Jeffrey S Miller

List of Publications by Year
in descending order

331 papers	25,712 citations	6254 80 h-index	8163 148 g-index
339 all docs	339 docs citations	339 times ranked	17934 citing authors

#	Article	IF	Citations
1	Successful adoptive transfer and in vivo expansion of human haploidentical NK cells in patients with cancer. Blood, 2005, 105, 3051-3057.	1.4	1,574
2	Infusion of ex vivo expanded T regulatory cells in adults transplanted with umbilical cord blood: safety profile and detection kinetics. Blood, 2011, 117, 1061-1070.	1.4	926
3	Transplantation of 2 partially HLA-matched umbilical cord blood units to enhance engraftment in adults with hematologic malignancy. Blood, 2005, 105, 1343-1347.	1.4	824
4	Cytomegalovirus Infection Drives Adaptive Epigenetic Diversification of NK Cells with Altered Signaling and Effector Function. Immunity, 2015, 42, 443-456.	14.3	650
5	Exploring the NK cell platform for cancer immunotherapy. Nature Reviews Clinical Oncology, 2021, 18, 85-100.	27.6	605
6	Cytomegalovirus reactivation after allogeneic transplantation promotes a lasting increase in educated NKG2C+ natural killer cells with potent function. Blood, 2012, 119, 2665-2674.	1.4	581
7	Donor selection for natural killer cell receptor genes leads to superior survival after unrelated transplantation for acute myelogenous leukemia. Blood, 2010, 116, 2411-2419.	1.4	541
8	Umbilical cord blood transplantation after nonmyeloablative conditioning: impact on transplantation outcomes in 110 adults with hematologic disease. Blood, 2007, 110, 3064-3070.	1.4	489
9	Donors with group B KIR haplotypes improve relapse-free survival after unrelated hematopoietic cell transplantation for acute myelogenous leukemia. Blood, 2009, 113, 726-732.	1.4	408
10	Rapid and complete donor chimerism in adult recipients of unrelated donor umbilical cord blood transplantation after reduced-intensity conditioning. Blood, 2003, 102, 1915-1919.	1.4	397
11	A phase II study of allogeneic natural killer cell therapy to treat patients with recurrent ovarian and breast cancer. Cytotherapy, 2011, 13, 98-107.	0.7	374
12	Clearance of acute myeloid leukemia by haploidentical natural killer cells is improved using IL-2 diphtheria toxin fusion protein. Blood, 2014, 123, 3855-3863.	1.4	357
13	Evaluation of KIR ligand incompatibility in mismatched unrelated donor hematopoietic transplants. Blood, 2002, 100, 3825-3827.	1.4	356
14	Umbilical cord bloodâ€“derived T regulatory cells to prevent GVHD: kinetics, toxicity profile, and clinical effect. Blood, 2016, 127, 1044-1051.	1.4	333
15	Human Cytomegalovirus (CMV)-Induced Memory-like NKG2C+ NK Cells Are Transplantable and Expand In Vivo in Response to Recipient CMV Antigen. Journal of Immunology, 2012, 189, 5082-5088.	0.8	331
16	Massive ex Vivo Expansion of Human Natural Regulatory T Cells (T _{regs}) with Minimal Loss of in Vivo Functional Activity. Science Translational Medicine, 2011, 3, 83ra41.	12.4	326
17	Tim-3 is an inducible human natural killer cell receptor that enhances interferon gamma production in response to galectin-9. Blood, 2012, 119, 3064-3072.	1.4	318
18	ALT-803, an IL-15 superagonist, in combination with nivolumab in patients with metastatic non-small cell lung cancer: a non-randomised, open-label, phase 1b trial. Lancet Oncology, The, 2018, 19, 694-704.	10.7	310

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19	First-in-human phase 1 clinical study of the IL-15 superagonist complex ALT-803 to treat relapse after transplantation. Blood, 2018, 131, 2515-2527.	1.4	307
