficient lymphoma variants. Analysis of the mechanism. <i>Journal of Experimental Medicine</i> , 1985 , 162, 1745-59	16.2	608
179	Synergy among receptors on resting NK cells for the activation of natural cytotoxicity and cytokine secretion. <i>Blood</i> , 2006 , 107, 159-66	2.1	545
178	Regulation of human NK-cell cytokine and chemokine production by target cell recognition. <i>Blood</i> , 2010 , 115, 2167-76	2.1	527
177	Expression patterns of NKG2A, KIR, and CD57 define a process of CD56dim NK-cell differentiation uncoupled from NK-cell education. <i>Blood</i> , 2010 , 116, 3853-64	2.1	493
176	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	5.8	484
175	Cytomegalovirus infection drives adaptive epigenetic diversification of NK cells with altered signaling and effector function. <i>Immunity</i> , 2015 , 42, 443-56	31.4	447
174	Activation, coactivation, and costimulation of resting human natural killer cells. <i>Immunological Reviews</i> , 2006 , 214, 73-91	11	430
173	Prospects for the use of NK cells in immunotherapy of human cancer. <i>Nature Reviews Immunology</i> , 2007 , 7, 329-39	35.5	423
172	Cytolytic granule polarization and degranulation controlled by different receptors in resting NK cells. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1001-12	16.2	355
171	Rapid expansion and long-term persistence of elevated NK cell numbers in humans infected with hantavirus. <i>Journal of Experimental Medicine</i> , 2011 , 208, 13-21	16.2	356
170	NK cell responses to cytomegalovirus infection lead to stable imprints in the human KIR repertoire and involve activating KIRs. <i>Blood</i> , 2013 , 121, 2678-88	2.1	343
169	Constitutive macropinocytosis allows TAP-dependent major histocompatibility complex class I presentation of exogenous soluble antigen by bone marrow-derived dendritic cells. <i>European Journal of Immunology</i> , 1997 , 27, 280-8	5.8	286

168	Organ-specific features of natural killer cells. <i>Nature Reviews Immunology</i> , 2011 , 11, 658-71	35.5	275
167	Defective cytotoxic lymphocyte degranulation in syntaxin-11 deficient familial hemophagocytic lymphohistiocytosis 4 (FHL4) patients. <i>Blood</i> , 2007 , 110, 1906-15	2.1	246
166	Emerging insights into natural killer cells in human peripheral tissues. <i>Nature Reviews Immunology</i> , 2016 , 16, 310-20	35.5	228
165	Natural killer cells determine development of allergen-induced eosinophilic airway inflammation in mice. <i>Journal of Experimental Medicine</i> , 1999 , 189, 553-62	16.2	219
164	Recognition of beta 2-microglobulin-negative (beta 2m-) T-cell blasts by natural killer cells from normal but not from beta 2m- mice: nonresponsiveness controlled by beta 2m- bone marrow in chimeric mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 10332-6	11.1	212
163	Minimal requirement for induction of natural cytotoxicity and intersection of activation signals by inhibitory receptors. <i>Blood</i> , 2009 , 114, 2657-66	2.1	196
162	Triggering of natural killer cells by the costimulatory molecule CD80 (B7-1). <i>Immunity</i> , 1996 , 5, 311-7	31.4	190
161	Primary human tumor cells expressing CD155 impair tumor targeting by down-regulating DNAM-1 on NK cells. <i>Journal of Immunology</i> , 2009 , 183, 4921-30	5.2	186
160	Cutting edge: identification and characterization of human intrahepatic CD49a+ NK cells. <i>Journal of Immunology</i> , 2015 , 194, 2467-71	5.2	177
159	Natural killer cell immunotypes related to COVID-19 disease severity. <i>Science Immunology</i> , 2020 , 5,	27.4	172
158	DNAX accessory molecule-1 mediated recognition of freshly isolated ovarian carcinoma by resting natural killer cells. <i>Cancer Research</i> , 2007 , 67, 1317-25	9.6	171
157	NK cell TRAIL eliminates immature dendritic cells in vivo and limits dendritic cell vaccination efficacy. <i>Journal of Immunology</i> , 2004 , 172, 123-9	5.2	169
156	CD56 negative NK cells: origin, function, and role in chronic viral disease. <i>Trends in Immunology</i> , 2010 , 31, 401-6	14	158
155	Impaired immune responses and altered peptide repertoire in tapasin-deficient mice. <i>Nature Immunology</i> , 2000 , 1, 234-8	18.5	159
154	Natural killer cells determine the outcome of B cell-mediated autoimmunity. <i>Nature Immunology</i> , 2000 , 1, 245-51	18.5	152
153	Autologous antitumor activity by NK cells expanded from myeloma patients using GMP-compliant components. <i>Blood</i> , 2008 , 111, 3155-62	2.1	147
152	Natural killer cell-mediated immunosurveillance of human cancer. <i>Seminars in Immunology</i> , 2017 , 31, 20-29	10.3	137
151	Critical Role of CD2 Co-stimulation in Adaptive Natural Killer Cell Responses Revealed in NKG2C-Deficient Humans. <i>Cell Reports</i> , 2016 , 15, 1088-1099	10.3	135

