

Low and variable tumor reactivity of the intratumoral T

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Development of a Human Cytomegalovirus (HCMV)-Based Therapeutic Cancer Vaccine Uncovers a Previously Unsuspected Viral Block of MHC Class I Antigen Presentation. <i>Frontiers in Immunology</i> , 2019, 10, 1776.	2.2	15
2	T cell receptor-based cancer immunotherapy: Emerging efficacy and pathways of resistance. <i>Immunological Reviews</i> , 2019, 290, 127-147.	2.8	180
3	Advancing cancer immunotherapy: a vision for the field. <i>Genome Medicine</i> , 2019, 11, 51.	3.6	12
4	Clonal replacement of tumor-specific T cells following PD-1 blockade. <i>Nature Medicine</i> , 2019, 25, 1251-1259.	15.2	974
5	Single-Cell High-Throughput Technologies in Cerebrospinal Fluid Research and Diagnostics. <i>Frontiers in Immunology</i> , 2019, 10, 1302.	2.2	12
6	Pediatric patients with acute lymphoblastic leukemia generate abundant and functional neoantigen-specific CD8 ⁺ T cell responses. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	66
7	Mild photothermal therapy potentiates anti-PD-L1 treatment for immunologically cold tumors via an all-in-one and all-in-control strategy. <i>Nature Communications</i> , 2019, 10, 4871.	5.8	377
8	An innate-like V γ 1 ⁺ T cell compartment in the human breast is associated with remission in triple-negative breast cancer. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	110
9	Immune checkpoint inhibitors for the treatment of MSI-H/MMR-D colorectal cancer and a perspective on resistance mechanisms. <i>British Journal of Cancer</i> , 2019, 121, 809-818.	2.9	232
10	Is There a Place for Immunotherapy for Metastatic Microsatellite Stable Colorectal Cancer?. <i>Frontiers in Immunology</i> , 2019, 10, 1816.	2.2	52
11	Improving cancer immunotherapy through nanotechnology. <i>Nature Reviews Cancer</i> , 2019, 19, 587-602.	12.8	426
12	Isolation of T cell receptor specifically reactive with autologous tumour cells from tumour-infiltrating lymphocytes and construction of T cell receptor engineered T cells for esophageal squamous cell carcinoma. , 2019, 7, 232.		20
13	Recruit or Reboot? How Does Anti-PD-1 Therapy Change Tumor-Infiltrating Lymphocytes?. <i>Cancer Cell</i> , 2019, 36, 215-217.	7.7	29
14	Defining "T cell exhaustion"™. <i>Nature Reviews Immunology</i> , 2019, 19, 665-674.	10.6	879
15	Spatial heterogeneity of the T cell receptor repertoire reflects the mutational landscape in lung cancer. <i>Nature Medicine</i> , 2019, 25, 1549-1559.	15.2	147
16	Virus-specific memory T cells populate tumors and can be repurposed for tumor immunotherapy. <i>Nature Communications</i> , 2019, 10, 567.	5.8	193
17	Rebalancing Protein Homeostasis Enhances Tumor Antigen Presentation. <i>Clinical Cancer Research</i> , 2019, 25, 6392-6405.	3.2	37
18	Determinants for Neoantigen Identification. <i>Frontiers in Immunology</i> , 2019, 10, 1392.	2.2	99

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19	Heterogeneity and fate choice: T cell exhaustion in cancer and chronic infections. <i>Current Opinion in Immunology</i> , 2019, 58, 98-103.	2.4	83
20	Colorectal cancer: A paradigmatic model for cancer immunology and immunotherapy. <i>Molecular Aspects of Medicine</i> , 2019, 69, 123-129.	2.7	30
21	β-Catenin Activation Promotes Immune Escape and Resistance to Anti-PD-1 Therapy in Hepatocellular Carcinoma. <i>Cancer Discovery</i> , 2019, 9, 1124-1141.	7.7	498
22	Tertiary lymphoid structures in the era of cancer immunotherapy. <i>Nature Reviews Cancer</i> , 2019, 19, 307-325.	12.8	879
23	Immunogenic neoantigens derived from gene fusions stimulate T cell responses. <i>Nature Medicine</i> , 2019, 25, 767-775.	15.2	282
24	Function of Human Tumor-Infiltrating Lymphocytes in Early-Stage Non-Small Cell Lung Cancer. <i>Cancer Immunology Research</i> , 2019, 7, 896-909.	1.6	64
25	Clinically Relevant Immune Responses against Cytomegalovirus: Implications for Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1986.	1.8	6
26	Applications of molecular engineering in cell-based immunotherapies. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1557.	3.3	6
27	Localization-associated immune phenotypes of clonally expanded tumor-infiltrating T cells and distribution of their target antigens in rectal cancer. <i>Oncoimmunology</i> , 2019, 8, e1586409.	2.1	20
28	Going Beyond the Sequences: TCR Binding Patterns at the Service of Cancer Detection. <i>Cancer Research</i> , 2019, 79, 1299-1301.	0.4	4
29	Cellular crosstalk mediating immune evasion in pancreatic cancer microenvironment. <i>Annals of Pancreatic Cancer</i> , 0, 2, 13-13.	1.2	0
30	Differences in Tumor Microenvironment Dictate T Helper Lineage Polarization and Response to Immune Checkpoint Therapy. <i>Cell</i> , 2019, 179, 1177-1190.e13.	13.5	259
31	Immunological ignorance is an enabling feature of the oligo-clonal T cell response to melanoma neoantigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23662-23670.	3.3	40
32	Neoantigen-specific immunity in low mutation burden colorectal cancers of the consensus molecular subtype 4. <i>Genome Medicine</i> , 2019, 11, 87.	3.6	44
33	Imaging-based Biomarkers for Predicting and Evaluating Cancer Immunotherapy Response. <i>Radiology Imaging Cancer</i> , 2019, 1, e190031.	0.7	22
34	T-cell Receptors Engineered <i>De Novo</i> for Peptide Specificity Can Mediate Optimal T-cell Activity without Self Cross-Reactivity. <i>Cancer Immunology Research</i> , 2019, 7, 2025-2035.	1.6	10
35	One-step artificial antigen presenting cell-based vaccines induce potent effector CD8 T cell responses. <i>Scientific Reports</i> , 2019, 9, 18949.	1.6	10
36	The activation of bystander CD8+ T cells and their roles in viral infection. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-9.	3.2	100