20	IL15 Trispecific Killer Engagers (TriKE) Make Natural Killer Cells Specific to CD33+ Targets While Also Inducing Persistence, In Vivo Expansion, and Enhanced Function. Clinical Cancer Research, 2016, 22, 3440-3450.	7.0	291
21	Relapse risk after umbilical cord blood transplantation: enhanced graft-versus-leukemia effect in recipients of 2 units. Blood, 2009, 114, 4293-4299.	1.4	276
22	Missing KIR ligands are associated with less relapse and increased graft-versus-host disease (GVHD) following unrelated donor allogeneic HCT. Blood, 2007, 109, 5058-5061.	1.4	270
23	The Effect of KIR Ligand Incompatibility on the Outcome of Unrelated Donor Transplantation: A Report from the Center for International Blood and Marrow Transplant Research, the European Blood and Marrow Transplant Registry, and the Dutch Registry. Biology of Blood and Marrow Transplantation, 2006, 12, 876-884.	2.0	241
24	Different Patterns of Evolution in the Centromeric and Telomeric Regions of Group A and B Haplotypes of the Human Killer Cell Ig-Like Receptor Locus. PLoS ONE, 2010, 5, e15115.	2.5	235
25	CD16xCD33 bispecific killer cell engager (BiKE) activates NK cells against primary MDS and MDSC CD33+ targets. Blood, 2014, 123, 3016-3026.	1.4	220
26	Human natural killer cells with polyclonal lectin and immunoglobulinlike receptors develop from single hematopoietic stem cells with preferential expression of NKG2A and KIR2DL2/L3/S2. Blood, 2001, 98, 705-713.	1.4	212
27	KIR reconstitution is altered by T cells in the graft and correlates with clinical outcomes after unrelated donor transplantation. Blood, 2005, 106, 4370-4376.	1.4	208
28	Targeting Natural Killer Cells to Acute Myeloid LeukemiaIn Vitrowith a CD16 Ã— 33 Bispecific Killer Cell Engager and ADAM17 Inhibition. Clinical Cancer Research, 2013, 19, 3844-3855.	7.0	208
29	A subpopulation of human peripheral blood NK cells that lacks inhibitory receptors for self-MHC is developmentally immature. Blood, 2007, 110, 578-586.	1.4	202
30	Bispecific and Trispecific Killer Cell Engagers Directly Activate Human NK Cells through CD16 Signaling and Induce Cytotoxicity and Cytokine Production. Molecular Cancer Therapeutics, 2012, 11, 2674-2684.	4.1	202
31	Human Embryonic Stem Cell-Derived NK Cells Acquire Functional Receptors and Cytolytic Activity. Journal of Immunology, 2005, 175, 5095-5103.	0.8	198
32	Natural killer cell cytotoxicity of breast cancer targets is enhanced by two distinct mechanisms of antibody-dependent cellular cytotoxicity against LFA-3 and HER2/neu. Experimental Hematology, 1999, 27, 1533-1541.	0.4	183
33	Single Adult Human CD34+/Linâ¯/CD38â¯ Progenitors Give Rise to Natural Killer Cells, B-Lineage Cells, Dendritic Cells, and Myeloid Cells. Blood, 1999, 93, 96-106.	1.4	172
34	Long-Term Results of Autologous Stem Cell Transplantation for Primary Refractory or Relapsed Hodgkinâ€™s Lymphoma. Biology of Blood and Marrow Transplantation, 2006, 12, 1065-1072.	2.0	171
35	HLA Class I Subtype-Dependent Expansion of KIR3DS1 ⁺ and KIR3DL1 ⁺ NK Cells during Acute Human Immunodeficiency Virus Type 1 Infection. Journal of Virology, 2009, 83, 6798-6805.	3.4	170
36	Evaluation of TCR Gene Editing Achieved by TALENs, CRISPR/Cas9, and megaTAL Nucleases. Molecular Therapy, 2016, 24, 570-581.	8.2	168

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37	Allogeneic natural killer cells for refractory lymphoma. Cancer Immunology, Immunotherapy, 2010, 59, 1739-1744.	4.2	166
