Lewis L Lanier

List of Publications by Year
in descending order

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399	76,029	311	626
papers	citations	142 h-index	265 g-index

440	440	440	49959
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activation of NK Cells and T Cells by NKG2D, a Receptor for Stress-Inducible MICA. Science, 1999, 285, 727-729.	6.0	2,677
2	NK CELL RECOGNITION. Annual Review of Immunology, 2005, 23, 225-274.	9.5	2,490
3	Innate or Adaptive Immunity? The Example of Natural Killer Cells. Science, 2011, 331, 44-49.	6.0	2,234
4	HLA-E binds to natural killer cell receptors CD94/NKG2A, B and C. Nature, 1998, 391, 795-799.	13.7	1,983
5	The Immunological Genome Project: networks of gene expression in immune cells. Nature Immunology, 2008, 9, 1091-1094.	7.0	1,576
6	NK CELL RECEPTORS. Annual Review of Immunology, 1998, 16, 359-393.	9.5	1,553
7	Up on the tightrope: natural killer cell activation and inhibition. Nature Immunology, 2008, 9, 495-502.	7.0	1,425
8	Adaptive immune features of natural killer cells. Nature, 2009, 457, 557-561.	13.7	1,358
9	Immune Inhibitory Receptors. Science, 2000, 290, 84-89.	6.0	1,141
10	Direct Recognition of Cytomegalovirus by Activating and Inhibitory NK Cell Receptors. Science, 2002, 296, 1323-1326.	6.0	1,060
11	CD69 acts downstream of interferon-Î±/Î² to inhibit S1P1 and lymphocyte egress from lymphoid organs. Nature, 2006, 440, 540-544.	13.7	1,014
12	Human Diversity in Killer Cell Inhibitory Receptor Genes. Immunity, 1997, 7, 753-763.	6.6	1,010
13	An Activating Immunoreceptor Complex Formed by NKG2D and DAP10. Science, 1999, 285, 730-732.	6.0	916
14	NK cells and cancer: you can teach innate cells new tricks. Nature Reviews Cancer, 2016, 16, 7-19.	12.8	903
15	B70 antigen is a second ligand for CTLA-4 and CD28. Nature, 1993, 366, 76-79.	13.7	883
16	Immunoreceptor DAP12 bearing a tyrosine-based activation motif is involved in activating NK cells. Nature, 1998, 391, 703-707.	13.7	804
17	Natural killer cells, viruses and cancer. Nature Reviews Immunology, 2001, 1, 41-49.	10.6	750
18	Expansion of a unique CD57⁺NKG2C^{hi}natural killer cell subset during acute human cytomegalovirus infection. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14725-14732.	3.3	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. Immunity, 2004, 21, 357-366.	6.6	723
20	Polymerase chain reaction with single-sided specificity: analysis of T cell receptor delta chain. Science, 1989, 243, 217-220.	6.0	696
21	Functionally and Structurally Distinct NK Cell Receptor Repertoires in the Peripheral Blood of Two Human Donors. Immunity, 1997, 7, 739-751.	6.6	689
22	Dissection of the lymphokine-activated killer phenomenon. Relative contribution of peripheral blood natural killer cells and T lymphocytes to cytolysis.. Journal of Experimental Medicine, 1986, 164, 814-825.	4.2	685
23	Retinoic Acid Early Inducible Genes Define a Ligand Family for the Activating NKG2D Receptor in Mice. Immunity, 2000, 12, 721-727.	6.6	647
24	CD57 defines a functionally distinct population of mature NK cells in the human CD56dimCD16+ NK-cell subset. Blood, 2010, 116, 3865-3874.	0.6	636
25	Multiple early factors anticipate post-acute COVID-19 sequelae. Cell, 2022, 185, 881-895.e20.	13.5	605
26	Cytomegalovirus reactivation after allogeneic transplantation promotes a lasting increase in educated NKG2C+ natural killer cells with potent function. Blood, 2012, 119, 2665-2674.	0.6	581
27	NK cell development, homeostasis and function: parallels with CD8+ T cells. Nature Reviews Immunology, 2011, 11, 645-657.	10.6	557