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37	Clonal replacement of novel T cells: a new phenomenon in the tumor microenvironment following PD-1 blockade. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 43.	7.1	11
38	Harnessing innate immunity in cancer therapy. <i>Nature</i> , 2019, 574, 45-56.	13.7	533
39	Developing neoantigen-targeted T cell-based treatments for solid tumors. <i>Nature Medicine</i> , 2019, 25, 1488-1499.	15.2	173
40	T-Cell Receptor-Based Immunotherapy for Hematologic Malignancies. <i>Cancer Journal (Sudbury, Mass)</i> , 2019, 25, 179-190.	1.0	28
41	Dysfunctional CD8 T Cells Form a Proliferative, Dynamically Regulated Compartment within Human Melanoma. <i>Cell</i> , 2019, 176, 775-789.e18.	13.5	760
42	A Distinct Pretreatment Immune Gene Signature in Lentigo Maligna Is Associated with Imiquimod Response. <i>Journal of Investigative Dermatology</i> , 2020, 140, 869-877.e16.	0.3	15
43	Clonality, Antigen Recognition, and Suppression of CD8+ T Cells Differentially Affect Prognosis of Breast Cancer Subtypes. <i>Clinical Cancer Research</i> , 2020, 26, 505-517.	3.2	26
44	Distinct epigenetic features of tumor-reactive CD8+ T cells in colorectal cancer patients revealed by genome-wide DNA methylation analysis. <i>Genome Biology</i> , 2020, 21, 2.	3.8	77
45	Tumor organoid-T-cell coculture systems. <i>Nature Protocols</i> , 2020, 15, 15-39.	5.5	189
46	Using single-cell technologies to map the human immune system – implications for nephrology. <i>Nature Reviews Nephrology</i> , 2020, 16, 112-128.	4.1	39
47	Immune profiling before treatment is predictive of TLR9-induced antitumor efficacy. <i>Biomaterials</i> , 2020, 263, 120379.	5.7	0
48	Detecting Tumor Antigen-Specific T Cells via Interaction-Dependent Fucosyl-Biotinylation. <i>Cell</i> , 2020, 183, 1117-1133.e19.	13.5	66
49	Qualitative Analysis of Tumor-Infiltrating Lymphocytes across Human Tumor Types Reveals a Higher Proportion of Bystander CD8+ T Cells in Non-Melanoma Cancers Compared to Melanoma. <i>Cancers</i> , 2020, 12, 3344.	1.7	19
50	Investigation of the prognostic value of CD4 T cell subsets expanded from tumor-infiltrating lymphocytes of colorectal cancer liver metastases. , 2020, 8, e001478.		22
51	Cellular and gene signatures of tumor-infiltrating dendritic cells and natural-killer cells predict prognosis of neuroblastoma. <i>Nature Communications</i> , 2020, 11, 5992.	5.8	87
52	Applications of Single-Cell Omics to Dissect Tumor Microenvironment. <i>Frontiers in Genetics</i> , 2020, 11, 548719.	1.1	18
53	A T-cell reporter platform for high-throughput and reliable investigation of TCR function and biology. <i>Clinical and Translational Immunology</i> , 2020, 9, e1216.	1.7	15
54	SITC cancer immunotherapy resource document: a compass in the land of biomarker discovery. , 2020, 8, e000705.		20

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55	Antitumour dendritic cell vaccination in a priming and boosting approach. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 635-652.	21.5	148
56	CD39 Identifies the CD4+ Tumor-Specific T-cell Population in Human Cancer. <i>Cancer Immunology Research</i> , 2020, 8, 1311-1321.	1.6	84
57	P2X7 Receptor Activity Limits Accumulation of T Cells within Tumors. <i>Cancer Research</i> , 2020, 80, 3906-3919.	0.4	36
58	Comparison of a Novel Bisphosphonate Prodrug and Zoledronic Acid in the Induction of Cytotoxicity in Human V β 2V α 2 T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1405.	2.2	16
59	Potential and unsolved problems of anti-PD-1/PD-L1 therapy combined with radiotherapy. <i>Tumori</i> , 2020, 107, 030089162094038.	0.6	8
60	Resident Memory T Cells in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1273, 39-68.	0.8	3
61	Helpless Priming Sends CD8+ T Cells on the Road to Exhaustion. <i>Frontiers in Immunology</i> , 2020, 11, 592569.	2.2	25
62	Profound Functional Suppression of Tumor-Infiltrating T-Cells in Ovarian Cancer Patients Can Be Reversed Using PD-1-Blocking Antibodies or DARPin [®] Proteins. <i>Journal of Immunology Research</i> , 2020, 2020, 1-12.	0.9	8
63	Breaking Bottlenecks for the TCR Therapy of Cancer. <i>Cells</i> , 2020, 9, 2095.	1.8	35
64	TCR Redirected T Cells for Cancer Treatment: Achievements, Hurdles, and Goals. <i>Frontiers in Immunology</i> , 2020, 11, 1689.	2.2	63
65	Enhancing KDM5A and TLR activity improves the response to immune checkpoint blockade. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	34
66	De novo prediction of cancer-associated T cell receptors for noninvasive cancer detection. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	59
67	Platelets are recruited to hepatocellular carcinoma tissues in a CX3CL1 \rightarrow CX3CR1 dependent manner and induce tumour cell apoptosis. <i>Molecular Oncology</i> , 2020, 14, 2546-2559.	2.1	19
68	Stem-like CD8 T cells mediate response of adoptive cell immunotherapy against human cancer. <i>Science</i> , 2020, 370, 1328-1334.	6.0	273
69	Some Like It Sweet: Dendritic Cells Add Sugar to Their T(ea). <i>Cell</i> , 2020, 183, 847-849.	13.5	0
70	T cell factor 1: A master regulator of the T cell response in disease. <i>Science Immunology</i> , 2020, 5, .	5.6	85
71	Needle in a Haystack: The Na ^{-ve} Repertoire as a Source of T Cell Receptors for Adoptive Therapy with Engineered T Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8324.	1.8	5
72	Antiviral T Cell Receptor Complementarity Determining Region-3 Sequences Are Associated with a Worse Cancer Outcome: A Pancancer Analysis. <i>Viral Immunology</i> , 2020, 33, 404-412.	0.6	5

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73	Phosphoproteomics of CD2 signaling reveals AMPK-dependent regulation of lytic granule polarization in cytotoxic T cells. <i>Science Signaling</i> , 2020, 13, .	1.6	18
74	PD-L1 expression by dendritic cells is a key regulator of T-cell immunity in cancer. <i>Nature Cancer</i> , 2020, 1, 681-691.	5.7	240
75	New Insights into the Immune System Using Dirty Mice. <i>Journal of Immunology</i> , 2020, 205, 3-11.	0.4	59
76	Integrating context of tumor biology and vaccine design to shape multidimensional immunotherapies. <i>Future Drug Discovery</i> , 2020, 2, FDD25.	0.8	1
77	Massively parallel interrogation and mining of natively paired human TCR $\alpha\beta$ repertoires. <i>Nature Biotechnology</i> , 2020, 38, 609-619.	9.4	34
78	Adoptive Cell Therapy—Harnessing Antigen-Specific T Cells to Target Solid Tumours. <i>Cancers</i> , 2020, 12, 683.	1.7	34
79	Microbiota-Propelled T Helper 17 Cells in Inflammatory Diseases and Cancer. <i>Microbiology and Molecular Biology Reviews</i> , 2020, 84, .	2.9	37
80	Tumor Microenvironment. <i>Cancer Treatment and Research</i> , 2020, , .	0.2	12
81	Neoantigen-Specific Adoptive Cell Therapies for Cancer: Making T-Cell Products More Personal. <i>Frontiers in Immunology</i> , 2020, 11, 1215.	2.2	32
82	Inhibition of Aurora-A Promotes CD8+ T-Cell Infiltration by Mediating IL10 Production in Cancer Cells. <i>Molecular Cancer Research</i> , 2020, 18, 1589-1602.	1.5	13
83	The history and advances in cancer immunotherapy: understanding the characteristics of tumor-infiltrating immune cells and their therapeutic implications. <i>Cellular and Molecular Immunology</i> , 2020, 17, 807-821.	4.8	1,136
84	Endogenous retroviral proteins provide an immunodominant but not requisite antigen in a murine immunotherapy tumor model. <i>Oncimmunology</i> , 2020, 9, 1758602.	2.1	12
85	Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, , .	0.8	3
86	Peripheral T cell expansion predicts tumour infiltration and clinical response. <i>Nature</i> , 2020, 579, 274-278.	13.7	439
87	Antibody-mediated delivery of viral epitopes to tumors harnesses CMV-specific T cells for cancer therapy. <i>Nature Biotechnology</i> , 2020, 38, 420-425.	9.4	48
88	Microbes as Master Immunomodulators: Immunopathology, Cancer and Personalized Immunotherapies. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 362.	1.8	7
89	Biotechnologies to tackle the challenge of neoantigen identification. <i>Current Opinion in Biotechnology</i> , 2020, 65, 52-59.	3.3	25
90	Molecular analysis of primary melanoma T cells identifies patients at risk for metastatic recurrence. <i>Nature Cancer</i> , 2020, 1, 197-209.	5.7	30

