Jeffrey S Miller

List of Publications by Year in Descending Order

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

325	19,348	72	131
papers	citations	h-index	g-index
338	23,152 ext. citations	5	6.84
ext. papers		avg, IF	L-index

#	Paper	IF	Citations
325	Challenges to the broad application of allogeneic natural killer cell immunotherapy of cancer Stem Cell Research and Therapy, 2022 , 13, 165	8.3	O
324	Systemic IL-15 promotes allogeneic cell rejection in patients treated with natural killer cell adoptive therapy. <i>Blood</i> , 2021 ,	2.2	2
323	Chondroitin sulfate proteoglycan 4, a targetable oncoantigen that promotes ovarian cancer growth, invasion, cisplatin resistance and spheroid formation <i>Translational Oncology</i> , 2021 , 16, 101318	₃ 4.9	1
322	Novel Cell and Immune Engagers in Optimizing Tumor- Specific Immunity Post-Autologous Transplantation in Multiple Myeloma. <i>Transplantation and Cellular Therapy</i> , 2021 , 28, 61-61		
321	First-in-human phase 1 trial of induced regulatory T cells for graft-versus-host disease prophylaxis in HLA-matched siblings. <i>Blood Advances</i> , 2021 , 5, 1425-1436	7.8	9
320	Multiply restimulated human thymic regulatory T cells express distinct signature regulatory T-cell transcription factors without evidence of exhaustion. <i>Cytotherapy</i> , 2021 , 23, 704-714	4.8	O
319	Early Adaptive Natural Killer Cell Expansion Is Associated with Decreased Relapse After Autologous Transplantation for Multiple Myeloma. <i>Transplantation and Cellular Therapy</i> , 2021 , 27, 310.e1-310.e6		3
318	Following Transplantation for Acute Myelogenous Leukemia, Donor Better Protects against Relapse than. <i>Journal of Immunology</i> , 2021 ,	5.3	3
317	Anti-NKG2C/IL-15/anti-CD33 killer engager directs primary and iPSC-derived NKG2C NK cells to target myeloid leukemia. <i>Molecular Therapy</i> , 2021 , 29, 3410-3421	11.7	3
316	Infusion reactions in natural killer cell immunotherapy: a retrospective review. <i>Cytotherapy</i> , 2021 , 23, 627-634	4.8	1
315	Activation of ADAM17 by IL-15 Limits Human NK Cell Proliferation. <i>Frontiers in Immunology</i> , 2021 , 12, 711621	8.4	4
314	A trispecific killer engager molecule against CLEC12A effectively induces NK-cell mediated killing of AML cells. <i>Leukemia</i> , 2021 , 35, 1586-1596	10.7	17
313	Exploring the NK cell platform for cancer immunotherapy. <i>Nature Reviews Clinical Oncology</i> , 2021 , 18, 85-100	19.4	161
312	Low-density PD-1 expression on resting human natural killer cells is functional and upregulated after transplantation. <i>Blood Advances</i> , 2021 , 5, 1069-1080	7.8	7
311	Bi-specific and Tri-specific NK Cell Engagers: The New Avenue of Targeted NK Cell Immunotherapy. <i>Molecular Diagnosis and Therapy</i> , 2021 , 25, 577-592	4.5	3
310	Cellular Immunotherapy-Highlights from TCT 2021. Transplantation and Cellular Therapy, 2021, 27, 527-	532	
309	A HER2 Tri-Specific NK Cell Engager Mediates Efficient Targeting of Human Ovarian Cancer. <i>Cancers</i> , 2021 , 13,	6.6	5

(2020-2021)

