

Simon F Lacey

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

22,141
citations

66343

42
h-index

95266

68
g-index

71
all docs

71
docs citations

71
times ranked

21750
citing authors

#	ARTICLE	IF	CITATIONS
1	Pembrolizumab for B-cell lymphomas relapsing after or refractory to CD19-directed CAR T-cell therapy. <i>Blood</i> , 2022, 139, 1026-1038.	1.4	67
2	Decade-long leukaemia remissions with persistence of CD4+ CAR T cells. <i>Nature</i> , 2022, 602, 503-509.	27.8	369
3	PSMA-targeting TGFÎ²-insensitive armored CAR T cells in metastatic castration-resistant prostate cancer: a phase 1 trial. <i>Nature Medicine</i> , 2022, 28, 724-734.	30.7	171
4	PD1 Expression in EGFRvIII-Directed CAR T Cell Infusion Product for Glioblastoma Is Associated with Clinical Response. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	10
5	Comprehensive Serum Proteome Profiling of Cytokine Release Syndrome and Immune Effector Cell-Associated Neurotoxicity Syndrome Patients with B-Cell ALL Receiving CAR T19. <i>Clinical Cancer Research</i> , 2022, 28, 3804-3813.	7.0	17
6	Autologous CD4+ T Lymphocytes Modified with a Tat-Dependent, Virus-Specific Endoribonuclease Gene in HIV-Infected Individuals. <i>Molecular Therapy</i> , 2021, 29, 626-635.	8.2	3
7	B cell maturation antigen chimeric antigen receptor cell expansion in a patient with myeloma following salvage programmed cell death protein 1 inhibitor-based combination therapy. <i>British Journal of Haematology</i> , 2021, 193, 851-855.	2.5	6
8	Antigen-independent activation enhances the efficacy of 4-1BB-costimulated CD22 CAR T cells. <i>Nature Medicine</i> , 2021, 27, 842-850.	30.7	88
9	CCR5-edited CD4+ T cells augment HIV-specific immunity to enable post-rebound control of HIV replication. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	52
10	Case Report: Prolonged Survival Following EGFRvIII CAR T Cell Treatment for Recurrent Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 669071.	2.8	34
11	BET bromodomain protein inhibition reverses chimeric antigen receptor extinction and reinvigorates exhausted T cells in chronic lymphocytic leukemia. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	45
12	The Safety of Bridging Radiation with Anti-BCMA CAR T-Cell Therapy for Multiple Myeloma. <i>Clinical Cancer Research</i> , 2021, 27, 6580-6590.	7.0	15
13	An NK-like CAR T cell transition in CAR T cell dysfunction. <i>Cell</i> , 2021, 184, 6081-6100.e26.	28.9	160
14	Optimizing Chimeric Antigen Receptor T-Cell Therapy for Adults With Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2020, 38, 415-422.	1.6	162
15	Stable HLA antibodies following sustained CD19+ cell depletion implicate a long-lived plasma cell source. <i>Blood Advances</i> , 2020, 4, 4292-4295.	5.2	9
16	Deep immune profiling of COVID-19 patients reveals distinct immunotypes with therapeutic implications. <i>Science</i> , 2020, 369, .	12.6	1,280
17	Dual Targeting of Mesothelin and CD19 with Chimeric Antigen Receptor-Modified T Cells in Patients with Metastatic Pancreatic Cancer. <i>Molecular Therapy</i> , 2020, 28, 2367-2378.	8.2	32
18	Diagnostic biomarkers to differentiate sepsis from cytokine release syndrome in critically ill children. <i>Blood Advances</i> , 2020, 4, 5174-5183.	5.2	30