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91	Methods to edit T cells for cancer immunotherapy. <i>Methods in Enzymology</i> , 2020, 631, 107-135.	0.4	5
92	The Adaptive and Innate Immune Cell Landscape of Uterine Leiomyosarcomas. <i>Scientific Reports</i> , 2020, 10, 702.	1.6	14
93	Top 10 Challenges in Cancer Immunotherapy. <i>Immunity</i> , 2020, 52, 17-35.	6.6	1,177
94	Bempegaldesleukin selectively depletes intratumoral Tregs and potentiates T cell-mediated cancer therapy. <i>Nature Communications</i> , 2020, 11, 661.	5.8	124
95	RNA-Seq-Based TCR Profiling Reveals Persistently Increased Intratumoral Clonality in Responders to Anti-PD-1 Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 385.	1.3	11
96	Downregulation of ubiquitin-specific protease 2 possesses prognostic and diagnostic value and promotes the clear cell renal cell carcinoma progression. <i>Annals of Translational Medicine</i> , 2020, 8, 319-319.	0.7	18
97	Compartmental Analysis of T-cell Clonal Dynamics as a Function of Pathologic Response to Neoadjuvant PD-1 Blockade in Resectable Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 1327-1337.	3.2	90
98	Targeting tumor microenvironment in ovarian cancer: Premise and promise. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1873, 188361.	3.3	105
99	Eomes identifies thymic precursors of self-specific memory-phenotype CD8+ T cells. <i>Nature Immunology</i> , 2020, 21, 567-577.	7.0	55
100	A facile technology for the high-throughput sequencing of the paired VH:VL and TCR β :TCR α repertoires. <i>Science Advances</i> , 2020, 6, eaay9093.	4.7	18
101	Identification of TP53 mutation associated-immunotype and prediction of survival in patients with hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2020, 8, 321-321.	0.7	7
102	Prognosis significance of indoleamine 2, 3-dioxygenase, programmed death ligand-1 and tumor-infiltrating immune cells in microenvironment of breast cancer. <i>International Immunopharmacology</i> , 2020, 84, 106506.	1.7	12
103	Deciphering the transcriptomic landscape of tumor-infiltrating CD8 lymphocytes in B16 melanoma tumors with single-cell RNA-Seq. <i>OncImmunology</i> , 2020, 9, 1737369.	2.1	42
104	The Outcome of <i>Ex Vivo</i> TIL Expansion Is Highly Influenced by Spatial Heterogeneity of the Tumor T-Cell Repertoire and Differences in Intrinsic <i>In Vitro</i> Growth Capacity between T-Cell Clones. <i>Clinical Cancer Research</i> , 2020, 26, 4289-4301.	3.2	46
105	Association of genetic and immuno-characteristics with clinical outcomes in patients with RET-rearranged non-small cell lung cancer: a retrospective multicenter study. <i>Journal of Hematology and Oncology</i> , 2020, 13, 37.	6.9	32
106	PD-1 blockade-unresponsive human tumor-infiltrating CD8+ T cells are marked by loss of CD28 expression and rescued by IL-15. <i>Cellular and Molecular Immunology</i> , 2021, 18, 385-397.	4.8	37
107	Transcriptome Profiling Identifies TIGIT as a Marker of T-Cell Exhaustion in Liver Cancer. <i>Hepatology</i> , 2021, 73, 1399-1418.	3.6	61
108	Ag2S nanoparticle-mediated multiple ablations reinvigorates the immune response for enhanced cancer photo-immunotherapy. <i>Biomaterials</i> , 2021, 264, 120451.	5.7	53

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109	Nicotine exhausts CD8+ T cells against tumor cells through increasing miR-629-5p to repress IL2RB-mediated granzyme B expression. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1351-1364.	2.0	6
110	Applying high-dimensional single-cell technologies to the analysis of cancer immunotherapy. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 244-256.	12.5	138
111	The balance between breast cancer and the immune system: Challenges for prognosis and clinical benefit from immunotherapies. <i>Seminars in Cancer Biology</i> , 2021, 72, 76-89.	4.3	87
112	T Cells Expanded from PD-1+ Peripheral Blood Lymphocytes Share More Clones with Paired Tumor-Infiltrating Lymphocytes. <i>Cancer Research</i> , 2021, 81, 2184-2194.	0.4	18
113	The mutational load and a T-cell inflamed tumour phenotype identify ovarian cancer patients rendering tumour-reactive T cells from PD-1+ tumour-infiltrating lymphocytes. <i>British Journal of Cancer</i> , 2021, 124, 1138-1149.	2.9	14
114	Advances in identification and selection of personalized neoantigen/T-cell pairs for autologous adoptive T cell therapies. <i>OncoImmunology</i> , 2021, 10, 1869389.	2.1	14
115	Single-cell transcriptome analysis revealed the heterogeneity and microenvironment of gastrointestinal stromal tumors. <i>Cancer Science</i> , 2021, 112, 1262-1274.	1.7	18
116	Cell therapies in ovarian cancer. <i>Therapeutic Advances in Medical Oncology</i> , 2021, 13, 175883592110083.	1.4	20
117	Intratumoral heterogeneity in cancer progression and response to immunotherapy. <i>Nature Medicine</i> , 2021, 27, 212-224.	15.2	376
118	Neoadjuvant anti-OX40 (MEDI6469) therapy in patients with head and neck squamous cell carcinoma activates and expands antigen-specific tumor-infiltrating T cells. <i>Nature Communications</i> , 2021, 12, 1047.	5.8	96
119	Therapeutically Increasing MHC-I Expression Potentiates Immune Checkpoint Blockade. <i>Cancer Discovery</i> , 2021, 11, 1524-1541.	7.7	103
120	TCR-engineered T cells targeting E7 for patients with metastatic HPV-associated epithelial cancers. <i>Nature Medicine</i> , 2021, 27, 419-425.	15.2	156
121	Implication of CD69 ⁺ CD103 ⁺ tissue-resident-like CD8 ⁺ T cells as a potential immunotherapeutic target for cholangiocarcinoma. <i>Liver International</i> , 2021, 41, 764-776.	1.9	18
122	Self-Replicating RNAs Drive Protective Anti-tumor T Cell Responses to Neoantigen Vaccine Targets in a Combinatorial Approach. <i>Molecular Therapy</i> , 2021, 29, 1186-1198.	3.7	14
123	Promises and challenges of adoptive T-cell therapies for solid tumours. <i>British Journal of Cancer</i> , 2021, 124, 1759-1776.	2.9	113
124	HLA-E-restricted, Gag-specific CD8 ⁺ T cells can suppress HIV-1 infection, offering vaccine opportunities. <i>Science Immunology</i> , 2021, 6, .	5.6	35
125	TCR Î² chain-directed bispecific antibodies for the treatment of T cell cancers. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	30
126	DeepTCR is a deep learning framework for revealing sequence concepts within T-cell repertoires. <i>Nature Communications</i> , 2021, 12, 1605.	5.8	107

