

Dean A Lee

List of Publications by Year in descending order

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191
papers

10,223
citations

36203

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202
docs citations

202
times ranked

11795
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-Specific Human CD4+ Regulatory T Cells and Their Ligands. <i>Immunity</i> , 2004, 20, 107-118.	6.6	517
2	Membrane-Bound IL-21 Promotes Sustained Ex Vivo Proliferation of Human Natural Killer Cells. <i>PLoS ONE</i> , 2012, 7, e30264.	1.1	488
3	A foundation for universal T-cell based immunotherapy: T cells engineered to express a CD19-specific chimeric-antigen-receptor and eliminate expression of endogenous TCR. <i>Blood</i> , 2012, 119, 5697-5705.	0.6	437
4	Phase I trials using Sleeping Beauty to generate CD19-specific CAR T cells. <i>Journal of Clinical Investigation</i> , 2016, 126, 3363-3376.	3.9	399
5	New insights to the MLL recombinome of acute leukemias. <i>Leukemia</i> , 2009, 23, 1490-1499.	3.3	363
6	Tuning Sensitivity of CAR to EGFR Density Limits Recognition of Normal Tissue While Maintaining Potent Antitumor Activity. <i>Cancer Research</i> , 2015, 75, 3505-3518.	0.4	327
7	Tethered IL-15 augments antitumor activity and promotes a stem-cell memory subset in tumor-specific T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7788-E7797.	3.3	320
8	Clinical-Scale Derivation of Natural Killer Cells From Human Pluripotent Stem Cells for Cancer Therapy. <i>Stem Cells Translational Medicine</i> , 2013, 2, 274-283.	1.6	293
9	Phase 1 clinical trial using mbIL21 ex vivo expanded donor-derived NK cells after haploidentical transplantation. <i>Blood</i> , 2017, 130, 1857-1868.	0.6	256
10	Toward eliminating HLA class I expression to generate universal cells from allogeneic donors. <i>Blood</i> , 2013, 122, 1341-1349.	0.6	243
11	Similar Transplantation Outcomes for Acute Myeloid Leukemia and Myelodysplastic Syndrome Patients with Haploidentical versus 10/10 Human Leukocyte Antigen-Matched Unrelated and Related Donors. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 1975-1981.	2.0	207
12	T Cells Redirected to EphA2 for the Immunotherapy of Glioblastoma. <i>Molecular Therapy</i> , 2013, 21, 629-637.	3.7	200
13	Reprogramming CD19-Specific T Cells with IL-21 Signaling Can Improve Adoptive Immunotherapy of B-Lineage Malignancies. <i>Cancer Research</i> , 2011, 71, 3516-3527.	0.4	171
14	Bioengineering T cells to target carbohydrate to treat opportunistic fungal infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10660-10665.	3.3	171
15	Phase I study of cord blood-derived natural killer cells combined with autologous stem cell transplantation in multiple myeloma. <i>British Journal of Haematology</i> , 2017, 177, 457-466.	1.2	158
16	Antigen Presenting Cell-Mediated Expansion of Human Umbilical Cord Blood Yields Log-Scale Expansion of Natural Killer Cells with Anti-Myeloma Activity. <i>PLoS ONE</i> , 2013, 8, e76781.	1.1	155
17	Autologous Bone Marrow Mononuclear Cell Therapy for Severe Traumatic Brain Injury in Children. <i>Neurosurgery</i> , 2011, 68, 588-600.	0.6	143
18	Bispecific T-cells Expressing Polyclonal Repertoire of Endogenous T-cell Receptors and Introduced CD19-specific Chimeric Antigen Receptor. <i>Molecular Therapy</i> , 2013, 21, 638-647.	3.7	134

