## Saad S Kenderian

List of Publications by Year in descending order

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Version: 2024-02-01

117	4,233	27	61
papers	citations	h-index	g-index
119	119	119	5551 citing authors
all docs	docs citations	times ranked	

#	Article	IF	Citations
1	Human chimeric antigen receptor macrophages for cancer immunotherapy. Nature Biotechnology, 2020, 38, 947-953.	17.5	692
2	Dual CD19 and CD123 targeting prevents antigen-loss relapses after CD19-directed immunotherapies. Journal of Clinical Investigation, 2016, 126, 3814-3826.	8.2	472
3	GM-CSF inhibition reduces cytokine release syndrome and neuroinflammation but enhances CAR-T cell function in xenografts. Blood, 2019, 133, 697-709.	1.4	408
4	Genetic Inactivation of CD33 in Hematopoietic Stem Cells to Enable CAR T Cell Immunotherapy for Acute Myeloid Leukemia. Cell, 2018, 173, 1439-1453.e19.	28.9	323
5	The Addition of the BTK Inhibitor Ibrutinib to Anti-CD19 Chimeric Antigen Receptor T Cells (CART19) Improves Responses against Mantle Cell Lymphoma. Clinical Cancer Research, 2016, 22, 2684-2696.	7.0	157
6	Overcoming the Immunosuppressive Tumor Microenvironment of Hodgkin Lymphoma Using Chimeric Antigen Receptor T Cells. Cancer Discovery, 2017, 7, 1154-1167.	9.4	149
7	Optimized depletion of chimeric antigen receptor T cells in murine xenograft models of human acute myeloid leukemia. Blood, 2017, 129, 2395-2407.	1.4	148
8	Neurotoxicity and Cytokine Release Syndrome After Chimeric Antigen Receptor T Cell Therapy: Insights Into Mechanisms and Novel Therapies. Frontiers in Immunology, 2020, 11, 1973.	4.8	148
9	Next-Generation Chimeric Antigen Receptor T-Cell Therapy: Going off the Shelf. BioDrugs, 2017, 31, 473-481.	4.6	105
10	Clinical utilization of Chimeric Antigen Receptor T-cells (CAR-T) in B-cell acute lymphoblastic leukemia (ALL)–an expert opinion from the European Society for Blood and Marrow Transplantation (EBMT) and the American Society for Blood and Marrow Transplantation (ASBMT). Bone Marrow Transplantation, 2019, 54, 1868-1880.	2.4	86
11	Clinical Utilization of Chimeric Antigen Receptor T Cells in B Cell Acute Lymphoblastic Leukemia: An Expert Opinion from the European Society for Blood and Marrow Transplantation and the American Society for Transplantation and Cellular Therapy. Biology of Blood and Marrow Transplantation, 2019, 25, e76-e85.	2.0	85
12	Anti-CD19 chimeric antigen receptor T-cell therapy in acute lymphocytic leukaemia: a systematic review and meta-analysis. Lancet Haematology,the, 2020, 7, e816-e826.	4.6	84
13	GM-CSF Neutralization With Lenzilumab in Severe COVID-19 Pneumonia. Mayo Clinic Proceedings, 2020, 95, 2382-2394.	3.0	77
14	Chimeric Antigen Receptor T Cells and Hematopoietic Cell Transplantation: How Not to Put the CART Before the Horse. Biology of Blood and Marrow Transplantation, 2017, 23, 235-246.	2.0	76
15	Clinical characteristics and outcomes of Richter transformation: experience of 204 patients from a single center. Haematologica, 2020, 105, 765-773.	3.5	64
16	CAR TÂcell therapy and the tumor microenvironment: Current challenges and opportunities. Molecular Therapy - Oncolytics, 2022, 25, 69-77.	4.4	60
17	Large B-cell transformation in nodular lymphocyte-predominant Hodgkin lymphoma: 40-year experience from a single institution. Blood, 2016, 127, 1960-1966.	1.4	56
18	Targeting cancer-associated fibroblasts in the bone marrow prevents resistance to CART-cell therapy inÂmultiple myeloma. Blood, 2022, 139, 3708-3721.	1.4	53