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127	Global analysis of shared T cell specificities in human non-small cell lung cancer enables HLA inference and antigen discovery. <i>Immunity</i> , 2021, 54, 586-602.e8.	6.6	80
128	Characteristics of T-Cell Receptor Repertoire and Correlation With EGFR Mutations in All Stages of Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 537735.	1.3	5
129	Exploiting Tumor Neoantigens to Target Cancer Evolution: Current Challenges and Promising Therapeutic Approaches. <i>Cancer Discovery</i> , 2021, 11, 1024-1039.	7.7	56
130	Moving Toward the Ideal Autologous Adoptive T-cell Therapy for Cancer. <i>Cancer Research</i> , 2021, 81, 1940-1941.	0.4	1
131	Leveraging Single-Cell Sequencing for Chimeric Antigen Receptor T Cell Therapies. <i>Trends in Biotechnology</i> , 2021, 39, 1308-1320.	4.9	18
132	STARTRAC analyses of scRNAseq data from tumor models reveal T cell dynamics and therapeutic targets. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	15
133	Cancer therapy in mice using a pure population of CD8+ T cell specific to the AH1 tumor rejection antigen. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 3183-3197.	2.0	5
134	IL-7 coupled with IL-12 increases intratumoral T cell clonality, leading to complete regression of non-immunogenic tumors. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 3557-3571.	2.0	11
135	Leveraging Single-Cell Approaches in Cancer Precision Medicine. <i>Trends in Cancer</i> , 2021, 7, 359-372.	3.8	18
136	The Dynamic Entropy of Tumor Immune Infiltrates: The Impact of Recirculation, Antigen-Specific Interactions, and Retention on T Cells in Tumors. <i>Frontiers in Oncology</i> , 2021, 11, 653625.	1.3	12
137	Modulation of the tumor micro-environment by CD8+ T cell-derived cytokines. <i>Current Opinion in Immunology</i> , 2021, 69, 65-71.	2.4	14
138	Interpretation of T cell states from single-cell transcriptomics data using reference atlases. <i>Nature Communications</i> , 2021, 12, 2965.	5.8	210
139	Beneficial autoimmunity improves cancer prognosis. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 591-602.	12.5	63
140	Nanoparticle-enabled innate immune stimulation activates endogenous tumor-infiltrating T cells with broad antigen specificities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	14
141	Single-cell Profiles and Prognostic Impact of Tumor-Infiltrating Lymphocytes Coexpressing CD39, CD103, and PD-1 in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 4089-4100.	3.2	46
142	Microenvironmental regulation of tumour immunity and response to immunotherapy. <i>Journal of Pathology</i> , 2021, 254, 374-383.	2.1	17
143	Targeting Solid Tumors Using CD3 Bispecific Antibodies. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1350-1358.	1.9	8
144	Progressive immune dysfunction with advancing disease stage in renal cell carcinoma. <i>Cancer Cell</i> , 2021, 39, 632-648.e8.	7.7	230

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146	Modelling the interplay between the CD4 ⁺ /CD8 ⁺ T-cell ratio and the expression of MHC-I in tumours. <i>Journal of Mathematical Biology</i> , 2021, 83, 2.	0.8	0
147	Not-so-opposite ends of the spectrum: CD8 ⁺ T cell dysfunction across chronic infection, cancer and autoimmunity. <i>Nature Immunology</i> , 2021, 22, 809-819.	7.0	113
148	Symphony of nanomaterials and immunotherapy based on the cancer-immunity cycle. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 107-134.	5.7	70
149	The therapeutic potential of multiclonal tumoricidal T cells derived from tumor infiltrating lymphocyte-derived iPS cells. <i>Communications Biology</i> , 2021, 4, 694.	2.0	18
150	Peripheral blood CD45RO ⁺ T cells is a predictor of the effectiveness of neoadjuvant chemoradiotherapy in locally advanced rectal cancer. <i>Medicine (United States)</i> , 2021, 100, e26214.	0.4	3
151	The Mechanism of Stimulating and Mobilizing the Immune System Enhancing the Anti-Tumor Immunity. <i>Frontiers in Immunology</i> , 2021, 12, 682435.	2.2	27
152	Beyond Microsatellite Instability: Evolving Strategies Integrating Immunotherapy for Microsatellite Stable Colorectal Cancer. <i>Current Treatment Options in Oncology</i> , 2021, 22, 69.	1.3	16
153	The Mechanism of CD8 ⁺ T Cells for Reducing Myofibroblasts Accumulation during Renal Fibrosis. <i>Biomolecules</i> , 2021, 11, 990.	1.8	8
154	CD8 ⁺ T cell differentiation and dysfunction in cancer. <i>Nature Reviews Immunology</i> , 2022, 22, 209-223.	10.6	345
155	Immune Phenotype and Response to Neoadjuvant Therapy in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 5365-5375.	3.2	29
156	The Promise of Personalized TCR-Based Cellular Immunotherapy for Cancer Patients. <i>Frontiers in Immunology</i> , 2021, 12, 701636.	2.2	6
157	The Complement System in Ovarian Cancer: An Underexplored Old Path. <i>Cancers</i> , 2021, 13, 3806.	1.7	5
158	Direct identification of neoantigen-specific TCRs from tumor specimens by high-throughput single-cell sequencing. , 2021, 9, e002595.		31
159	Transcriptomic signatures of tumors undergoing T cell attack. <i>Cancer Immunology, Immunotherapy</i> , 2021, , 1.	2.0	6
160	An ex vivo tumor fragment platform to dissect response to PD-1 blockade in cancer. <i>Nature Medicine</i> , 2021, 27, 1250-1261.	15.2	159
161	DCision-making in tumors governs T cell anti-tumor immunity. <i>Oncogene</i> , 2021, 40, 5253-5261.	2.6	22
162	Transcriptional programs of neoantigen-specific TIL in anti-PD-1-treated lung cancers. <i>Nature</i> , 2021, 596, 126-132.	13.7	234
163	Phenotype, specificity and avidity of antitumour CD8 ⁺ T cells in melanoma. <i>Nature</i> , 2021, 596, 119-125.	13.7	239

