

The Inducible Costimulator (ICOS) Is Critical for the Development of CD4⁺ T_H 17 Cells

Science Translational Medicine

2, 55ra78

DOI: [10.1126/scitranslmed.3000448](https://doi.org/10.1126/scitranslmed.3000448)

Citation Report

#	ARTICLE	IF	CITATIONS
1	ICOS ^H Stomizing Immunotherapies with T _H 17. <i>Science Translational Medicine</i> , 2010, 2, 55ps52.	5.8	6
2	Regulation of interleukin-10 and interleukin-22 expression in T helper cells. <i>Current Opinion in Immunology</i> , 2011, 23, 605-612.	2.4	64
3	T Helper Cell Differentiation. <i>Advances in Immunology</i> , 2011, 109, 159-196.	1.1	89
4	Protective Effector Memory CD4 T Cells Depend on ICOS for Survival. <i>PLoS ONE</i> , 2011, 6, e16529.	1.1	21
5	Oncogenic tyrosine kinase NPM-ALK induces expression of the growth-promoting receptor ICOS. <i>Blood</i> , 2011, 118, 3062-3071.	0.6	32
6	CD5 costimulation induces stable Th17 development by promoting IL-23R expression and sustained STAT3 activation. <i>Blood</i> , 2011, 118, 6107-6114.	0.6	43
7	Quantitative events determine the differentiation and function of helper T cells. <i>Nature Immunology</i> , 2011, 12, 288-294.	7.0	58
8	Critical co-stimulatory pathways in the stability of Foxp3 ⁺ Treg cell homeostasis in Type I Diabetes. <i>Autoimmunity Reviews</i> , 2011, 11, 104-111.	2.5	20
9	Inducible Costimulator Controls Migration of T Cells to the Lungs via Down-Regulation of CCR7 and CD62L. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 843-850.	1.4	16
10	Human T _H 17 Cells Are Long-Lived Effector Memory Cells. <i>Science Translational Medicine</i> , 2011, 3, 104ra100.	5.8	236
11	Significance of T helper 17 immunity in transplantation. <i>Current Opinion in Organ Transplantation</i> , 2012, 17, 8-14.	0.8	49
12	Bcl6 and Maf Cooperate To Instruct Human Follicular Helper CD4 T Cell Differentiation. <i>Journal of Immunology</i> , 2012, 188, 3734-3744.	0.4	302
13	A systematic analysis of experimental immunotherapies on tumors differing in size and duration of growth. <i>Oncolmmunology</i> , 2012, 1, 172-178.	2.1	42
14	ICOS-LICOS interaction is critically involved in TGN1412-mediated T-cell activation. <i>Blood</i> , 2012, 119, 6268-6277.	0.6	21
15	Functional niche of inflamed synovium for Th17-cell expansion and activation in rheumatoid arthritis: Implication to clinical therapeutics. <i>Autoimmunity Reviews</i> , 2012, 11, 844-851.	2.5	31
16	Defining the human T helper 17 cell phenotype. <i>Trends in Immunology</i> , 2012, 33, 505-512.	2.9	162
17	Regulation of TH17 cell differentiation by innate immune signals. <i>Cellular and Molecular Immunology</i> , 2012, 9, 287-295.	4.8	89
18	Biomimetic Delivery with Microâ€•and Nanoparticles. <i>Advanced Materials</i> , 2012, 24, 3757-3778.	11.1	145