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19	Management of cytokine release syndrome: an update on emerging antigen-specific T cell engaging immunotherapies. Immunotherapy, 2019, 11, 851-857.	2.0	48
20	CD19 chimeric antigen receptor-T cells in B-cell leukemia and lymphoma: current status and perspectives. Leukemia, 2019, 33, 2767-2778.	7.2	47
21	Leukemic extracellular vesicles induce chimeric antigen receptor TÂcell dysfunction in chronic lymphocytic leukemia. Molecular Therapy, 2021, 29, 1529-1540.	8.2	43
22	Rapid disease progression following discontinuation of ibrutinib in patients with chronic lymphocytic leukemia treated in routine clinical practice. Leukemia and Lymphoma, 2019, 60, 2712-2719.	1.3	42
23	Autoimmune cytopenias in patients with chronic lymphocytic leukaemia treated with ibrutinib in routine clinical practice at an academic medical centre. British Journal of Haematology, 2018, 183, 421-427.	2.5	37
24	The impact of dose modification and temporary interruption of ibrutinib on outcomes of chronic lymphocytic leukemia patients in routine clinical practice. Cancer Medicine, 2020, 9, 3390-3399.	2.8	36
25	Pharmacovigilance during ibrutinib therapy for chronic lymphocytic leukemia (CLL)/small lymphocytic lymphoma (SLL) in routine clinical practice. Leukemia and Lymphoma, 2017, 58, 1376-1383.	1.3	33
26	Atrial fibrillation in patients with chronic lymphocytic leukemia (CLL) treated with ibrutinib: risk prediction, management, and clinical outcomes. Annals of Hematology, 2021, 100, 143-155.	1.8	32
27	Ruxolitinib Prevents Cytokine Release Syndrome after CART Cell Therapy without Impairing the Anti-Tumor Effect in a Xenograft Model. Blood, 2016, 128, 652-652.	1.4	31
28	Bone marrow findings of the newly described TEMPI syndrome: when erythrocytosis and plasma cell dyscrasia coexist. Modern Pathology, 2015, 28, 367-372.	5.5	30
29	Identification of PD1 and TIM3 As Checkpoints That Limit Chimeric Antigen Receptor T Cell Efficacy in Leukemia. Biology of Blood and Marrow Transplantation, 2016, 22, S19-S21.	2.0	26
30	Using CRISPR/Cas9 to Knock Out GM-CSF in CAR-T Cells. Journal of Visualized Experiments, 2019, , .	0.3	24
31	The Microbiome and Immune Regulation After Transplantation. Transplantation, 2017, 101, 56-62.	1.0	22
32	<i>IGH</i> translocations in chronic lymphocytic leukemia: Clinicopathologic features and clinical outcomes. American Journal of Hematology, 2019, 94, 338-345.	4.1	19
33	Characteristics of late transplantâ€associated thrombotic microangiopathy in patients who underwent allogeneic hematopoietic stem cell transplantation. American Journal of Hematology, 2020, 95, 1170-1179.	4.1	19
34	CART Cell Toxicities: New Insight into Mechanisms and Management. Clinical Hematology International, 2020, 2, 149.	1.7	19
35	Novel Therapeutic Strategies in Acute Lymphoblastic Leukemia. Current Hematologic Malignancy Reports, 2016, 11, 253-264.	2.3	17
36	Ruxolitinib Prevents Cytokine Release Syndrome after Car T-Cell Therapy Without Impairing the Anti-Tumor Effect in a Xenograft Model. Biology of Blood and Marrow Transplantation, 2017, 23, S19-S20.	2.0	17

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37	CAR T-cell therapy for the management of refractory/relapsed high-grade B-cell lymphoma: a practical overview. Bone Marrow Transplantation, 2020, 55, 1525-1532.	2.4	17
38	The role of 18F-FDG-PET in detecting Richter's transformation of chronic lymphocytic leukemia in patients receiving therapy with a B-cell receptor inhibitor. Haematologica, 2020, 105, 2675-2678.	3.5	17
