

Lewis L Lanier

List of Publications by Year in descending order

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399
papers

76,029
citations

256

142
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440
docs citations

440
times ranked

46030
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of NK Cells and T Cells by NKG2D, a Receptor for Stress-Inducible MICA. <i>Science</i> , 1999, 285, 727-729.	12.6	2,677
2	NK CELL RECOGNITION. <i>Annual Review of Immunology</i> , 2005, 23, 225-274.	21.8	2,490
3	Innate or Adaptive Immunity? The Example of Natural Killer Cells. <i>Science</i> , 2011, 331, 44-49.	12.6	2,234
4	HLA-E binds to natural killer cell receptors CD94/NKG2A, B and C. <i>Nature</i> , 1998, 391, 795-799.	27.8	1,983
5	The Immunological Genome Project: networks of gene expression in immune cells. <i>Nature Immunology</i> , 2008, 9, 1091-1094.	14.5	1,576
6	NK CELL RECEPTORS. <i>Annual Review of Immunology</i> , 1998, 16, 359-393.	21.8	1,553
7	Up on the tightrope: natural killer cell activation and inhibition. <i>Nature Immunology</i> , 2008, 9, 495-502.	14.5	1,425
8	Adaptive immune features of natural killer cells. <i>Nature</i> , 2009, 457, 557-561.	27.8	1,358
9	Immune Inhibitory Receptors. <i>Science</i> , 2000, 290, 84-89.	12.6	1,141
10	Direct Recognition of Cytomegalovirus by Activating and Inhibitory NK Cell Receptors. <i>Science</i> , 2002, 296, 1323-1326.	12.6	1,060
11	CD69 acts downstream of interferon- γ to inhibit S1P1 and lymphocyte egress from lymphoid organs. <i>Nature</i> , 2006, 440, 540-544.	27.8	1,014
12	Human Diversity in Killer Cell Inhibitory Receptor Genes. <i>Immunity</i> , 1997, 7, 753-763.	14.3	1,010
13	An Activating Immunoreceptor Complex Formed by NKG2D and DAP10. <i>Science</i> , 1999, 285, 730-732.	12.6	916
14	NK cells and cancer: you can teach innate cells new tricks. <i>Nature Reviews Cancer</i> , 2016, 16, 7-19.	28.4	903
15	B70 antigen is a second ligand for CTLA-4 and CD28. <i>Nature</i> , 1993, 366, 76-79.	27.8	883
16	Immunoreceptor DAP12 bearing a tyrosine-based activation motif is involved in activating NK cells. <i>Nature</i> , 1998, 391, 703-707.	27.8	804
17	Natural killer cells, viruses and cancer. <i>Nature Reviews Immunology</i> , 2001, 1, 41-49.	22.7	750
18	Expansion of a unique CD57 ⁺ NKG2C ^{hi} natural killer cell subset during acute human cytomegalovirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14725-14732.	7.1	725

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19	Coordinated Induction by IL15 of a TCR-Independent NKG2D Signaling Pathway Converts CTL into Lymphokine-Activated Killer Cells in Celiac Disease. <i>Immunity</i> , 2004, 21, 357-366.	14.3	723
20	Polymerase chain reaction with single-sided specificity: analysis of T cell receptor delta chain. <i>Science</i> , 1989, 243, 217-220.	12.6	696
21	Functionally and Structurally Distinct NK Cell Receptor Repertoires in the Peripheral Blood of Two Human Donors. <i>Immunity</i> , 1997, 7, 739-751.	14.3	689
22	Dissection of the lymphokine-activated killer phenomenon. Relative contribution of peripheral blood natural killer cells and T lymphocytes to cytolysis.. <i>Journal of Experimental Medicine</i> , 1986, 164, 814-825.	8.5	685
23	Retinoic Acid Early Inducible Genes Define a Ligand Family for the Activating NKG2D Receptor in Mice. <i>Immunity</i> , 2000, 12, 721-727.	14.3	647
24	CD57 defines a functionally distinct population of mature NK cells in the human CD56dimCD16+ NK-cell subset. <i>Blood</i> , 2010, 116, 3865-3874.	1.4	636
25	Multiple early factors anticipate post-acute COVID-19 sequelae. <i>Cell</i> , 2022, 185, 881-895.e20.	28.9	605
26	Cytomegalovirus reactivation after allogeneic transplantation promotes a lasting increase in educated NKG2C+ natural killer cells with potent function. <i>Blood</i> , 2012, 119, 2665-2674.	1.4	581
27	NK cell development, homeostasis and function: parallels with CD8+ T cells. <i>Nature Reviews Immunology</i> , 2011, 11, 645-657.	22.7	557
28	DNAM-1, A Novel Adhesion Molecule Involved in the Cytolytic Function of T Lymphocytes. <i>Immunity</i> , 1996, 4, 573-581.	14.3	545
29	Ectopic expression of retinoic acid early inducible-1 gene (RAE-1) permits natural killer cell-mediated rejection of a MHC class I-bearing tumor in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 11521-11526.	7.1	544
30	Human lymphocytes bearing T cell receptor gamma/delta are phenotypically diverse and evenly distributed throughout the lymphoid system.. <i>Journal of Experimental Medicine</i> , 1989, 169, 1277-1294.	8.5	539
31	Apoptotic signaling through CD95 (Fas/Apo-1) activates an acidic sphingomyelinase.. <i>Journal of Experimental Medicine</i> , 1994, 180, 1547-1552.	8.5	526
32	NKG2D Receptor and Its Ligands in Host Defense. <i>Cancer Immunology Research</i> , 2015, 3, 575-582.	3.4	508
33	Association of DAP12 with Activating CD94/NKG2C NK Cell Receptors. <i>Immunity</i> , 1998, 8, 693-701.	14.3	495
34	The Bw4 public epitope of HLA-B molecules confers reactivity with natural killer cell clones that express NKB1, a putative HLA receptor.. <i>Journal of Experimental Medicine</i> , 1995, 181, 1133-1144.	8.5	485
35	Hypoimmunogenic derivatives of induced pluripotent stem cells evade immune rejection in fully immunocompetent allogeneic recipients. <i>Nature Biotechnology</i> , 2019, 37, 252-258.	17.5	470
36	Epigenetic Modification and Antibody-Dependent Expansion of Memory-like NK Cells in Human Cytomegalovirus-Infected Individuals. <i>Immunity</i> , 2015, 42, 431-442.	14.3	469

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37	Identity of Leu-19 (CD56) leukocyte differentiation antigen and neural cell adhesion molecule.. Journal of Experimental Medicine, 1989, 169, 2233-2238.	8.5	461
38	Natural killer cell memory in infection, inflammation and cancer. Nature Reviews Immunology, 2016, 16, 112-123.	22.7	459
39	Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. Cell, 2020, 183, 1479-1495.e20.	28.9	449
40	The immunomodulatory adapter proteins DAP12 and Fc receptor γ -chain (FcR γ) regulate development of functional osteoclasts through the Syk tyrosine kinase. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6158-6163.	7.1	441
41	Loss-of-function mutations in TYROBP (DAP12) result in a presenile dementia with bone cysts. Nature Genetics, 2000, 25, 357-361.	21.4	436
42	Effect of NKG2D ligand expression on host immune responses. Immunological Reviews, 2010, 235, 267-285.	6.0	431
43	Interactions of human NKG2D with its ligands MICA, MICB, and homologs of the mouse RAE-1 protein family. Immunogenetics, 2001, 53, 279-287.	2.4	428
44	Injured sensory neuron-derived CSF1 induces microglial proliferation and DAP12-dependent pain. Nature Neuroscience, 2016, 19, 94-101.	14.8	421
45	NK cells and type 1 innate lymphoid cells: partners in host defense. Nature Immunology, 2016, 17, 758-764.	14.5	413
46	Co-association of CD3 ζ with a receptor (CD16) for IgG Fc on human natural killer cells. Nature, 1989, 342, 803-805.	27.8	406
47	Tim-3 marks human natural killer cell maturation and suppresses cell-mediated cytotoxicity. Blood, 2012, 119, 3734-3743.	1.4	406
48	Evolutionary struggles between NK cells and viruses. Nature Reviews Immunology, 2008, 8, 259-268.	22.7	399
49	Natural killer cells as an initial defense against pathogens. Current Opinion in Immunology, 2006, 18, 391-398.	5.5	388
50	Cutting Edge: Inhibition of TLR and FcR Responses in Macrophages by Triggering Receptor Expressed on Myeloid Cells (TREM)-2 and DAP12. Journal of Immunology, 2006, 177, 2051-2055.	0.8	375
51	Interferon-producing killer dendritic cells provide a link between innate and adaptive immunity. Nature Medicine, 2006, 12, 207-213.	30.7	374
52	B7 and interleukin 12 cooperate for proliferation and interferon gamma production by mouse T helper clones that are unresponsive to B7 costimulation.. Journal of Experimental Medicine, 1994, 180, 223-231.	8.5	369
53	Natural Killer Cells and Cancer. Advances in Cancer Research, 2003, 90, 127-156.	5.0	360
54	Natural Killer Cell Education and Tolerance. Cell, 2010, 142, 847-856.	28.9	353