#	ARTICLE	IF	CITATIONS
19	Type17 T-cells in Central Nervous System Autoimmunity and Tumors. Journal of Clinical Immunology, 2012, 32, 802-808.	2.0	26
20	The Role of Costimulatory Molecules in Directing the Functional Differentiation of Alloreactive T Helper Cells. American Journal of Transplantation, 2012, 12, 2588-2600.	2.6	45
21	Adoptive T Cell Transfer for Cancer Immunotherapy in the Era of Synthetic Biology. Immunity, 2013, 39, 49-60.	6.6	418
22	Modulation of p38 MAPK signaling enhances dendritic cell activation of human CD4+ Th17 responses to ovarian tumor antigen. Cancer Immunology, Immunotherapy, 2013, 62, 839-849.	2.0	24
23	Th17 Cells in Autoimmune Inflammation and Demyelination in the Central Nervous System. , 2013, , 1-25.		1
24	Bispecific T-cells Expressing Polyclonal Repertoire of Endogenous T-cell Receptors and Introduced CD19-specific Chimeric Antigen Receptor. Molecular Therapy, 2013, 21, 638-647.	3.7	134
25	Essentials of Th17 cell commitment and plasticity. Blood, 2013, 121, 2402-2414.	0.6	306
26	Immune Co-signaling to Treat Cancer. , 2013, , 211-280.		1
27	B7h (ICOS-L) Maintains Tolerance at the Fetomaternal Interface. American Journal of Pathology, 2013, 182, 2204-2213.	1.9	30
28	Human Inflammatory Dendritic Cells Induce Th17 Cell Differentiation. Immunity, 2013, 38, 336-348.	6.6	556
29	Adipocytes as immune regulatory cells. International Immunopharmacology, 2013, 16, 224-231.	1.7	40
30	IL-22, not simply a Th17 cytokine. Immunological Reviews, 2013, 252, 116-132.	2.8	391
31	IL-21-Producing Th Cells in Immunity and Autoimmunity. Journal of Immunology, 2013, 191, 3501-3506.	0.4	100
32	Model Cells: A Time-Tested Vehicle for Gene Therapy. Frontiers in Immunology, 2013, 4, 304.	2.2	8
33	CagA-Dependent Downregulation of B7-H2 Expression on Gastric Mucosa and Inhibition of Th17 Responses during <i>Helicobacter pylori</i> Infection. Journal of Immunology, 2013, 191, 3838-3846.	0.4	48
34	Triggering of B7h by the ICOS Modulates Maturation and Migration of Monocyte-Derived Dendritic Cells. Journal of Immunology, 2013, 190, 1125-1134.	0.4	28
35	Enhanced Function of Redirected Human T Cells Expressing Linker for Activation of T Cells That Is Resistant to Ubiquitylation. Human Gene Therapy, 2013, 24, 27-37.	1.4	18
36	Systemic Inflammation in Progressive Multiple Sclerosis Involves Follicular T-Helper, Th17- and Activated B-Cells and Correlates with Progression. PLoS ONE, 2013, 8, e57820.	1.1	213

#	ARTICLE	IF	CITATIONS
37	Attenuation of Immune-Mediated Influenza Pneumonia by Targeting the Inducible Co-Stimulator (ICOS) Molecule on T Cells. PLoS ONE, 2014, 9, e100970.	1.1	11
38	ICOS-based chimeric antigen receptors program bipolar TH17/TH1 cells. Blood, 2014, 124, 1070-1080.	0.6	268
39	Exploiting the curative potential of adoptive T cell therapy for cancer. Immunological Reviews, 2014, 257, 56-71.	2.8	422
40	Monocyte-derived dendritic cells from Crohn's disease patients exhibit decreased ability to activate T helper type 17 responses in memory cells. Clinical and Experimental Immunology, 2014, 177, 190-202.	1.1	4
41	The Immunological Synapse. Cancer Immunology Research, 2014, 2, 1023-1033.	1.6	330
42	High CTLA-4 Expression on Th17 Cells Results in Increased Sensitivity to CTLA-4 Coinhibition and Resistance to Belatacept. American Journal of Transplantation, 2014, 14, 607-614.	2.6	50
43	Ovarian Tumor Ascites CD14+ Cells Suppress Dendritic Cell-activated CD4+ T-cell Responses Through IL-10 Secretion and Indoleamine 2,3-Dioxygenase. Journal of Immunotherapy, 2014, 37, 163-169.	1.2	21
44	Th17 Cells in Cancer: The Ultimate Identity Crisis. Frontiers in Immunology, 2014, 5, 276.	2.2	257
45	Relation of clinical culture method to T-cell memory status and efficacy in xenograft models of adoptive immunotherapy. Cytotherapy, 2014, 16, 619-630.	0.3	90
46	An easy way to make a good anti-tumor chimeric antigen receptor T cell?. Cytotherapy, 2014, 16, 577-578.	0.3	0
47	B7h Triggering Inhibits the Migration of Tumor Cell Lines. Journal of Immunology, 2014, 192, 4921-4931.	0.4	40
48	Chimeric Antigen Receptor Therapy for Cancer. Annual Review of Medicine, 2014, 65, 333-347.	5.0	319
49	Targeting co-stimulatory pathways: transplantation and autoimmunity. Nature Reviews Nephrology, 2014, 10, 14-24.	4.1	137
50	Candida-Elicited Murine Th17 Cells Express High CTLA-4 Compared with Th1 Cells and Are Resistant to Costimulation Blockade. Journal of Immunology, 2014, 192, 2495-2504.	0.4	28
51	Phenotype and functions of memory Tfh cells in human blood. Trends in Immunology, 2014, 35, 436-442.	2.9	365
52	Adoptive immunotherapy for cancer. Immunological Reviews, 2014, 257, 14-38.	2.8	119
53	Activating and Propagating Polyclonal Gamma Delta T Cells with Broad Specificity for Malignancies. Clinical Cancer Research, 2014, 20, 5708-5719.	3.2	114
54	Increased Production of Interleukin-17 Over Interleukin-10 by Treg Cells Implicates Inducible Costimulator Molecule in Experimental Spondyloarthritis. Arthritis and Rheumatology, 2014, 66, 2412-2422.	2.9	28