308	CD16xCD33 Bispecific Killer Cell Engager (BiKE) as potential immunotherapeutic in pediatric patients with AML and biphenotypic ALL. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 3701-3708	7.4	6
307	Putting On the Gas and Taking Off the Brakes: A Novel Combinatorial Strategy to Enhance Tumor-Infiltrating Lymphocytes. <i>Cancer Immunology Research</i> , 2021 , 9, 1110	12.5	
306	Activation status dictates the function of unlicensed natural killer cells in mice and humans. <i>Blood Advances</i> , 2021 , 5, 4219-4232	7.8	1
305	Harnessing features of adaptive NK cells to generate iPSC-derived NK cells for enhanced immunotherapy. <i>Cell Stem Cell</i> , 2021 , 28, 2062-2075.e5	18	10
304	Quantitative serum PCR argues against long-term persistence of HHV-6 viremia after umbilical cord blood transplantation. <i>Transplant Infectious Disease</i> , 2021 , 23, e13555	2.7	
303	iPSC-derived NK cells maintain high cytotoxicity and enhance in vivo tumor control in concert with T cells and anti-PD-1 therapy. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	46
302	Recent progress in and challenges in cellular therapy using NK cells for hematological malignancies. <i>Blood Reviews</i> , 2020 , 44, 100678	11.1	22
301	Presence of donor-encoded centromeric KIR B content increases the risk of infectious mortality in recipients of myeloablative, T-cell deplete, HLA-matched HCT to treat AML. <i>Bone Marrow Transplantation</i> , 2020 , 55, 1975-1984	4.4	5
300	Triple Gene-Modified iPSC-Derived NK Cells Combined with Daratumumab for Targeted Immunotherapy Against AML. <i>Blood</i> , 2020 , 136, 57-58	2.2	
299	A Phase I Study of FT538, a First-of-Kind, Off-the-Shelf, Multiplexed Engineered, iPSC-Derived NK Cell Therapy As Monotherapy in Relapsed/Refractory Acute Myelogenous Leukemia and in Combination with Daratumumab or Elotuzumab in Relapsed/Refractory Multiple Myeloma. <i>Blood</i> ,	2.2	2
298	CAR19 iPSC-Derived NK Cells Utilize the Innate Functional Potential Mediated through NKG2A-Driven Education and Override the HLA-E Check Point to Effectively Target B Cell Lymphoma. <i>Blood</i> , 2020 , 136, 34-35	2.2	0
297	Engineered iPSC-Derived NK Cells Expressing Recombinant CD64 for Enhanced ADCC. <i>Blood</i> , 2020 , 136, 10-11	2.2	1
296	Mesenchymal stromal cells shape the MDS microenvironment by inducing suppressive monocytes that dampen NK cell function. <i>JCI Insight</i> , 2020 , 5,	9.9	13
295	Human CD83-targeted chimeric antigen receptor T cells prevent and treat graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4652-4662	15.9	10
294	GTB-3550 TriKEIfor the Treatment of High-Risk Myelodysplastic Syndromes (MDS) and Refractory/Relapsed Acute Myeloid Leukemia (AML) Safely Drives Natural Killer (NK) Cell Proliferation At Initial Dose Cohorts. <i>Blood</i> , 2020 , 136, 7-8	2.2	9
293	Initial Clinical Activity of FT596, a First-in-Class, Multi-Antigen Targeted, Off-the-Shelf, iPSC-Derived CD19 CAR NK Cell Therapy in Relapsed/Refractory B-Cell Lymphoma. <i>Blood</i> , 2020 , 136, 8-8	2.2	10
292	Results of a Phase 1 Trial of Gda-201, Nicotinamide-Expanded Allogeneic Natural Killer (NK) Cells in Patients with Refractory Non-Hodgkin Lymphoma (NHL) and Multiple Myeloma. <i>Blood</i> , 2020 , 136, 6-6	2.2	1
291	FT576: Multi-Specific Off-the-Shelf CAR-NK Cell Therapy Engineered for Enhanced Persistence, Avoidance of Self-Fratricide and Optimized Mab Combination Therapy to Prevent Antigenic Escape and Elicit a Deep and Durable Response in Multiple Myeloma. <i>Blood</i> , 2020 , 136, 4-5	2.2	9