28	DNAM-1, A Novel Adhesion Molecule Involved in the Cytolytic Function of T Lymphocytes. Immunity, 1996, 4, 573-581.	6.6	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. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 11521-11526.	3.3	544
30	Human lymphocytes bearing T cell receptor gamma/delta are phenotypically diverse and evenly distributed throughout the lymphoid system.. Journal of Experimental Medicine, 1989, 169, 1277-1294.	4.2	539
31	Apoptotic signaling through CD95 (Fas/Apo-1) activates an acidic sphingomyelinase.. Journal of Experimental Medicine, 1994, 180, 1547-1552.	4.2	526
32	NKG2D Receptor and Its Ligands in Host Defense. Cancer Immunology Research, 2015, 3, 575-582.	1.6	508
33	Association of DAP12 with Activating CD94/NKG2C NK Cell Receptors. Immunity, 1998, 8, 693-701.	6.6	495
34	The Bw4 public epitope of HLA-B molecules confers reactivity with natural killer cell clones that express NKB1, a putative HLA receptor.. Journal of Experimental Medicine, 1995, 181, 1133-1144.	4.2	485
35	Hypoimmunogenic derivatives of induced pluripotent stem cells evade immune rejection in fully immunocompetent allogeneic recipients. Nature Biotechnology, 2019, 37, 252-258.	9.4	470
36	Epigenetic Modification and Antibody-Dependent Expansion of Memory-like NK Cells in Human Cytomegalovirus-Infected Individuals. Immunity, 2015, 42, 431-442.	6.6	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.	4.2	461
38	Natural killer cell memory in infection, inflammation and cancer. Nature Reviews Immunology, 2016, 16, 112-123.	10.6	459
39	Multi-Omics Resolves a Sharp Disease-State Shift between Mild and Moderate COVID-19. Cell, 2020, 183, 1479-1495.e20.	13.5	449
40	The immunomodulatory adapter proteins DAP12 and Fc receptor Â-chain (FcRÂ) 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.	3.3	441
41	Loss-of-function mutations in TYROBP (DAP12) result in a presenile dementia with bone cysts. Nature Genetics, 2000, 25, 357-361.	9.4	436
42	Effect of NKG2D ligand expression on host immune responses. Immunological Reviews, 2010, 235, 267-285.	2.8	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.	1.2	428
44	Injured sensory neuronâ€“derived CSF1 induces microglial proliferation and DAP12-dependent pain. Nature Neuroscience, 2016, 19, 94-101.	7.1	421
45	NK cells and type 1 innate lymphoid cells: partners in host defense. Nature Immunology, 2016, 17, 758-764.	7.0	413
46	Co-association of CD3Î¶ with a receptor (CD16) for IgG Fc on human natural killer cells. Nature, 1989, 342, 803-805.	13.7	406
47	Tim-3 marks human natural killer cell maturation and suppresses cell-mediated cytotoxicity. Blood, 2012, 119, 3734-3743.	0.6	406
48	Evolutionary struggles between NK cells and viruses. Nature Reviews Immunology, 2008, 8, 259-268.	10.6	399
49	Natural killer cells as an initial defense against pathogens. Current Opinion in Immunology, 2006, 18, 391-398.	2.4	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.	0.4	375
51	Interferon-producing killer dendritic cells provide a link between innate and adaptive immunity. Nature Medicine, 2006, 12, 207-213.	15.2	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.	4.2	369
53	Natural Killer Cells and Cancer. Advances in Cancer Research, 2003, 90, 127-156.	1.9	360
54	Natural Killer Cell Education and Tolerance. Cell, 2010, 142, 847-856.	13.5	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.	4.2	349
56	LAIR-1, a Novel Inhibitory Receptor Expressed on Human Mononuclear Leukocytes. Immunity, 1997, 7, 283-290.	6.6	349
57	FcÎ±/Î¼ receptor mediates endocytosis of IgM-coated microbes. Nature Immunology, 2000, 1, 441-446.	7.0	346