38	Pluripotent stem cellâ€“derived NK cells with high-affinity noncleavable CD16a mediate improved antitumor activity. Blood, 2020, 135, 399-410.	1.4	166
39	Continuous treatment with IL-15 exhausts human NK cells via a metabolic defect. JCI Insight, 2018, 3, .	5.0	165
40	First-in-human trial of rhIL-15 and haploidentical natural killer cell therapy for advanced acute myeloid leukemia. Blood Advances, 2019, 3, 1970-1980.	5.2	164
41	Regulatory T cells in acute myelogenous leukemia: is it time for immunomodulation?. Blood, 2011, 118, 5084-5095.	1.4	163
42	Cutting Edge: MicroRNA-181 Promotes Human NK Cell Development by Regulating Notch Signaling. Journal of Immunology, 2011, 187, 6171-6175.	0.8	159
43	Clinical utility of natural killer cells in cancer therapy and transplantation. Seminars in Immunology, 2014, 26, 161-172.	5.6	154
44	A First-in-Human Phase I Study of Subcutaneous Outpatient Recombinant Human IL15 (rhIL15) in Adults with Advanced Solid Tumors. Clinical Cancer Research, 2018, 24, 1525-1535.	7.0	153
45	Phase I Trial of ALT-803, A Novel Recombinant IL15 Complex, in Patients with Advanced Solid Tumors. Clinical Cancer Research, 2018, 24, 5552-5561.	7.0	150
46	Negative effect of KIR alloreactivity in recipients of umbilical cord blood transplant depends on transplantation conditioning intensity. Blood, 2009, 113, 5628-5634.	1.4	147
47	Distinct indirect pathways govern human NK-cell activation by TLR-7 and TLR-8 agonists. International Immunology, 2006, 18, 1115-1126.	4.0	146
48	Adaptive NK Cells with Low TIGIT Expression Are Inherently Resistant to Myeloid-Derived Suppressor Cells. Cancer Research, 2016, 76, 5696-5706.	0.9	146
49	First in Human Phase I Trial of 852A, a Novel Systemic Toll-like Receptor 7 Agonist, to Activate Innate Immune Responses in Patients with Advanced Cancer. Clinical Cancer Research, 2007, 13, 7119-7125.	7.0	144
50	Donor Killer Cell Ig-like Receptor B Haplotypes, Recipient HLA-C1, and HLA-C Mismatch Enhance the Clinical Benefit of Unrelated Transplantation for Acute Myelogenous Leukemia. Journal of Immunology, 2014, 192, 4592-4600.	0.8	139
51	Coordinated acquisition of inhibitory and activating receptors and functional properties by developing human natural killer cells. Blood, 2006, 108, 3824-3833.	1.4	138
52	Complete Remission with Reduction of High-Risk Clones following Haploidentical NK-Cell Therapy against MDS and AML. Clinical Cancer Research, 2018, 24, 1834-1844.	7.0	136
53	Umbilical cord blood regulatory T-cell expansion and functional effects of tumor necrosis factor receptor family members OX40 and 4-1BB expressed on artificial antigen-presenting cells. Blood, 2008, 112, 2847-2857.	1.4	134
54	Use of allogeneic NK cells for cancer immunotherapy. Immunotherapy, 2011, 3, 1445-1459.	2.0	134

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55	iPSC-derived NK cells maintain high cytotoxicity and enhance in vivo tumor control in concert with T cells and antiâ€“PD-1 therapy. Science Translational Medicine, 2020, 12, .	12.4	133
56	The unexpected effect of cyclosporin A on CD56+CD16â^' and CD56+CD16+ natural killer cell subpopulations. Blood, 2007, 110, 1530-1539.	1.4	131
57	Chronic stimulation drives human NK cell dysfunction and epigenetic reprograming. Journal of Clinical Investigation, 2019, 129, 3770-3785.	8.2	125
58	Generation of BiKEs and TriKEs to Improve NK Cell-Mediated Targeting of Tumor Cells. Methods in Molecular Biology, 2016, 1441, 333-346.	0.9	124
59	Natural Killer Cells in Cancer Immunotherapy. Annual Review of Cancer Biology, 2019, 3, 77-103.	4.5	122