290	A Genetically Engineered Primary Human Natural Killer Cell Platform for Cancer Immunotherapy. <i>Molecular Therapy</i> , 2020 , 28, 52-63	11.7	58
289	The Society for Immunotherapy of Cancer (SITC) clinical practice guideline on immunotherapy for the treatment of acute leukemia 2020 , 8,		2
288	Potent Cytolytic Activity and Specific IL15 Delivery in a Second-Generation Trispecific Killer Engager. <i>Cancer Immunology Research</i> , 2020 , 8, 1139-1149	12.5	13
287	Therapeutic effect of TRC105 and decitabine combination in AML xenografts. <i>Heliyon</i> , 2020 , 6, e05242	3.6	O
286	Ascorbic Acid Promotes Demethylation during Early NK Cell Differentiation. <i>Journal of Immunology</i> , 2020 , 205, 1513-1523	5.3	5
285	Unraveling exhaustion in adaptive and conventional NK cells. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 1361-1368	6.5	14
284	NK-Cell-Mediated Targeting of Various Solid Tumors Using a B7-H3 Tri-Specific Killer Engager In Vitro and In Vivo. <i>Cancers</i> , 2020 , 12,	6.6	19
283	Pluripotent stem cell-derived NK cells with high-affinity noncleavable CD16a mediate improved antitumor activity. <i>Blood</i> , 2020 , 135, 399-410	2.2	68
282	KIR B donors improve the outcome for AML patients given reduced intensity conditioning and unrelated donor transplantation. <i>Blood Advances</i> , 2020 , 4, 740-754	7.8	19
281	Investigation of donor KIR content and matching in children undergoing hematopoietic cell transplantation for acute leukemia. <i>Blood Advances</i> , 2020 , 4, 1350-1356	7.8	10
2 80	Human NK Cell Development: One Road or Many?. Frontiers in Immunology, 2019, 10, 2078	8.4	50
279	Danger-associated extracellular ATP counters MDSC therapeutic efficacy in acute GVHD. <i>Blood</i> , 2019 , 134, 1670-1682	2.2	33
278	Assessing Canonical and Adaptive Natural Killer Cell Function in Suppression Assays In Vitro. <i>Methods in Molecular Biology</i> , 2019 , 1913, 153-166	1.4	2
277	Cytokine-induced memory-like natural killer cells have enhanced function, proliferation, and in vivo expansion against ovarian cancer cells. <i>Gynecologic Oncology</i> , 2019 , 153, 149-157	4.9	38
276	Follicular lymphoma patients with KIR2DL2 and KIR3DL1 and their ligands (HLA-C1 and HLA-Bw4) show improved outcome when receiving rituximab 2019 , 7, 70		9
275	Reduced-Intensity Conditioning Followed by Related and Unrelated Allografts for Hematologic Malignancies: Expanded Analysis and Long-Term Follow-Up. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 56-62	4.7	7
274	Harnessing Natural Killer Cell Antitumor Immunity: From the Bench to Bedside. <i>Cancer Immunology Research</i> , 2019 , 7, 1742-1747	12.5	22
273	Adaptive NK cell reconstitution is associated with better clinical outcomes. <i>JCI Insight</i> , 2019 , 4,	9.9	40

(2018-2019)