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19	<i>piggyBac</i> Transposon/Transposase System to Generate CD19-Specific T Cells for the Treatment of B-Lineage Malignancies. <i>Human Gene Therapy</i> , 2010, 21, 427-437.	1.4	124
20	Activating and Propagating Polyclonal Gamma Delta T Cells with Broad Specificity for Malignancies. <i>Clinical Cancer Research</i> , 2014, 20, 5708-5719.	3.2	114
21	Haploidentical Natural Killer Cells Infused before Allogeneic Stem Cell Transplantation for Myeloid Malignancies: A Phase I Trial. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, 1290-1298.	2.0	113
22	Expansion, Purification, and Functional Assessment of Human Peripheral Blood NK Cells. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	109
23	Aggressive natural killer-cell leukemia—mutational landscape and drug profiling highlight JAK-STAT signaling as therapeutic target. <i>Nature Communications</i> , 2018, 9, 1567.	5.8	107
24	Engineering lymph node homing of ex vivo expanded human natural killer cells via trogocytosis of the chemokine receptor CCR7. <i>Blood</i> , 2012, 119, 5164-5172.	0.6	106
25	Chimeric Antigen Receptor (CAR)-Specific Monoclonal Antibody to Detect CD19-Specific T Cells in Clinical Trials. <i>PLoS ONE</i> , 2013, 8, e57838.	1.1	104
26	Growth and Activation of Natural Killer Cells Ex Vivo from Children with Neuroblastoma for Adoptive Cell Therapy. <i>Clinical Cancer Research</i> , 2013, 19, 2132-2143.	3.2	101
27	Radiotherapy enhances natural killer cell cytotoxicity and localization in pre-clinical canine sarcomas and first-in-dog clinical trial. , 2017, 5, 98.		101
28	Infusing CD19-Directed T Cells to Augment Disease Control in Patients Undergoing Autologous Hematopoietic Stem-Cell Transplantation for Advanced B-Lymphoid Malignancies. <i>Human Gene Therapy</i> , 2012, 23, 444-450.	1.4	99
29	In Vivo Antitumor Effect of Anti-CD33 Chimeric Receptor-Expressing EBV-CTL against Acute Myeloid Leukemia. <i>Advances in Hematology</i> . 2012, 2012, 1-10.	0.6	94
30	Inhibiting TGF-beta signaling preserves the function of highly activated, in vitro expanded natural killer cells in AML and colon cancer models. <i>PLoS ONE</i> , 2018, 13, e0191358.	1.1	93
31	The hyperactive Sleeping Beauty transposase SB100X improves the genetic modification of T cells to express a chimeric antigen receptor. <i>Gene Therapy</i> , 2011, 18, 849-856.	2.3	91
32	Treatment of Severe Adult Traumatic Brain Injury Using Bone Marrow Mononuclear Cells. <i>Stem Cells</i> , 2017, 35, 1065-1079.	1.4	89
33	The Narrow-Spectrum HDAC Inhibitor Entinostat Enhances NKG2D Expression Without NK Cell Toxicity, Leading to Enhanced Recognition of Cancer Cells. <i>Pharmaceutical Research</i> , 2015, 32, 779-792.	1.7	86
34	Repression of GSK3 restores NK cell cytotoxicity in AML patients. <i>Nature Communications</i> , 2016, 7, 11154.	5.8	86
35	Antibody Fc engineering improves frequency and promotes kinetic boosting of serial killing mediated by NK cells. <i>Blood</i> , 2014, 124, 3241-3249.	0.6	85
36	IL-18/IL-15/IL-12 synergy induces elevated and prolonged IFN- γ production by ex vivo expanded NK cells which is not due to enhanced STAT4 activation. <i>Molecular Immunology</i> , 2017, 88, 138-147.	1.0	84