60	A Genetically Engineered Primary Human Natural Killer Cell Platform for Cancer Immunotherapy. Molecular Therapy, 2020, 28, 52-63.	8.2	120
61	Reduced-Intensity Allogeneic Transplant in Patients Older Than 55 Years: Unrelated Umbilical Cord Blood Is Safe and Effective for Patients without a Matched Related Donor. Biology of Blood and Marrow Transplantation, 2008, 14, 282-289.	2.0	119
62	The biology of natural killer cells in cancer, infection, and pregnancy. Experimental Hematology, 2001, 29, 1157-1168.	0.4	117
63	NK cell education after allogeneic transplantation: dissociation between recovery of cytokine-producing and cytotoxic functions. Blood, 2011, 118, 2784-2792.	1.4	117
64	GSK3 Inhibition Drives Maturation of NK Cells and Enhances Their Antitumor Activity. Cancer Research, 2017, 77, 5664-5675.	0.9	114
65	Strategies to activate NK cells to prevent relapse and induce remission following hematopoietic stem cell transplantation. Blood, 2018, 131, 1053-1062.	1.4	111
66	Natural killer cells unleashed: Checkpoint receptor blockade and BiKE/TriKE utilization in NK-mediated anti-tumor immunotherapy. Seminars in Immunology, 2017, 31, 64-75.	5.6	110
67	Thoracoscopic Versus Thoracotomy Approaches to Lobectomy: Differential Impairment of Cellular Immunity. Annals of Thoracic Surgery, 2008, 86, 1735-1744.	1.3	109
68	Human NK Cell Development: One Road or Many?. Frontiers in Immunology, 2019, 10, 2078.	4.8	108
69	NCI First International Workshop on The Biology, Prevention, and Treatment of Relapse After Allogeneic Hematopoietic Stem Cell Transplantation: Report from the Committee on the Biology Underlying Recurrence of Malignant Disease following Allogeneic HSCT: Graft-versus-Tumor/Leukemia Reaction. Biology of Blood and Marrow Transplantation, 2010, 16, 565-586.	2.0	107
70	Natural killerâ€“cell differentiation by myeloid progenitors. Blood, 2011, 117, 3548-3558.	1.4	107
71	Good manufacturing practices production of natural killer cells for immunotherapy: a six-year single-institution experience. Transfusion, 2007, 47, 520-528.	1.6	104
72	GVHD-associated, inflammasome-mediated loss of function in adoptively transferred myeloid-derived suppressor cells. Blood, 2015, 126, 1621-1628.	1.4	104

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73	Natural Killer Cell Adoptive Transfer Therapy. Cancer Journal (Sudbury, Mass), 2015, 21, 486-491.	2.0	99
74	NK Cells in Therapy of Cancer. Critical Reviews in Oncogenesis, 2014, 19, 133-141.	0.4	98
75	ARID5B regulates metabolic programming in human adaptive NK cells. Journal of Experimental Medicine, 2018, 215, 2379-2395.	8.5	98
76	Adoptive Transfer of Umbilical Cord Blood-Derived Regulatory T Cells and Early Viral Reactivation. Biology of Blood and Marrow Transplantation, 2013, 19, 1271-1273.	2.0	93
77	Myeloablative Hematopoietic Cell Transplantation for Acute Lymphoblastic Leukemia: Analysis of Graft Sources and Long-Term Outcome. Journal of Clinical Oncology, 2009, 27, 3634-3641.	1.6	92
78	Natural Killer (NK) Cells Are Functionally Abnormal and NK Cell Progenitors Are Diminished in Granulocyte Colony-Stimulating Factorâ€“Mobilized Peripheral Blood Progenitor Cell Collections. Blood, 1997, 90, 3098-3105.	1.4	91
79	Glycolytic requirement for NK cell cytotoxicity and cytomegalovirus control. JCI Insight, 2017, 2, .	5.0	90
80	Natural Killer Cell Killing of Acute Myelogenous Leukemia and Acute Lymphoblastic Leukemia Blasts by Killer Cell Immunoglobulin-Like Receptorâ€“Negative Natural Killer Cells after NKG2A and LIR-1 Blockade. Biology of Blood and Marrow Transplantation, 2010, 16, 612-621.	2.0	87