272	Chronic stimulation drives human NK cell dysfunction and epigenetic reprograming. <i>Journal of Clinical Investigation</i> , 2019 , 129, 3770-3785	15.9	65
271	Mgta-456, an Aryl Hydrocarbon Receptor (AHR) Antagonist Based Expansion of CD34+ Hematopoietic Stem Cells (HSC), Permits Selection of Better HLA Matched Cord Blood Units (CBUs) and Promotes Faster Neutrophil Recovery and Uniform Engraftment with Potentially Less Acute	2.2	3
270	NK Cells Lacking CD38 Are Resistant to Oxidative Stress-Induced Death. <i>Blood</i> , 2019 , 134, 3215-3215	2.2	3
269	PD-1 Is Expressed at Low Levels on All Peripheral Blood Natural Killer Cells but Is a Significant Suppressor of NK Function Against PD-1 Ligand Expressing Tumor Targets. <i>Blood</i> , 2019 , 134, 621-621	2.2	2
268	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. <i>Blood</i> , 2019 , 134, 301-301	2.2	19
267	FT538: Preclinical Development of an Off-the-Shelf Adoptive NK Cell Immunotherapy with Targeted Disruption of CD38 to Prevent Anti-CD38 Antibody-Mediated Fratricide and Enhance ADCC in Multiple Myeloma When Combined with Daratumumab. <i>Blood</i> , 2019 , 134, 133-133	2.2	7
266	Results of a Phase 1 Trial of Gda-201, Nicotinamide-Expanded Allogeneic Natural Killer Cells (NAM-NK) in Patients with Refractory Non-Hodgkin Lymphoma (NHL) and Multiple Myeloma (MM). <i>Blood</i> , 2019 , 134, 777-777	2.2	0
265	iPSC-Derived NK Cells Synergize with T Cells and Anti-PD-1 Antibody to Mediate Durable Anti-Tumor Responses In Vivo. <i>Blood</i> , 2019 , 134, 1933-1933	2.2	1
264	First-in-human trial of rhIL-15 and haploidentical natural killer cell therapy for advanced acute myeloid leukemia. <i>Blood Advances</i> , 2019 , 3, 1970-1980	7.8	90
263	Novel CD19-targeted TriKE restores NK cell function and proliferative capacity in CLL. <i>Blood Advances</i> , 2019 , 3, 897-907	7.8	40
262	Dinaciclib enhances natural killer cell cytotoxicity against acute myelogenous leukemia. <i>Blood Advances</i> , 2019 , 3, 2448-2452	7.8	6
261	The association of CMV with NK-cell reconstitution depends on graft source: results from BMT CTN-0201 samples. <i>Blood Advances</i> , 2019 , 3, 2465-2469	7.8	6
260	Natural Killer Cell Homing and Persistence in the Bone Marrow After Adoptive Immunotherapy Correlates With Better Leukemia Control. <i>Journal of Immunotherapy</i> , 2019 , 42, 65-72	5	18
259	Donor Killer Cell Immunoglobulin-Like Receptor Genotype Does Not Improve Graft-versus-Leukemia Responses in Chronic Lymphocytic Leukemia after Unrelated Donor Transplant: A Center for International Blood and Marrow Transplant Research Analysis. <i>Biology of</i>	4.7	5
258	Natural Killer Cells in Cancer Immunotherapy. <i>Annual Review of Cancer Biology</i> , 2019 , 3, 77-103	13.3	75
257	Monocyte Subpopulation Recovery as Predictors of Hematopoietic Cell Transplantation Outcomes. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 883-890	4.7	7
256	First-in-human phase 1 clinical study of the IL-15 superagonist complex ALT-803 to treat relapse after transplantation. <i>Blood</i> , 2018 , 131, 2515-2527	2.2	194
255	Association between recipient TNF rs361525 and acute GVHD: results from analysis of BMT CTN-0201 samples. <i>Bone Marrow Transplantation</i> , 2018 , 53, 1069-1071	4.4	1

254	Early Reconstitution of NK and IT Cells and Its Implication for the Design of Post-Transplant Immunotherapy. <i>Biology of Blood and Marrow Transplantation</i> , 2018 , 24, 1152-1162	4.7	27
253	Interleukin-15 Complex Treatment Protects Mice from Cerebral Malaria by Inducing Interleukin-10-Producing Natural Killer Cells. <i>Immunity</i> , 2018 , 48, 760-772.e4	32.3	30
252	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. <i>Lancet Oncology, The</i> , 2018 , 19, 694-704	21.7	201
251	Clinical-scale production of cGMP compliant CD3/CD19 cell-depleted NK cells in the evolution of NK cell immunotherapy at a single institution. <i>Transfusion</i> , 2018 , 58, 1458-1467	2.9	11
250	Complete Remission with Reduction of High-Risk Clones following Haploidentical NK-Cell Therapy against MDS and AML. <i>Clinical Cancer Research</i> , 2018 , 24, 1834-1844	12.9	88
249	Evaluation of the biological activities of the IL-15 superagonist complex, ALT-803, following intravenous versus subcutaneous administration in murine models. <i>Cytokine</i> , 2018 , 107, 105-112	4	23
248	Natural Killer Cell B ased Immunotherapy 2018 , 215-227		
247	Strategies to activate NK cells to prevent relapse and induce remission following hematopoietic stem cell transplantation. <i>Blood</i> , 2018 , 131, 1053-1062	2.2	76
246	A Phase 1 Trial of CNDO-109-Activated Natural Killer Cells in Patients with High-Risk Acute Myeloid Leukemia. <i>Biology of Blood and Marrow Transplantation</i> , 2018 , 24, 1581-1589	4.7	38
245	ARID5B regulates metabolic programming in human adaptive NK cells. <i>Journal of Experimental Medicine</i> , 2018 , 215, 2379-2395	16.6	61
244	Near complete response to Pembrolizumab in microsatellite-stable metastatic sebaceous carcinoma 2018 , 6, 58		28
243	Phase I Trial of ALT-803, A Novel Recombinant IL15 Complex, in Patients with Advanced Solid Tumors. <i>Clinical Cancer Research</i> , 2018 , 24, 5552-5561	12.9	89
242	Natural Killer Cell B ased Therapies 2018 , 1575-1582		1
241	Current strategies exploiting NK-cell therapy to treat haematologic malignancies. <i>International Journal of Immunogenetics</i> , 2018 , 45, 237	2.3	15
240	Human CD19-Targeted Mouse T Cells Induce B Cell Aplasia and Toxicity in Human CD19 Transgenic Mice. <i>Molecular Therapy</i> , 2018 , 26, 1423-1434	11.7	28
239	Absence of early HHV-6 reactivation after cord blood allograft predicts powerful graft-versus-tumor effect. <i>American Journal of Hematology</i> , 2018 , 93, 1014	7.1	3
238	First-in-Human Clinical Trial to Determine the Safety and Potency of Inducible T Regulatory Cells after Allogeneic Hematopoietic Cell Transplantation. <i>Blood</i> , 2018 , 132, 2112-2112	2.2	1
237	Facilitating Resolution of Life-Threatening Acute Graft-Versus-Host Disease By Supplementation of Human Chorionic Gonadotropin and Epidermal Growth Factor (Pregnyl): A Phase I Study. <i>Blood</i> , 2018 , 132, 71-71	2.2	1