#	ARTICLE	IF	CITATIONS
164	Cytokines, Hormones and Cellular Regulatory Mechanisms Favoring Successful Reproduction. <i>Frontiers in Immunology</i> , 2021, 12, 717808.	2.2	60
166	Tumor Infiltrating Lymphocytes Target HLA-I Phosphopeptides Derived From Cancer Signaling in Colorectal Cancer. <i>Frontiers in Immunology</i> , 2021, 12, 723566.	2.2	14
167	Precision strategies for cancer treatment by modifying the tumor-related bacteria. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 6183-6197.	1.7	9
168	Targeted T cell receptor gene editing provides predictable T cell product function for immunotherapy. <i>Cell Reports Medicine</i> , 2021, 2, 100374.	3.3	30
169	Identification and Targeting of Mutant Peptide Neoantigens in Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 4245.	1.7	13
170	Significance of bystander T cell activation in microbial infection. <i>Nature Immunology</i> , 2022, 23, 13-22.	7.0	62
171	The Potential of Tissue-Resident Memory T Cells for Adoptive Immunotherapy against Cancer. <i>Cells</i> , 2021, 10, 2234.	1.8	10
172	TCR Clonality and Genomic Instability Signatures as Prognostic Biomarkers in High Grade Serous Ovarian Cancer. <i>Cancers</i> , 2021, 13, 4394.	1.7	6
173	CXCR6 positions cytotoxic T cells to receive critical survival signals in the tumor microenvironment. <i>Cell</i> , 2021, 184, 4512-4530.e22.	13.5	180
174	Low-Dose Radiotherapy Reverses Tumor Immune Desertification and Resistance to Immunotherapy. <i>Cancer Discovery</i> , 2022, 12, 108-133.	7.7	165
176	Antigen dominance hierarchies shape TCF1+ progenitor CD8 T cell phenotypes in tumors. <i>Cell</i> , 2021, 184, 4996-5014.e26.	13.5	84
177	Tumour antigen-induced T cell exhaustion is the archenemy of immune-hot malignancies. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 749-750.	12.5	20
178	Harnessing the Immune System to Fight Multiple Myeloma. <i>Cancers</i> , 2021, 13, 4546.	1.7	10
179	Efficacy and safety of PD-1/PD-L1 plus CTLA-4 antibodies ± other therapies in lung cancer: a systematic review and meta-analysis. <i>European Journal of Hospital Pharmacy</i> , 2023, 30, 3-8.	0.5	9
181	TCR repertoire characteristics predict clinical response to adoptive CTL therapy against nasopharyngeal carcinoma. <i>OncImmunology</i> , 2021, 10, 1955545.	2.1	6
182	Partial absence of PD-1 expression by tumor-infiltrating EBV-specific CD8 ⁺ T cells in EBV-driven lymphoepithelioma-like carcinoma. <i>Clinical and Translational Immunology</i> , 2020, 9, e1175.	1.7	7
183	Cytotoxic CD8 ⁺ Lymphocytes in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1224, 53-62.	0.8	56
184	CAR T Cell Therapy Progress and Challenges for Solid Tumors. <i>Cancer Treatment and Research</i> , 2020, 180, 297-326.	0.2	23

#	ARTICLE	IF	CITATIONS
185	CD8+ T cell states in human cancer: insights from single-cell analysis. <i>Nature Reviews Cancer</i> , 2020, 20, 218-232.	12.8	766
190	Mobilization of pre-existing polyclonal T cells specific to neoantigens but not self-antigens during treatment of a patient with melanoma with bempegaldesleukin and nivolumab. , 2020, 8, e001591.		6
191	Î³Î± T-cell Receptors Derived from Breast Cancerâ€“Infiltrating T Lymphocytes Mediate Antitumor Reactivity. <i>Cancer Immunology Research</i> , 2020, 8, 530-543.	1.6	42
192	Recognition of human gastrointestinal cancer neoantigens by circulating PD-1+ lymphocytes. <i>Journal of Clinical Investigation</i> , 2019, 129, 4992-5004.	3.9	107
193	Personal tumor antigens in blood malignancies: genomics-directed identification and targeting. <i>Journal of Clinical Investigation</i> , 2020, 130, 1595-1607.	3.9	10
194	Clonality and antigen-specific responses shape the prognostic effects of tumor-infiltrating T cells in ovarian cancer. <i>Oncotarget</i> , 2020, 11, 2669-2683.	0.8	14
195	Exhausted T cells and epigenetic status. <i>Cancer Biology and Medicine</i> , 2020, 17, 923-936.	1.4	32
196	<p>Cancer Immunotherapies Targeting Tumor-Associated Regulatory T Cells</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 11033-11044.	1.0	9
197	Single-cell RNA Sequencing in Immunology. <i>Current Genomics</i> , 2020, 21, 564-575.	0.7	14
198	Landscape mapping of shared antigenic epitopes and their cognate TCRs of tumor-infiltrating T lymphocytes in melanoma. <i>ELife</i> , 2020, 9, .	2.8	13
199	Cancer systems immunology. <i>ELife</i> , 2020, 9, .	2.8	14
200	CXCR6 by increasing retention of memory CD8⁺ T cells in the ovarian tumor microenvironment promotes immunosurveillance and control of ovarian cancer. , 2021, 9, e003329.		25
201	Coupling programmed cell death 1-positive tumor-infiltrating T cells with anti-programmed cell death 1 antibody improves the efficacy of adoptive T-cell therapy. <i>Cytotherapy</i> , 2021, , .	0.3	2
202	Single cell T cell landscape and T cell receptor repertoire profiling of AML in context of PD-1 blockade therapy. <i>Nature Communications</i> , 2021, 12, 6071.	5.8	44
204	New Developments in the Pathogenesis, Therapeutic Targeting, and Treatment of H3K27M-Mutant Diffuse Midline Glioma. <i>Cancers</i> , 2021, 13, 5280.	1.7	26
206	Enhancing adoptive CD8 T cell therapy by systemic delivery of tumor associated antigens. <i>Scientific Reports</i> , 2021, 11, 19794.	1.6	6
207	Intratumor heterogeneity: the hidden barrier to immunotherapy against MSI tumors from the perspective of IFN-Î³ signaling and tumor-infiltrating lymphocytes. <i>Journal of Hematology and Oncology</i> , 2021, 14, 160.	6.9	37
208	Microbial Colonization and Inflammation as Potential Contributors to the Lack of Therapeutic Success in Oral Squamous Cell Carcinoma. <i>Frontiers in Oral Health</i> , 2021, 2, 739499.	1.2	2