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37	Efficient and Robust NK-Cell Transduction With Baboon Envelope Pseudotyped Lentivector. <i>Frontiers in Immunology</i> , 2019, 10, 2873.	2.2	84
38	Strategies for combining immunotherapy with radiation for anticancer therapy. <i>Immunotherapy</i> , 2015, 7, 967-980.	1.0	83
39	Cellular therapy: Adoptive immunotherapy with expanded natural killer cells. <i>Immunological Reviews</i> , 2019, 290, 85-99.	2.8	81
40	Advances in clinical NK cell studies: Donor selection, manufacturing and quality control. <i>Oncolmmunology</i> , 2016, 5, e1115178.	2.1	79
41	CD38 deletion of human primary NK cells eliminates daratumumab-induced fratricide and boosts their effector activity. <i>Blood</i> , 2020, 136, 2416-2427.	0.6	77
42	Results of a 2â€arm, phase 2 clinical trial using postâ€transplantation cyclophosphamide for the prevention of graftâ€versusâ€host disease in haploidentical donor and mismatched unrelated donor hematopoietic stem cell transplantation. <i>Cancer</i> , 2016, 122, 3316-3326.	2.0	75
43	Sleeping Beauty System to Redirect T-cell Specificity for Human Applications. <i>Journal of Immunotherapy</i> , 2013, 36, 112-123.	1.2	74
44	A Novel Method for Assessment of Natural Killer Cell Cytotoxicity Using Image Cytometry. <i>PLoS ONE</i> , 2015, 10, e0141074.	1.1	71
45	Natural killer cells stimulated with PM21 particles expand and biodistribute in vivo: Clinical implications for cancer treatment. <i>Cytotherapy</i> , 2016, 18, 653-663.	0.3	68
46	IL-12 and IL-27 Sequential Gene Therapy via Intramuscular Electroporation Delivery for Eliminating Distal Aggressive Tumors. <i>Journal of Immunology</i> , 2010, 184, 2348-2354.	0.4	67
47	NKG2D-CAR-transduced natural killer cells efficiently target multiple myeloma. <i>Blood Cancer Journal</i> , 2021, 11, 146.	2.8	67
48	Membrane bound IL-21 based NK cell feeder cells drive robust expansion and metabolic activation of NK cells. <i>Scientific Reports</i> , 2019, 9, 14916.	1.6	66
49	Transcription of the activating receptor NKG2D in natural killer cells is regulated by STAT3 tyrosine phosphorylation. <i>Blood</i> , 2014, 124, 403-411.	0.6	63
50	The histone deacetylase inhibitor valproic acid inhibits NKG2D expression in natural killer cells through suppression of STAT3 and HDAC3. <i>Scientific Reports</i> , 2017, 7, 45266.	1.6	61
51	Autologous Bone Marrow Mononuclear Cells Reduce Therapeutic Intensity for Severe Traumatic Brain Injury in Children*. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 245-255.	0.2	60
52	Ex vivo expanded natural killer cells from breast cancer patients and healthy donors are highly cytotoxic against breast cancer cell lines and patient-derived tumours. <i>Breast Cancer Research</i> , 2017, 19, 76.	2.2	59
53	Education-dependent activation of glycolysis promotes the cytolytic potency of licensed human natural killer cells. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 346-358.e6.	1.5	59
54	Imaging of genetically engineered T cells by PET using gold nanoparticles complexed to Copper-64. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 231-238.	0.6	58

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55	Adoptive T-cell therapy improves treatment of canine non-Hodgkin lymphoma post chemotherapy. <i>Scientific Reports</i> , 2012, 2, 249.	1.6	57
56	Generation of Knock-out Primary and Expanded Human NK Cells Using Cas9 Ribonucleoproteins. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	53
57	Decitabine has a biphasic effect on natural killer cell viability, phenotype, and function under proliferative conditions. <i>Molecular Immunology</i> , 2013, 54, 296-301.	1.0	50
58	The role of AhR in transcriptional regulation of immune cell development and function. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1873, 188335.	3.3	49
59	Phase I study of intraventricular infusions of autologous ex vivo expanded NK cells in children with recurrent medulloblastoma and ependymoma. <i>Neuro-Oncology</i> , 2020, 22, 1214-1225.	0.6	48
60	Trastuzumab upregulates expression of HLA-ABC and T cell costimulatory molecules through engagement of natural killer cells and stimulation of IFN γ secretion. <i>Oncolmmunology</i> , 2016, 5, e1100790.	2.1	46
61	Decrease post-transplant relapse using donor-derived expanded NK-cells. <i>Leukemia</i> , 2022, 36, 155-164.	3.3	43
62	Membrane-bound TRAIL Supplements Natural Killer Cell Cytotoxicity Against Neuroblastoma Cells. <i>Journal of Immunotherapy</i> , 2013, 36, 319-329.	1.2	42
63	Interferon Gamma Induces Changes in Natural Killer (NK) Cell Ligand Expression and Alters NK Cell-Mediated Lysis of Pediatric Cancer Cell Lines. <i>Frontiers in Immunology</i> , 2017, 8, 391.	2.2	42
64	Pharmacologic inhibition of lysine-specific demethylase 1 as a therapeutic and immune-sensitization strategy in pediatric high-grade glioma. <i>Neuro-Oncology</i> , 2020, 22, 1302-1314.	0.6	42
65	Membrane-bound interleukin-21 and CD137 ligand induce functional human natural killer cells from peripheral blood mononuclear cells through STAT-3 activation. <i>Clinical and Experimental Immunology</i> , 2013, 172, 104-112.	1.1	41
66	Liver transplantation for severe hepatic graft-versus-host disease: An analysis of aggregate survival data. <i>Liver Transplantation</i> , 2005, 11, 525-531.	1.3	40
67	Combining CD19 Redirection and Alloantigenization to Generate Tumor-Specific Human T Cells for Allogeneic Cell Therapy of B-Cell Malignancies. <i>Cancer Research</i> , 2010, 70, 3915-3924.	0.4	40
68	Natural killer cell adoptive immunotherapy: Coming of age. <i>Clinical Immunology</i> , 2017, 177, 3-11.	1.4	40
69	NCR1 Expression Identifies Canine Natural Killer Cell Subsets with Phenotypic Similarity to Human Natural Killer Cells. <i>Frontiers in Immunology</i> , 2016, 7, 521.	2.2	39
70	The deubiquitylase USP37 links REST to the control of p27 stability and cell proliferation. <i>Oncogene</i> , 2013, 32, 1691-1701.	2.6	38
71	TGF β ² Imprinting During Activation Promotes Natural Killer Cell Cytokine Hypersecretion. <i>Cancers</i> , 2018, 10, 423.	1.7	38
72	Expanded CD56 ⁺ CD16 ⁺ NK Cells from Ovarian Cancer Patients Are Cytotoxic against Autologous Tumor in a Patient-Derived Xenograft Murine Model. <i>Cancer Immunology Research</i> , 2018, 6, 1174-1185.	1.6	38