150	Targeting of human dendritic cells by autologous NK cells. <i>Journal of Immunology</i> , 1999 , 163, 6365-70	5.2	130
149	Host MHC class I gene control of NK-cell specificity in the mouse. <i>Immunological Reviews</i> , 1997 , 155, 11-28		126
148	CD8+ T cells rapidly acquire NK1.1 and NK cell-associated molecules upon stimulation in vitro and in vivo. <i>Journal of Immunology</i> , 2000 , 165, 3673-9	5.2	123
147	Impact of FASL-induced apoptosis in the elimination of tumor cells by NK cells. <i>Molecular Immunology</i> , 2005 , 42, 495-9	4.2	116
146	Innate immunity and autoimmunity: from self-protection to self-destruction. <i>Trends in Immunology</i> , 2001 , 22, 97-101	14	116
145	Memory CD8+ T cells provide an early source of IFN-gamma. <i>Journal of Immunology</i> , 2003 , 170, 2399-408	5.2	116
144	A new method for in vitro expansion of cytotoxic human CD3-CD56+ natural killer cells. <i>Human Immunology</i> , 2001 , 62, 1092-8	2.2	105
143	Expansion of functionally skewed CD56-negative NK cells in chronic hepatitis C virus infection: correlation with outcome of pegylated IFN-alpha and ribavirin treatment. <i>Journal of Immunology</i> , 2009 , 183, 6612-8	5.2	104
142	Nonreversible MAIT cell-dysfunction in chronic hepatitis C virus infection despite successful interferon-free therapy. <i>European Journal of Immunology</i> , 2016 , 46, 2204-10	5.8	101
141	Comparison of primary human cytotoxic T-cell and natural killer cell responses reveal similar molecular requirements for lytic granule exocytosis but differences in cytokine production. <i>Blood</i> , 2013 , 121, 1345-56	2.1	99
140	NK cells stimulate proliferation of T and NK cells through 2B4/CD48 interactions. <i>Journal of Immunology</i> , 2004 , 173, 174-80	5.2	96
139	Molecular analysis of H-2-deficient lymphoma lines. Distinct defects in biosynthesis and association of MHC class I heavy chains and beta 2-microglobulin observed in cells with increased sensitivity to NK cell lysis. <i>Journal of Immunology</i> , 1989 , 142, 2911-7	5.2	91
138	Estimation of the size of the alloreactive NK cell repertoire: studies in individuals homozygous for the group A KIR haplotype. <i>Journal of Immunology</i> , 2008 , 181, 6010-9	5.2	90
137	Altered expression of Ly49 inhibitory receptors on natural killer cells from MHC class I-deficient mice. <i>Journal of Immunology</i> , 1997 , 158, 3174-80	5.2	88
136	Familial hemophagocytic lymphohistiocytosis type 3 (FHL3) caused by deep intronic mutation and inversion in UNC13D. <i>Blood</i> , 2011 , 118, 5783-93	2.1	85
135	Natural killer cells in human autoimmunity. <i>Current Opinion in Immunology</i> , 2009 , 21, 634-40	7.5	87
134	Natural resistance against lymphoma grafts conveyed by H-2Dd transgene to C57BL mice. <i>Journal of Experimental Medicine</i> , 1988 , 168, 1469-74	16.2	86
133	Complete Remission with Reduction of High-Risk Clones following Haploidentical NK-Cell Therapy against MDS and AML. <i>Clinical Cancer Research</i> , 2018 , 24, 1834-1844	12.3	85