81	The phenotypic and functional characteristics of umbilical cord blood and peripheral blood natural killer cells. British Journal of Haematology, 2009, 147, 185-191.	2.5	85
82	161533 TriKE stimulates NK-cell function to overcome myeloid-derived suppressor cells in MDS. Blood Advances, 2018, 2, 1459-1469.	5.2	85
83	Impact of Cytomegalovirus (CMV) Reactivation after Umbilical Cord Blood Transplantation. Biology of Blood and Marrow Transplantation, 2010, 16, 215-222.	2.0	84
84	The biology of <scp>NK</scp> cells and their receptors affects clinical outcomes after hematopoietic cell transplantation (<scp>HCT</scp>). Immunological Reviews, 2014, 258, 45-63.	6.0	83
85	Lymphodepletion followed by donor lymphocyte infusion (DLI) causes significantly more acute graft-versus-host disease than DLI alone. Blood, 2007, 110, 2761-2763.	1.4	82
86	A therapeutic trial of decitabine and vorinostat in combination with chemotherapy for relapsed/refractory acute lymphoblastic leukemia. American Journal of Hematology, 2014, 89, 889-895.	4.1	82
87	Heterodimeric Bispecific Single-Chain Variable-Fragment Antibodies Against EpCAM and CD16 Induce Effective Antibody-Dependent Cellular Cytotoxicity Against Human Carcinoma Cells. Cancer Biotherapy and Radiopharmaceuticals, 2013, 28, 274-282.	1.0	81
88	Harnessing features of adaptive NK cells to generate iPSC-derived NK cells for enhanced immunotherapy. Cell Stem Cell, 2021, 28, 2062-2075.e5.	11.1	80
89	Blocking IL-21 signaling ameliorates xenogeneic GVHD induced by human lymphocytes. Blood, 2012, 119, 619-628.	1.4	79
90	Cytokine-induced memory-like natural killer cells have enhanced function, proliferation, and in vivo expansion against ovarian cancer cells. Gynecologic Oncology, 2019, 153, 149-157.	1.4	79

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91	Therapeutic applications: natural killer cells in the clinic. Hematology American Society of Hematology Education Program, 2013, 2013, 247-253.	2.5	77
92	Delayed immune reconstitution after allogeneic transplantation increases the risks of mortality and chronic GVHD. Blood Advances, 2018, 2, 909-922.	5.2	76
93	Natural killer cells: a review of manufacturing and clinical utility. Transfusion, 2013, 53, 404-410.	1.6	75
94	Adaptive NK Cells Resist Regulatory T-cell Suppression Driven by IL37. Cancer Immunology Research, 2018, 6, 766-775.	3.4	75
95	Haploidentical natural killer cells induce remissions in non-Hodgkin lymphoma patients with low levels of immune-suppressor cells. Cancer Immunology, Immunotherapy, 2018, 67, 483-494.	4.2	74
96	Epigenetic regulation of NK cell differentiation and effector functions. Frontiers in Immunology, 2013, 4, 55.	4.8	71
97	Expansion and Homing of Adoptively Transferred Human Natural Killer Cells in Immunodeficient Mice Varies with Product Preparation and InÂVivo Cytokine Administration: Implications for Clinical Therapy. Biology of Blood and Marrow Transplantation, 2014, 20, 1252-1257.	2.0	71
98	Anti-HLA Antibodies in Double Umbilical Cord Blood Transplantation. Biology of Blood and Marrow Transplantation, 2011, 17, 1704-1708.	2.0	70
99	Engineering of Anti-CD133 Trispecific Molecule Capable of Inducing NK Expansion and Driving Antibody-Dependent Cell-Mediated Cytotoxicity. Cancer Research and Treatment, 2017, 49, 1140-1152.	3.0	68
100	iTRAQ Is a Useful Method To Screen for Membrane-Bound Proteins Differentially Expressed in Human Natural Killer Cell Types. Journal of Proteome Research, 2007, 6, 644-653.	3.7	67