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55	NKB1: a natural killer cell receptor involved in the recognition of polymorphic HLA-B molecules.. Journal of Experimental Medicine, 1994, 180, 537-543.	8.5	349
56	LAIR-1, a Novel Inhibitory Receptor Expressed on Human Mononuclear Leukocytes. Immunity, 1997, 7, 283-290.	14.3	349
57	FcÎ±/Î¼ receptor mediates endocytosis of IgM-coated microbes. Nature Immunology, 2000, 1, 441-446.	14.5	346
58	The Ets-1 Transcription Factor Is Required for the Development of Natural Killer Cells in Mice. Immunity, 1998, 9, 555-563.	14.3	338
59	CD28 interaction with B7 costimulates primary allogeneic proliferative responses and cytotoxicity mediated by small, resting T lymphocytes.. Journal of Experimental Medicine, 1992, 175, 353-360.	8.5	337
60	Natural killer cell receptor signaling. Current Opinion in Immunology, 2003, 15, 308-314.	5.5	336
61	Integrin signaling in neutrophils and macrophages uses adaptors containing immunoreceptor tyrosine-based activation motifs. Nature Immunology, 2006, 7, 1326-1333.	14.5	332
62	Reversal of experimental allergic encephalomyelitis with monoclonal antibody to a T-cell subset marker. Science, 1985, 227, 415-417.	12.6	329
63	B70/B7-2 is identical to CD86 and is the major functional ligand for CD28 expressed on human dendritic cells.. Journal of Experimental Medicine, 1994, 180, 1841-1847.	8.5	327
64	On guardâ€”activating NK cell receptors. Nature Immunology, 2001, 2, 23-27.	14.5	324
65	Superantigen-dependent, cell-mediated cytotoxicity inhibited by MHC class I receptors on T lymphocytes. Science, 1995, 268, 403-405.	12.6	306
66	Identification of a common T/natural killer cell progenitor in human fetal thymus.. Journal of Experimental Medicine, 1994, 180, 569-576.	8.5	301
67	Sequential Involvement of Lck and SHP-1 with MHC-Recognizing Receptors on NK Cells Inhibits FcÎ±-Initiated Tyrosine Kinase Activation. Immunity, 1996, 5, 629-638.	14.3	300
68	Enhanced Toll-like receptor responses in the absence of signaling adaptor DAP12. Nature Immunology, 2005, 6, 579-586.	14.5	292
69	T-betâ€”dependent S1P5 expression in NK cells promotes egress from lymph nodes and bone marrow. Journal of Experimental Medicine, 2009, 206, 2469-2481.	8.5	290
70	Natural Killer Cell Memory. Immunity, 2015, 43, 634-645.	14.3	280
71	Inhibitory MHC class I receptors on NK cells and T cells. Trends in Immunology, 1996, 17, 86-91.	7.5	279
72	Regulation of TLR7/9 responses in plasmacytoid dendritic cells by BST2 and ILT7 receptor interaction. Journal of Experimental Medicine, 2009, 206, 1603-1614.	8.5	277

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73	NKG2D Blockade Prevents Autoimmune Diabetes in NOD Mice. <i>Immunity</i> , 2004, 20, 757-767.	14.3	272
74	Rapid Evolution of NK Cell Receptor Systems Demonstrated by Comparison of Chimpanzees and Humans. <i>Immunity</i> , 2000, 12, 687-698.	14.3	271
75	TGF- β downregulates the activating receptor NKG2D on NK cells and CD8+ T cells in glioma patients. <i>Neuro-Oncology</i> , 2010, 12, 7-13.	1.2	267
76	Reprogramming of CTLs into natural killer-like cells in celiac disease. <i>Journal of Experimental Medicine</i> , 2006, 203, 1343-1355.	8.5	265
77	Molecular definition of the identity and activation of natural killer cells. <i>Nature Immunology</i> , 2012, 13, 1000-1009.	14.5	265
78	PILR α Is a Herpes Simplex Virus-1 Entry Coreceptor That Associates with Glycoprotein B. <i>Cell</i> , 2008, 132, 935-944.	28.9	264
79	NK cells in innate immunity. <i>Current Opinion in Immunology</i> , 2005, 17, 29-35.	5.5	261
80	Ontogeny of human natural killer (NK) cells: fetal NK cells mediate cytolytic function and express cytoplasmic CD3 epsilon,delta proteins.. <i>Journal of Experimental Medicine</i> , 1992, 175, 1055-1066.	8.5	260
81	Functional expression of B7/BB1 on activated T lymphocytes.. <i>Journal of Experimental Medicine</i> , 1993, 177, 845-850.	8.5	258
82	The transcriptional landscape of β 2 T cell differentiation. <i>Nature Immunology</i> , 2013, 14, 619-632.	14.5	256
83	Monoclonal Antibodies Against Rat Immunoglobulin Kappa Chains. <i>Hybridoma</i> , 1982, 1, 125-131.	0.6	254
84	Cutting Edge: Lectin-Like Transcript-1 Is a Ligand for the Inhibitory Human NKR-P1A Receptor. <i>Journal of Immunology</i> , 2005, 175, 7796-7799.	0.8	254
85	Proinflammatory cytokine signaling required for the generation of natural killer cell memory. <i>Journal of Experimental Medicine</i> , 2012, 209, 947-954.	8.5	253
86	Impairment of NK Cell Function by NKG2D Modulation in NOD Mice. <i>Immunity</i> , 2003, 18, 41-51.	14.3	252
87	DAP10 and DAP12-associated receptors in innate immunity. <i>Immunological Reviews</i> , 2009, 227, 150-160.	6.0	249
88	NKG2D-mediated Natural Killer Cell Protection Against Cytomegalovirus Is Impaired by Viral gp40 Modulation of Retinoic Acid Early Inducible 1 Gene Molecules. <i>Journal of Experimental Medicine</i> , 2003, 197, 1245-1253.	8.5	248
89	Cutting Edge: Functional Requirement for SAP in 2B4-Mediated Activation of Human Natural Killer Cells as Revealed by the X-Linked Lymphoproliferative Syndrome. <i>Journal of Immunology</i> , 2000, 165, 2932-2936.	0.8	245
90	Interleukin 2 activation of natural killer cells rapidly induces the expression and phosphorylation of the Leu-23 activation antigen.. <i>Journal of Experimental Medicine</i> , 1988, 167, 1572-1585.	8.5	243

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91	Tissue Determinants of Human NK Cell Development, Function, and Residence. <i>Cell</i> , 2020, 180, 749-763.e13.	28.9	242
92	Structure, Function, and Serology of the T-Cell Antigen Receptor Complex. <i>Annual Review of Immunology</i> , 1987, 5, 503-540.	21.8	240
93	Ligands for natural killer cell receptors: redundancy or specificity. <i>Immunological Reviews</i> , 2001, 181, 158-169.	6.0	240
94	'Unlicensed' natural killer cells dominate the response to cytomegalovirus infection. <i>Nature Immunology</i> , 2010, 11, 321-327.	14.5	239
95	Cross-Talk between Activated Human NK Cells and CD4+ T Cells via OX40-OX40 Ligand Interactions. <i>Journal of Immunology</i> , 2004, 173, 3716-3724.	0.8	238
96	Tetrameric Complexes of Human Histocompatibility Leukocyte Antigen (HLA)-G Bind to Peripheral Blood Myelomonocytic Cells. <i>Journal of Experimental Medicine</i> , 1999, 189, 1149-1156.	8.5	235
97	Functional characterization of DNAM-1 (CD226) interaction with its ligands PVR (CD155) and nectin-2 (PRR-2/CD112). <i>International Immunology</i> , 2004, 16, 533-538.	4.0	235
98	A Signal Peptide Derived from hsp60 Binds HLA-E and Interferes with CD94/NKG2A Recognition. <i>Journal of Experimental Medicine</i> , 2002, 196, 1403-1414.	8.5	233
99	Arousal and inhibition of human NK cells. <i>Immunological Reviews</i> , 1997, 155, 145-154.	6.0	231
100	Lymphokine-activated killer cell activity. <i>Trends in Immunology</i> , 1987, 8, 178-181.	7.5	229
101	DAP12-Deficient Mice Fail to Develop Autoimmunity Due to Impaired Antigen Priming. <i>Immunity</i> , 2000, 13, 345-353.	14.3	221
102	Plasmacytoid dendritic cell-specific receptor $ILT7^{\mu}RII^3$ inhibits Toll-like receptor-induced interferon production. <i>Journal of Experimental Medicine</i> , 2006, 203, 1399-1405.	8.5	220
103	Natural Killer Cells: From No Receptors to Too Many. <i>Immunity</i> , 1997, 6, 371-378.	14.3	216
104	Role of ITAM-containing adapter proteins and their receptors in the immune system and bone. <i>Immunological Reviews</i> , 2005, 208, 50-65.	6.0	216
105	Physical and Functional Association of LFA-1 with DNAM-1 Adhesion Molecule. <i>Immunity</i> , 1999, 11, 615-623.	14.3	214
106	Cutting Edge: The Mouse NK Cell-Associated Antigen Recognized by DX5 Monoclonal Antibody is CD49b (± 2 Integrin, Very Late Antigen-2). <i>Journal of Immunology</i> , 2001, 167, 1141-1144.	0.8	213
107	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, 2433-2437.	2.9	210
108	Dap10 and Dap12 Form Distinct, but Functionally Cooperative, Receptor Complexes in Natural Killer Cells. <i>Journal of Experimental Medicine</i> , 2000, 192, 1059-1068.	8.5	210