132	Safety analysis of ex vivo-expanded NK and NK-like T cells administered to cancer patients: a phase I clinical study. <i>Immunotherapy</i> , 2009 , 1, 753-64	3.6	84
131	KIR acquisition probabilities are independent of self-HLA class I ligands and increase with cellular KIR expression. <i>Blood</i> , 2009 , 114, 95-104	2.1	83
130	Different NK cell-activating receptors preferentially recruit Rab27a or Munc13-4 to perforin-containing granules for cytotoxicity. <i>Blood</i> , 2009 , 114, 4117-27	2.1	83
129	Robust T cell immunity in convalescent individuals with asymptomatic or mild COVID-19		79
128	Functional analysis of human NK cells by flow cytometry. <i>Methods in Molecular Biology</i> , 2010 , 612, 335-52.	5.4	82
127	Peripheral lymphoid development and function in TCR mutant mice. <i>International Immunology</i> , 1994 , 6, 1061-70	4.7	82
126	NKG2D performs two functions in invariant NKT cells: direct TCR-independent activation of NK-like cytotoxicity and co-stimulation of activation by CD1d. <i>European Journal of Immunology</i> , 2011 , 41, 1913-23	5.8	80
125	Altered natural killer cell repertoire in Tap-1 mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 6520-4	11.1	80
124	Temporal dynamics of the primary human T cell response to yellow fever virus 17D as it matures from an effector- to a memory-type response. <i>Journal of Immunology</i> , 2013 , 190, 2150-8	5.2	79
123	Human lung natural killer cells are predominantly comprised of highly differentiated hypofunctional CD69CD56 cells. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1321-1330.e4	4	76
122	Longitudinal analysis of the human T cell response during acute hantavirus infection. <i>Journal of Virology</i> , 2011 , 85, 10252-60	6.3	71
121	MAIT cell activation and dynamics associated with COVID-19 disease severity. <i>Science Immunology</i> , 2020 , 5,	27.4	71
120	NK cell-mediated targeting of human cancer and possibilities for new means of immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2008 , 57, 1541-52	7.1	68
119	Increased infection-related mortality in KIR-ligand-mismatched unrelated allogeneic hematopoietic stem-cell transplantation. <i>Transplantation</i> , 2004 , 78, 1081-5	1.5	68
118	NK cell triggering by the human costimulatory molecules CD80 and CD86. <i>Journal of Immunology</i> , 1999 , 163, 4207-12	5.2	67
117	The Qa-1b molecule binds to a large subpopulation of murine NK cells. <i>European Journal of Immunology</i> , 1998 , 28, 4356-61	5.8	60
116	Expansion of natural killer (NK) and natural killer-like T (NKT)-cell populations derived from patients with B-chronic lymphocytic leukemia (B-CLL): a potential source for cellular immunotherapy. <i>Leukemia</i> , 2003 , 17, 1973-80	10.3	58
115	Restoration of a tumorigenic phenotype by beta 2-microglobulin transfection to EL-4 mutant cells. <i>Journal of Experimental Medicine</i> , 1992 , 175, 843-6	16.2	59