#	ARTICLE	IF	CITATIONS
216	Immuno-Oncology of Colorectal Cancer. Diagnostics and Therapeutic Advances in GI Malignancies, 2020, , 183-204.	0.2	0
217	Myeloid antigen-presenting cell niches sustain antitumor T cells and license PD-1 blockade via CD28 costimulation. Cancer Cell, 2021, 39, 1623-1642.e20.	7.7	64
218	Single-Cell Transcriptomic Analysis Reveals a Tumor-Reactive T Cell Signature Associated With Clinical Outcome and Immunotherapy Response In Melanoma. Frontiers in Immunology, 2021, 12, 758288.	2.2	13
219	4-1BB co-stimulation further enhances anti-PD-1-mediated reinvigoration of exhausted CD39 CD8 T cells from primary and metastatic sites of epithelial ovarian cancers. , 2020, 8, .		7
220	Antimetastatic defense by CD8+ T cells. Trends in Cancer, 2022, 8, 145-157.	3.8	12
221	Solid Tumor Microenvironment Can Harbor and Support Functional Properties of Memory T Cells. Frontiers in Immunology, 2021, 12, 706150.	2.2	2
222	The Emerging Interplay Between Recirculating and Tissue-Resident Memory T Cells in Cancer Immunity: Lessons Learned From PD-1/PD-L1 Blockade Therapy and Remaining Gaps. Frontiers in Immunology, 2021, 12, 755304.	2.2	2
223	Tumour-infiltrating bystander CD8 ⁺ T cells activated by IL-15 contribute to tumour control in non-small cell lung cancer. Thorax, 2022, 77, 769-780.	2.7	9
224	Immortalization and functional screening of natively paired human T cell receptor repertoires. Protein Engineering, Design and Selection, 2022, 35, .	1.0	2
225	Biomarkers for predicting the efficacy of immune checkpoint inhibitors. Journal of Cancer, 2022, 13, 481-495.	1.2	12
226	Functional virus-specific memory T cells survey glioblastoma. Cancer Immunology, Immunotherapy, 2022, 71, 1863-1875.	2.0	15
227	Tumor microenvironment-responsive Ag2S-PAsp(DOX)-cRGD nanoparticles-mediated photochemotherapy enhances the immune response to tumor therapy. Biomaterials, 2022, 281, 121328.	5.7	33
228	Isolation of TCR genes with tumor-killing activity from tumor-infiltrating and circulating lymphocytes in a tumor rejection cynomolgus macaque model. Molecular Therapy - Oncolytics, 2022, 24, 77-86.	2.0	3
230	Eudragit S100 prepared pH-responsive liposomes-loaded betulinic acid against colorectal cancer <i>in vitro</i> and <i>in vivo</i> . Journal of Liposome Research, 2022, 32, 250-264.	1.5	11
231	Comprehensive and Integrative Analysis of Two Novel SARS-CoV-2 Entry Associated Proteases CTSB and CTSL in Healthy Individuals and Cancer Patients. Frontiers in Bioengineering and Biotechnology, 2022, 10, 780751.	2.0	2
232	Bystander CD4 ⁺ T cells infiltrate human tumors and are phenotypically distinct. OncoImmunology, 2022, 11, .	2.1	13
233	Prognostic value, DNA variation and immunologic features of a tertiary lymphoid structure-related chemokine signature in clear cell renal cell carcinoma. Cancer Immunology, Immunotherapy, 2022, 71, 1923-1935.	2.0	19
234	Time-spatial analysis of T cell receptor repertoire in esophageal squamous cell carcinoma patients treated with combined radiotherapy and PD-1 blockade. OncoImmunology, 2022, 11, 2025668.	2.1	6

#	ARTICLE	IF	CITATIONS
236	Revealing Clonal Responses of Tumor-Reactive T-Cells Through T Cell Receptor Repertoire Analysis. <i>Frontiers in Immunology</i> , 2022, 13, 807696.	2.2	13
238	PD-1 blockade therapy promotes infiltration of tumor-attacking exhausted T cell clonotypes. <i>Cell Reports</i> , 2022, 38, 110331.	2.9	45
239	Antigen cross-presentation in young tumor-bearing hosts promotes CD8 T cell terminal differentiation. <i>Science Immunology</i> , 2022, 7, eabf6136.	5.6	5
240	An atlas of intratumoral T cells. <i>Science</i> , 2021, 374, 1446-1447.	6.0	5
241	4-1BB co-stimulation further enhances anti-PD-1-mediated reinvigoration of exhausted CD39 ⁺ CD8 T cells from primary and metastatic sites of epithelial ovarian cancers. , 2020, 8, e001650.		35
242	Emerging role of bystander T cell activation in autoimmune diseases. <i>BMB Reports</i> , 2022, 55, 57-64.	1.1	21
243	Building the Canadian Bladder Cancer Research Network (CBCRN): Progress During a Pandemic. <i>Canadian Urological Association Journal</i> , 2022, 16, .	0.3	0
244	Regulation of tissue-resident memory T cells by the Microbiota. <i>Mucosal Immunology</i> , 2022, 15, 408-417.	2.7	16
245	Bystander T cells in cancer immunology and therapy. <i>Nature Cancer</i> , 2022, 3, 143-155.	5.7	47
246	The Polarity and Specificity of Antiviral T Lymphocyte Responses Determine Susceptibility to SARS-CoV-2 Infection in Patients with Cancer and Healthy Individuals. <i>Cancer Discovery</i> , 2022, 12, 958-983.	7.7	10
247	Defined tumor antigen-specific T cells potentiate personalized TCR-T cell therapy and prediction of immunotherapy response. <i>Cell Research</i> , 2022, 32, 530-542.	5.7	54
248	Molecular signatures of antitumor neoantigen-reactive T cells from metastatic human cancers. <i>Science</i> , 2022, 375, 877-884.	6.0	156
249	Identification of Neoantigens in Cancer Cells as Targets for Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2594.	1.8	14
250	The Unfolded Protein Response at the Tumor-Immune Interface. <i>Frontiers in Immunology</i> , 2022, 13, 823157.	2.2	11
252	Amplifying natural antitumor immunity for personalized immunotherapy. <i>Cell Research</i> , 2022, , .	5.7	1
253	Isolation of Neoantigen-Specific Human T Cell Receptors from Different Human and Murine Repertoires. <i>Cancers</i> , 2022, 14, 1842.	1.7	2
254	B cells and tertiary lymphoid structures as determinants of tumour immune contexture and clinical outcome. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 441-457.	12.5	176
255	Two sides of the same coin: Protective versus pathogenic CD4 ⁺ resident memory T cells. <i>Science Immunology</i> , 2022, 7, eabf9393.	5.6	11