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109	Constitutive expression of high affinity interleukin 2 receptors on human CD16-natural killer cells in vivo.. Journal of Experimental Medicine, 1990, 171, 1527-1533.	8.5	207
110	The developmental relationship between NK cells and T cells. Trends in Immunology, 1992, 13, 392-395.	7.5	206
111	Phosphotyrosines in the killer cell inhibitory receptor motif of NKB1 are required for negative signaling and for association with protein tyrosine phosphatase 1C.. Journal of Experimental Medicine, 1996, 184, 295-300.	8.5	202
112	miR-150 regulates the development of NK and iNKT cells. Journal of Experimental Medicine, 2011, 208, 2717-2731.	8.5	202
113	Myeloid DAP12-associating lectin (MDL)-1 is a cell surface receptor involved in the activation of myeloid cells. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9792-9796.	7.1	198
114	Viral modulation of NK cell immunity. Nature Reviews Microbiology, 2005, 3, 59-69.	28.6	195
115	The ITAM-bearing transmembrane adaptor DAP12 in lymphoid and myeloid cell function. Trends in Immunology, 2000, 21, 611-614.	7.5	185
116	Cutting Edge: Toll-Like Receptor Signaling in Macrophages Induces Ligands for the NKG2D Receptor. Journal of Immunology, 2004, 172, 2001-2005.	0.8	185
117	CD94 and a Novel Associated Protein (94AP) Form a NK Cell Receptor Involved in the Recognition of HLA-A, HLA-B, and HLA-C Allotypes. Immunity, 1996, 5, 163-172.	14.3	182
118	Identification of transcriptional regulators in the mouse immune system. Nature Immunology, 2013, 14, 633-643.	14.5	179
119	Human natural killer cells isolated from peripheral blood do not rearrange T cell antigen receptor beta chain genes.. Journal of Experimental Medicine, 1986, 163, 209-214.	8.5	178
120	Presence of Ti (WT31) negative T lymphocytes in normal blood and thymus. Nature, 1986, 324, 268-270.	27.8	177
121	Modulation of Natural Killer Cell Cytotoxicity in Human Cytomegalovirus Infection: The Role of Endogenous Class I Major Histocompatibility Complex and a Viral Class I Homolog. Journal of Experimental Medicine, 1998, 187, 1681-1687.	8.5	176
122	NK Cells and Immune "Memory". Journal of Immunology, 2011, 186, 1891-1897.	0.8	176
123	Type I IFN promotes NK cell expansion during viral infection by protecting NK cells against fratricide. Journal of Experimental Medicine, 2016, 213, 225-233.	8.5	175
124	Functional properties of a unique subset of cytotoxic CD3+ T lymphocytes that express Fc receptors for IgG (CD16/Leu-11 antigen).. Journal of Experimental Medicine, 1985, 162, 2089-2106.	8.5	171
125	Differential Expression of Leukocyte Receptor Complex-Encoded Ig-Like Receptors Correlates with the Transition from Effector to Memory CTL. Journal of Immunology, 2001, 166, 3933-3941.	0.8	170
126	Evidence for NK Cell Subsets Based on Chemokine Receptor Expression. Journal of Immunology, 2006, 177, 7833-7840.	0.8	170

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127	Specificity of HLA class I antigen recognition by human NK clones: evidence for clonal heterogeneity, protection by self and non-self alleles, and influence of the target cell type.. Journal of Experimental Medicine, 1993, 178, 1321-1336.	8.5	169
128	The T cell antigen receptor complex expressed on normal peripheral blood CD4+, CD8- T lymphocytes. A CD3-associated disulfide-linked gamma chain heterodimer.. Journal of Experimental Medicine, 1987, 165, 1076-1094.	8.5	168
129	Relative contribution of the leukocyte molecules MO1, LFA-1, and p150,95 (LeuM5) in adhesion of granulocytes and monocytes to vascular endothelium is tissue- and stimulus-specific. Journal of Cellular Physiology, 1988, 137, 305-309.	4.1	166
130	NKG2D triggers cytotoxicity in mouse NK cells lacking DAP12 or Syk family kinases. Nature Immunology, 2003, 4, 565-572.	14.5	166
131	A human anti-IL-2 antibody that potentiates regulatory T cells by a structure-based mechanism. Nature Medicine, 2018, 24, 1005-1014.	30.7	165
132	A Resource for the Conditional Ablation of microRNAs in the Mouse. Cell Reports, 2012, 1, 385-391.	6.4	163
133	Identification and sequence of a fourth human T cell antigen receptor chain. Nature, 1987, 330, 569-572.	27.8	161
134	An NK-like CAR T cell transition in CAR T cell dysfunction. Cell, 2021, 184, 6081-6100.e26.	28.9	160
135	Cloning and characterization of a novel mouse myeloid DAP12-associated receptor family. European Journal of Immunology, 2001, 31, 783-791.	2.9	157
136	Functional Consequences of Interactions between Human NKR-P1A and Its Ligand LLT1 Expressed on Activated Dendritic Cells and B Cells. Journal of Immunology, 2008, 180, 6508-6517.	0.8	157
137	Distinct Cytokine Profiles of Neonatal Natural Killer T Cells after Expansion with Subsets of Dendritic Cells. Journal of Experimental Medicine, 2001, 193, 1221-1226.	8.5	156
138	Evidence for three types of human cytotoxic lymphocyte. Trends in Immunology, 1986, 7, 132-134.	7.5	154
139	Cutting Edge: NKG2ChiCD57+ NK Cells Respond Specifically to Acute Infection with Cytomegalovirus and Not Epstein-Barr Virus. Journal of Immunology, 2014, 192, 4492-4496.	0.8	153
140	Cytotoxicity of CD56bright NK Cells towards Autologous Activated CD4+ T Cells Is Mediated through NKG2D, LFA-1 and TRAIL and Dampened via CD94/NKG2A. PLoS ONE, 2012, 7, e31959.	2.5	151
141	Heterogeneous phenotypes of expression of the NKB1 natural killer cell class I receptor among individuals of different human histocompatibility leukocyte antigens types appear genetically regulated, but not linked to major histocompatibility complex haplotype.. Journal of Experimental Medicine. 1996, 183, 1817-1827.	8.5	150
142	Function of NKG2D in natural killer cell-mediated rejection of mouse bone marrow grafts. Nature Immunology, 2005, 6, 938-945.	14.5	150
143	BDCA2/FcγRIIb3 Complex Signals through a Novel BCR-Like Pathway in Human Plasmacytoid Dendritic Cells. PLoS Biology, 2007, 5, e248.	5.6	148
144	Costimulatory Molecule DNAM-1 Is Essential for Optimal Differentiation of Memory Natural Killer Cells during Mouse Cytomegalovirus Infection. Immunity, 2014, 40, 225-234.	14.3	148