58	The Ets-1 Transcription Factor Is Required for the Development of Natural Killer Cells in Mice. Immunity, 1998, 9, 555-563.	6.6	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.	4.2	337
60	Natural killer cell receptor signaling. Current Opinion in Immunology, 2003, 15, 308-314.	2.4	336
61	Integrin signaling in neutrophils and macrophages uses adaptors containing immunoreceptor tyrosine-based activation motifs. Nature Immunology, 2006, 7, 1326-1333.	7.0	332
62	Reversal of experimental allergic encephalomyelitis with monoclonal antibody to a T-cell subset marker. Science, 1985, 227, 415-417.	6.0	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.	4.2	327
64	On guardâ€"activating NK cell receptors. Nature Immunology, 2001, 2, 23-27.	7.0	324
65	Superantigen-dependent, cell-mediated cytotoxicity inhibited by MHC class I receptors on T lymphocytes. Science, 1995, 268, 403-405.	6.0	306
66	Identification of a common T/natural killer cell progenitor in human fetal thymus.. Journal of Experimental Medicine, 1994, 180, 569-576.	4.2	301
67	Sequential Involvement of Lck and SHP-1 with MHC-Recognizing Receptors on NK Cells Inhibits FcR-Initiated Tyrosine Kinase Activation. Immunity, 1996, 5, 629-638.	6.6	300
68	Enhanced Toll-like receptor responses in the absence of signaling adaptor DAP12. Nature Immunology, 2005, 6, 579-586.	7.0	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.	4.2	290
70	Natural Killer Cell Memory. Immunity, 2015, 43, 634-645.	6.6	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.	4.2	277

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73	NKG2D Blockade Prevents Autoimmune Diabetes in NOD Mice. Immunity, 2004, 20, 757-767.	6.6	272
74	Rapid Evolution of NK Cell Receptor Systems Demonstrated by Comparison of Chimpanzees and Humans. Immunity, 2000, 12, 687-698.	6.6	271
75	TGF-Â downregulates the activating receptor NKG2D on NK cells and CD8+ T cells in glioma patients. Neuro-Oncology, 2010, 12, 7-13.	0.6	267
76	Reprogramming of CTLs into natural killerâ€“like cells in celiac disease. Journal of Experimental Medicine, 2006, 203, 1343-1355.	4.2	265
77	Molecular definition of the identity and activation of natural killer cells. Nature Immunology, 2012, 13, 1000-1009.	7.0	265
78	PILRÎ± Is a Herpes Simplex Virus-1 Entry Coreceptor That Associates with Glycoprotein B. Cell, 2008, 132, 935-944.	13.5	264
79	NK cells in innate immunity. Current Opinion in Immunology, 2005, 17, 29-35.	2.4	261
80	Ontogeny of human natural killer (NK) cells: fetal NK cells mediate cytolytic function and express cytoplasmic CD3 epsilon,delta proteins.. Journal of Experimental Medicine, 1992, 175, 1055-1066.	4.2	260
81	Functional expression of B7/BB1 on activated T lymphocytes.. Journal of Experimental Medicine, 1993, 177, 845-850.	4.2	258
82	The transcriptional landscape of Î±Î² T cell differentiation. Nature Immunology, 2013, 14, 619-632.	7.0	256
83	Monoclonal Antibodies Against Rat Immunoglobulin Kappa Chains. Hybridoma, 1982, 1, 125-131.	0.9	254
84	Cutting Edge: Lectin-Like Transcript-1 Is a Ligand for the Inhibitory Human NKR-P1A Receptor. Journal of Immunology, 2005, 175, 7796-7799.	0.4	254
85	Proinflammatory cytokine signaling required for the generation of natural killer cell memory. Journal of Experimental Medicine, 2012, 209, 947-954.	4.2	253
86	Impairment of NK Cell Function by NKG2D Modulation in NOD Mice. Immunity, 2003, 18, 41-51.	6.6	252
87	DAP10â€•and DAP12â€associated receptors in innate immunity. Immunological Reviews, 2009, 227, 150-160.	2.8	249