#	ARTICLE	IF	CITATIONS
55	Engagement of the ICOS pathway markedly enhances efficacy of CTLA-4 blockade in cancer immunotherapy. <i>Journal of Experimental Medicine</i> , 2014, 211, 715-725.	4.2	242
56	Association of Inducible T Cell Costimulator Polymorphisms with Susceptibility and Outcome of Hepatitis B Virus Infection in a Chinese Han Population. <i>Scandinavian Journal of Immunology</i> , 2015, 82, 275-281.	1.3	6
57	Inducible Costimulator Gene-Transduced Bone Marrow-Derived Mesenchymal Stem Cells Attenuate the Severity of Acute Graft-Versus-Host Disease in Mouse Models. <i>Cell Transplantation</i> , 2015, 24, 1717-1731.	1.2	12
58	Chimeric Antigen Receptor T-Cells. <i>Cancer Journal (Sudbury, Mass)</i> , 2015, 21, 475-479.	1.0	11
59	Harnessing the Therapeutic Potential of Th17 Cells. <i>Mediators of Inflammation</i> , 2015, 2015, 1-11.	1.4	32
60	The Inducible Costimulator Augments Tc17 Cell Responses to Self and Tumor Tissue. <i>Journal of Immunology</i> , 2015, 194, 1737-1747.	0.4	34
61	Antibody-Opsonized Bacteria Evoke an Inflammatory Dendritic Cell Phenotype and Polyfunctional Th Cells by Cross-Talk between TLRs and FcRs. <i>Journal of Immunology</i> , 2015, 194, 1856-1866.	0.4	33
62	Interleukin-22: Immunobiology and Pathology. <i>Annual Review of Immunology</i> , 2015, 33, 747-785.	9.5	679
63	Monogenic mutations differentially affect the quantity and quality of T follicular helper cells in patients with human primary immunodeficiencies. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 993-1006.e1.	1.5	181
64	Chimeric Antigen Receptor and TCR-Modified T Cells Enter Main Street and Wall Street. <i>Journal of Immunology</i> , 2015, 195, 755-761.	0.4	147
65	The pharmacology of second-generation chimeric antigen receptors. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 499-509.	21.5	411
66	Dendritic Cells in Irradiated Mice Trigger the Functional Plasticity and Antitumor Activity of Adoptively Transferred Tc17 Cells via IL12 Signaling. <i>Clinical Cancer Research</i> , 2015, 21, 2546-2557.	3.2	25
67	New insights into T-cell cosignaling in allograft rejection and survival. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 43-48.	0.8	8
68	Astute Clinician Report: A Novel 10bp Frameshift Deletion in Exon 2 of ICOS Causes a Combined Immunodeficiency Associated with an Enteritis and Hepatitis. <i>Journal of Clinical Immunology</i> , 2015, 35, 598-603.	2.0	30
69	Agonists of Co-stimulation in Cancer Immunotherapy Directed Against CD137, OX40, GITR, CD27, CD28, and ICOS. <i>Seminars in Oncology</i> , 2015, 42, 640-655.	0.8	179
70	Novel immunotherapies for hematologic malignancies. <i>Immunological Reviews</i> , 2015, 263, 90-105.	2.8	44
71	Going viral: chimeric antigen receptor T cell therapy for hematological malignancies. <i>Immunological Reviews</i> , 2015, 263, 68-89.	2.8	290
72	CAR T Cell Therapy: A Game Changer in Cancer Treatment. <i>Journal of Immunology Research</i> , 2016, 2016, 1-10.	0.9	122