39	Resistance to CART cell therapy: lessons learned from the treatment of hematological malignancies. Leukemia and Lymphoma, 2021, 62, 2052-2063.	1.3	16
40	Outcomes of a large cohort of individuals with clinically ascertained high-count monoclonal B-cell lymphocytosis. Haematologica, 2018, 103, e237-e240.	3.5	15
41	Disease Flare During Temporary Interruption of Ibrutinib Therapy in Patients with Chronic Lymphocytic Leukemia. Oncologist, 2020, 25, 974-980.	3.7	15
42	Incidence and risk of tumor lysis syndrome in patients with relapsed chronic lymphocytic leukemia (CLL) treated with venetoclax in routine clinical practice. Leukemia and Lymphoma, 2020, 61, 2383-2388.	1.3	15
43	Myeloid cell and cytokine interactions with chimeric antigen receptor-T-cell therapy: implication for future therapies. Current Opinion in Hematology, 2020, 27, 41-48.	2.5	14
44	A Concise Review of Neurologic Complications Associated with Chimeric Antigen Receptor T-cell Immunotherapy. Neurologic Clinics, 2020, 38, 953-963.	1.8	14
45	InÂvivo CART cell imaging: Paving the way for success in CART cell therapy. Molecular Therapy - Oncolytics, 2021, 20, 625-633.	4.4	14
46	Distinct immune signatures in chronic lymphocytic leukemia and Richter syndrome. Blood Cancer Journal, 2021, 11, 86.	6.2	14
47	Development of a Clinically Relevant Reporter for Chimeric Antigen Receptor T-cell Expansion, Trafficking, and Toxicity. Cancer Immunology Research, 2021, 9, 1035-1046.	3.4	14
48	Efficient Termination of CD123-Redirected Chimeric Antigen Receptor T Cells for Acute Myeloid Leukemia to Mitigate Toxicity. Blood, 2015, 126, 565-565.	1.4	14
49	Liver dysfunction in chronic lymphocytic leukemia: Prevalence, outcomes, and pathological findings. American Journal of Hematology, 2017, 92, 1362-1369.	4.1	13
50	Identification of PD1 and TIM3 As Checkpoints That Limit Chimeric Antigen Receptor T Cell Efficacy in Leukemia. Blood, 2015, 126, 852-852.	1.4	13
51	Humoral and cellular immune responses to recombinant herpes zoster vaccine in patients with chronic lymphocytic leukemia and monoclonal B cell lymphocytosis. American Journal of Hematology, 2022, 97, 90-98.	4.1	13
52	Targeting Cancer Associated Fibroblasts in the Bone Marrow Prevents Resistance to Chimeric Antigen Receptor T Cell Therapy in Multiple Myeloma. Blood, 2019, 134, 865-865.	1.4	12
53	GM-CSF disruption in CART cells modulates T cell activation and enhances CART cell anti-tumor activity. Leukemia, 2022, 36, 1635-1645.	7.2	12
54	Racial and Sex Differences in Presentation and Outcomes of Small Cell Lung Cancer in the United States: 1973 to 2010. Chest, 2015, 147, e164-e165.	0.8	11

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55	A Graduate-Level Interdisciplinary Curriculum in CAR-T Cell Therapy. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 203-210.	2.4	10
56	CRISPR Takes the Front Seat in CART-Cell Development. BioDrugs, 2021, 35, 113-124.	4.6	10
57	Addition of venetoclax at time of progression in ibrutinibâ€treated patients with chronic lymphocytic leukemia: Combination therapy to prevent ibrutinib flare. American Journal of Hematology, 2020, 95, E57-E60.	4.1	9
58	Leukemia Stem Cells Are Characterized By CLEC12A Expression and Chemotherapy Refractoriness That Can be Overcome By Targeting with Chimeric Antigen Receptor T Cells. Blood, 2016, 128, 766-766.	1.4	9
59	Chronic lymphocytic leukemia (CLL) with Reed–Sternberg-like cells vs Classic Hodgkin lymphoma transformation of CLL: does this distinction matter?. Blood Cancer Journal, 2022, 12, 18.	6.2	9