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19	Transdifferentiation of lymphoma into sarcoma associated with profound reprogramming of the epigenome. <i>Blood</i> , 2020, 136, 1980-1983.	1.4	19
20	First Trial of CRISPR-Edited T cells in Lung Cancer. <i>Trends in Molecular Medicine</i> , 2020, 26, 713-715.	6.7	20
21	CRISPR-engineered T cells in patients with refractory cancer. <i>Science</i> , 2020, 367, .	12.6	872
22	Systemic Endothelial Activation Is Associated With Early Acute Respiratory Distress Syndrome in Children With Extrapulmonary Sepsis*. <i>Critical Care Medicine</i> , 2020, 48, 344-352.	0.9	20
23	Long-Term Outcomes From a Randomized Dose Optimization Study of Chimeric Antigen Receptor Modified T Cells in Relapsed Chronic Lymphocytic Leukemia. <i>Journal of Clinical Oncology</i> , 2020, 38, 2862-2871.	1.6	102
24	Establishing a model system for evaluating CAR T cell therapy using dogs with spontaneous diffuse large B cell lymphoma. <i>Oncoimmunology</i> , 2020, 9, 1676615.	4.6	33
25	Phase I Study of Lentiviral-Transduced Chimeric Antigen Receptor-Modified T Cells Recognizing Mesothelin in Advanced Solid Cancers. <i>Molecular Therapy</i> , 2019, 27, 1919-1929.	8.2	220
26	Serial treatment of relapsed/refractory multiple myeloma with different BCMA-targeting therapies. <i>Blood Advances</i> , 2019, 3, 2487-2490.	5.2	35
27	Engineered T Cell Therapies from a Drug Development Viewpoint. <i>Engineering</i> , 2019, 5, 140-149.	6.7	8
28	B cell maturation antigen-specific CAR T cells are clinically active in multiple myeloma. <i>Journal of Clinical Investigation</i> , 2019, 129, 2210-2221.	8.2	513
29	CD19-targeting CAR T cell immunotherapy outcomes correlate with genomic modification by vector integration. <i>Journal of Clinical Investigation</i> , 2019, 130, 673-685.	8.2	78
30	First-in-Human Assessment of Feasibility and Safety of Multiplexed Genetic Engineering of Autologous T Cells Expressing NY-ESO -1 TCR and CRISPR/Cas9 Gene Edited to Eliminate Endogenous TCR and PD-1 (NYCE T cells) in Advanced Multiple Myeloma (MM) and Sarcoma. <i>Blood</i> , 2019, 134, 49-49.	1.4	10
31	Combination Anti-Bcma and Anti-CD19 CAR T Cells As Consolidation of Response to Prior Therapy in Multiple Myeloma. <i>Blood</i> , 2019, 134, 1863-1863.	1.4	13
32	Determinants of response and resistance to CD19 chimeric antigen receptor (CAR) T cell therapy of chronic lymphocytic leukemia. <i>Nature Medicine</i> , 2018, 24, 563-571.	30.7	1,150
33	Biomarkers in chimeric antigen receptor T-cell therapy. <i>Biomarkers in Medicine</i> , 2018, 12, 415-418.	1.4	14
34	Activity of Mesothelin-Specific Chimeric Antigen Receptor T Cells Against Pancreatic Carcinoma Metastases in a Phase I Trial. <i>Gastroenterology</i> , 2018, 155, 29-32.	1.3	337
35	Retroviral and Lentiviral Safety Analysis of Gene-Modified T Cell Products and Infused HIV and Oncology Patients. <i>Molecular Therapy</i> , 2018, 26, 269-279.	8.2	90
36	Anti-CD19 CAR T cells with high-dose melphalan and autologous stem cell transplantation for refractory multiple myeloma. <i>JCI Insight</i> , 2018, 3, .	5.0	140

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37	CAR T Cell Therapy of Non-hematopoietic Malignancies: Detours on the Road to Clinical Success. <i>Frontiers in Immunology</i> , 2018, 9, 2740.	4.8	58
38	Long-term outcomes of a phase I study of agonist CD40 antibody and CTLA-4 blockade in patients with metastatic melanoma. <i>Oncolmmunology</i> , 2018, 7, e1468956.	4.6	88
39	Induction of resistance to chimeric antigen receptor T cell therapy by transduction of a single leukemic B cell. <i>Nature Medicine</i> , 2018, 24, 1499-1503.	30.7	459
40	Neurotoxicity after CTL019 in a pediatric and young adult cohort. <i>Annals of Neurology</i> , 2018, 84, 537-546.	5.3	82
41	Dominant-Negative TGF- β 2 Receptor Enhances PSMA-Targeted Human CAR T Cell Proliferation And Augments Prostate Cancer Eradication. <i>Molecular Therapy</i> , 2018, 26, 1855-1866.	8.2	406
42	Disruption of TET2 promotes the therapeutic efficacy of CD19-targeted T cells. <i>Nature</i> , 2018, 558, 307-312.	27.8	574
43	Enhancing CAR T cell persistence through ICOS and 4-1BB costimulation. <i>JCI Insight</i> , 2018, 3, .	5.0	412
44	Reducing <i>Ex Vivo</i> Culture Improves the Antileukemic Activity of Chimeric Antigen Receptor (CAR) T Cells. <i>Cancer Immunology Research</i> , 2018, 6, 1100-1109.	3.4	189
45	PD-1 blockade modulates chimeric antigen receptor (CAR)-modified T cells: refueling the CAR. <i>Blood</i> , 2017, 129, 1039-1041.	1.4	393
46	Cellular kinetics of CTL019 in relapsed/refractory B-cell acute lymphoblastic leukemia and chronic lymphocytic leukemia. <i>Blood</i> , 2017, 130, 2317-2325.	1.4	273
47	A single dose of peripherally infused EGFRvIII-directed CAR T cells mediates antigen loss and induces adaptive resistance in patients with recurrent glioblastoma. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	1,116
48	Chimeric Antigen Receptor T Cells in Refractory B-Cell Lymphomas. <i>New England Journal of Medicine</i> , 2017, 377, 2545-2554.	27.0	1,390
49	Safety and Efficacy of Intratumoral Injections of Chimeric Antigen Receptor (CAR) T Cells in Metastatic Breast Cancer. <i>Cancer Immunology Research</i> , 2017, 5, 1152-1161.	3.4	309
50	Supraphysiologic control over HIV-1 replication mediated by CD8 T cells expressing a re-engineered CD4-based chimeric antigen receptor. <i>PLoS Pathogens</i> , 2017, 13, e1006613.	4.7	106
51	Measuring IL-6 and sIL-6R in serum from patients treated with tocilizumab and/or siltuximab following CAR T cell therapy. <i>Journal of Immunological Methods</i> , 2016, 434, 1-8.	1.4	150
52	Identification of Predictive Biomarkers for Cytokine Release Syndrome after Chimeric Antigen Receptor T-cell Therapy for Acute Lymphoblastic Leukemia. <i>Cancer Discovery</i> , 2016, 6, 664-679.	9.4	811
53	Ibrutinib enhances chimeric antigen receptor T-cell engraftment and efficacy in leukemia. <i>Blood</i> , 2016, 127, 1117-1127.	1.4	381
54	Persistence of long-lived plasma cells and humoral immunity in individuals responding to CD19-directed CAR T-cell therapy. <i>Blood</i> , 2016, 128, 360-370.	1.4	190