#	ARTICLE	IF	CITATIONS
73	Interleukin-22 Signaling in the Regulation of Intestinal Health and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 85.	1.8	145
74	Interaction among activated lymphocytes and mesenchymal cells through podoplanin is critical for a high IL-17 secretion. <i>Arthritis Research and Therapy</i> , 2016, 18, 148.	1.6	45
75	Analysis of CXCR5+Th17 cells in relation to disease activity and TNF inhibitor therapy in Rheumatoid Arthritis. <i>Scientific Reports</i> , 2016, 6, 39474.	1.6	17
76	Chimeric antigen receptor-modified T cells strike back. <i>International Immunology</i> , 2016, 28, 355-363.	1.8	20
77	Inducible costimulator (ICOS) potentiates TCR-induced calcium flux by augmenting PLC β 3 activation and actin remodeling. <i>Molecular Immunology</i> , 2016, 79, 38-46.	1.0	22
79	Current status of chimeric antigen receptor therapy for haematological malignancies. <i>British Journal of Haematology</i> , 2016, 172, 11-22.	1.2	70
80	Transcriptional and functional characterization of CD137L-dendritic cells identifies a novel dendritic cell phenotype. <i>Scientific Reports</i> , 2016, 6, 29712.	1.6	10
81	Synthetic ROR γ agonists regulate multiple pathways to enhance antitumor immunity. <i>Oncolmmunology</i> , 2016, 5, e1254854.	2.1	68
82	Inducible T-cell co-stimulator ligand (ICOSL) blockade leads to selective inhibition of anti-KLH IgG responses in subjects with systemic lupus erythematosus. <i>Lupus Science and Medicine</i> , 2016, 3, e000146.	1.1	57
83	Improving therapy of chronic lymphocytic leukemia with chimeric antigen receptor T cells. <i>Seminars in Oncology</i> , 2016, 43, 291-299.	0.8	13
84	Exploiting IL-17-producing CD4+ and CD8+ T cells to improve cancer immunotherapy in the clinic. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 247-259.	2.0	35
85	Clinical pharmacology of CAR-T cells: Linking cellular pharmacodynamics to pharmacokinetics and antitumor effects. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1865, 90-100.	3.3	22
86	The Principles of Engineering Immune Cells to Treat Cancer. <i>Cell</i> , 2017, 168, 724-740.	13.5	844
87	Intratumoral modulation of the inducible co-stimulator ICOS by recombinant oncolytic virus promotes systemic anti-tumour immunity. <i>Nature Communications</i> , 2017, 8, 14340.	5.8	110
88	Practical considerations for chimeric antigen receptor design and delivery. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 961-978.	1.4	10
89	High frequencies of circulating Tfh-Th17 cells in myasthenia gravis patients. <i>Neurological Sciences</i> , 2017, 38, 1599-1608.	0.9	25
90	Interleukin-22 in human inflammatory diseases and viral infections. <i>Autoimmunity Reviews</i> , 2017, 16, 1209-1218.	2.5	67
91	Considerations in T Cell Therapy Product Development for B Cell Leukemia and Lymphoma Immunotherapy. <i>Current Hematologic Malignancy Reports</i> , 2017, 12, 335-343.	1.2	9