(2017-2018)

Off-the-Shelf Natural Killer Cells with Multi-Functional Engineering Using a Novel Anti-CD19 Chimeric Antigen Receptor Combined with Stabilized CD16 and IL15 Expression to Enhance Directed Anti-Tumor Activity. <i>Blood</i> , 2018 , 132, 4541-4541	2.2	1
Peritoneal NK cells are responsive to IL-15 and percentages are correlated with outcome in advanced ovarian cancer patients. <i>Oncotarget</i> , 2018 , 9, 34810-34820	3.3	22
Cyclin-Dependent Kinases (CDK) Signaling Blockade Potentiates NK Cell Mediated Cytotoxicity Against Acute Myelogenous Leukemia. <i>Blood</i> , 2018 , 132, 4538-4538	2.2	
Efficient Scale-up and Pre-Clinical Evaluation of NKG2C+ Adaptive NK Cell Expansion for Therapy Against High-Risk AML/MDS. <i>Blood</i> , 2018 , 132, 195-195	2.2	
Recipient T Cell Exhaustion and Successful Adoptive Transfer of Haploidentical Natural Killer Cells. <i>Biology of Blood and Marrow Transplantation</i> , 2018 , 24, 618-622	4.7	7
A First-in-Human Phase I Study of Subcutaneous Outpatient Recombinant Human IL15 (rhIL15) in Adults with Advanced Solid Tumors. <i>Clinical Cancer Research</i> , 2018 , 24, 1525-1535	12.9	95
Haploidentical natural killer cells induce remissions in non-Hodgkin lymphoma patients with low levels of immune-suppressor cells. <i>Cancer Immunology, Immunotherapy</i> , 2018 , 67, 483-494	7.4	46
ALT-803 Transiently Reduces Simian Immunodeficiency Virus Replication in the Absence of Antiretroviral Treatment. <i>Journal of Virology</i> , 2018 , 92,	6.6	30
Continuous treatment with IL-15 exhausts human NK cells via a metabolic defect. <i>JCI Insight</i> , 2018 , 3,	9.9	91
Delayed immune reconstitution after allogeneic transplantation increases the risks of mortality and chronic GVHD. <i>Blood Advances</i> , 2018 , 2, 909-922	7.8	39
161533 TriKE stimulates NK-cell function to overcome myeloid-derived suppressor cells in MDS. <i>Blood Advances</i> , 2018 , 2, 1459-1469	7.8	61
Trispecific killer engager CD16xIL15xCD33 potently induces NK cell activation and cytotoxicity against neoplastic mast cells. <i>Blood Advances</i> , 2018 , 2, 1580-1584	7.8	14
Adaptive NK Cells Resist Regulatory T-cell Suppression Driven by IL37. <i>Cancer Immunology Research</i> , 2018 , 6, 766-775	12.5	46
Allogeneic hematopoietic cell transplantation in morphologic leukemia-free aplastic state. <i>American Journal of Hematology</i> , 2017 , 92, E549-E552	7.1	
NK Cells and T Cells for Relapse Protection After Allogeneic Hematopoietic Cell Transplantation (HCT). <i>Current Stem Cell Reports</i> , 2017 , 3, 301-311	1.8	10
Natural Killer Cell-Based Immunotherapy in Gynecologic Malignancy: A Review. <i>Frontiers in Immunology</i> , 2017 , 8, 1825	8.4	19
Natural killer cells unleashed: Checkpoint receptor blockade and BiKE/TriKE utilization in NK-mediated anti-tumor immunotherapy. <i>Seminars in Immunology</i> , 2017 , 31, 64-75	10.7	74
Combined OX40L and mTOR blockade controls effector T cell activation while preserving T reconstitution after transplant. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	35