114	Different types of allospecific CTL clones identified by their ability to recognize peptide loading-defective target cells. <i>European Journal of Immunology</i> , 1991 , 21, 2767-74	5.8	58
113	The RMA-S lymphoma mutant; consequences of a peptide loading defect on immunological recognition and graft rejection. <i>International Journal of Cancer</i> , 1991 , 6, 38-44	7.3	58
112	Triggering of murine NK cells by CD40 and CD86 (B7-2). <i>Journal of Immunology</i> , 1999 , 162, 5910-6	5.2	55
111	Chemically induced sarcomas from nude mice are more immunogenic than similar sarcomas from congenic normal mice. <i>European Journal of Immunology</i> , 1996 , 26, 1844-50	5.8	54
110	Alteration of the natural killer repertoire in H-2 transgenic mice: specificity of rapid lymphoma cell clearance determined by the H-2 phenotype of the target. <i>Journal of Experimental Medicine</i> , 1991 , 174, 327-34	16.2	50
109	Major alterations in the mononuclear phagocyte landscape associated with COVID-19 severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.1	50
108	Chronic hepatitis C virus infection irreversibly impacts human natural killer cell repertoire diversity. <i>Nature Communications</i> , 2018 , 9, 2275	16.9	48
107	Transfection of beta 2-microglobulin restores IFN-mediated protection from natural killer cell lysis in YAC-1 lymphoma variants. <i>Journal of Immunology</i> , 1990 , 145, 380-6	5.2	48
106	Expansion of SARS-CoV-2-Specific Antibody-Secreting Cells and Generation of Neutralizing Antibodies in Hospitalized COVID-19 Patients. <i>Journal of Immunology</i> , 2020 , 205, 2437-2446	5.2	47
105	Elevated numbers of Fc gamma RIIIA+ (CD16+) effector CD8 T cells with NK cell-like function in chronic hepatitis C virus infection. <i>Journal of Immunology</i> , 2008 , 181, 4219-28	5.2	44
104	Escape from immune- and nonimmune-mediated tumor surveillance. <i>Seminars in Cancer Biology</i> , 2006 , 16, 16-31	12.3	47
103	Fine tuning of natural killer cell specificity and maintenance of self tolerance in MHC class I-deficient mice. <i>European Journal of Immunology</i> , 1998 , 28, 1315-21	5.8	46
102	Composition and functionality of the intrahepatic innate lymphoid cell-compartment in human nonfibrotic and fibrotic livers. <i>European Journal of Immunology</i> , 2017 , 47, 1280-1294	5.8	45
101	Differential requirements for CD28 and CD40 ligand in the induction of experimental autoimmune myasthenia gravis. <i>European Journal of Immunology</i> , 1998 , 28, 3587-93	5.8	46
100	Hantavirus-infection confers resistance to cytotoxic lymphocyte-mediated apoptosis. <i>PLoS Pathogens</i> , 2013 , 9, e1003272	7.4	44
99	Perturbed CD8 T cell TIGIT/CD226/PVR axis despite early initiation of antiretroviral treatment in HIV infected individuals. <i>Scientific Reports</i> , 2017 , 7, 40354	4.7	43
98	Natural killer cell-mediated lysis of dorsal root ganglia neurons via RAE1/NKG2D interactions. <i>European Journal of Immunology</i> , 2003 , 33, 92-100	5.8	44
97	Direct NK cell-mediated lysis of syngenic dorsal root ganglia neurons in vitro. <i>Journal of Immunology</i> , 2000 , 165, 4895-900	5.2	42