#	ARTICLE	IF	CITATIONS
92	Human CD26 ^{high} T cells elicit tumor immunity against multiple malignancies via enhanced migration and persistence. <i>Nature Communications</i> , 2017, 8, 1961.	5.8	67
93	Antigen-specific regulatory T cells: are police CARs the answer?. <i>Translational Research</i> , 2017, 187, 53-58.	2.2	39
94	Gene therapy in hematopoietic cell transplants. , 0, , 649-656.		0
96	CAR-T Cells: Next Generation Cancer Therapeutics. <i>Journal of the Indian Institute of Science</i> , 2018, 98, 21-31.	0.9	0
97	IL-23 and IL-1 β Drive Human Th17 Cell Differentiation and Metabolic Reprogramming in Absence of CD28 Costimulation. <i>Cell Reports</i> , 2018, 22, 2642-2653.	2.9	157
98	Targeting Wnt/ β -Catenin Signaling for Cancer Immunotherapy. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 648-658.	4.0	159
99	Dysregulated T cells in multiple sclerosis. <i>Clinical and Experimental Neuroimmunology</i> , 2018, 9, 20-29.	0.5	23
100	Activated T follicular helper-like cells are released into blood after oral vaccination and correlate with vaccine specific mucosal B-cell memory. <i>Scientific Reports</i> , 2018, 8, 2729.	1.6	51
101	The Major Orphan Forms of Ichthyosis Are Characterized by Systemic T-Cell Activation and Th-17/Tc-17/Th-22/Tc-22 Polarization in Blood. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2157-2167.	0.3	43
102	Engineering T cells for adoptive therapy: outsmarting the tumor. <i>Current Opinion in Immunology</i> , 2018, 51, 133-139.	2.4	10
103	When worlds collide: Th17 and Treg cells in cancer and autoimmunity. <i>Cellular and Molecular Immunology</i> , 2018, 15, 458-469.	4.8	331
104	Mechanistic insights into cancer immunity and immunotherapy. <i>Cellular and Molecular Immunology</i> , 2018, 15, 419-420.	4.8	30
105	ICOSL-augmented adenoviral-based vaccination induces a bipolar Th17/Th1 T cell response against unglycosylated MUC1 antigen. <i>Vaccine</i> , 2018, 36, 6262-6269.	1.7	6
106	<i>In Vitro</i> Priming of Adoptively Transferred T Cells with a ROR γ 1 Agonist Confers Durable Memory and Stemness <i>In Vivo</i> . <i>Cancer Research</i> , 2018, 78, 3888-3898.	0.4	30
107	CAR T Cells in Solid Tumors: Blueprints for Building Effective Therapies. <i>Frontiers in Immunology</i> , 2018, 9, 1740.	2.2	155
108	Inducible T-Cell Co-Stimulator Impacts Chronic Graft-Versus-Host Disease by Regulating Both Pathogenic and Regulatory T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1461.	2.2	19
109	Perspectives in immunotherapy: meeting report from the Immunotherapy Bridge (29-30 November, 2017), Tj ETQq0 0 0 rgBT /Overlock		12
110	NAD-Biosynthetic and Consuming Enzymes as Central Players of Metabolic Regulation of Innate and Adaptive Immune Responses in Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 1720.	2.2	52

#	ARTICLE	IF	CITATIONS
111	TLR7 and TLR8 activate distinct pathways in monocytes during RNA virus infection. <i>Science Signaling</i> , 2019, 12, .	1.6	129
112	<i>Helicobacter pylori</i> Deregulates T and B Cell Signaling to Trigger Immune Evasion. <i>Current Topics in Microbiology and Immunology</i> , 2019, 421, 229-265.	0.7	23
113	Selecting costimulatory domains for chimeric antigen receptors: functional and clinical considerations. <i>Clinical and Translational Immunology</i> , 2019, 8, e1049.	1.7	205
114	Co-stimulatory and co-inhibitory pathways in cancer immunotherapy. <i>Advances in Cancer Research</i> , 2019, 143, 145-194.	1.9	53
115	Dysregulation of T Follicular Helper Cells in Lupus. <i>Journal of Immunology</i> , 2019, 202, 1649-1658.	0.4	34
116	Lung Cancer Heterogeneity in Modulation of Th17/IL17A Responses. <i>Frontiers in Oncology</i> , 2019, 9, 1384.	1.3	7
117	Immune checkpoint blockade and its combination therapy with small-molecule inhibitors for cancer treatment. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 199-224.	3.3	53
118	Blood endotyping distinguishes the profile of vitiligo from that of other inflammatory and autoimmune skin diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2095-2107.	1.5	33
119	Emerging Cellular Therapies for Cancer. <i>Annual Review of Immunology</i> , 2019, 37, 145-171.	9.5	263
120	Î³ T Cells Promote Steatohepatitis by Orchestrating Innate and Adaptive Immune Programming. <i>Hepatology</i> , 2020, 71, 477-494.	3.6	41
121	Evolution of pathologic T-cell subsets in patients with atopic dermatitis from infancy to adulthood. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 215-228.	1.5	70
122	Targeting the interleukin-17 immune axis for cancer immunotherapy. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	105
123	Contributions of T cells in multiple sclerosis: what do we currently know?. <i>Journal of Neurology</i> , 2021, 268, 4587-4593.	1.8	15
124	A Distinct Transcriptional Program in Human CAR T Cells Bearing the 4-1BB Signaling Domain Revealed by scRNA-Seq. <i>Molecular Therapy</i> , 2020, 28, 2577-2592.	3.7	58
125	Immunosuppression in vascularized composite allotransplant: the search for an effective and safe treatment continues. <i>Transplant International</i> , 2020, 33, 1291-1293.	0.8	2
126	Role of effector T cells in multiple sclerosis. <i>Clinical and Experimental Neuroimmunology</i> , 2020, 11, 140-147.	0.5	3
127	IL6 Fuels Durable Memory for Th17 Cell-Mediated Responses to Tumors. <i>Cancer Research</i> , 2020, 80, 3920-3932.	0.4	16
128	c-MAF, a Swiss Army Knife for Tolerance in Lymphocytes. <i>Frontiers in Immunology</i> , 2020, 11, 206.	2.2	39