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73	Ex vivo-expanded NK cells from blood and ascites of ovarian cancer patients are cytotoxic against autologous primary ovarian cancer cells. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 575-587.	2.0	36
74	Natural killer cell therapy and aerosol interleukin-2 for the treatment of osteosarcoma lung metastasis. <i>Pediatric Blood and Cancer</i> , 2014, 61, 618-626.	0.8	35
75	Intravenous Bone Marrow Mononuclear Cells for Acute Ischemic Stroke: Safety, Feasibility, and Effect Size from a Phase I Clinical Trial. <i>Stem Cells</i> , 2019, 37, 1481-1491.	1.4	35
76	Natural killer cells in malignant hematology: A primer for the non-immunologist. <i>Blood Reviews</i> , 2017, 31, 1-10.	2.8	34
77	Natural killer cell therapy for hematologic malignancies: successes, challenges, and the future. <i>Stem Cell Research and Therapy</i> , 2021, 12, 211.	2.4	33
78	A high throughput microelectroporation device to introduce a chimeric antigen receptor to redirect the specificity of human T cells. <i>Biomedical Microdevices</i> , 2010, 12, 855-863.	1.4	30
79	Haploidentical Hematopoietic Stem Cell Transplantation as a Platform for Post-Transplantation Cellular Therapy. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 1714-1720.	2.0	30
80	Cathepsin G is broadly expressed in acute myeloid leukemia and is an effective immunotherapeutic target. <i>Leukemia</i> , 2017, 31, 234-237.	3.3	30
81	Aerosol interleukin-2 induces natural killer cell proliferation in the lung and combination therapy improves the survival of mice with osteosarcoma lung metastasis. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1362-1368.	0.8	29
82	Tumor Lysing Genetically Engineered T Cells Loaded with Multi-Modal Imaging Agents. <i>Scientific Reports</i> , 2014, 4, 4502.	1.6	29
83	Redirecting T-Cell Specificity to EGFR Using mRNA to Self-limit Expression of Chimeric Antigen Receptor. <i>Journal of Immunotherapy</i> , 2016, 39, 205-217.	1.2	29
84	Ex Vivo-expanded Natural Killer Cells Derived From Long-term Cryopreserved Cord Blood are Cytotoxic Against Primary Breast Cancer Cells. <i>Journal of Immunotherapy</i> , 2018, 41, 64-72.	1.2	29
85	Natural Killer Cells for Osteosarcoma. <i>Advances in Experimental Medicine and Biology</i> , 2014, 804, 341-353.	0.8	28
86	Ex Vivo Expansion of Human NK Cells Using K562 Engineered to Express Membrane Bound IL21. <i>Methods in Molecular Biology</i> , 2016, 1441, 175-193.	0.4	27
87	Combined Stimulation with Interleukin-18 and Interleukin-12 Potently Induces Interleukin-8 Production by Natural Killer Cells. <i>Journal of Innate Immunity</i> , 2017, 9, 511-525.	1.8	27
88	Universal Artificial Antigen Presenting Cells to Selectively Propagate T Cells Expressing Chimeric Antigen Receptor Independent of Specificity. <i>Journal of Immunotherapy</i> , 2014, 37, 204-213.	1.2	26
89	Immunotherapeutic Challenges for Pediatric Cancers. <i>Molecular Therapy - Oncolytics</i> , 2019, 15, 38-48.	2.0	26
90	Monitoring of intracerebellarly-administered natural killer cells with fluorine-19 MRI. <i>Journal of Neuro-Oncology</i> , 2019, 142, 395-407.	1.4	25