101	Viraemia, immunogenicity, and survival outcomes of cytomegalovirus chimeric epitope vaccine supplemented with PF03512676 (CMVPepVax) in allogeneic haemopoietic stem-cell transplantation: randomised phase 1b trial. Lancet Haematology,the, 2016, 3, e87-e98.	4.6	67
102	Epigenetic Control of Highly Homologous Killer Ig-Like Receptor Gene Alleles. Journal of Immunology, 2005, 175, 5966-5974.	0.8	66
103	Equivalent outcomes in patients with chronic myelogenous leukemia after early transplantation of phenotypically matched bone marrow from related or unrelated donors. American Journal of Medicine, 2001, 110, 339-346.	1.5	65
104	Transcriptome analysis of GVHD reveals aurora kinase A as a targetable pathway for disease prevention. Science Translational Medicine, 2015, 7, 315ra191.	12.4	64
105	Novel CD19-targeted TriKE restores NK cell function and proliferative capacity in CLL. Blood Advances, 2019, 3, 897-907.	5.2	64
106	Interleukin-15 Complex Treatment Protects Mice from Cerebral Malaria by Inducing Interleukin-10-Producing Natural Killer Cells. Immunity, 2018, 48, 760-772.e4.	14.3	62
107	Toll-like receptor-7 agonist administered subcutaneously in a prolonged dosing schedule in heavily pretreated recurrent breast, ovarian, and cervix cancers. Cancer Immunology, Immunotherapy, 2010, 59, 1877-1884.	4.2	61
108	Biology of Natural Killer Cells in Cancer and Infection. Cancer Investigation, 2002, 20, 405-419.	1.3	60

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109	Reduced intensity compared with high dose conditioning for allotransplantation in acute myeloid leukemia and myelodysplastic syndrome: A comparative clinical analysis. American Journal of Hematology, 2007, 82, 867-872.	4.1	60
110	Phase I Study of a Bispecific Ligand-Directed Toxin Targeting CD22 and CD19 (DT2219) for Refractory B-cell Malignancies. Clinical Cancer Research, 2015, 21, 1267-1272.	7.0	60
111	Chronic Graft-Versus-Host Disease (cGVHD) following Unrelated Donor Hematopoietic Stem Cell Transplantation (HSCT): Higher Response Rate In Recipients of Unrelated Donor (URD) Umbilical Cord Blood (UCB). Biology of Blood and Marrow Transplantation, 2007, 13, 1145-1152.	2.0	59
112	Cutting Edge: KIR Antisense Transcripts Are Processed into a 28-Base PIWI-Like RNA in Human NK Cells. Journal of Immunology, 2010, 185, 2009-2012.	0.8	59
113	Combined OX40L and mTOR blockade controls effector T cell activation while preserving T _{reg} reconstitution after transplant. Science Translational Medicine, 2017, 9, .	12.4	59
114	Adaptive NK cell reconstitution is associated with better clinical outcomes. JCI Insight, 2019, 4, .	5.0	59
115	NK Cellsâ€"From Bench to Clinic. Biology of Blood and Marrow Transplantation, 2012, 18, S2-S7.	2.0	58
116	A Randomized Trial of One versus Two Doses of Influenza Vaccine after Allogeneic Transplantation. Biology of Blood and Marrow Transplantation, 2013, 19, 109-116.	2.0	57
117	A trispecific killer engager molecule against CLEC12A effectively induces NK-cell mediated killing of AML cells. Leukemia, 2021, 35, 1586-1596.	7.2	57
118	Similar and Promising Outcomes in Lymphoma Patients Treated with Myeloablative or Nonmyeloablative Conditioning and Allogeneic Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2008, 14, 538-545.	2.0	56
119	Early Lymphocyte Recovery and Outcomes after Umbilical Cord Blood Transplantation (UCBT) for Hematologic Malignancies. Biology of Blood and Marrow Transplantation, 2011, 17, 831-840.	2.0	56