#	ARTICLE	IF	CITATIONS
129	CD28-Dependent CTLA-4 Expression Fine-Tunes the Activation of Human Th17 Cells. <i>Science</i> , 2020, 23, 100912.	1.9	5
130	IL-10 and IL-22 in Mucosal Immunity: Driving Protection and Pathology. <i>Frontiers in Immunology</i> , 2020, 11, 1315.	2.2	106
131	Identification of human CD4 ⁺ T cell populations with distinct antitumor activity. <i>Science Advances</i> , 2020, 6, .	4.7	27
132	Regulatory T cells and T helper 17 cells in viral infection. <i>Scandinavian Journal of Immunology</i> , 2020, 91, e12873.	1.3	48
133	Inclusion of Dap10 or 4-1BB costimulation domains in the chPD1 receptor enhances anti-tumor efficacy of T cells in murine models of lymphoma and melanoma. <i>Cellular Immunology</i> , 2020, 351, 104069.	1.4	15
134	The rationale behind targeting the ICOS-ICOS ligand costimulatory pathway in cancer immunotherapy. <i>ESMO Open</i> , 2020, 5, e000544.	2.0	95
135	Chimeric antigen receptorâ€modified Tâ€cell therapy for plateletâ€derived growth factor receptor Î±â€positive rhabdomyosarcoma. <i>Cancer</i> , 2020, 126, 2093-2100.	2.0	13
136	Regulation of mRNA stability by RBPs and noncoding RNAs contributing to the pathogenicity of Th17 cells. <i>RNA Biology</i> , 2021, 18, 647-656.	1.5	9
137	Lessons on SpA pathogenesis from animal models. <i>Seminars in Immunopathology</i> , 2021, 43, 207-219.	2.8	15
138	An enhanced level of LAMP-2A participates in CD4 ⁺ T cell hyperactivity in patients with primary biliary cholangitis. <i>Annals of Translational Medicine</i> , 2021, 9, 101-101.	0.7	5
139	Effective Activation and Expansion of Canine Lymphocytes Using a Novel Nano-Sized Magnetic Beads Approach. <i>Frontiers in Immunology</i> , 2021, 12, 604066.	2.2	8
140	Interleukin-22 Influences the Th1/Th17 Axis. <i>Frontiers in Immunology</i> , 2021, 12, 618110.	2.2	20
141	Beyond First-Line Immunotherapy: Potential Therapeutic Strategies Based on Different Pattern Progressions: Oligo and Systemic Progression. <i>Cancers</i> , 2021, 13, 1300.	1.7	10
143	The Potential of Harnessing IL-2-Mediated Immunosuppression to Prevent Pathogenic B Cell Responses. <i>Frontiers in Immunology</i> , 2021, 12, 667342.	2.2	6
144	B Cell-mediated Humoral Immunity in Chronic Hepatitis B Infection. <i>Journal of Clinical and Translational Hepatology</i> , 2021, 000, 000-000.	0.7	6
145	Neonatal T Helper 17 Responses Are Skewed Towards an Immunoregulatory Interleukin-22 Phenotype. <i>Frontiers in Immunology</i> , 2021, 12, 655027.	2.2	10
147	Follicular Helper CD4 ⁺ T Cells, Follicular Regulatory CD4 ⁺ T Cells, and Inducible Costimulator and Their Roles in Multiple Sclerosis and Experimental Autoimmune Encephalomyelitis. <i>Mediators of Inflammation</i> , 2021, 2021, 1-10.	1.4	14
148	Interactome Networks of FOSL1 and FOSL2 in Human Th17 Cells. <i>ACS Omega</i> , 2021, 6, 24834-24847.	1.6	6