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91	HIV false positivity after hepatitis B vaccination. <i>Lancet</i> , The, 1992, 339, 1060.	6.3	24
92	Clustered Regularly Interspaced Short Palindromic Repeats/Cas9 Gene Editing Technique in Xenotransplantation. <i>Frontiers in Immunology</i> , 2018, 9, 1711.	2.2	24
93	NK cell therapy: targeting disease relapse after hematopoietic stem cell transplantation. <i>Immunotherapy</i> , 2012, 4, 305-313.	1.0	23
94	Analysis of NK cell clones obtained using interleukin-2 and gene-modified K562 cells revealed the ability of senescent NK cells to lose CD57 expression and start expressing NKG2A. <i>PLoS ONE</i> , 2018, 13, e0208469.	1.1	23
95	Imaging of Sleeping Beauty-Modified CD19-Specific T Cells Expressing HSV1-Thymidine Kinase by Positron Emission Tomography. <i>Molecular Imaging and Biology</i> , 2016, 18, 838-848.	1.3	22
96	Ex Vivo Expanded Human NK Cells Survive and Proliferate in Humanized Mice with Autologous Human Immune Cells. <i>Scientific Reports</i> , 2017, 7, 12083.	1.6	22
97	Adoptive immunotherapy with double-bright (CD56 ^{bright} /CD16 ^{bright}) expanded natural killer cells in patients with relapsed or refractory acute myeloid leukaemia: a proof-of-concept study. <i>British Journal of Haematology</i> , 2021, 195, 710-721.	1.2	22
98	Scaffolding LSD1 Inhibitors Impair NK Cell Metabolism and Cytotoxic Function Through Depletion of Glutathione. <i>Frontiers in Immunology</i> , 2020, 11, 2196.	2.2	21
99	Mentoring in Pediatric Oncology. <i>Journal of Pediatric Hematology/Oncology</i> , 2013, 35, 456-461.	0.3	20
100	Methotrexate administration directly into the fourth ventricle in children with malignant fourth ventricular brain tumors: a pilot clinical trial. <i>Journal of Neuro-Oncology</i> , 2015, 125, 133-141.	1.4	20
101	Immunotherapies for pediatric cancer: current landscape and future perspectives. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 573-594.	2.7	20
102	NKG2D-CAR Transduced Primary Natural Killer Cells Efficiently Target Multiple Myeloma Cells. <i>Blood</i> , 2018, 132, 590-590.	0.6	20
103	Fenretinide sensitizes multidrug-resistant human neuroblastoma cells to antibody-independent and ch14.18-mediated NK cell cytotoxicity. <i>Journal of Molecular Medicine</i> , 2013, 91, 459-472.	1.7	19
104	Investigation of donor KIR content and matching in children undergoing hematopoietic cell transplantation for acute leukemia. <i>Blood Advances</i> , 2020, 4, 1350-1356.	2.5	19
105	Optimization and validation of CAR transduction into human primary NK cells using CRISPR and AAV. <i>Cell Reports Methods</i> , 2022, 2, 100236.	1.4	19
106	Cytotoxicity of CD56-positive lymphocytes against autologous B-cell precursor acute lymphoblastic leukemia cells. <i>Leukemia</i> , 2015, 29, 788-797.	3.3	18
107	In Vivo 19F-Magnetic Resonance Imaging of Adoptively Transferred NK Cells. <i>Methods in Molecular Biology</i> , 2016, 1441, 317-332.	0.4	18
108	Acquisition, Preparation, and Functional Assessment of Human NK Cells for Adoptive Immunotherapy. <i>Methods in Molecular Biology</i> , 2010, 651, 61-77.	0.4	18