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145	Follow the Leader: NK Cell Receptors for Classical and Nonclassical MHC Class I. <i>Cell</i> , 1998, 92, 705-707.	28.9	147
146	Immune evasion mediated by tumor-derived lactate dehydrogenase induction of NKG2D ligands on myeloid cells in glioblastoma patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12823-12828.	7.1	146
147	p150/95, Third member of the LFA-1/CR3 polypeptide family identified by anti-Leu M5 monoclonal antibody. <i>European Journal of Immunology</i> , 1985, 15, 713-718.	2.9	143
148	NKG2D ligands: unconventional MHC class I-like molecules exploited by viruses and cancer. <i>Tissue Antigens</i> , 2003, 61, 335-343.	1.0	140
149	A Role for NKG2D in NK Cell-Mediated Resistance to Poxvirus Disease. <i>PLoS Pathogens</i> , 2008, 4, e30.	4.7	140
150	Natural killer cells activated in a human mixed lymphocyte response culture identified by expression of Leu-11 and class II histocompatibility antigens.. <i>Journal of Experimental Medicine</i> , 1984, 159, 993-1008.	8.5	139
151	NK cells in host responses to viral infections. <i>Current Opinion in Immunology</i> , 2017, 44, 43-51.	5.5	138
152	Epistasis between mouse <i>Klra</i> and major histocompatibility complex class I loci is associated with a new mechanism of natural killer cell-mediated innate resistance to cytomegalovirus infection. <i>Nature Genetics</i> , 2005, 37, 593-599.	21.4	137
153	The Cytomegalovirus m155 Gene Product Subverts Natural Killer Cell Antiviral Protection by Disruption of H60-NKG2D Interactions. <i>Journal of Experimental Medicine</i> , 2004, 200, 1075-1081.	8.5	133
154	TREM2, a DAP12-Associated Receptor, Regulates Osteoclast Differentiation and Function. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 237-245.	2.8	132
155	Face off – the interplay between activating and inhibitory immune receptors. <i>Current Opinion in Immunology</i> , 2001, 13, 326-331.	5.5	131
156	A distinct innate lymphoid cell population regulates tumor-associated T cells. <i>Nature Medicine</i> , 2017, 23, 368-375.	30.7	131
157	Natural killer cells remember: An evolutionary bridge between innate and adaptive immunity?. <i>European Journal of Immunology</i> , 2009, 39, 2059-2064.	2.9	130
158	Human T-cell-receptor delta chain: genomic organization, diversity, and expression in populations of cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 9714-9718.	7.1	129
159	The CD2-subset of the Ig superfamily of cell surface molecules: receptor-ligand pairs expressed by NK cells and other immune cells. <i>Seminars in Immunology</i> , 2000, 12, 149-157.	5.6	129
160	Cutting Edge: <i>KIR3DS1</i> , a Gene Implicated in Resistance to Progression to AIDS, Encodes a DAP12-Associated Receptor Expressed on NK Cells That Triggers NK Cell Activation. <i>Journal of Immunology</i> , 2007, 178, 647-651.	0.8	129
161	A Structural Basis for the Association of DAP12 with Mouse, but Not Human, NKG2D. <i>Journal of Immunology</i> , 2004, 173, 2470-2478.	0.8	128
162	Characterization and expression of the HLA-DC antigens defined by anti-Leu 10. <i>Human Immunology</i> , 1984, 10, 221-235.	2.4	127

#	ARTICLE	IF	CITATIONS
163	Turning on Natural Killer Cells. <i>Journal of Experimental Medicine</i> , 2000, 191, 1259-1262.	8.5	127
164	Activation of natural killer cells via the p75 interleukin 2 receptor.. <i>Journal of Experimental Medicine</i> , 1989, 170, 291-296.	8.5	125
165	Killer Cell Inhibitory Receptor Recognition of Human Leukocyte Antigen (HLA) Class I Blocks Formation of a pp36/PLC- β Signaling Complex in Human Natural Killer (NK) Cells. <i>Journal of Experimental Medicine</i> , 1996, 184, 2243-2250.	8.5	123
166	Homeostatic proliferation generates long-lived natural killer cells that respond against viral infection. <i>Journal of Experimental Medicine</i> , 2011, 208, 357-368.	8.5	122
167	Natural Killer Cells in Cancer Immunotherapy. <i>Annual Review of Cancer Biology</i> , 2019, 3, 77-103.	4.5	122
168	NK cell activation: distinct stimulatory pathways counterbalancing inhibitory signals. <i>Human Immunology</i> , 2000, 61, 18-27.	2.4	121
169	IL-21 Enhances Tumor Rejection through a NKG2D-Dependent Mechanism. <i>Journal of Immunology</i> , 2005, 175, 2167-2173.	0.8	121
170	Ly49P recognition of cytomegalovirus-infected cells expressing H2-Dk and CMV-encoded m04 correlates with the NK cell antiviral response. <i>Journal of Experimental Medicine</i> , 2009, 206, 515-523.	8.5	121
171	Natural killer cells: walking three paths down memory lane. <i>Trends in Immunology</i> , 2013, 34, 251-258.	6.8	120
172	The Repertoire of Killer Cell Ig-Like Receptor and CD94:NKG2A Receptors in T Cells: Clones Sharing Identical β TCR Rearrangement Express Highly Diverse Killer Cell Ig-Like Receptor Patterns. <i>Journal of Immunology</i> , 2001, 166, 3923-3932.	0.8	119
173	Inhibition of Immune Responses by ITAM-Bearing Receptors. <i>Science Signaling</i> , 2006, 2006, re1-re1.	3.6	119
174	Expression of Lyt-1 antigen on certain murine B cell lymphomas.. <i>Journal of Experimental Medicine</i> , 1981, 153, 998-1003.	8.5	118
175	Molecular Competition for NKG2D. <i>Immunity</i> , 2001, 15, 201-211.	14.3	118
176	Respiratory virus-induced EGFR activation suppresses IRF1-dependent interferon β and antiviral defense in airway epithelium. <i>Journal of Experimental Medicine</i> , 2013, 210, 1929-1936.	8.5	118
177	Activation of Natural Killer Cells and Dendritic Cells upon Recognition of a Novel CD99-like Ligand by Paired Immunoglobulin-like Type 2 Receptor. <i>Journal of Experimental Medicine</i> , 2004, 199, 525-533.	8.5	117
178	NKG2D in NK and T Cell-Mediated Immunity. <i>Journal of Clinical Immunology</i> , 2005, 25, 534-540.	3.8	115
179	Distinct Requirements of MicroRNAs in NK Cell Activation, Survival, and Function. <i>Journal of Immunology</i> , 2010, 185, 3835-3846.	0.8	115
180	Blockade of NKG2D on NKT cells prevents hepatitis and the acute immune response to hepatitis B virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18187-18192.	7.1	114

#	ARTICLE	IF	CITATIONS
181	Human CD3+ T lymphocytes that express neither CD4 nor CD8 antigens.. Journal of Experimental Medicine, 1986, 164, 339-344.	8.5	108
182	The Signaling Adapter Protein DAP12 Regulates Multinucleation During Osteoclast Development. Journal of Bone and Mineral Research, 2004, 19, 224-234.	2.8	108
183	Maternal Decidual Macrophages Inhibit NK Cell Killing of Invasive Cytotrophoblasts During Human Pregnancy. Biology of Reproduction, 2013, 88, 155-155.	2.7	108
184	In vivo and in vitro activation of natural killer cells in advanced cancer patients undergoing combined recombinant interleukin-2 and LAK cell therapy.. Journal of Clinical Oncology, 1987, 5, 1933-1941.	1.6	104
185	CD56negCD16+NK cells are activated mature NK cells with impaired effector function during HIV-1 infection. Retrovirology, 2013, 10, 158.	2.0	104
186	Human natural killer cell committed thymocytes and their relation to the T cell lineage.. Journal of Experimental Medicine, 1993, 178, 1857-1866.	8.5	103
187	Tolerance of NK cells encountering their viral ligand during development. Journal of Experimental Medicine, 2008, 205, 1819-1828.	8.5	103
188	Regulation of T cell lymphokine production by killer cell inhibitory receptor recognition of self HLA class I alleles.. Journal of Experimental Medicine, 1996, 184, 789-794.	8.5	102
189	Stage-specific regulation of natural killer cell homeostasis and response against viral infection by microRNA-155. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6967-6972.	7.1	101
190	Immune memory redefined: characterizing the longevity of natural killer cells. Immunological Reviews, 2010, 236, 83-94.	6.0	100
191	Conferral of Enhanced Natural Killer Cell Function by KIR3DS1 in Early Human Immunodeficiency Virus Type 1 Infection. Journal of Virology, 2008, 82, 4785-4792.	3.4	98
192	Cytomegalovirus generates long-lived antigen-specific NK cells with diminished bystander activation to heterologous infection. Journal of Experimental Medicine, 2014, 211, 2669-2680.	8.5	98
193	A model for the differentiation of human natural killer cells. Studies on the in vitro activation of Leu-11+ granular lymphocytes with a natural killer-sensitive tumor cell, K562.. Journal of Experimental Medicine, 1985, 161, 1464-1482.	8.5	97
194	2B4-mediated activation of human natural killer cells. Molecular Immunology, 2000, 37, 493-501.	2.2	97
195	Engagement of NKG2D by Cognate Ligand or Antibody Alone Is Insufficient to Mediate Costimulation of Human and Mouse CD8+ T Cells. Journal of Immunology, 2005, 174, 1922-1931.	0.8	96
196	CD94 Is Essential for NK Cell-Mediated Resistance to a Lethal Viral Disease. Immunity, 2011, 34, 579-589.	14.3	95
197	IFN-Dependent Down-Regulation of the NKG2D Ligand H60 on Tumors. Journal of Immunology, 2006, 176, 905-913.	0.8	94
198	The inter-locus recombinant HLA-B*4601 has high selectivity in peptide binding and functions characteristic of HLA-C.. Journal of Experimental Medicine, 1996, 184, 735-740.	8.5	93