96	Unique transcriptional and protein-expression signature in human lung tissue-resident NK cells. <i>Nature Communications</i> , 2019 , 10, 3841	16.9	41
95	Antigen processing mutant T2 cells present viral antigen restricted through H-2Kb. <i>European Journal of Immunology</i> , 1993 , 23, 1802-8	5.8	41
94	TAP2-defective RMA-S cells present Sendai virus antigen to cytotoxic T lymphocytes. <i>European Journal of Immunology</i> , 1993 , 23, 1796-801	5.8	40
93	Effects of HDV infection and pegylated interferon α treatment on the natural killer cell compartment in chronically infected individuals. <i>Gut</i> , 2015 , 64, 469-82	18.6	39
92	Processing of bacterial antigens for peptide presentation on MHC class I molecules. <i>Immunological Reviews</i> , 1999 , 172, 153-62	11	39
91	NK sensitivity and lung clearance of MHC-class-I-deficient cells within a heterogeneous fibrosarcoma. <i>International Journal of Cancer</i> , 1989 , 44, 675-80	7.3	39
90	Ancestral SARS-CoV-2-specific T cells cross-recognize the Omicron variant.. <i>Nature Medicine</i> , 2022 ,	49.3	40
89	Diversification and Functional Specialization of Human NK Cell Subsets. <i>Current Topics in Microbiology and Immunology</i> , 2016 , 395, 63-94	3.2	38
88	Selective acceptance of MHC class I-deficient tumor grafts in the brain. <i>Journal of Experimental Medicine</i> , 1988 , 167, 730-5	16.2	38
87	Spotlight on NKG2C and the human NK-cell response to CMV infection. <i>European Journal of Immunology</i> , 2012 , 42, 3141-5	5.8	37
86	Insights into NK cell biology from human genetics and disease associations. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 3479-93	10	36
85	Cancer immunosurveillance: NKG2D breaks cover. <i>Immunity</i> , 2008 , 28, 492-4	31.4	35
84	P0 protein peptide 180-199 together with pertussis toxin induces experimental autoimmune neuritis in resistant C57BL/6 mice. <i>Journal of Neuroscience Research</i> , 2000 , 62, 717-21	4.2	36
83	TAP1-deficient mice select a CD8+ T cell repertoire that displays both diversity and peptide specificity. <i>European Journal of Immunology</i> , 1996 , 26, 288-93	5.8	36
82	NK cell activation in human hantavirus infection explained by virus-induced IL-15/IL15R α expression. <i>PLoS Pathogens</i> , 2014 , 10, e1004521	7.4	35
81	Influenza A Virus Infection Induces Hyperresponsiveness in Human Lung Tissue-Resident and Peripheral Blood NK Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 1116	8.2	32
80	Chronic hepatitis delta virus infection leads to functional impairment and severe loss of MAIT cells. <i>Journal of Hepatology</i> , 2019 , 71, 301-312	3.1	35
79	Natural killer cells in antiviral immunity. <i>Nature Reviews Immunology</i> , 2021 ,	35.5	30

78	Natural killer cell-mediated lysis of freshly isolated human tumor cells. <i>International Journal of Cancer</i> , 2009 , 124, 757-62	7.3	32
77	Afferent and efferent cellular interactions in natural resistance directed against MHC class I deficient tumor grafts. <i>Journal of Immunology</i> , 1988 , 140, 671-8	5.2	32
76	Selenite induces posttranscriptional blockade of HLA-E expression and sensitizes tumor cells to CD94/NKG2A-positive NK cells. <i>Journal of Immunology</i> , 2011 , 187, 3546-54	5.2	30
75	Tumor cell recognition by the NK cell activating receptor NKG2D. <i>European Journal of Immunology</i> , 2008 , 38, 2957-61	5.8	31
74	Inhibition of natural killer cell-mediated bone marrow graft rejection by allogeneic major histocompatibility complex class I, but not class II molecules. <i>European Journal of Immunology</i> , 1995 , 25, 1286-91	5.8	29
73	Resistance to natural killer cell lysis conferred by TAP1/2 genes in human antigen-processing mutant cells. <i>Journal of Immunology</i> , 1994 , 152, 1702-8	5.2	29
72	2B4 co-stimulation: NK cells and their control of adaptive immune responses. <i>Molecular Immunology</i> , 2005 , 42, 419-23	4.2	28
71	Tracing dynamic expansion of human NK-cell subsets by high-resolution analysis of KIR repertoires and cellular differentiation. <i>European Journal of Immunology</i> , 2014 , 44, 2192-6	5.8	27
70	Application of nine-color flow cytometry for detailed studies of the phenotypic complexity and functional heterogeneity of human lymphocyte subsets. <i>Journal of Immunological Methods</i> , 2008 , 330, 64-74	2.4	27
69	Expression of the DX5 antigen on CD8+ T cells is associated with activation and subsequent cell death or memory during influenza virus infection. <i>European Journal of Immunology</i> , 2001 , 31, 1523-30	5.8	27
68	Role of Qa-1(b)-binding receptors in the specificity of developing NK cells. <i>European Journal of Immunology</i> , 2000 , 30, 1094-101	5.8	27
67	Contribution of inhibitory receptor TIGIT to NK cell education. <i>Journal of Autoimmunity</i> , 2017 , 81, 1-12	15	26
66	Persistence of the influenza A/WSN/33 virus RNA at midbrain levels of immunodeficient mice. <i>Journal of NeuroVirology</i> , 2001 , 7, 117-24	3.8	26
65	Safety and efficacy of the mRNA BNT162b2 vaccine against SARS-CoV-2 in five groups of immunocompromised patients and healthy controls in a prospective open-label clinical trial. <i>EBioMedicine</i> , 2021 , 74, 103705	8.6	28
64	NK cells are activated and primed for skin-homing during acute dengue virus infection in humans. <i>Nature Communications</i> , 2019 , 10, 3897	16.9	25
63	Innate and adaptive immune responses against human Puumala virus infection: immunopathogenesis and suggestions for novel treatment strategies for severe hantavirus-associated syndromes. <i>Journal of Internal Medicine</i> , 2019 , 285, 510-523	10.5	25
62	NK Cell Responses to Human Tick-Borne Encephalitis Virus Infection. <i>Journal of Immunology</i> , 2016 , 197, 2762-71	5.2	25
61	Restoration of H-2b expression and processing of endogenous antigens in the MHC class I pathway by fusion of a lymphoma mutant to L cells of the H-2k haplotype. <i>European Journal of Immunology</i> , 1990 , 20, 1873-6	5.8	25