88	NKG2D-mediated Natural Killer Cell Protection Against Cytomegalovirus Is Impaired by Viral gp40 Modulation of Retinoic Acid Early Inducible 1 Gene Molecules. Journal of Experimental Medicine, 2003, 197, 1245-1253.	4.2	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. Journal of Immunology, 2000, 165, 2932-2936.	0.4	245
90	Interleukin 2 activation of natural killer cells rapidly induces the expression and phosphorylation of the Leu-23 activation antigen.. Journal of Experimental Medicine, 1988, 167, 1572-1585.	4.2	243

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91	Tissue Determinants of Human NK Cell Development, Function, and Residence. Cell, 2020, 180, 749-763.e13.	13.5	242
92	Structure, Function, and Serology of the T-Cell Antigen Receptor Complex. Annual Review of Immunology, 1987, 5, 503-540.	9.5	240
93	Ligands for natural killer cell receptors: redundancy or specificity. Immunological Reviews, 2001, 181, 158-169.	2.8	240
94	'Unlicensed' natural killer cells dominate the response to cytomegalovirus infection. Nature Immunology, 2010, 11, 321-327.	7.0	239
95	Cross-Talk between Activated Human NK Cells and CD4+ T Cells via OX40-OX40 Ligand Interactions. Journal of Immunology, 2004, 173, 3716-3724.	0.4	238
96	Tetrameric Complexes of Human Histocompatibility Leukocyte Antigen (HLA)-G Bind to Peripheral Blood Myelomonocytic Cells. Journal of Experimental Medicine, 1999, 189, 1149-1156.	4.2	235
97	Functional characterization of DNAM-1 (CD226) interaction with its ligands PVR (CD155) and nectin-2 (PRR-2/CD112). International Immunology, 2004, 16, 533-538.	1.8	235
98	A Signal Peptide Derived from hsp60 Binds HLA-E and Interferes with CD94/NKG2A Recognition. Journal of Experimental Medicine, 2002, 196, 1403-1414.	4.2	233
99	Arousal and inhibition of human NK cells. Immunological Reviews, 1997, 155, 145-154.	2.8	231
100	Lymphokine-activated killer cell activity. Trends in Immunology, 1987, 8, 178-181.	7.5	229
101	DAP12-Deficient Mice Fail to Develop Autoimmunity Due to Impaired Antigen Priming. Immunity, 2000, 13, 345-353.	6.6	221
102	Plasmacytoid dendritic cellâ€“specific receptor ILT7â€“FcÎµRIÎ³ inhibits Toll-like receptorâ€“induced interferon production. Journal of Experimental Medicine, 2006, 203, 1399-1405.	4.2	220
103	Natural Killer Cells: From No Receptors to Too Many. Immunity, 1997, 6, 371-378.	6.6	216
104	Role of ITAM-containing adapter proteins and their receptors in the immune system and bone. Immunological Reviews, 2005, 208, 50-65.	2.8	216
105	Physical and Functional Association of LFA-1 with DNAM-1 Adhesion Molecule. Immunity, 1999, 11, 615-623.	6.6	214
106	Cutting Edge: The Mouse NK Cell-Associated Antigen Recognized by DX5 Moncoclonal Antibody is CD49b (Î±2 Integrin, Very Late Antigen-2). Journal of Immunology, 2001, 167, 1141-1144.	0.4	213
107	Molecular characterization of human CD94: A type II membrane glycoprotein related to the C-type lectin superfamily. European Journal of Immunology, 1995, 25, 2433-2437.	1.6	210
108	Dap10 and Dap12 Form Distinct, but Functionally Cooperative, Receptor Complexes in Natural Killer Cells. Journal of Experimental Medicine, 2000, 192, 1059-1068.	4.2	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.	4.2	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.	4.2	202
112	miR-150 regulates the development of NK and iNKT cells. Journal of Experimental Medicine, 2011, 208, 2717-2731.	4.2	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.	3.3	198
114	Viral modulation of NK cell immunity. Nature Reviews Microbiology, 2005, 3, 59-69.	13.6	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.	0.4	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.	6.6	182