#	ARTICLE	IF	CITATIONS
199	Down-Regulation of Basophil Function by Human CD200 and Human Herpesvirus-8 CD200. <i>Journal of Immunology</i> , 2005, 175, 4441-4449.	0.8	92
200	Suppression of tumor formation in lymph nodes by L-selectin-mediated natural killer cell recruitment. <i>Journal of Experimental Medicine</i> , 2005, 202, 1679-1689.	8.5	91
201	Functionally distinct subsets of human NK cells and monocyte/DC-like cells identified by coexpression of CD56, CD7, and CD4. <i>Blood</i> , 2009, 114, 4823-4831.	1.4	91
202	Shades of grey – the blurring view of innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2013, 13, 73-74.	22.7	86
203	Identification of antigen receptor-associated structures on murine T cells. <i>Nature</i> , 1985, 314, 107-109.	27.8	85
204	Natural Killer or Dendritic: What's in a Name?. <i>Immunity</i> , 2007, 26, 11-16.	14.3	85
205	Membrane anchoring of a human IgG Fc receptor (CD16) determined by a single amino acid. <i>Science</i> , 1989, 246, 1611-1613.	12.6	83
206	New nomenclature for MHC receptors. <i>Nature Immunology</i> , 2001, 2, 661-661.	14.5	83
207	NK cell regulation of T cell-mediated responses. <i>Molecular Immunology</i> , 2005, 42, 451-454.	2.2	83
208	Structural and serological heterogeneity of $\beta_2\text{-microglobulin}$ T cell antigen receptor expression in thymus and peripheral blood. <i>European Journal of Immunology</i> , 1988, 18, 1985-1992.	2.9	82
209	The SIRP1-like CD47 immune checkpoint in NK cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	82
210	DAP12: an adapter protein with dual functionality. <i>Immunological Reviews</i> , 2006, 214, 118-129.	6.0	80
211	Cutting Edge: IL-15-Independent NK Cell Response to Mouse Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2009, 183, 2911-2914.	0.8	80
212	Inhibitory MHC class I receptors on NK and T cells: a standard nomenclature. <i>Trends in Immunology</i> , 1996, 17, 100.	7.5	79
213	Structural elucidation of the m157 mouse cytomegalovirus ligand for Ly49 natural killer cell receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10128-10133.	7.1	76
214	Delineation of antigen-specific and antigen-nonspecific CD8+ memory T-cell responses after cytokine-based cancer immunotherapy. <i>Blood</i> , 2012, 119, 3073-3083.	1.4	76
215	The human natural killer gene complex is located on chromosome 12p12-p13. <i>Immunogenetics</i> , 1997, 46, 307-311.	2.4	73
216	IL-33 Receptor ST2 Amplifies the Expansion of NK Cells and Enhances Host Defense during Mouse Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2015, 194, 5948-5952.	0.8	73

#	ARTICLE	IF	CITATIONS
217	Concomitant induction of the cell surface expression of Ia determinants and accessory cell function by a murine macrophage tumor cell line.. Journal of Experimental Medicine, 1982, 155, 629-634.	8.5	72
218	Inducible Costimulator Costimulates Cytotoxic Activity and IFN- γ Production in Activated Murine NK Cells. Journal of Immunology, 2002, 169, 3676-3685.	0.8	72
219	The Activating Immunoreceptor NKG2D and Its Ligands Are Involved in Allograft Transplant Rejection. Journal of Immunology, 2007, 179, 6416-6420.	0.8	72
220	Cytomegalovirus immunoevasin reveals the physiological role of "missing self" recognition in natural killer cell dependent virus control in vivo. Journal of Experimental Medicine, 2010, 207, 2663-2673.	8.5	72
221	Proapoptotic Bim regulates antigen-specific NK cell contraction and the generation of the memory NK cell pool after cytomegalovirus infection. Journal of Experimental Medicine, 2014, 211, 1289-1296.	8.5	71
222	Multicolor immunofluorescence and flow cytometry. Methods, 1991, 2, 192-199.	3.8	70
223	Ly49H signaling through DAP10 is essential for optimal natural killer cell responses to mouse cytomegalovirus infection. Journal of Experimental Medicine, 2009, 206, 807-817.	8.5	69
224	Transcriptional Control of Natural Killer Cell Development and Function. Advances in Immunology, 2011, 109, 45-85.	2.2	69
225	Bone Microenvironment Specific Roles of ITAM Adapter Signaling during Bone Remodeling Induced by Acute Estrogen-Deficiency. PLoS ONE, 2007, 2, e586.	2.5	68
226	A renaissance for the tumor immunosurveillance hypothesis. Nature Medicine, 2001, 7, 1178-1180.	30.7	67
227	Immunodynamics: a cancer immunotherapy trials network review of immune monitoring in immuno-oncology clinical trials. , 2016, 4, 15.		67
228	Natural killer cell receptors and MHC class I interactions. Current Opinion in Immunology, 1997, 9, 126-131.	5.5	66
229	Activating and Inhibitory NK Cell Receptors. Advances in Experimental Medicine and Biology, 1998, 452, 13-18.	1.6	66
230	Natural Killer Cells in Perinatally HIV-1-Infected Children Exhibit Less Degranulation Compared to HIV-1-Exposed Uninfected Children and Their Expression of KIR2DL3, NKG2C, and NKp46 Correlates with Disease Severity. Journal of Immunology, 2007, 179, 3362-3370.	0.8	65
231	CEACAM1 dampens antitumor immunity by down-regulating NKG2D ligand expression on tumor cells. Journal of Experimental Medicine, 2011, 208, 2633-2640.	8.5	64
232	Cutting Edge: Viral Infection Breaks NK Cell Tolerance to "Missing Self". Journal of Immunology, 2008, 181, 7453-7457.	0.8	63
233	MicroRNA function in NK cell biology. Immunological Reviews, 2013, 253, 40-52.	6.0	63
234	Tracking the fate of antigen-specific versus cytokine-activated natural killer cells after cytomegalovirus infection. Journal of Experimental Medicine, 2016, 213, 2745-2758.	8.5	63

#	ARTICLE	IF	CITATIONS
235	CD200 Receptor Family Members Represent Novel DAP12-associated Activating Receptors on Basophils and Mast Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 54117-54123.	3.4	62
236	Adenovirus serotype 5 E1A sensitizes tumor cells to NKG2D-dependent NK cell lysis and tumor rejection. <i>Journal of Experimental Medicine</i> , 2005, 202, 1477-1482.	8.5	62
237	Elevated Frequency of Gamma Interferon-Producing NK Cells in Healthy Adults Vaccinated against Influenza Virus. <i>Vaccine Journal</i> , 2008, 15, 120-130.	3.1	62
238	Transport of misfolded endoplasmic reticulum proteins to the cell surface by MHC class II molecules. <i>International Immunology</i> , 2013, 25, 235-246.	4.0	62
239	Eri1 regulates microRNA homeostasis and mouse lymphocyte development and antiviral function. <i>Blood</i> , 2012, 120, 130-142.	1.4	61
240	Î22-Glycoprotein I/HLA class II complexes are novel autoantigens in antiphospholipid syndrome. <i>Blood</i> , 2015, 125, 2835-2844.	1.4	61
241	The T-cell antigen receptor gamma gene: rearrangement and cell lineages. <i>Trends in Immunology</i> , 1987, 8, 293-296.	7.5	60
242	Membrane anchoring and spontaneous release of CD16 (FcR III) by natural killer cells and granulocytes. <i>European Journal of Immunology</i> , 1989, 19, 775-778.	2.9	60
243	Specific recognition of virus-infected cells by paired NK receptors. <i>Reviews in Medical Virology</i> , 2004, 14, 83-93.	8.3	60
244	Dysregulation of signaling pathways in CD45-deficient NK cells leads to differentially regulated cytotoxicity and cytokine production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7012-7017.	7.1	60
245	Natural killer cells fertile with receptors for HLA-G?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 5343-5345.	7.1	59
246	Human antimicrobial cytotoxic T lymphocytes, defined by NK receptors and antimicrobial proteins, kill intracellular bacteria. <i>Science Immunology</i> , 2018, 3, .	11.9	59
247	Autoantibodies to IgG/HLA class II complexes are associated with rheumatoid arthritis susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3787-3792.	7.1	58
248	Homeostatic Control of Memory Cell Progenitors in the Natural Killer Cell Lineage. <i>Cell Reports</i> , 2015, 10, 280-291.	6.4	56
249	Novel type of murine B-cell lymphoma. <i>Nature</i> , 1978, 271, 554-555.	27.8	55
250	Increased TLR responses in dendritic cells lacking the ITAM-containing adapters DAP12 and FcÎ³R3. <i>European Journal of Immunology</i> , 2008, 38, 166-173.	2.9	55
251	Binding of Herpes Simplex Virus Glycoprotein B (gB) to Paired Immunoglobulin-Like Type 2 Receptor Î± Depends on Specific Sialylated O-Linked Glycans on gB. <i>Journal of Virology</i> , 2009, 83, 13042-13045.	3.4	55
252	ImmGen at 15. <i>Nature Immunology</i> , 2020, 21, 700-703.	14.5	55