#	ARTICLE	IF	CITATIONS
256	Molecular, cellular and systemic aspects of epithelial ovarian cancer and its tumor microenvironment. <i>Seminars in Cancer Biology</i> , 2022, 86, 207-223.	4.3	35
257	Multimodal predictors for precision immunotherapy. <i>Immuno-Oncology Technology</i> , 2022, 14, 100071.	0.2	4
259	Cancer-immunotherapy biomarkers in the tumor microenvironment. <i>Okayama Igakkai Zasshi</i> , 2021, 133, 151-157.	0.0	0
260	T cells targeted to TdT kill leukemic lymphoblasts while sparing normal lymphocytes. <i>Nature Biotechnology</i> , 2022, 40, 488-498.	9.4	12
262	Triterpenoids of <i>Rhus chinensis</i> Supressed Colorectal Cancer Progress by Enhancing Antitumor Immunity and CD8 ⁺ T Cells Tumor Infiltration. <i>Nutrition and Cancer</i> , 2022, 74, 2550-2564.	0.9	3
263	PD-1 and ICOS coexpression identifies tumor-reactive CD4 ⁺ T cells in human solid tumors. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	37
265	Neoantigen-specific CD4 ⁺ T cells in human melanoma have diverse differentiation states and correlate with CD8 ⁺ T cell, macrophage, and B cell function. <i>Cancer Cell</i> , 2022, 40, 393-409.e9.	7.7	59
266	Transcriptomic profiles of neoantigen-reactive T cells in human gastrointestinal cancers. <i>Cancer Cell</i> , 2022, 40, 410-423.e7.	7.7	47
267	Tumor-infiltrating lymphocytes for adoptive cell therapy: recent advances, challenges, and future directions. <i>Expert Opinion on Biological Therapy</i> , 2022, 22, 627-641.	1.4	19
271	A variety of "exhausted" T cells in the tumor microenvironment. <i>International Immunology</i> , 2022, 34, 563-570.	1.8	13
272	Emerging role of bystander T cell activation in autoimmune diseases.. <i>BMB Reports</i> , 2022, , .	1.1	0
273	Establishment and Application of a Prognostic Risk Score Model Based on Characteristics of Different Immunophenotypes for Lung Adenocarcinoma. <i>Frontiers in Genetics</i> , 2022, 13, 850101.	1.1	0
274	Predictive value of intra-tumoural TCR ^β rearrangements in precisely selecting adjuvant therapy for EGFR mutant non-small cell lung cancer. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.2	1
275	The mutual relationship between the host immune system and radiotherapy: stimulating the action of immune cells by irradiation. <i>International Journal of Clinical Oncology</i> , 2023, 28, 201-208.	1.0	1
276	Immunogenomic intertumor heterogeneity across primary and metastatic sites in a patient with lung adenocarcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 172.	3.5	2
277	An activation to memory differentiation trajectory of tumor-infiltrating lymphocytes informs metastatic melanoma outcomes. <i>Cancer Cell</i> , 2022, 40, 524-544.e5.	7.7	23
278	Dual drugs decorated bacteria irradiate deep hypoxic tumor and arouse strong immune responses. <i>Biomaterials</i> , 2022, 286, 121582.	5.7	24
279	Adoptive tumor infiltrating lymphocyte transfer as personalized immunotherapy. <i>International Review of Cell and Molecular Biology</i> , 2022, , 163-192.	1.6	3

#	ARTICLE	IF	CITATIONS
282	Turning cold tumors hot: from molecular mechanisms to clinical applications. <i>Trends in Immunology</i> , 2022, 43, 523-545.	2.9	176
283	The Alteration of T-Cell Heterogeneity and PD-L1 Colocalization During dMMR Colorectal Cancer Progression Defined by Multiplex Immunohistochemistry. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
284	Effective generation of tumor-infiltrating lymphocyte products from metastatic non-small-cell lung cancer (NSCLC) lesions irrespective of location and previous treatments. <i>Immuno-Oncology Technology</i> , 2022, 15, 100090.	0.2	1
285	Crosstalk of RNA Adenosine Modification-Related Subtypes, Establishment of a Prognostic Model, and Immune Infiltration Characteristics in Ovarian Cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
286	Sarcoma Common MHC-I Haplotype Restricts Tumor-Specific CD8+ T Cell Response. <i>Cancers</i> , 2022, 14, 3414.	1.7	7
287	Mixed Response to Cancer Immunotherapy is Driven by Intratumor Heterogeneity and Differential Interlesion Immune Infiltration. <i>Cancer Research Communications</i> , 2022, 2, 739-753.	0.7	2
288	Dual Inhibition of CDK12/CDK13 Targets Both Tumor and Immune Cells in Ovarian Cancer. <i>Cancer Research</i> , 2022, 82, 3588-3602.	0.4	12
289	The evolving role of tissue-resident memory T cells in infections and cancer. <i>Science Advances</i> , 2022, 8, .	4.7	42
290	Signatures of recent activation identify a circulating T cell compartment containing tumor-specific antigen receptors with high avidity. <i>Science Immunology</i> , 2022, 7, .	5.6	8
291	CD39 ⁺ tissue-resident memory CD8 ⁺ T cells with a clonal overlap across compartments mediate antitumor immunity in breast cancer. <i>Science Immunology</i> , 2022, 7, .	5.6	23
293	Efficacy of CD40 Agonists Is Mediated by Distinct cDC Subsets and Subverted by Suppressive Macrophages. <i>Cancer Research</i> , 2022, 82, 3785-3801.	0.4	9
294	Ligand Identification for Orphan MHC-Agnostic T-Cell Receptors by Whole Genome CRISPR-Cas9 Screening. <i>Methods in Molecular Biology</i> , 2022, , 3-14.	0.4	0
295	An Artificial Intelligence-Based Ecological Index for Prognostic Evaluation of Colorectal Cancer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
296	Single-cell and spatial transcriptome analyses revealed cell heterogeneity and immune environment alternations in metastatic axillary lymph nodes in breast cancer. <i>Cancer Immunology, Immunotherapy</i> , 2023, 72, 679-695.	2.0	7
297	Keeping track of the T cells that matter. <i>Nature Cancer</i> , 2022, 3, 1015-1017.	5.7	1
298	TCR repertoire and transcriptional signatures of circulating tumour-associated T cells facilitate effective non-invasive cancer detection. <i>Clinical and Translational Medicine</i> , 2022, 12, .	1.7	2
299	Technology meets TILs: Deciphering T cell function in the -omics era. <i>Cancer Cell</i> , 2023, 41, 41-57.	7.7	17
300	Translational Research in Cancer Immunotherapies. <i>Japanese Journal of Lung Cancer</i> , 2022, 62, 363-370.	0.0	0

#	ARTICLE	IF	CITATIONS
301	Next generation T ^A cell therapies for solid cancers. <i>Med</i> , 2022, 3, 645-647.	2.2	0
302	Enhancing the Antitumor Immunity of T Cells by Engineering the Lipid-Regulatory Site of the TCR/CD3 Complex. <i>Cancer Immunology Research</i> , 2023, 11, 93-108.	1.6	3
304	Evolution and modulation of antigen-specific T cell responses in melanoma patients. <i>Nature Communications</i> , 2022, 13, .	5.8	10
305	Patient-derived organoids (PDOs) and PDO-derived xenografts (PDOXs): New opportunities in establishing faithful pre-clinical cancer models. <i>Journal of the National Cancer Center</i> , 2022, 2, 263-276.	3.0	9
306	Nanobody-based CAR T cells targeting intracellular tumor antigens. <i>Biomedicine and Pharmacotherapy</i> , 2022, 156, 113919.	2.5	7
307	GZMK ^{high} CD8 ⁺ T effector memory cells are associated with CD15 ^{high} neutrophil abundance in non-metastatic colorectal tumors and predict poor clinical outcome. <i>Nature Communications</i> , 2022, 13, .	5.8	13
308	T cells specific for β -myosin drive immunotherapy-related myocarditis. <i>Nature</i> , 2022, 611, 818-826.	13.7	100
309	Cancer Immunology and Immunotherapy: From Defining Basic Immunology to Leading the Fight Against Cancer. <i>Immunological Investigations</i> , 2022, 51, 2128-2132.	1.0	2
310	Potential biomarkers: Identifying powerful tumor specific T cells in adoptive cellular therapy. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
311	Neoantigen-specific TCR-T cell-based immunotherapy for acute myeloid leukemia. <i>Experimental Hematology and Oncology</i> , 2022, 11, .	2.0	4
312	Boosting the Immunoactivity of T Cells by Resonant Thermal Radiation from Electric Graphene Films for Improved Cancer Immunotherapy. <i>Advanced Therapeutics</i> , 2023, 6, .	1.6	3
313	Circulating T-cell receptor diversity as predictive biomarker for PARP inhibitors maintenance therapy in high grade serous ovarian cancer. <i>Gynecologic Oncology</i> , 2023, 168, 135-143.	0.6	0
314	Recruiting T cells and sensitizing tumors to NKG2D immune surveillance for robust antitumor immune response. <i>Journal of Controlled Release</i> , 2023, 353, 943-955.	4.8	0
315	Expansion of KRAS hotspot mutations reactive T cells from human pancreatic tumors using autologous T cells as the antigen-presenting cells. <i>Cancer Immunology, Immunotherapy</i> , 0, , .	2.0	1
316	Targeting the activity of T cells by membrane surface redox regulation for cancer theranostics. <i>Nature Nanotechnology</i> , 2023, 18, 86-97.	15.6	24
317	The role of interferons in ovarian cancer progression: Hinderer or promoter?. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
318	The common HLA class I-restricted tumor-infiltrating T cell response in HPV16-induced cancer. <i>Cancer Immunology, Immunotherapy</i> , 0, , .	2.0	3
319	Use of intercellular proximity labeling to quantify and decipher cell-cell interactions directed by diversified molecular pairs. <i>Science Advances</i> , 2022, 8, .	4.7	11