60	Naive Donor NK Cell Repertoires Associated with Less Leukemia Relapse after Allogeneic Hematopoietic Stem Cell Transplantation. <i>Journal of Immunology</i> , 2016 , 196, 1400-11	5.2	24
59	Innate lymphoid cell composition associates with COVID-19 disease severity. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1224	6.5	24
58	Reactivity and specificity of CD8+ T cells in mice with defects in the MHC class I antigen-presenting pathway. <i>Immunological Reviews</i> , 1996 , 151, 123-48	11	24
57	Proteome analysis of human CD56 NK cells reveals a homogeneous phenotype surprisingly similar to CD56 NK cells. <i>European Journal of Immunology</i> , 2018 , 48, 1456-1469	5.8	23
56	Specificity and dynamics of effector and memory CD8 T cell responses in human tick-borne encephalitis virus infection. <i>PLoS Pathogens</i> , 2015 , 11, e1004622	7.4	22
55	Evaluation of ex vivo expanded human NK cells on antileukemia activity in SCID-beige mice. <i>Leukemia</i> , 2006 , 20, 833-9	10.3	23
54	Disruption of the IL-1beta gene diminishes acetylcholine receptor-induced immune responses in a murine model of myasthenia gravis. <i>European Journal of Immunology</i> , 2001 , 31, 225-32	5.8	22
53	Immune selection during tumor checkpoint inhibition therapy paves way for NK-cell "missing self" recognition. <i>Immunogenetics</i> , 2017 , 69, 547-556	3.1	22
52	Spotlight on IL-22-producing NK cell receptor-expressing mucosal lymphocytes. <i>Nature Immunology</i> , 2009 , 10, 11-2	18.5	20
51	Differences in Granule Morphology yet Equally Impaired Exocytosis among Cytotoxic T Cells and NK Cells from Chediak-Higashi Syndrome Patients. <i>Frontiers in Immunology</i> , 2017 , 8, 426	8.2	19
50	Cytomegalovirus-Driven Adaptive-Like Natural Killer Cell Expansions Are Unaffected by Concurrent Chronic Hepatitis Virus Infections. <i>Frontiers in Immunology</i> , 2017 , 8, 525	8.2	20
49	High-resolution determination of human immune cell signatures from fine-needle liver aspirates. <i>European Journal of Immunology</i> , 2015 , 45, 2154-7	5.8	20
48	IL-2 down-regulates the expression of TCR and TCR-associated surface molecules on CD8(+) T cells. <i>European Journal of Immunology</i> , 2001 , 31, 3248-54	5.8	19
47	Serum Markers Associated with Severity and Outcome of Hantavirus Pulmonary Syndrome. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1832-1840	6.8	18
46	Polyclonal Expansion of NKG2C(+) NK Cells in TAP-Deficient Patients. <i>Frontiers in Immunology</i> , 2015 , 6, 507	8.2	18
45	Immunomodulatory activity of commonly used drugs on Fc-receptor-mediated human natural killer cell activation. <i>Cancer Immunology, Immunotherapy</i> , 2014 , 63, 627-41	7.1	17
44	Orthohantaviruses belonging to three phylogroups all inhibit apoptosis in infected target cells. <i>Scientific Reports</i> , 2019 , 9, 834	4.7	15
43	Purified MHC class I molecules inhibit activated NK cells in a cell-free system in vitro. <i>European Journal of Immunology</i> , 2001 , 31, 869-875	5.8	16