#	ARTICLE	IF	CITATIONS
253	Denisovan, modern human and mouse TNFAIP3 alleles tune A20 phosphorylation and immunity. <i>Nature Immunology</i> , 2019, 20, 1299-1310.	14.5	53
254	The murine kappa light chain shift. <i>Nature</i> , 1978, 275, 154-157.	27.8	52
255	Intestinal epithelial cell endoplasmic reticulum stress promotes MULT1 up-regulation and NKG2D-mediated inflammation. <i>Journal of Experimental Medicine</i> , 2017, 214, 2985-2997.	8.5	52
256	Regulation of expression of class II major histocompatibility antigens on human peripheral blood monocytes and langerhans cells by interferon. <i>Human Immunology</i> , 1984, 10, 83-93.	2.4	51
257	The Natural Selection of Herpesviruses and Virus-Specific NK Cell Receptors. <i>Viruses</i> , 2009, 1, 362-382.	3.3	48
258	CALGB 150905 (Alliance): Rituximab Broadens the Antilymphoma Response by Activating Unlicensed NK Cells. <i>Cancer Immunology Research</i> , 2014, 2, 878-889.	3.4	48
259	Virus-driven evolution of natural killer cell receptors. <i>Microbes and Infection</i> , 2002, 4, 1505-1512.	1.9	47
260	EGFR activation suppresses respiratory virus-induced IRF1-dependent CXCL10 production. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L186-L196.	2.9	47
261	A Human Natural Killer Cell-Associated Antigen Defined by Monoclonal Antibody Anti-Leu (NKP-15): Functional and Two-Color Flow Cytometry Analysis. <i>Journal of Leukocyte Biology</i> , 1984, 35, 11-17.	3.3	45
262	Antigen-specific expansion and differentiation of natural killer cells by alloantigen stimulation. <i>Journal of Experimental Medicine</i> , 2014, 211, 2455-2465.	8.5	45
263	Cutting Edge: IL-2-Induced Expression of the Amino Acid Transporters SLC1A5 and CD98 Is a Prerequisite for NKG2D-Mediated Activation of Human NK Cells. <i>Journal of Immunology</i> , 2017, 199, 1967-1972.	0.8	45
264	Natural killer cells. <i>Current Opinion in Immunology</i> , 1992, 4, 38-42.	5.5	44
265	Differential effects of interleukin-3, interleukin-7, interleukin 15, and granulocyte-macrophage colony-stimulating factor in the generation of natural killer and B cells from primitive human fetal liver progenitors. <i>Experimental Hematology</i> , 2000, 28, 961-973.	0.4	44
266	Mouse Ly49G2+ NK cells dominate early responses during both immune reconstitution and activation independently of MHC. <i>Blood</i> , 2011, 117, 7032-7041.	1.4	44
267	CEACAM1 on activated NK cells inhibits NKG2D-mediated cytolytic function and signaling. <i>European Journal of Immunology</i> , 2013, 43, 2473-2483.	2.9	44
268	Evidence that the T cell antigen receptor may not be involved in cytotoxicity mediated by gamma/delta and alpha/beta thymic cell lines.. <i>Journal of Experimental Medicine</i> , 1987, 166, 1579-1584.	8.5	42
269	Platelet-induced expression of Fcγ3RIII (CD16) on human monocytes. <i>European Journal of Immunology</i> , 1991, 21, 895-899.	2.9	42
270	Development and Function of CD94-Deficient Natural Killer Cells. <i>PLoS ONE</i> , 2010, 5, e15184.	2.5	42

#	ARTICLE	IF	CITATIONS
271	Is There Natural Killer Cell Memory and Can It Be Harnessed by Vaccination?. Cold Spring Harbor Perspectives in Biology, 2018, 10, a029538.	5.5	41
272	Natural killer cells in lung transplantation. Thorax, 2019, 74, 397-404.	5.6	41
273	Functional expression of CD28 on T cell antigen receptor β -bearing T lymphocytes. European Journal of Immunology, 1989, 19, 185-188.	2.9	39
274	Skewed distribution of natural killer cells in psoriasis skin lesions. Experimental Dermatology, 2013, 22, 64-66.	2.9	38
275	Transplantable B-cell lymphomas in B10. H-2 a H-4 b p/W ts mice. Immunogenetics, 1982, 16, 367-371.	2.4	37
276	The Epithelial Cellular Adhesion Molecule (EP-Cam) Is a Ligand for the Leukocyte-Associated Immunoglobulin-like Receptor (Lair). Journal of Experimental Medicine, 2001, 194, 107-112.	8.5	37
277	Ly-49s3 Is a Promiscuous Activating Rat NK Cell Receptor for Nonclassical MHC Class I-Encoded Target Ligands. Journal of Immunology, 2002, 169, 22-30.	0.8	37
278	The Role of Innate Immunity in Autoimmunity. Journal of Experimental Medicine, 2004, 200, 1527-1531.	8.5	37
279	Consortium biology in immunology: the perspective from the Immunological Genome Project. Nature Reviews Immunology, 2012, 12, 734-740.	22.7	37
280	Natural killers join the fight against cancer. Science, 2018, 359, 1460-1461.	12.6	37
281	Intact NKG2D-Independent Function of NK Cells Chronically Stimulated with the NKG2D Ligand Rae-1. Journal of Immunology, 2010, 185, 157-165.	0.8	36
282	Do the terms innate and adaptive immunity create conceptual barriers?. Nature Reviews Immunology, 2009, 9, 302-303.	22.7	35
283	Alpha/beta T-cell antigen receptor gene and protein expression occurs at early stages of thymocyte differentiation.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 1174-1178.	7.1	34
284	An Essential Role of Sialylated <i>O</i> -Linked Sugar Chains in the Recognition of Mouse CD99 by Paired Ig-Like Type 2 Receptor (PILR). Journal of Immunology, 2008, 180, 1686-1693.	0.8	34
285	NK cell recognition of major histocompatibility complex class I molecules. Seminars in Immunology, 1995, 7, 75-82.	5.6	33
286	Missing Self, NK Cells, and The White Album. Journal of Immunology, 2005, 174, 6565-6565.	0.8	33
287	The immunoreceptor adapter protein DAP12 suppresses B lymphocyte-driven adaptive immune responses. Journal of Experimental Medicine, 2011, 208, 1661-1671.	8.5	33
288	Transgenic Expression of Ly-49A in Thymocytes Alters Repertoire Selection. Journal of Immunology, 2000, 164, 884-892.	0.8	32

#	ARTICLE	IF	CITATIONS
289	Beyond the transcriptome: completion of act one of the Immunological Genome Project. <i>Current Opinion in Immunology</i> , 2013, 25, 593-597.	5.5	32
290	Natural killer cells activated through NKG2D mediate lung ischemia-reperfusion injury. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	32
291	The Origin and Functions of Natural Killer Cells. <i>Clinical Immunology</i> , 2000, 95, S14-S18.	3.2	31
292	NKG2D Receptor Signaling Enhances Cytolytic Activity by Virus-Specific CD8 ⁺ T Cells: Evidence for a Protective Role in Virus-Induced Encephalitis. <i>Journal of Virology</i> , 2008, 82, 3031-3044.	3.4	31
293	Antigens associated with the activation of murine mononuclear phagocytes in vivo: Differential expression of lymphocyte function-associated antigen in the several stages of development. <i>Cellular Immunology</i> , 1985, 94, 265-275.	3.0	30
294	The role of natural killer cells in transplantation. <i>Current Opinion in Immunology</i> , 1995, 7, 626-631.	5.5	30
295	Molecular cloning and characterization of pig immunoreceptor DAP10 and NKG2D. <i>Immunogenetics</i> , 2001, 53, 243-249.	2.4	30
296	Experimental Malaria Infection Triggers Early Expansion of Natural Killer Cells. <i>Infection and Immunity</i> , 2008, 76, 5873-5882.	2.2	30
297	NKG2C Natural Killer Cells in Bronchoalveolar Lavage Are Associated With Cytomegalovirus Viremia and Poor Outcomes in Lung Allograft Recipients. <i>Transplantation</i> , 2019, 103, 493-501.	1.0	30
298	The effects of recombinant interleukin 2-activated natural killer cells on autologous peripheral blood hematopoietic progenitors.. <i>Journal of Experimental Medicine</i> , 1988, 168, 47-54.	8.5	29
299	NKG2D in Innate and Adaptive Immunity. , 2005, 560, 51-56.		29
300	Cutting Edge: The Minor Histocompatibility Antigen H60 Peptide Interacts with Both H-2Kb and NKG2D. <i>Journal of Immunology</i> , 2002, 168, 3131-3134.	0.8	28
301	Human NKG2E Is Expressed and Forms an Intracytoplasmic Complex with CD94 and DAP12. <i>Journal of Immunology</i> , 2014, 193, 610-616.	0.8	28
302	Activating Receptors for Self-MHC Class I Enhance Effector Functions and Memory Differentiation of NK Cells during Mouse Cytomegalovirus Infection. <i>Immunity</i> , 2016, 45, 74-82.	14.3	28
303	Immunodeficiency Disorders. <i>Hematology American Society of Hematology Education Program</i> , 2003, 2003, 314-330.	2.5	27
304	Immune Reconstitution of CD56 ^{dim} NK Cells in Individuals with Primary HIV-1 Infection Treated with Interleukin-2. <i>Journal of Infectious Diseases</i> , 2008, 197, 117-125.	4.0	27
305	Neutrophils Regulate Humoral Autoimmunity by Restricting Interferon- γ Production via the Generation of Reactive Oxygen Species. <i>Cell Reports</i> , 2015, 12, 1120-1132.	6.4	27
306	The Murine T Cell Antigen Receptor and Associated Structures. <i>Immunological Reviews</i> , 1984, 81, 145-160.	6.0	26