	Chimeric Antigen Receptor Combined with Stabilized CD16 and IL15 Expression to Enhance Directed Anti-Tumor Activity. <i>Blood</i> , 2018, 132, 4541-4541 Peritoneal NK cells are responsive to IL-15 and percentages are correlated with outcome in advanced ovarian cancer patients. <i>Oncotarget</i> , 2018, 9, 34810-34820 Cyclin-Dependent Kinases (CDK) Signaling Blockade Potentiates NK Cell Mediated Cytotoxicity Against Acute Myelogenous Leukemia. <i>Blood</i> , 2018, 132, 4538-4538 Efficient Scale-up and Pre-Clinical Evaluation of NKG2C+ Adaptive NK Cell Expansion for Therapy Against High-Risk AML/MDS. <i>Blood</i> , 2018, 132, 195-195 Recipient T Cell Exhaustion and Successful Adoptive Transfer of Haploidentical Natural Killer Cells. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 618-622 A First-in-Human Phase I Study of Subcutaneous Outpatient Recombinant Human IL15 (rhlL15) in Adults with Advanced Solid Tumors. <i>Clinical Cancer Research</i> , 2018, 24, 1525-1535 Haploidentical natural killer cells induce remissions in non-Hodgkin lymphoma patients with low levels of immune-suppressor cells. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 483-494 ALT-803 Transiently Reduces Simian Immunodeficiency Virus Replication in the Absence of Antiretroviral Treatment. <i>Journal of Virology</i> , 2018, 92, Continuous treatment with IL-15 exhausts human NK cells via a metabolic defect. <i>JCl Insight</i> , 2018, 3, Delayed immune reconstitution after allogeneic transplantation increases the risks of mortality and chronic GVHD. <i>Blood Advances</i> , 2018, 2, 909-922 161533 TriKE stimulates NK-cell function to overcome myeloid-derived suppressor cells in MDS. <i>Blood Advances</i> , 2018, 2, 1459-1469 Trispecific killer engager CD16xIL15xCD33 potently induces NK cell activation and cytotoxicity against neoplastic mast cells. <i>Blood Advances</i> , 2018, 2, 1580-1584 Adaptive NK Cells Resist Regulatory T-cell Suppression Driven by IL37. <i>Cancer Immunology Research</i> , 2018, 6, 766-775 NK Cells and IT Cells for Relapse Protection After Allogeneic Hematopoietic Cel	Chimeric Antigen Receptor Combined with Stabilized CD16 and IL15 Expression to Enhance Directed Anti-Tumor Activity. Blood, 2018, 132, 4541-4541 Peritoneal NK cells are responsive to IL-15 and percentages are correlated with outcome in advanced ovarian cancer patients. Oncotarget, 2018, 9, 34810-34820 Cyclin-Dependent Kinases (CDK) Signaling Blockade Potentiates NK Cell Mediated Cytotoxicity Against Acute Myelogenous Leukemia. Blood, 2018, 132, 4538-4538 Efficient Scale-up and Pre-Clinical Evaluation of NKG2C+ Adaptive NK Cell Expansion for Therapy Against High-Risk AML/MDS. Blood, 2018, 132, 195-195 Recipient T Cell Exhaustion and Successful Adoptive Transfer of Haploidentical Natural Killer Cells. Biology of Blood and Marrow Transplantation, 2018, 24, 618-622 A First-in-Human Phase I Study of Subcutaneous Outpatient Recombinant Human IL15 (rhlL15) in Adults with Advanced Solid Tumors. Clinical Cancer Research, 2018, 24, 1525-1535 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 ALT-803 Transiently Reduces Simian Immunodeficiency Virus Replication in the Absence of Antiretroviral Treatment. Journal of Virology, 2018, 92, Continuous treatment with IL-15 exhausts human NK cells via a metabolic defect. JCl Insight, 2018, 3, Delayed immune reconstitution after allogeneic transplantation increases the risks of mortality and chronic GVHD. Blood Advances, 2018, 2, 909-922 Trispecific killer engager CD16xiL 15xCD33 potently induces NK cell activation and cytotoxicity against neoplastic mast cells. Blood Advances, 2018, 2, 1459-1469 Trispecific killer engager CD16xiL 15xCD33 potently induces NK cell activation and cytotoxicity against neoplastic mast cells. Blood Advances, 2018, 2, 1580-1584 Adaptive NK Cells Resist Regulatory T-cell Suppression Driven by IL37. Cancer Immunology Research 12, 2018, 6, 766-775 Allogeneic hematopoietic cell transplantation in morphologic leukem