#	ARTICLE	IF	CITATIONS
321	The ectonucleotidase CD39 identifies tumor-reactive CD8+ T cells predictive of immune checkpoint blockade efficacy in human lung cancer. <i>Immunity</i> , 2023, 56, 93-106.e6.	6.6	24
322	Ginsenoside Rg3 nanoparticles with permeation enhancing based chitosan derivatives were encapsulated with doxorubicin by thermosensitive hydrogel and anti-cancer evaluation of peritumoral hydrogel injection combined with PD-L1 antibody. <i>Biomaterials Research</i> , 2022, 26, .	3.2	14
323	Immunotherapies targeting neoantigens are effective in PD-1 blockade-resistant tumors. <i>International Journal of Cancer</i> , 2023, 152, 1463-1475.	2.3	2
324	T-cell repertoire diversity: friend or foe for protective antitumor response?. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	3.5	11
325	Novel strategies to improve efficacy of treatment with tumor-infiltrating lymphocytes (TILs) for patients with solid cancers. <i>Current Opinion in Oncology</i> , 2023, 35, 107-113.	1.1	4
326	Identification of patient-specific CD4+ and CD8+ T cell neoantigens through HLA-unbiased genetic screens. <i>Nature Biotechnology</i> , 2023, 41, 783-787.	9.4	10
327	Neoantigens: promising targets for cancer therapy. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	112
328	CTLA-4 inhibition facilitates follicular T _H cell interaction and the production of tumor-specific antibodies. <i>International Journal of Cancer</i> , 0, , .	2.3	1
329	Biomarkers of tumor-reactive CD4 ⁺ and CD8 ⁺ TILs associate with improved prognosis in endometrial cancer.. , 2022, 10, e005443.		12
330	Efficacy of PD-1/PD-L1 plus CTLA-4 inhibitors in solid tumors based on clinical characteristics: a meta-analysis. <i>Immunotherapy</i> , 2023, 15, 189-207.	1.0	3
331	Immunosuppressive microenvironment improvement and treatment of aggressive malignancy pancreatic ductal adenocarcinoma based on local administration of injectable hydrogel. <i>Nano Today</i> , 2023, 50, 101832.	6.2	9
332	TCR sequencing: applications in immuno-oncology research. <i>Immuno-Oncology Technology</i> , 2023, 17, 100373.	0.2	3
333	The potential role of the thymus in immunotherapies for acute myeloid leukemia. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	4
334	Cold atmospheric plasma: Novel opportunities for tumor microenvironment targeting. <i>Cancer Medicine</i> , 2023, 12, 7189-7206.	1.3	6
336	A Novel Cell-based Luciferase Reporter Platform for the Development and Characterization of T-Cell Redirecting Therapies and Vaccine Development. <i>Journal of Immunotherapy</i> , 2023, 46, 96-106.	1.2	1
337	T cell egress via lymphatic vessels is tuned by antigen encounter and limits tumor control. <i>Nature Immunology</i> , 2023, 24, 664-675.	7.0	26
338	Immortalized B Cells Transfected with mRNA of Antigen Fused to MITD (IBMAM): An Effective Tool for Antigen-Specific T-Cell Expansion and TCR Validation. <i>Biomedicines</i> , 2023, 11, 796.	1.4	4
339	T-Cell Repertoire Analysis in the Conjunctiva of Murine Dry Eye Model. , 2023, 64, 14.		0

#	ARTICLE	IF	CITATIONS
340	Neoantigen-targeted CD8+ T cell responses with PD-1 blockade therapy. <i>Nature</i> , 2023, 615, 697-704.	13.7	44
342	The pre-existing T cell landscape determines the response to bispecific T cell engagers in multiple myeloma patients. <i>Cancer Cell</i> , 2023, 41, 711-725.e6.	7.7	40
343	Expression pattern, tumor immune landscape, and prognostic value of N7-methylguanosine regulators in bladder urothelial carcinoma. <i>Oncology Letters</i> , 2023, 25, .	0.8	1
344	Identification of antigenic epitopes recognized by tumor infiltrating lymphocytes in high grade serous ovarian cancer by multi-omics profiling of the auto-antigen repertoire. <i>Cancer Immunology, Immunotherapy</i> , 2023, 72, 2375-2392.	2.0	2
345	Subtype classification based on t cell proliferation-related regulator genes and risk model for predicting outcomes of lung adenocarcinoma. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2
347	Dynamics and specificities of T cells in cancer immunotherapy. <i>Nature Reviews Cancer</i> , 2023, 23, 295-316.	12.8	49
349	Immune-Related Genes™ Prognostic, Therapeutic and Diagnostic Value in Ovarian Cancer Immune-Related Gene Biomarker in Ovarian Cancer. <i>Cancer Control</i> , 2023, 30, 107327482311687.	0.7	1
350	The “Great Debate” at Immunotherapy Bridge 2022, Naples, November 30th–December 1st, 2022. <i>Journal of Translational Medicine</i> , 2023, 21, .	1.8	0
358	T cells in health and disease. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	36
365	Harnessing 3D in vitro systems to model immune responses to solid tumours: a step towards improving and creating personalized immunotherapies. <i>Nature Reviews Immunology</i> , 2024, 24, 18-32.	10.6	2
377	Stem-like exhausted and memory CD8+ T cells in cancer. <i>Nature Reviews Cancer</i> , 2023, 23, 780-798.	12.8	5
392	T cell receptor therapeutics: immunological targeting of the intracellular cancer proteome. <i>Nature Reviews Drug Discovery</i> , 2023, 22, 996-1017.	21.5	7
403	Tumour-infiltrating lymphocyte therapy for patients with advanced-stage melanoma. <i>Nature Reviews Clinical Oncology</i> , 2024, 21, 173-184.	12.5	0
411	Important Biomarkers for Better Evaluation of Checkpoint Inhibitors and Other Immunotherapies in Lung Cancer. , 2024, , 331-351.		0