118	Identification of transcriptional regulators in the mouse immune system. Nature Immunology, 2013, 14, 633-643.	7.0	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.	4.2	178
120	Presence of Ti (WT31) negative T lymphocytes in normal blood and thymus. Nature, 1986, 324, 268-270.	13.7	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.	4.2	176
122	NK Cells and Immune â€œMemoryâ€• Journal of Immunology, 2011, 186, 1891-1897.	0.4	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.	4.2	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.	4.2	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.	0.4	170
126	Evidence for NK Cell Subsets Based on Chemokine Receptor Expression. Journal of Immunology, 2006, 177, 7833-7840.	0.4	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.	4.2	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.	4.2	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.	2.0	166
130	NKG2D triggers cytotoxicity in mouse NK cells lacking DAP12 or Syk family kinases. Nature Immunology, 2003, 4, 565-572.	7.0	166
131	A human anti-IL-2 antibody that potentiates regulatory T cells by a structure-based mechanism. Nature Medicine, 2018, 24, 1005-1014.	15.2	165
132	A Resource for the Conditional Ablation of microRNAs in the Mouse. Cell Reports, 2012, 1, 385-391.	2.9	163
133	Identification and sequence of a fourth human T cell antigen receptor chain. Nature, 1987, 330, 569-572.	13.7	161
134	An NK-like CAR TÂcell transition in CAR TÂcell dysfunction. Cell, 2021, 184, 6081-6100.e26.	13.5	160
135	Cloning and characterization of a novel mouse myeloid DAP12-associated receptor family. European Journal of Immunology, 2001, 31, 783-791.	1.6	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.	0.4	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.	4.2	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 Epsteinâ€“Barr Virus. Journal of Immunology, 2014, 192, 4492-4496.	0.4	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.	1.1	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 histocompatibililty complex haplotype.. Journal of Experimental Medicine, 1996, 183, 1817-1827.	4.2	150
142	Function of NKG2D in natural killer cellâ€“mediated rejection of mouse bone marrow grafts. Nature Immunology, 2005, 6, 938-945.	7.0	150
143	BDCA2/FcÎµRIÎ³ Complex Signals through a Novel BCR-Like Pathway in Human Plasmacytoid Dendritic Cells. PLoS Biology, 2007, 5, e248.	2.6	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.	6.6	148

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145	Follow the Leader: NK Cell Receptors for Classical and Nonclassical MHC Class I. Cell, 1998, 92, 705-707.	13.5	147
146	Immune evasion mediated by tumor-derived lactate dehydrogenase induction of NKG2D ligands on myeloid cells in glioblastoma patients. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12823-12828.	3.3	146
147	p150/95, Third member of the LFA-1/CR3 polypeptide family identified by anti-Leu M5 monoclonal antibody. European Journal of Immunology, 1985, 15, 713-718.	1.6	143
148	NKG2D ligands: unconventional MHC class I-like molecules exploited by viruses and cancer. Tissue Antigens, 2003, 61, 335-343.	1.0	140
149	A Role for NKG2D in NK Cellâ€“Mediated Resistance to Poxvirus Disease. PLoS Pathogens, 2008, 4, e30.	2.1	140
150	Natural killer cells activated in a human mixed lymphocyte response culture identified by expression of Leu-11 and class II histocompatibility antigens.. Journal of Experimental Medicine, 1984, 159, 993-1008.	4.2	139
151	NK cells in host responses to viral infections. Current Opinion in Immunology, 2017, 44, 43-51.	2.4	138