60	Challenges of chimeric antigen receptor T-cell therapy in chronic lymphocytic leukemia: lessons learned. Experimental Hematology, 2022, 108, 1-7.	0.4	9
61	Combined ibrutinib and venetoclax for treatment of patients with ibrutinibâ€resistant or doubleâ€refractory chronic lymphocytic leukaemia. British Journal of Haematology, 2022, 199, 239-244.	2.5	9
62	Generating and Expanding Autologous Chimeric Antigen Receptor T Cells from Patients with Acute Myeloid Leukemia. Methods in Molecular Biology, 2017, 1633, 267-276.	0.9	8
63	ZUMA-19: A Phase 1/2 Multicenter Study of Lenzilumab Use With Axicabtagene Ciloleucel (Axi-Cel) in Patients (Pts) With Relapsed or Refractory Large B Cell Lymphoma (R/R LBCL). Blood, 2020, 136, 6-7.	1.4	8
64	Venetoclax treatment of patients with relapsed T-cell prolymphocytic leukemia. Blood Cancer Journal, 2021, 11, 47.	6.2	7
65	Combination of Anti-CD123 and Anti-CD19 Chimeric Antigen Receptor T Cells for the Treatment and Prevention of Antigen-Loss Relapses Occurring after CD19-Targeted Immunotherapies. Blood, 2015, 126, 2523-2523.	1.4	7
66	Use of Artificial Intelligence Electrocardiography to Predict Atrial Fibrillation (AF) in Patients with Chronic Lymphocytic Leukemia (CLL). Blood, 2020, 136, 50-51.	1.4	7
67	Cause of death in patients with newly diagnosed chronic lymphocytic leukemia (CLL) stratified by the CLL-International Prognostic Index. Blood Cancer Journal, 2021, 11, 140.	6.2	6
68	Peak Lymphocyte Count after CAR T Infusion Is a Clinically Accessible Test That Correlates with Clinical Response in Axicabtagene Ciloleucel Therapy for Lymphoma. Blood, 2019, 134, 4106-4106.	1.4	6
69	Improved Anti-Tumor Response of Chimeric Antigen Receptor T Cell (CART) Therapy after GM-CSF Inhibition Is Mechanistically Supported By a Novel Direct Interaction of GM-CSF with Activated Carts. Blood, 2019, 134, 3868-3868.	1.4	6
70	Efficient Gene Editing of CART Cells with CRISPR-Cas12a for Enhanced Antitumor Efficacy. Blood, 2020, 136, 6-7.	1.4	6
71	Acute seizures and status epilepticus in immune effector cell associated neurotoxicity syndrome (ICANS). Blood Cancer Journal, 2022, 12, 62.	6.2	6
72	CD33 Directed Chimeric Antigen Receptor T Cell Therapy As a Novel Preparative Regimen Prior to Allogeneic Stem Cell Transplantation in Acute Myeloid Leukemia. Biology of Blood and Marrow Transplantation, 2015, 21, S25-S26.	2.0	5

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73	Human Cancers Express TRAILshort, a Dominant Negative TRAIL Splice Variant, Which Impairs Immune Effector Cell Killing of Tumor Cells. Clinical Cancer Research, 2020, 26, 5759-5771.	7.0	5
74	273. Genome Editing Using CRISPR-Cas9 to Increase the Therapeutic Index of Antigen-Specific Immunotherapy in Acute Myeloid Leukemia. Molecular Therapy, 2016, 24, S108.	8.2	4
75	Clinical spectrum and clonal evolution in germline syndromes with predisposition to myeloid neoplasms. British Journal of Haematology, 2018, 182, 141-145.	2.5	4
76	Methods to Assess Disease Activity and Severity in Cutaneous Chronic Graft-versus-Host Disease: A Critical Literature Review. Transplantation and Cellular Therapy, 2021, 27, 738-746.	1.2	4
77	Pilot Implementation of Remote Patient Monitoring Program for Outpatient Management of CAR-T Cell Therapy. Blood, 2021, 138, 568-568.	1.4	4
78	Hemolytic Uremic Syndrome Associated With Escherichia coli O157 Infection in an Allogenic Stem Cell Transplant Recipient. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2018, 2, 387-391.	2.4	3