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109	Genetic and epigenetic modification of human primary NK cells for enhanced antitumor activity. <i>Seminars in Hematology</i> , 2020, 57, 201-212.	1.8	17
110	Evaluation of serum-free media formulations in feeder cell-stimulated expansion of natural killer cells. <i>Cytotherapy</i> , 2020, 22, 322-328.	0.3	17
111	Tgf β ² -Imprinting Decrease CD38 Expression and Lead to Metabolic Reprogramming on Primary NK Cell. <i>Blood</i> , 2020, 136, 4-4.	0.6	16
112	Rotavirus Vaccines. <i>New England Journal of Medicine</i> , 2006, 354, 1747-1751.	13.9	15
113	C/EBP β suppression by interruption of CUGBP1 resulting from a complex rearrangement of MLL. <i>Cancer Genetics and Cytogenetics</i> , 2007, 177, 108-114.	1.0	15
114	Chromatin remodelling at the topoisomerase II-beta promoter is associated with enhanced sensitivity to etoposide in human neuroblastoma cell lines. <i>European Journal of Cancer</i> , 2010, 46, 2771-2780.	1.3	15
115	Recurrent Stimulation of Natural Killer Cell Clones with K562 Expressing Membrane-Bound Interleukin-21 Affects Their Phenotype, Interferon- γ Production, and Lifespan. <i>International Journal of Molecular Sciences</i> , 2019, 20, 443.	1.8	15
116	Blood and tissue biomarker analysis in dogs with osteosarcoma treated with palliative radiation and intra-tumoral autologous natural killer cell transfer. <i>PLoS ONE</i> , 2020, 15, e0224775.	1.1	15
117	Combinatorial immunotherapy of N-803 (IL-15 superagonist) and dinutuximab with ex vivo expanded natural killer cells significantly enhances in vitro cytotoxicity against GD2+ pediatric solid tumors and in vivo survival of xenografted immunodeficient NSG mice. , 2021, 9, e002267.		14
118	Granulocytic Sarcoma Presenting as Pneumonia in a Child With t(8;21) Acute Myelogenous Leukemia: Diagnosis by Fluorescent In Situ Hybridization. <i>Journal of Pediatric Hematology/Oncology</i> , 2004, 26, 431-434.	0.3	13
119	PET imaging of T cells derived from umbilical cord blood. <i>Leukemia</i> , 2009, 23, 620-622.	3.3	13
120	ROR1-Specific Chimeric Antigen Receptor (CAR) NK Cell Immunotherapy for High Risk Neuroblastomas and Sarcomas. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, S136-S137.	2.0	13
121	Fc-engineered anti-CD33 monoclonal antibody potentiates cytotoxicity of membrane-bound interleukin-21 expanded natural killer cells in acute myeloid leukemia. <i>Cytotherapy</i> , 2020, 22, 369-376.	0.3	13
122	CD33 Targeting Primary CAR-NK Cells Generated By CRISPR Mediated Gene Insertion Show Enhanced Anti-AML Activity. <i>Blood</i> , 2020, 136, 3-3.	0.6	13
123	Double Cord Blood Transplantation (CBT) with and without Ex-Vivo Expansion (EXP): A Randomized, Controlled Study. <i>Blood</i> , 2008, 112, 154-154.	0.6	13
124	Regulatory Considerations for NK Cells Used in Human Immunotherapy Applications. <i>Methods in Molecular Biology</i> , 2016, 1441, 347-361.	0.4	12
125	Cellular engineering and therapy in combination with cord blood allografting in pediatric recipients. <i>Bone Marrow Transplantation</i> , 2016, 51, 27-33.	1.3	12
126	Highly cytotoxic natural killer cells are associated with poor prognosis in patients with cutaneous T-cell lymphoma. <i>Blood Advances</i> , 2018, 2, 1818-1827.	2.5	11