#	ARTICLE	IF	CITATIONS
149	Poor CD4+ T Cell Immunogenicity Limits Humoral Immunity to P.Âfalciparum Transmission-Blocking Candidate Pfs25 in Humans. <i>Frontiers in Immunology</i> , 2021, 12, 732667.	2.2	6
150	Approaches of T Cell Activation and Differentiation for CAR-T Cell Therapies. <i>Methods in Molecular Biology</i> , 2020, 2086, 203-211.	0.4	7
151	Interleukin-10 Family Cytokines Immunobiology and Structure. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1172, 79-96.	0.8	60
152	Role of Co-stimulatory Molecules in T Helper Cell Differentiation. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1189, 153-177.	0.8	19
153	STING agonist promotes CAR T cell trafficking and persistence in breast cancer. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	84
154	Anti-ICOS mAb Targets Pathogenic IL-17A-expressing Cells in Canine Model of Chronic GVHD. <i>Transplantation</i> , 2021, 105, 1008-1016.	0.5	2
155	Proteomics analysis reveals a Th17-prone cell population in presymptomatic graft-versus-host disease. <i>JCI Insight</i> , 2016, 1, .	2.3	37
156	Î²-catenin and PI3KÎ inhibition expands precursor Th17 cells with heightened stemness and antitumor activity. <i>JCI Insight</i> , 2017, 2, .	2.3	35
157	Th17 cells are refractory to senescence and retain robust antitumor activity after long-term ex vivo expansion. <i>JCI Insight</i> , 2017, 2, e90772.	2.3	54
158	An activated Th17-prone T cell subset involved in chronic graft-versus-host disease sensitive to pharmacological inhibition. <i>JCI Insight</i> , 2017, 2, .	2.3	53
159	TYK2 inhibition reduces type 3 immunity and modifies disease progression in murine spondyloarthritis. <i>Journal of Clinical Investigation</i> , 2020, 130, 1863-1878.	3.9	51
160	Single residue in CD28-costimulated CAR-T cells limits long-term persistence and antitumor durability. <i>Journal of Clinical Investigation</i> , 2020, 130, 3087-3097.	3.9	110
161	The NF-Î²B regulator MALT1 determines the encephalitogenic potential of Th17 cells. <i>Journal of Clinical Investigation</i> , 2012, 122, 4698-4709.	3.9	106
162	Polyfunctional T-Cell Responses Are Disrupted by the Ovarian Cancer Ascites Environment and Only Partially Restored by Clinically Relevant Cytokines. <i>PLoS ONE</i> , 2010, 5, e15625.	1.1	27
163	Anti-Chlamydial Th17 Responses Are Controlled by the Inducible Costimulator Partially through Phosphoinositide 3-Kinase Signaling. <i>PLoS ONE</i> , 2012, 7, e52657.	1.1	28
164	IL-17 Enhances Chemotaxis of Primary Human B Cells during Asthma. <i>PLoS ONE</i> , 2014, 9, e114604.	1.1	20
165	Development of interleukin-17-producing VÎ³2+ Î³Î³ T cells is reduced by ICOS signaling in the thymus. <i>Oncotarget</i> , 2016, 7, 19341-19354.	0.8	24
166	Modulating Co-Stimulation During Antigen Presentation to Enhance Cancer Immunotherapy. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2012, 12, 224-235.	0.5	45

#	ARTICLE	IF	CITATIONS
167	Manipulating the Metabolism to Improve the Efficacy of CAR T-Cell Immunotherapy. <i>Cells</i> , 2021, 10, 14.	1.8	34
168	Immune evasion strategies used by <i>Helicobacter pylori</i> . <i>World Journal of Gastroenterology</i> , 2014, 20, 12753.	1.4	92
169	The human application of gene therapy to re-program T-cell specificity using chimeric antigen receptors. <i>Chinese Journal of Cancer</i> , 2014, 33, 421-433.	4.9	9
171	T-bet: A Critical Regulator of Encephalitogenic T Cells. , 2013, , 49-70.		0
172	Interleukin-22: A Bridge Between Epithelial Innate Host Defense and Immune Cells. , 2014, , 147-177.		0
173	Th17 Cells in Cancer. , 2014, , 37-75.		0
174	Quality of CTL Therapies: A Changing Landscape. Resistance To Targeted Anti-cancer Therapeutics, 2015, , 303-349.	0.1	0
175	Immunopharmacologic Approaches to Treat Cancer. , 2016, , 397-425.		0
176	Role of Th17 cell in tissue inflammation and organ-specific autoimmunity. , 2022, , 93-121.		2
179	T Helper Cells Fate Mapping by Co-stimulatory Molecules and its Functions in Allograft Rejection and Tolerance. <i>International Journal of Organ Transplantation Medicine</i> , 2014, 5, 97-110.	0.5	16
180	The Basics of Artificial Antigen Presenting Cells in T Cell-Based Cancer Immunotherapies. <i>Journal of Immunology Research and Therapy</i> , 2017, 2, 68-79.	1.0	20
181	Antitumor effects and persistence of a novel HER2 CAR T cells directed to gastric cancer in preclinical models. <i>American Journal of Cancer Research</i> , 2018, 8, 106-119.	1.4	18
183	Association between polymorphisms and risk of colorectal cancer: a case-control study involving 2,606 subjects. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 2822-2830.	0.5	0
184	Improving the ability of CAR-T cells to hit solid tumors: Challenges and strategies. <i>Pharmacological Research</i> , 2022, 175, 106036.	3.1	31
185	B cells imprint adoptively transferred CD8 ⁺ T cells with enhanced tumor immunity. , 2022, 10, e003078.		7
186	Remodeling metabolic fitness: Strategies for improving the efficacy of chimeric antigen receptor T cell therapy. <i>Cancer Letters</i> , 2022, 529, 139-152.	3.2	18
187	ICOS Gene Polymorphisms (IVS1 + 173 T/C and c. 1624 C/T) in Primary Sjögren's Syndrome Patients: Analysis of ICOS Expression. <i>Current Issues in Molecular Biology</i> , 2022, 44, 764-776.	1.0	3
188	A Pathogenic Th17/CD38 ⁺ Macrophage Feedback Loop Drives Inflammatory Arthritis through TNF- α . <i>Journal of Immunology</i> , 2022, 208, 1315-1328.	0.4	6