42	SARS-CoV-2-specific humoral and cellular immunity persists through 9 months irrespective of COVID-19 severity at hospitalisation. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1306	6.5	15
41	Human hantavirus infection elicits pronounced redistribution of mononuclear phagocytes in peripheral blood and airways. <i>PLoS Pathogens</i> , 2017 , 13, e1006462	7.4	16
40	Effect of IFN-gamma treatment and in vivo passage of murine tumor cell lines on their sensitivity to lymphokine-activated killer (LAK) cell lysis in vitro; association with H-2 expression on the target cells. <i>International Journal of Cancer</i> , 1989 , 44, 669-74	7.3	15
39	Hantavirus Inhibits TRAIL-Mediated Killing of Infected Cells by Downregulating Death Receptor 5. <i>Cell Reports</i> , 2019 , 28, 2124-2139.e6	10.3	14
38	Terminal Effector CD8 T Cells Defined by an IKZF2IL-7R Transcriptional Signature Express Fc γ RIIIA, Expand in HIV Infection, and Mediate Potent HIV-Specific Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Immunology</i> , 2019 , 203, 2210-2221	5.2	12
37	Cell-Mediated Immune Responses and Immunopathogenesis of Human Tick-Borne Encephalitis Virus-Infection. <i>Frontiers in Immunology</i> , 2018 , 9, 2174	8.2	12
36	MHC class I mosaic mice reveal insights into control of Ly49C inhibitory receptor expression in NK cells. <i>Journal of Immunology</i> , 1998 , 161, 6475-9	5.2	12
35	Outcome of COVID-19 in multiple myeloma patients in relation to treatment. <i>European Journal of Haematology</i> , 2020 , 105, 751-754	3.6	11
34	Hantavirus inhibits apoptosis by preventing mitochondrial membrane potential loss through up-regulation of the pro-survival factor BCL-2. <i>PLoS Pathogens</i> , 2020 , 16, e1008297	7.4	11
33	Expansion of SARS-CoV-2-specific Antibody-secreting Cells and Generation of Neutralizing Antibodies in Hospitalized COVID-19 Patients		10
32	Generation and control of metastasis in experimental tumor systems; inhibition of experimental metastases by a tilorone analogue. <i>International Journal of Cancer</i> , 1993 , 54, 518-23	7.3	11
31	Increased risk for lymphoma following hemorrhagic fever with renal syndrome. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1130-2	11.3	7
30	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.1	8
29	Expansions of adaptive-like NK cells with a tissue-resident phenotype in human lung and blood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.1	7
28	MAIT cell activation and dynamics associated with COVID-19 disease severity and outcome		8
27	Natural resistance against tumors grafted into the brain in association with histocompatibility-class-I-antigen expression. <i>International Journal of Cancer</i> , 1996 , 67, 365-71	7.3	8
26	Purified MHC class I molecules inhibit activated NK cells in a cell-free system in vitro. <i>European Journal of Immunology</i> , 2001 , 31, 869-75	5.8	7
25	Principles of MHC class I-mediated antigen presentation and T cell selection. <i>Histology and Histopathology</i> , 1996 , 11, 267-74	1.4	6