152	Epistasis between mouse Klra and major histocompatibility complex class I loci is associated with a new mechanism of natural killer cellâ€“mediated innate resistance to cytomegalovirus infection. Nature Genetics, 2005, 37, 593-599.	9.4	137
153	The Cytomegalovirus m155 Gene Product Subverts Natural Killer Cell Antiviral Protection by Disruption of H60â€“NKG2D Interactions. Journal of Experimental Medicine, 2004, 200, 1075-1081.	4.2	133
154	TREM2, a DAP12-Associated Receptor, Regulates Osteoclast Differentiation and Function. Journal of Bone and Mineral Research, 2005, 21, 237-245.	3.1	132
155	Face off â€" the interplay between activating and inhibitory immune receptors. Current Opinion in Immunology, 2001, 13, 326-331.	2.4	131
156	A distinct innate lymphoid cell population regulates tumor-associated T cells. Nature Medicine, 2017, 23, 368-375.	15.2	131
157	Natural killer cells remember: An evolutionary bridge between innate and adaptive immunity?. European Journal of Immunology, 2009, 39, 2059-2064.	1.6	130
158	Human T-cell-receptor delta chain: genomic organization, diversity, and expression in populations of cells.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 9714-9718.	3.3	129
159	The CD2-subset of the Ig superfamily of cell surface molecules: receptorâ€“ligand pairs expressed by NK cells and other immune cells. Seminars in Immunology, 2000, 12, 149-157.	2.7	129
160	Cutting Edge: KIR3DS1, a Gene Implicated in Resistance to Progression to AIDS, Encodes a DAP12-Associated Receptor Expressed on NK Cells That Triggers NK Cell Activation. Journal of Immunology, 2007, 178, 647-651.	0.4	129
161	A Structural Basis for the Association of DAP12 with Mouse, but Not Human, NKG2D. Journal of Immunology, 2004, 173, 2470-2478.	0.4	128
162	Characterization and expression of the HLA-DC antigens defined by anti-Leu 10. Human Immunology, 1984, 10, 221-235.	1.2	127

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163	Turning on Natural Killer Cells. Journal of Experimental Medicine, 2000, 191, 1259-1262.	4.2	127
164	Activation of natural killer cells via the p75 interleukin 2 receptor.. Journal of Experimental Medicine, 1989, 170, 291-296.	4.2	125
165	Killer Cell Inhibitory Receptor Recognition of Human Leukocyte Antigen (HLA) Class I Blocks Formation of a pp36/PLC-Î³ Signaling Complex in Human Natural Killer (NK) Cells. Journal of Experimental Medicine, 1996, 184, 2243-2250.	4.2	123
166	Homeostatic proliferation generates long-lived natural killer cells that respond against viral infection. Journal of Experimental Medicine, 2011, 208, 357-368.	4.2	122
167	Natural Killer Cells in Cancer Immunotherapy. Annual Review of Cancer Biology, 2019, 3, 77-103.	2.3	122
168	NK cell activation: distinct stimulatory pathways counterbalancing inhibitory signals. Human Immunology, 2000, 61, 18-27.	1.2	121
169	IL-21 Enhances Tumor Rejection through a NKG2D-Dependent Mechanism. Journal of Immunology, 2005, 175, 2167-2173.	0.4	121
170	Ly49P recognition of cytomegalovirus-infected cells expressing H2-Dk and CMV-encoded m04 correlates with the NK cell antiviral response. Journal of Experimental Medicine, 2009, 206, 515-523.	4.2	121
171	Natural killer cells: walking three paths down memory lane. Trends in Immunology, 2013, 34, 251-258.	2.9	120
172	The Repertoire of Killer Cell Ig-Like Receptor and CD94:NKG2A Receptors in T Cells: Clones Sharing Identical Î±Î² TCR Rearrangement Express Highly Diverse Killer Cell Ig-Like Receptor Patterns. Journal of Immunology, 2001, 166, 3923-3932.	0.4	119
173	Inhibition of Immune Responses by ITAM-Bearing Receptors. Science Signaling, 2006, 2006, re1-re1.	1.6	119
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