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127	Immune profiles of desmoplastic small round cell tumor and synovial sarcoma suggest different immunotherapeutic susceptibility upfront compared to relapse specimens. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27313.	0.8	11
128	Expression of carcinoma, apoptosis, and cell death-related genes are determinants for sensitivity of pediatric cancer cell lines to lysis by natural killer cells. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27783.	0.8	11
129	Novel cytokine-antibody fusion protein, N-820, to enhance the functions of ex vivo expanded natural killer cells against Burkitt lymphoma. , 2020, 8, e001238.		11
130	Natural Killer Cell Immunotherapy for Osteosarcoma. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1257, 141-154.	0.8	11
131	Cerebral organoids containing an <i>AUTS2</i> missense variant model microcephaly. <i>Brain</i> , 2023, 146, 387-404.	3.7	11
132	Defining the AHR-regulated transcriptome in NK cells reveals gene expression programs relevant to development and function. <i>Blood Advances</i> , 2021, 5, 4605-4618.	2.5	10
133	Disruption of SOCS3 Promotes the Anti-Cancer Efficacy of Primary NK Cells. <i>Blood</i> , 2018, 132, 5687-5687.	0.6	10
134	Is there an expiration date for a cord blood unit in storage?. <i>Bone Marrow Transplantation</i> , 2014, 49, 1109-1112.	1.3	9
135	Venous Thromboembolism in Pediatric Hematopoietic Cell Transplant: A Multicenter Cohort Study. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 337-342.	2.0	8
136	Adoptive Natural Killer Cell Immunotherapy for Canine Osteosarcoma. <i>Frontiers in Veterinary Science</i> , 2021, 8, 672361.	0.9	8
137	Phase II study of ex vivo expanded cord blood natural killer cells for multiple myeloma.. <i>Journal of Clinical Oncology</i> , 2018, 36, 8006-8006.	0.8	8
138	CRISPR Gene Editing of Human Primary NK and T Cells for Cancer Immunotherapy. <i>Frontiers in Oncology</i> , 2022, 12, 834002.	1.3	8
139	Electroporation of siRNA to Silence Gene Expression in Primary NK Cells. <i>Methods in Molecular Biology</i> , 2016, 1441, 267-276.	0.4	7
140	Activated peripheral T lymphocytes undergo apoptosis when cultured with monocytes activated by HLA class II ligation. <i>Cellular Immunology</i> , 2003, 225, 101-112.	1.4	6
141	Identifying candidate allogeneic NK-cell donors for hematopoietic stem-cell transplantation based on functional phenotype. <i>Leukemia</i> , 2010, 24, 1059-1062.	3.3	6
142	CD38 Knockout Primary NK Cells to Prevent "Fratricide" and Boost Daratumumab Activity. <i>Blood</i> , 2019, 134, 870-870.	0.6	6
143	Combination of Gene Therapy and Nanoparticle Imaging for Improving T-Cell Therapy.. <i>Blood</i> , 2010, 116, 1479-1479.	0.6	6
144	Evaluation of allogeneic and autologous membrane-bound IL-21-expanded NK cells for chronic lymphocytic leukemia therapy. <i>Blood Advances</i> , 2022, 6, 5641-5654.	2.5	6

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145	Defining and managing career challenges for mid-career and senior stage pediatric hematologist/oncologists. <i>Pediatric Blood and Cancer</i> , 2010, 55, 1180-1184.	0.8	5
146	The off-target effects of nonspecific NK cells. <i>Blood</i> , 2015, 125, 744-745.	0.6	5
147	Adjuvant haploidentical virus-specific T lymphocytes for treatment of disseminated adenovirus infection in a premature infant. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 594-597.e4.	1.5	5
148	Transplant Outcomes For Patients With AML/MDS Using Melphalan-Based Conditioning. <i>Blood</i> , 2013, 122, 2167-2167.	0.6	5
149	The Future of Natural Killer Cell Immunotherapy for B Cell Non-Hodgkin Lymphoma (B Cell NHL). <i>Current Treatment Options in Oncology</i> , 2022, 23, 381-403.	1.3	5
150	Generation of Natural Killer Cell Lymphoma Models In Vitro by Gene Editing. <i>Blood</i> , 2016, 128, 2724-2724.	0.6	4
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