218	Dendritic Cell Recovery Impacts Outcomes after Umbilical Cord Blood and Sibling Donor Transplantation for Hematologic Malignancies. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 1925-1931	4.7	3
217	GSK3 Inhibition Drives Maturation of NK Cells and Enhances Their Antitumor Activity. <i>Cancer Research</i> , 2017 , 77, 5664-5675	10.1	71
216	Matching at Human Leukocyte Antigen-C Improved the Outcomes after Double Umbilical Cord Blood Transplantation for Recipients of Two to Four of Six Human Leukocyte Antigen-Matched Grafts. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 126-133	4.7	9
215	Recipient HLA-C Haplotypes and microRNA 148a/b Binding Sites Have No Impact on Allogeneic Hematopoietic Cell Transplantation Outcomes. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 153-160	4.7	12
214	Optimization of cGMP purification and expansion of umbilical cord blood-derived T-regulatory cells in support of first-in-human clinical trials. <i>Cytotherapy</i> , 2017 , 19, 250-262	4.8	32
213	HLA-Bw4-I-80 Isoform Differentially Influences Clinical Outcome As Compared to HLA-Bw4-T-80 and HLA-A-Bw4 Isoforms in Rituximab or Dinutuximab-Based Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2017 , 8, 675	8.4	12
212	Glycolytic requirement for NK cell cytotoxicity and cytomegalovirus control. JCI Insight, 2017, 2,	9.9	58
211	Engineering of Anti-CD133 Trispecific Molecule Capable of Inducing NK Expansion and Driving Antibody-Dependent Cell-Mediated Cytotoxicity. <i>Cancer Research and Treatment</i> , 2017 , 49, 1140-1152	5.2	47
210	Diversification and Functional Specialization of Human NK Cell Subsets. <i>Current Topics in Microbiology and Immunology</i> , 2016 , 395, 63-94	3.3	39
209	The Past, Present, and Future of NK Cells in Hematopoietic Cell Transplantation and Adoptive Transfer. <i>Current Topics in Microbiology and Immunology</i> , 2016 , 395, 225-43	3.3	21
208	Fewer Circulating Natural Killer Cells 28 Days After Double Cord Blood Transplantation Predicts Inferior Survival and IL-15 Response. <i>Blood Advances</i> , 2016 , 1, 208-218	7.8	6
207	Targeting KIR Blockade in Multiple Myeloma: Trouble in Checkpoint Paradise?. <i>Clinical Cancer Research</i> , 2016 , 22, 5161-5163	12.9	11
206	Viraemia, immunogenicity, and survival outcomes of cytomegalovirus chimeric epitope vaccine supplemented with PF03512676 (CMVPepVax) in allogeneic haemopoietic stem-cell transplantation: randomised phase 1b trial. <i>Lancet Haematology,the</i> , 2016 , 3, e87-98	14.6	56
205	IL15 Trispecific Killer Engagers (TriKE) Make Natural Killer Cells Specific to CD33+ Targets While Also Inducing Persistence, In Vivo Expansion, and Enhanced Function. <i>Clinical Cancer Research</i> , 2016 , 22, 3440-50	12.9	202
204	Impact of Allele-Level HLA Mismatch on Outcomes in Recipients of Double Umbilical Cord Blood Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2016 , 22, 487-92	4.7	39
203	Evaluation of TCR Gene Editing Achieved by TALENs, CRISPR/Cas9, and megaTAL Nucleases. <i>Molecular Therapy</i> , 2016 , 24, 570-81	11.7	125
202	In Vitro Induction of Human Regulatory T-Cells (iTregs) Using Conditions of Low Tryptophan Plus Kynurenines. <i>Blood</i> , 2016 , 128, 1229-1229	2.2	1
201	Immune Reconstitution after Umbilical Cord Blood Versus Peripheral Blood Progenitor Cell Transplantation in Adults Following Myeloablative Conditioning. <i>Blood</i> , 2016 , 128, 2246-2246	2.2	2