24	Activation and Kinetics of Circulating T Follicular Helper Cells, Specific Plasmablast Response, and Development of Neutralizing Antibodies Following Yellow Fever Virus Vaccination. <i>Journal of Immunology</i> , 2021 , 207, 1033-1043	5.2	4
23	Identification of H-2Kb-, Db- and Dd-binding peptides derived from amino acid sequences of polyoma virus T antigens. <i>International Journal of Cancer</i> , 1993 , 54, 992-5	7.3	4
22	Paths taken towards NK cell-mediated immunotherapy of human cancer-a personal reflection. <i>Scandinavian Journal of Immunology</i> , 2021 , 93, e12993	3.3	4
21	MAIT cell activation is associated with disease severity markers in acute hantavirus infection. <i>Cell Reports Medicine</i> , 2021 , 2, 100220	17.5	3
20	Breadth and Dynamics of HLA-A2- and HLA-B7-Restricted CD8 T Cell Responses against Nonstructural Viral Proteins in Acute Human Tick-Borne Encephalitis Virus Infection. <i>ImmunoHorizons</i> , 2018 , 2, 172-184	2.6	3
19	In vivo engineering of mobilized stem cell grafts with the immunomodulatory drug FTY720 for allogeneic transplantation. <i>European Journal of Immunology</i> , 2016 , 46, 1758-69	5.8	2
18	Magnitude and Functional Profile of the Human CD4 T Cell Response throughout Primary Immunization with Tick-Borne Encephalitis Virus Vaccine. <i>Journal of Immunology</i> , 2020 , 204, 914-922	5.2	2
17	Activated Natural Killer Cells Hit Neurogenesis in the Aging Brain. <i>Neuroscience Bulletin</i> , 2021 , 37, 1072-1074	10.74	1
16	SARS-CoV-2 Nsp13 encodes for an HLA-E-stabilizing peptide that abrogates inhibition of NKG2A-expressing NK cells.. <i>Cell Reports</i> , 2022 , 110503	10.3	1
15	COVID-19 specific metabolic imprint yields insights into multi organ-system perturbations. <i>European Journal of Immunology</i> , 2021 ,	5.8	1
14	Salivary IgG to SARS-CoV-2 indicates seroconversion and correlates to serum neutralization in mRNA-vaccinated immunocompromised individuals.. <i>Med</i> , 2022 ,	30.9	1
13	NK cell frequencies, function and correlates to vaccine outcome in BNT162b2 mRNA anti-SARS-CoV-2 vaccinated healthy and immunocompromised individuals.. <i>Molecular Medicine</i> , 2022 , 28, 20	5.9	1
12	Elevated CD21 B Cell Frequency Is a Marker of Poor Immunity to Pfizer-BioNTech BNT162b2 mRNA Vaccine Against SARS-CoV-2 in Patients with Common Variable Immunodeficiency.. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.6	0
11	Comparison of Lung-Homing Receptor Expression and Activation Profiles on NK Cell and T Cell Subsets in COVID-19 and Influenza.. <i>Frontiers in Immunology</i> , 2022 , 13, 834862	8.2	0
10	Autologous NK cells as consolidation therapy following stem cell transplantation in multiple myeloma.. <i>Cell Reports Medicine</i> , 2022 , 3, 100508	17.5	1
9	Ancestral SARS-CoV-2-specific T cells cross-recognize Omicron. <i>Nature Medicine</i> ,	49.3	0
8	Neutralizing SARS-CoV-2 Antibodies in Commercial Immunoglobulin Products Give Patients with X-Linked Agammaglobulinemia Limited Passive Immunity to the Omicron Variant.. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.6	0
7	MAIT cell compartment characteristics are associated with the immune response magnitude to the BNT162b2 mRNA anti-SARS-CoV-2 vaccine.. <i>Molecular Medicine</i> , 2022 , 28, 54	5.9	0

6 Reply. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 318

4

5 Natural Killer Cells **2014**, 187-199

4 Natural killer cells in cancer **2010**, 55-64

3 Natural Killer Cells **2020**, 229-242

2 Soluble MHC class I molecules induce cellular death in a CD8+ T-cell hybridoma tumor model.
International Journal of Cancer, **2001**, 91, 373-378

73

1 Natural Killer Cells in the Treatment of Human Cancer **2010**, 405-421