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55	The Addition of the BTK Inhibitor Ibrutinib to Anti-CD19 Chimeric Antigen Receptor T Cells (CART19) Improves Responses against Mantle Cell Lymphoma. <i>Clinical Cancer Research</i> , 2016, 22, 2684-2696.	7.0	157
56	Biomarkers of Response to Anti-CD19 Chimeric Antigen Receptor (CAR) T-Cell Therapy in Patients with Chronic Lymphocytic Leukemia. <i>Blood</i> , 2016, 128, 57-57.	1.4	18
57	Posterior Reversible Encephalopathy Syndrome (PRES) after Infusion of Anti-Bcma CAR T Cells (CART-BCMA) for Multiple Myeloma: Successful Treatment with Cyclophosphamide. <i>Blood</i> , 2016, 128, 5702-5702.	1.4	31
58	Pilot Study of Anti-CD19 Chimeric Antigen Receptor T Cells (CTL019) in Conjunction with Salvage Autologous Stem Cell Transplantation for Advanced Multiple Myeloma. <i>Blood</i> , 2016, 128, 974-974.	1.4	28
59	Pilot study of T cells redirected to EGFRvIII with a chimeric antigen receptor in patients with EGFRvIII+ glioblastoma.. <i>Journal of Clinical Oncology</i> , 2016, 34, 2067-2067.	1.6	17
60	Sustained remissions with CD19-specific chimeric antigen receptor (CAR)-modified T cells in children with relapsed/refractory ALL.. <i>Journal of Clinical Oncology</i> , 2016, 34, 3011-3011.	1.6	98
61	IMCT-15PILOT STUDY OF T CELLS REDIRECTED TO EGFRvIII WITH A CHIMERIC ANTIGEN RECEPTOR IN PATIENTS WITH EGFRvIII+ GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2015, 17, v110.4-v111.	1.2	10
62	NY-ESO-1â€“specific TCRâ€“engineered T cells mediate sustained antigen-specific antitumor effects in myeloma. <i>Nature Medicine</i> , 2015, 21, 914-921.	30.7	728
63	Chimeric antigen receptor T cells persist and induce sustained remissions in relapsed refractory chronic lymphocytic leukemia. <i>Science Translational Medicine</i> , 2015, 7, 303ra139.	12.4	1,402
64	Convergence of Acquired Mutations and Alternative Splicing of <i>CD19</i> Enables Resistance to CART-19 Immunotherapy. <i>Cancer Discovery</i> , 2015, 5, 1282-1295.	9.4	997
65	Chimeric Antigen Receptor T Cells against CD19 for Multiple Myeloma. <i>New England Journal of Medicine</i> , 2015, 373, 1040-1047.	27.0	511
66	Chimeric Antigen Receptor T Cells for Sustained Remissions in Leukemia. <i>New England Journal of Medicine</i> , 2014, 371, 1507-1517.	27.0	4,444
67	Biomarkers in T-cell therapy clinical trials. <i>Cytotherapy</i> , 2013, 15, 632-640.	0.7	7