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48	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. <i>Biology of Blood and Marrow Transplantation</i> , 2005 , 11, 23-34	4.7	34
47	Long-term follow-up after autologous hematopoietic stem cell transplantation for low-grade non-Hodgkin lymphoma. <i>Biology of Blood and Marrow Transplantation</i> , 2005 , 11, 129-35	4.7	21
46	Diminished neo-antigen response to keyhole limpet hemocyanin (KLH) vaccines in patients after treatment with chemotherapy or hematopoietic cell transplantation. <i>Clinical Immunology</i> , 2005 , 117, 144-51	9	20
45	Successful adoptive transfer and in vivo expansion of human haploidentical NK cells in patients with cancer. <i>Blood</i> , 2005 , 105, 3051-7	2.2	1258
44	Transplantation of 2 partially HLA-matched umbilical cord blood units to enhance engraftment in adults with hematologic malignancy. <i>Blood</i> , 2005 , 105, 1343-7	2.2	744
43	KIR reconstitution is altered by T cells in the graft and correlates with clinical outcomes after unrelated donor transplantation. <i>Blood</i> , 2005 , 106, 4370-6	2.2	181
42	The Minnesota Molecular and Cellular Therapeutics Facility: a state-of-the-art biotherapeutics engineering laboratory. <i>Transfusion Medicine Reviews</i> , 2005 , 19, 217-28	7.4	16
41	Epigenetic control of highly homologous killer Ig-like receptor gene alleles. <i>Journal of Immunology</i> , 2005 , 175, 5966-74	5.3	62
40	Human embryonic stem cell-derived NK cells acquire functional receptors and cytolytic activity. <i>Journal of Immunology</i> , 2005 , 175, 5095-103	5.3	163
39	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) Blood 2005, 106, 1814-1814	2.2	2

38	Human Embryonic Stem Cells Differentiate into Functional Natural Killer Cells with the Capacity To Mediate Anti-Tumor Activity <i>Blood</i> , 2005 , 106, 763-763	2.2	
37	C-MYC Induces KIR Expression Via a Novel Control Region Upstream of the Conventional Adult KIR Promoter <i>Blood</i> , 2005 , 106, 764-764	2.2	
36	Donor chimerism does not predict response to donor lymphocyte infusion for relapsed chronic myelogenous leukemia after allogeneic hematopoietic cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2004 , 10, 171-7	4.7	11
35	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. <i>Biology of Blood and Marrow Transplantation</i> ,	4.7	40
34	Successful Remission of Poor Prognosis AML after Adoptive Transfer and In Vivo Expansion of Human Haploidentical NK Cells <i>Blood</i> , 2004 , 104, 260-260	2.2	2
33	Acute Graft-Versus-Host Disease: Clinical Presentation and Response to Therapy Following Umbilical Cord Blood Transplant <i>Blood</i> , 2004 , 104, 2148-2148	2.2	
32	Fludarabine Is Superior to Cladribine When Added to Busulfan and Low Dose TBI as Reduced Intensity Conditioning for Allogeneic Hematopoietic Cell Transplantation (HCT): A Prospective Randomized Trial <i>Blood</i> , 2004 , 104, 1825-1825	2.2	
31	BCR/ABL alters the function of NK cells and the acquisition of killer immunoglobulin-like receptors (KIRs). <i>Blood</i> , 2003 , 101, 3527-33	2.2	19
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29	Determinants of survival after human leucocyte antigen-matched unrelated donor bone marrow transplantation in adults. <i>British Journal of Haematology</i> , 2002 , 118, 101-7	4.5	14
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26	The BCR/ABL transgene causes abnormal NK cell differentiation and can be found in circulating NK cells of advanced phase chronic myelogenous leukemia patients. <i>Journal of Immunology</i> , 2002 , 168, 643-	- 5 0	26
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5	Natural killer cell proliferation is dependent on human serum and markedly increased utilizing an enriched supplemented basal medium. <i>Stem Cells and Development</i> , 1995 , 4, 149-58		30
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