#	ARTICLE	IF	CITATIONS
189	STAT3 Role in T-Cell Memory Formation. International Journal of Molecular Sciences, 2022, 23, 2878.	1.8	10
190	Interleukin-22 in Renal Protection and Its Pathological Role in Kidney Diseases. Frontiers in Immunology, 2022, 13, 851818.	2.2	3
192	Trafficking and persistence of alloantigen-specific chimeric antigen receptor regulatory T cells in Cynomolgus macaque. Cell Reports Medicine, 2022, 3, 100614.	3.3	7
194	The landscape of chimeric antigen receptor T cell therapy in breast cancer: Perspectives and outlook. Frontiers in Immunology, 0, 13, .	2.2	2
195	Parallel CD19/CD20 CAR-Activated T-Cells Are More Effective for Refractory B-Cell Lymphoma In Vitro and In Vivo. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	3
196	CAR-T cell potency: from structural elements to vector backbone components. Biomarker Research, 2022, 10, .	2.8	14
197	Immuno-PET Monitoring of CD8+ T Cell Infiltration Post ICOS Agonist Antibody Treatment Alone and in Combination with PD-1 Blocking Antibody Using a 89Zr Anti-CD8+ Mouse Minibody in EMT6 Syngeneic Tumor Mouse. Molecular Imaging and Biology, 2023, 25, 528-540.	1.3	1
198	Metabolic requirements of Th17 cells and of B cells: Regulation and defects in health and in inflammatory diseases. Frontiers in Immunology, 0, 13, .	2.2	5
200	Targeting CAR T Cells'™ Metabolic Pathways to Boost Their Effectiveness Against Tumors. , 2023, , 1-19.		0
201	The role of Th17 cells in chronic lymphocytic leukemia: friend or foe?. Blood Advances, 2023, 7, 2401-2417.	2.5	1
202	Interleukin 27 is a novel cytokine with anti-inflammatory effects against spondyloarthritis through the suppression of Th17 responses. Frontiers in Immunology, 0, 13, .	2.2	1
203	Targeting Cbl-b in cancer immunotherapy. , 2023, 11, e006007.		14
204	Non-Redundant Roles of T Cell Costimulation Pathways in Inflammatory Arthritis Revealed by Dual Blockade of ICOS and CD28 with Acazicolcept (ALPN-101). Arthritis and Rheumatology, 2023, 75, 1344-1356.	2.9	3
205	Role and Potential of Different T Helper Cell Subsets in Adoptive Cell Therapy. Cancers, 2023, 15, 1650.	1.7	2
206	Targeting of chimeric antigen receptor T cell metabolism to improve therapeutic outcomes. Frontiers in Immunology, 0, 14, .	2.2	4
207	Systemic Administration of Acazicolcept, a Dual CD28 and Inducible T cell Costimulator Inhibitor, Ameliorates Experimental Autoimmune Uveitis. Translational Vision Science and Technology, 2023, 12, 27.	1.1	0
208	Immune checkpoints on T and NK cells in the context of HBV infection: Landscape, pathophysiology and therapeutic exploitation. Frontiers in Immunology, 0, 14, .	2.2	2
209	Augmenting TCR signal strength and ICOS costimulation results in metabolically fit and therapeutically potent human CAR Th17 cells. Molecular Therapy, 2023, 31, 2120-2131.	3.7	2

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------