#	ARTICLE	IF	CITATIONS
307	Interleukin-7 specifically induces the B7/BB1 antigen on human cord blood and peripheral blood T cells and T cell clones. <i>International Immunology</i> , 1993, 5, 753-759.	4.0	26
308	The Lectin-like Receptor KLRE1 Inhibits Natural Killer Cell Cytotoxicity. <i>Journal of Experimental Medicine</i> , 2003, 197, 1551-1561.	8.5	26
309	Critical Residues at the Ly49 Natural Killer Receptor's Homodimer Interface Determine Functional Recognition of m157, a Mouse Cytomegalovirus MHC Class I-Like Protein. <i>Journal of Immunology</i> , 2007, 178, 369-377.	0.8	25
310	Back to the future –defining NK cells and T cells. <i>European Journal of Immunology</i> , 2007, 37, 1424-1426.	2.9	25
311	DAP12 Is Required for Macrophage Recruitment to the Lung in Response to Cigarette Smoke and Chemotaxis toward CCL2. <i>Journal of Immunology</i> , 2010, 184, 6522-6528.	0.8	25
312	PANP is a novel O-glycosylated PILRÎ± ligand expressed in neural tissues. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 428-433.	2.1	25
313	Viral immunoreceptor tyrosine-based activation motif (ITAM)-mediated signaling in cell transformation and cancer. <i>Trends in Cell Biology</i> , 2006, 16, 388-390.	7.9	24
314	KLF12 Regulates Mouse NK Cell Proliferation. <i>Journal of Immunology</i> , 2019, 203, 981-989.	0.8	24
315	The gamma T-cell antigen receptor. <i>Journal of Clinical Immunology</i> , 1987, 7, 429-440.	3.8	23
316	The requirement for NKG2D in NK cell-mediated rejection of parental bone marrow grafts is determined by MHC class I expressed by the graft recipient. <i>Blood</i> , 2010, 116, 5208-5216.	1.4	23
317	Inhibitory Ly49 Receptors on Mouse Natural Killer Cells. <i>Current Topics in Microbiology and Immunology</i> , 2010, 350, 67-87.	1.1	23
318	Rapid and sequential quantitation of salivary gland-associated mouse cytomegalovirus in oral lavage. <i>Journal of Virological Methods</i> , 2014, 205, 53-56.	2.1	23
319	In silico modeling identifies CD45 as a regulator of IL-2 synergy in the NKG2D-mediated activation of immature human NK cells. <i>Science Signaling</i> , 2017, 10, .	3.6	23
320	High Levels of RAE-1 Isoforms on Mouse Tumor Cell Lines Assessed by Anti-panRAE-1 Antibody Confer Tumor Susceptibility to NK Cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 140-145.	2.1	22
321	CD28/CTLA-4 ligands: the gene encoding CD86 (B70/B7.2) maps to the same region as CD80 (B7/B7.1) gene in human chromosome 3q13-q23. <i>European Journal of Immunology</i> , 1995, 25, 1453-1456.	2.9	21
322	Versatility in NK cell memory. <i>Immunology and Cell Biology</i> , 2011, 89, 327-329.	2.3	21
323	Cutting Edge: NKG2D Signaling Enhances NK Cell Responses but Alone Is Insufficient To Drive Expansion during Mouse Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2017, 199, 1567-1571.	0.8	21
324	Biphasic response of NK cells expressing both activating and inhibitory killer Ig-like receptors. <i>International Immunology</i> , 2001, 13, 1043-1052.	4.0	20

#	ARTICLE	IF	CITATIONS
325	Natural killer cells: roundup. <i>Immunological Reviews</i> , 2006, 214, 5-8.	6.0	20
326	Recognition of host Clr-b by the inhibitory NKR-P1B receptor provides a basis for missing-self recognition. <i>Nature Communications</i> , 2018, 9, 4623.	12.8	20
327	Hypoimmune induced pluripotent stem cellâ€‘derived cell therapeutics treat cardiovascular and pulmonary diseases in immunocompetent allogeneic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	20
328	Differential requirements for CD45 in NK-cell function reveal distinct roles for Syk-family kinases. <i>Blood</i> , 2011, 117, 3087-3095.	1.4	19
329	NK Cells Are Not Required for Spontaneous Autoimmune Diabetes in NOD Mice. <i>PLoS ONE</i> , 2012, 7, e36011.	2.5	19
330	A Map of the Cell Surface Antigens Expressed on Resting and Activated Human Natural Killer Cells. , 1986, , 157-170.		19
331	Evidence for Differential Roles for NKG2D Receptor Signaling in Innate Host Defense against Coronavirus-Induced Neurological and Liver Disease. <i>Journal of Virology</i> , 2008, 82, 3021-3030.	3.4	18
332	Report from Vienna: In search of all surface molecules expressed on human leukocytes. <i>Journal of Clinical Immunology</i> , 1989, 9, 265-272.	3.8	17
333	A novel beta 4, alpha 6 integrin-associated epithelial cell antigen involved in natural killer cell and antigen-specific cytotoxic T lymphocyte cytotoxicity.. <i>Journal of Experimental Medicine</i> , 1991, 174, 1571-1581.	8.5	17
334	KLRE/I1 and KLRE/I2: A Novel Pair of Heterodimeric Receptors That Inversely Regulate NK Cell Cytotoxicity. <i>Journal of Immunology</i> , 2008, 181, 3177-3182.	0.8	17
335	Location of Ly-7 on mouse chromosome 12. <i>Immunogenetics</i> , 1984, 19, 539-543.	2.4	16
336	NKG2D ligand expression in Crohn's disease and NKG2D-dependent stimulation of CD8+ T cell migration. <i>Experimental and Molecular Pathology</i> , 2017, 103, 56-70.	2.1	16
337	Caspase-8 restricts antiviral CD8 T cell hyperaccumulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15170-15177.	7.1	16
338	Increased number and function of natural killer cells in human immunodeficiency virus 1â€‘positive subjects coâ€‘infected with herpes simplex virus 2. <i>Immunology</i> , 2010, 129, 186-196.	4.4	15
339	FcÎ¼RI Î³3-Chain Negatively Modulates Dectin-1 Responses in Dendritic Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1424.	4.8	15
340	A Modified Injector and Sample Acquisition Protocol Can Improve Data Quality and Reduce Interâ€‘Instrument Variability of the Helios Mass Cytometer. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 1019-1030.	1.5	15
341	Mass cytometry reveals single-cell kinetics of cytotoxic lymphocyte evolution in CMV-infected renal transplant patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	15
342	Molecular cloning, gene structure, and expression pattern of pig immunoreceptor DAP12. <i>Immunogenetics</i> , 2000, 51, 436-442.	2.4	14