79	Chimeric Antigen Receptor Tâ€Cells: Successful Translation of the First Cell and Gene Therapy From Bench to Bedside. Clinical and Translational Science, 2018, 11, 537-539.	3.1	3
80	A Randomized Phase 2 Study Comparing Acalabrutinib with or without Obinutuzumab in the Treatment of Early Stage High Risk Patients with Chronic Lymphocytic Leukemia (CLL) or Small Lymphocytic Lymphoma (SLL). Blood, 2019, 134, 4306-4306.	1.4	3
81	BTK and/or PLCG2 Mutations in Patients with Chronic Lymphocytic Leukemia (CLL) Treated with Ibrutinib: Characteristics and Outcomes at the Time of Progression. Blood, 2019, 134, 3050-3050.	1.4	3
82	Engineering Resistance to Antigen-Specific Immunotherapy in Normal Hematopoietic Stem Cells By Gene Editing to Enable Targeting of Acute Myeloid Leukemia. Blood, 2016, 128, 1000-1000.	1.4	3
83	Treatment of leukemia antigen-loss relapses occurring after CD19-targeted immunotherapies by combination of anti-CD123 and anti-CD19 chimeric antigen receptor T cells. , 2015, 3, .		2
84	Development of a Sensitive and Efficient Reporter Platform for the Detection of Chimeric Antigen Receptor T Cell Expansion, Trafficking, and Toxicity. Blood, 2019, 134, 53-53.	1.4	2
85	PD-1 Overexpression in Richter's Transformation (RT) and Aggressive Chronic Lymphocytic Leukemia (CLL) after Progression on Ibrutinib Increases Bcl-2 Expression Via Akt/mTOR Pathway. Blood, 2018, 132, 586-586.	1.4	2
86	Differential transcriptomic profiling in ibrutinibâ€naÃ⁻ve versus ibrutinibâ€resistant Richter syndrome. Hematological Oncology, 2022, 40, 302-306.	1.7	2
87	Baseline immune dysregulation in autologous stem cell transplant recipients is associated with a â€~graft versus host'-like syndrome and poor outcomes. Bone Marrow Transplantation, 2020, 55, 1879-1881.	2.4	1
88	Targeting Cancer Associated Fibroblasts in the Bone Marrow Prevents Resistance to Chimeric Antigen Receptor T Cell Therapy in Multiple Myeloma. Biology of Blood and Marrow Transplantation, 2020, 26, S224.	2.0	1
89	Upregulation of AXL and $\hat{l}^2$ -catenin in chronic lymphocytic leukemia cells cultured with bone marrow stroma cells is associated with enhanced drug resistance. Blood Cancer Journal, 2021, 11, 37.	6.2	1
90	In Reply â€" Clinical Benefit of Lenzilumab in Cases of Coronavirus Disease 2019. Mayo Clinic Proceedings, 2021, 96, 817-818.	3.0	1

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91	The prognostic significance of <scp>del6q23</scp> in chronic lymphocytic leukemia. American Journal of Hematology, 2021, 96, E203-E206.	4.1	1
92	Circulating Extracellular Vesicles Induce Chimeric Antigen Receptor T Cell Dysfunction in Chronic Lymphocytic Leukemia (CLL). Blood, 2019, 134, 679-679.	1.4	1
93	Venetoclax Has Modest Efficacy in the Treatment of Patients with Relapsed T-Cell Prolymphocytic Leukemia. Blood, 2020, 136, 39-40.	1.4	1
94	TNFR2 As a Target to Improve CD19-Directed CART Cell Fitness and Antitumor Activity in Large B Cell Lymphoma. Blood, 2021, 138, 901-901.	1.4	1
95	Vesicular Stomatitis Virus (VSV) Engineered to Express CD19 Stimulates Anti-CD19 Chimeric Antigen Receptor Modified T Cells and Promotes Their Anti-Tumor Effects. Blood, 2020, 136, 30-31.	1.4	1
96	Central Nervous System (CNS) Involvement of Richter Transformation: A Single Center Experience. Blood, 2020, 136, 3-4.	1.4	1
97	Distinct Gene Expression Signatures in Patients with Richter's Syndrome and Chronic Lymphocytic Leukemia with Prior Exposure to Ibrutinib. Blood, 2020, 136, 30-31.	1.4	1