120	Diversification and Functional Specialization of Human NK Cell Subsets. Current Topics in Microbiology and Immunology, 2015, 395, 63-93.	1.1	56
121	Early Reconstitution of NK and Î³Î´ T Cells and Its Implication for the Design of Post-Transplant Immunotherapy. Biology of Blood and Marrow Transplantation, 2018, 24, 1152-1162.	2.0	56
122	Intraperitoneal delivery of human natural killer cells for treatment of ovarian cancer in a mouse xenograft model. Cytotherapy, 2013, 15, 1297-1306.	0.7	54
123	NK-Cell-Mediated Targeting of Various Solid Tumors Using a B7-H3 Tri-Specific Killer Engager In Vitro and In Vivo. Cancers, 2020, 12, 2659.	3.7	54
124	ALT-803 Transiently Reduces Simian Immunodeficiency Virus Replication in the Absence of Antiretroviral Treatment. Journal of Virology, 2018, 92, .	3.4	52
125	Single Adult Human CD34+/Linâ^'/CD38â^' Progenitors Give Rise to Natural Killer Cells, B-Lineage Cells, Dendritic Cells, and Myeloid Cells. Blood, 1999, 93, 96-106.	1.4	52
126	Tetraspecific scFv construct provides NK cell mediated ADCC and self-sustaining stimuli via insertion of IL-15 as a cross-linker. Oncotarget, 2016, 7, 73830-73844.	1.8	52

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127	Safety and virologic impact of the IL-15 superagonist N-803 in people living with HIV: a phase 1 trial. Nature Medicine, 2022, 28, 392-400.	30.7	52
128	Lineage relationships of human interleukin-22â€“producing CD56+ RORÎ³t+ innate lymphoid cells and conventional natural killer cells. Blood, 2013, 121, 2234-2243.	1.4	51
129	Notch Signaling at Later Stages of NK Cell Development Enhances KIR Expression and Functional Maturation. Journal of Immunology, 2014, 193, 3344-3354.	0.8	51
130	Prolonged subcutaneous administration of 852A, a novel systemic tollâ€like receptor 7 agonist, to activate innate immune responses in patients with advanced hematologic malignancies. American Journal of Hematology, 2012, 87, 953-956.	4.1	50
131	Adaptive Natural Killer Cell and Killer Cell Immunoglobulinâ€“Like Receptorâ€“Expressing T Cell Responses are Induced by Cytomegalovirus and Are Associated with Protection against Cytomegalovirus Reactivation after Allogeneic Donor Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2015, 21, 1653-1662.	2.0	50
132	A Phase 1 Trial of CNDO-109â€“Activated Natural Killer Cells in Patients with High-Risk Acute Myeloid Leukemia. Biology of Blood and Marrow Transplantation, 2018, 24, 1581-1589.	2.0	50
133	Danger-associated extracellular ATP counters MDSC therapeutic efficacy in acute GVHD. Blood, 2019, 134, 1670-1682.	1.4	49
134	Randomized comparison of granulocyte colony-stimulating factor versus granulocyte-macrophage colony-stimulating factor plus intensive chemotherapy for peripheral blood stem cell mobilization and autologous transplantation in multiple myeloma. Biology of Blood and Marrow Transplantation, 2004, 10, 395-404.	2.0	48
135	Near complete response to Pembrolizumab in microsatellite-stable metastatic sebaceous carcinoma. , 2018, 6, 58.		48
136	Ex Vivo Culture of CD34+/Linâ^'/DRâ^' Cells in Stroma-Derived Soluble Factors, Interleukin-3, and Macrophage Inflammatory Protein-1Î± Maintains Not Only Myeloid But Also Lymphoid Progenitors in a Novel Switch Culture Assay. Blood, 1998, 91, 4516-4522.	1.4	47
137	FT596: Translation of First-of-Kind Multi-Antigen Targeted Off-the-Shelf CAR-NK Cell with Engineered Persistence for the Treatment of B Cell Malignancies. Blood, 2019, 134, 301-301.	1.4	47