#	ARTICLE	IF	CITATIONS
343	Activating Receptor NKG2D Targets RAE-1-Expressing Allogeneic Neural Precursor Cells in a Viral Model of Multiple Sclerosis. <i>Stem Cells</i> , 2014, 32, 2690-2701.	3.2	14
344	Differential IL-12 signaling induces human natural killer cell activating receptor-mediated ligand-specific expansion. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	14
345	Of snowflakes and natural killer cell subsets. <i>Nature Biotechnology</i> , 2014, 32, 140-142.	17.5	13
346	Editorial: Emerging Concepts on the NKG2D Receptor-Ligand Axis in Health and Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 562.	4.8	13
347	The CD3 ζ adaptor structure determines functional differences between human and mouse CD16 Fc receptor signaling. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	13
348	Distribution and Function of Lymphocyte Surface Antigens.. <i>Annals of the New York Academy of Sciences</i> , 1993, 677, 86-93.	3.8	12
349	HLA Upregulation During Dengue Virus Infection Suppresses the Natural Killer Cell Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 268.	3.9	12
350	Ontogeny of natural killer cells. <i>Nature</i> , 1986, 319, 269-270.	27.8	11
351	Naive Mouse Macrophages Become Activated following Recognition of L5178Y Lymphoma Cells via Concurrent Ligation of CD40, NKG2D, and CD18 Molecules. <i>Journal of Immunology</i> , 2009, 182, 1940-1953.	0.8	11
352	Chronic In Vivo Interaction of Dendritic Cells Expressing the Ligand Rae-1 μ with NK Cells Impacts NKG2D Expression and Function. <i>ImmunoHorizons</i> , 2017, 1, 10-19.	1.8	11
353	EBI3 regulates the NK cell response to mouse cytomegalovirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1625-1630.	7.1	10
354	Natural Killer Cell Licensing During Viral Infection. <i>Advances in Experimental Medicine and Biology</i> , 2011, 780, 37-44.	1.6	9
355	Specificity of two anti-class IHLA monoclonal antibodies that block class I recognition by the NKB1 killer cell inhibitory receptor. <i>Tissue Antigens</i> , 1996, 48, 278-284.	1.0	8
356	Crk Adaptor Proteins Regulate NK Cell Expansion and Differentiation during Mouse Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2018, 200, 3420-3428.	0.8	8
357	NK and CD8+ T cell phenotypes predict onset and control of CMV viremia after kidney transplant. <i>JCI Insight</i> , 2021, 6, .	5.0	8
358	Cutting Edge: Heterogeneity in Cell Age Contributes to Functional Diversity of NK Cells. <i>Journal of Immunology</i> , 2021, 206, 465-470.	0.8	7
359	Just the FACS. <i>Journal of Immunology</i> , 2014, 193, 2043-2044.	0.8	6
360	Sweet Is the Memory of Past Troubles: NK Cells Remember. <i>Current Topics in Microbiology and Immunology</i> , 2015, 395, 147-171.	1.1	6

#	ARTICLE	IF	CITATIONS
361	Connecting the dots across time: reconstruction of single-cell signalling trajectories using time-stamped data. <i>Royal Society Open Science</i> , 2017, 4, 170811.	2.4	6
362	Lym 7.2: Monoclonal Antibody Defining an Alloantigen Similar or Identical to Ly 7.2. <i>Hybridoma</i> , 1982, 1, 227-241.	0.6	5
363	Natural killer cells in NOD.NK1.1 mice acquire cytolytic function during viral infection and provide protection against cytomegalovirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15844-15849.	7.1	5
364	Plastic fantastic innate lymphoid cells. <i>Journal of Experimental Medicine</i> , 2019, 216, 1726-1727.	8.5	5
365	Influence of Self-MHC Class I Recognition on the Dynamics of NK Cell Responses to Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2022, 208, 1742-1754.	0.8	5
366	Early detection of the CH1 murine lymphoma by tumor-associated idiotype in the serum. <i>International Journal of Cancer</i> , 1979, 24, 53-59.	5.1	4
367	Monocyte Activation by Interferon γ Is Associated With Failure to Achieve a Sustained Virologic Response After Treatment for Hepatitis C Virus Infection. <i>Journal of Infectious Diseases</i> , 2014, 209, 1602-1612.	4.0	4
368	Memory T Cell Proliferation before Hepatitis C Virus Therapy Predicts Antiviral Immune Responses and Treatment Success. <i>Journal of Immunology</i> , 2018, 200, 1124-1132.	0.8	4
369	Caspase-8 restricts natural killer cell accumulation during MCMV Infection. <i>Medical Microbiology and Immunology</i> , 2019, 208, 543-554.	4.8	4
370	Lym 7.3: New Murine Specificity Defining Third Allele of the Ly 7 Locus. <i>Hybridoma</i> , 1983, 2, 177-185.	0.6	3
371	Data analysis to modeling to building theory in NK cell biology and beyond: How can computational modeling contribute?. <i>Journal of Leukocyte Biology</i> , 2019, 105, 1305-1317.	3.3	3
372	Tetramer Immunization and Selection Followed by CELLISA Screening to Generate Monoclonal Antibodies against the Mouse Cytomegalovirus m12 Immuno-evasin. <i>Journal of Immunology</i> , 2020, 205, 1709-1717.	0.8	3
373	Natural Killer (NK) Cells Respond to CMV Reactivation After Allogeneic Transplantation with An Increase in NKG2C+CD57+ Self-KIR+ NK Cells with Potent IFN γ Production. <i>Blood</i> , 2011, 118, 356-356.	1.4	3
374	Expression of Ly-1 and Ly-2 on a spontaneous AKR B-cell lymphoma. <i>Immunogenetics</i> , 1983, 17, 655-659.	2.4	2
375	Immunological techniques. <i>Current Opinion in Immunology</i> , 1992, 4, 187-188.	5.5	2
376	Use of cDNA Library Expression Cloning to Identify Components of Heterodimeric Receptor Complexes. , 2000, 121, 273-281.		2
377	First Sighting of the Elusive T Cell Antigen Receptor. <i>Journal of Immunology</i> , 2005, 174, 1143-1143.	0.8	2
378	Founding father of FACS: Professor Leonard A. Herzenberg (1931-2013). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20848-20849.	7.1	2

#	ARTICLE	IF	CITATIONS
379	Triggering Structures on NK Cells. , 1993, , 84-95.		2
380	Increased TLR Responses in Dendritic Cells Lacking the Itam-Containing Adapters Dap12 and FcR γ 3. FASEB Journal, 2008, 22, 1065.36.	0.5	2
381	Immigration in science. Journal of Experimental Medicine, 2020, 217, .	8.5	2
382	A Schema for the Classification of Cytotoxic Lymphocytes Based on T Cell Antigen Receptor Gene Rearrangement and Fc Receptor (CD 16) or NKH-1/Leu 19 Antigen Expression. , 1986, , 10-18.		1
383	Natural Killer Cells. , 2016, , 353-356.		1
384	A functional mammalian display screen identifies rare antibodies that stimulate NK cell-mediated cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2104099118.	7.1	1
385	Natural Killer Cell Response against Viruses. , 0, , 197-207.		1
386	Respiratory virus-induced EGFR activation suppresses IRF1-dependent Interferon- β and antiviral defense in airway epithelium. Journal of Cell Biology, 2013, 202, 202601A89.	5.2	1
387	TOLERANCE TO NON-H-2 HISTOCOMPATIBILITY ANTIGENS. Transplantation, 1979, 27, 208-211.	1.0	0
388	NKB1: A Killer Cell Inhibitory Receptor for Class I HLA-B Allotypes. Chemical Immunology and Allergy, 1996, 64, 104-115.	1.7	0
389	NKB1: A Killer Cell Inhibitory Receptor for Class I HLA-B Allotypes. Chemical Immunology and Allergy, 1996, 64, 104-115.	1.7	0
390	Introduction. Seminars in Immunology, 2000, 12, 99-100.	5.6	0
391	Paul J. Leibson 1952-2007. Immunity, 2007, 27, 531-532.	14.3	0
392	NKG2D Signaling and Host Defense after Mouse Hepatitis Virus Infection of the Central Nervous System. Advances in Experimental Medicine and Biology, 2006, 581, 369-372.	1.6	0
393	NKG2D dependent killing of Adenovirus serotype 5 E1A expressing tumor cells by bone marrow derived murine macrophages. FASEB Journal, 2008, 22, 1078.13.	0.5	0
394	Abstract 3656: Therapeutic effects of anti-KIR antibodies against metastatic cancer cells with aberrant expression of Natural Killer-Cell Immunoglobulin-like Receptors (KIRs). , 2011, , .		0
395	Abstract IA8: Natural killer cells in host defense against cancer. , 2011, , .		0
396	miR-150 regulates the development of NK and iNKT cells. Journal of Cell Biology, 2011, 195, i7-i7.	5.2	0

#	ARTICLE	IF	CITATIONS
397	ACTIVATION OF MURINE B CELL LYMPHOMAS11Supported by NIH grant CA-22105.. , 1982, , 431-443.		0
398	Abstract 4836: Immune-tolerance due to aberrant expression of Natural Killer-Cell Immunoglobulin-like Receptors (KIRs) on cancer cells and enhanced cancer-platelet interactions. , 2014, , .		0
399	Immigration in science. Journal of Experimental Medicine, 2020, 217, .	8.5	0