98	Genomic Profiling Reveals Molecular Heterogeneity in Patients with Richter's Syndrome (RS) and Progressive Chronic Lymphocytic Leukemia (CLL). Blood, 2020, 136, 16-17.	1.4	1
99	Immunogenicity of a Recombinant Herpes Zoster Vaccine in Patients with Chronic Lymphocytic Leukemia. Blood, 2020, 136, 49-50.	1.4	1
100	Serum B-Cell maturation antigen is an independent prognostic marker in previously untreated chronic lymphocytic leukemia. Experimental Hematology, 2022, 111, 32-40.	0.4	1
101	Abstract 3139: CD33 directed chimeric antigen receptor T cell therapy as a novel regimen prior to allogeneic stem cell transplantation in acute myeloid leukemia., 2015,,.		0
102	Liver Dysfunction in Previously Untreated Chronic Lymphocytic Leukemia: Prevalence and Outcomes in a Large Cohort. Blood, 2016, 128, 5585-5585.	1.4	0
103	Clinical Spectrum of Germline Mutations with Predisposition to Myeloid Neoplasms- 2016 World Health Organization Classification Update. Blood, 2016, 128, 300-300.	1.4	0
104	Clinically Ascertained Monoclonal B-Cell Lymphocytosis: Risk of Progression to Chronic Lymphocytic Leukemia Requiring Therapy and Outcomes. Blood, 2016, 128, 3228-3228.	1.4	0
105	Clinical Characteristics and Outcomes of Chronic Lymphocytic Leukemia Patients with Richter Transformation. Blood, 2018, 132, 1857-1857.	1.4	0
106	Characteristics of Patients with Relapsed/Refractory Burkitt Non-Hodgkin Lymphoma (NHL): Impact on the Feasibility of CAR-T Cell Therapy. Blood, 2019, 134, 5352-5352.	1.4	0
107	Risks and Benefits of Bronchoscopy during the First 100 Days Following Allogeneic Hematopoietic Cell Transplantation. Blood, 2019, 134, 4500-4500.	1.4	0
108	The Role of Imaging in Predicting Time to First Treatment and Overall Survival in Individuals with CLL-like High Count Monoclonal B-Cell Lymphocytosis. Blood, 2019, 134, 3037-3037.	1.4	0

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109	Survival Outcomes Following Allogeneic Stem Cell Transplantation for Inherited Bone Marrow Failure and Myeloid Germline Predisposition Syndromes. Blood, 2019, 134, 3300-3300.	1.4	0
110	A Phase 2/3 Randomized, Placebo-Controlled, Open-Label, Multi-Center Trial of Lenzilumab to Improve the Safety and Efficacy of CAR-T Cell Therapy in Adults with Relapsed or Refractory Large B-Cell Lymphoma (The SHIELD Study). Blood, 2021, 138, 1758-1758.	1.4	0
111	Outcomes of Patients with Chronic Lymphocytic Leukemia (CLL) Treated with the Combination of Ibrutinib (I) and Venetoclax (V; I+V) after Progression on I Alone (V-naÃ-ve) or after Progression on Sequential I and V (Double-Refractory). Blood, 2021, 138, 1560-1560.	1.4	0
112	Clinical Characteristics and Outcomes of Newly Diagnosed Patients with Chronic Lymphocytic Leukemia Who Are 80 Years of Age or Older. Blood, 2020, 136, 26-27.	1.4	0
113	Identification of a Novel Role for PD-1 Signaling in Promotion Tumor Proliferation in B-Cell Lymphoma. Blood, 2020, 136, 10-12.	1.4	0
114	Axl-RTK Inhibition Modulates Monocyte Immune Response to Enhance the Anti-Tumor Effects of CD19 Redirected Chimeric Antigen Receptor T Cells in Preclinical Models. Blood, 2020, 136, 28-29.	1.4	0
115	Impact of Deletion6q23 Identified By FISH in Patients with Chronic Lymphocytic Leukemia. Blood, 2020, 136, 12-13.	1.4	0
116	Targeting Aberrant Chromatin in Chronic Lymphocytic Leukemia. Blood, 2020, 136, 1-1.	1.4	0
117	Dynamic Imaging of Chimeric Antigen Receptor T Cells with [ <sup>18</sup> F]Tetrafluoroborate Positron Emission Tomography/Computed Tomography. Journal of Visualized Experiments, 2022, , .	0.3	O