138	The transcription factor c-Myc enhances KIR gene transcription through direct binding to an upstream distal promoter element. Blood, 2009, 113, 3245-3253.	1.4	46
139	Systems analysis uncovers inflammatory Th/Tc17-driven modules during acute GVHD in monkey and human T cells. Blood, 2016, 128, 2568-2579.	1.4	46
140	Impact of Allele-Level HLA Mismatch on Outcomes in Recipients of Double Umbilical Cord Blood Transplantation. Biology of Blood and Marrow Transplantation, 2016, 22, 487-492.	2.0	44
141	Peritoneal NK cells are responsive to IL-15 and percentages are correlated with outcome in advanced ovarian cancer patients. Oncotarget, 2018, 9, 34810-34820.	1.8	44
142	Successful Remission Rates and Survival after Lymphodepleting Chemotherapy and Donor Lymphocyte Infusion for Relapsed Hematologic Malignancies Postallogeneic Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2012, 18, 480-486.	2.0	43
143	KIR B donors improve the outcome for AML patients given reduced intensity conditioning and unrelated donor transplantation. Blood Advances, 2020, 4, 740-754.	5.2	42
144	Donor KIR B Genotype Improves Progression-Free Survival of Non-Hodgkin Lymphoma Patients Receiving Unrelated Donor Transplantation. Biology of Blood and Marrow Transplantation, 2016, 22, 1602-1607.	2.0	41

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145	Optimization of cGMP purification and expansion of umbilical cord bloodâ€“derived T-regulatory cells in support of first-in-human clinical trials. Cytotherapy, 2017, 19, 250-262.	0.7	41
146	Systemic IL-15 promotes allogeneic cell rejection in patients treated with natural killer cell adoptive therapy. Blood, 2022, 139, 1177-1183.	1.4	41
147	Mouse fetal and embryonic liver cells differentiate human umbilical cord blood progenitors into CD56-negative natural killer cell precursors in the absence of interleukin-15. Experimental Hematology, 2008, 36, 598-608.	0.4	40
148	National Cancer Instituteâ€™s First International Workshop on the Biology, Prevention, and Treatment of Relapse after Allogeneic Hematopoietic Stem Cell Transplantation: Summary and Recommendations from the Organizing Committee. Biology of Blood and Marrow Transplantation, 2011, 17, 443-454.	2.0	39
149	Natural Killer Cell-Based Immunotherapy in Gynecologic Malignancy: A Review. Frontiers in Immunology, 2017, 8, 1825.	4.8	39
150	Potent Cytolytic Activity and Specific IL15 Delivery in a Second-Generation Trispecific Killer Engager. Cancer Immunology Research, 2020, 8, 1139-1149.	3.4	39
151	First-in-human phase 1 trial of induced regulatory T cells for graft-versus-host disease prophylaxis in HLA-matched siblings. Blood Advances, 2021, 5, 1425-1436.	5.2	39
152	FLT3 ligand administration after hematopoietic cell transplantation increases circulating dendritic cell precursors that can be activated by CpG oligodeoxynucleotides to enhance T-cell and natural killer cell function. Biology of Blood and Marrow Transplantation, 2005, 11, 23-34.	2.0	38
153	Human group3 innate lymphoid cells express DR3 and respond to TL1A with enhanced ILâ€22 production and ILâ€2â€dependent proliferation. European Journal of Immunology, 2015, 45, 2335-2342.	2.9	38
154	Recent progress in and challenges in cellular therapy using NK cells for hematological malignancies. Blood Reviews, 2020, 44, 100678.	5.7	38
155	In Vitro Development of Human Killerâ€“Immunoglobulin Receptor-Positive NK Cells. Methods in Molecular Biology, 2010, 612, 15-26.	0.9	38
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