

Emerging concepts of T cell metabolism as a target of in

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nitric Oxide Synthase 2 Improves Proliferation and Glycolysis of Peripheral $\beta$ T Cells. <i>PLoS ONE</i> , 2016, 11, e0165639.	1.1	11
2	Neuroimmune Modulation of Gut Function. <i>Handbook of Experimental Pharmacology</i> , 2016, 239, 247-267.	0.9	19
3	The effect of immunosuppressive molecules on T-cell metabolic reprogramming. <i>Biochimie</i> , 2016, 127, 23-36.	1.3	53
4	Probing the Diversity of T Cell Dysfunction in Cancer. <i>Cell</i> , 2016, 166, 1362-1364.	13.5	16
5	Regulatory circuits of T cell function in cancer. <i>Nature Reviews Immunology</i> , 2016, 16, 599-611.	10.6	445
6	Serine and one-carbon metabolism in cancer. <i>Nature Reviews Cancer</i> , 2016, 16, 650-662.	12.8	669
7	Diisopropylethylamine/hexafluoroisopropanol-mediated ion-pairing ultra-high-performance liquid chromatography/mass spectrometry for phosphate and carboxylate metabolite analysis: utility for studying cellular metabolism. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1835-1845.	0.7	45
8	Adipose tissue at the nexus of systemic and cellular immunometabolism. <i>Seminars in Immunology</i> , 2016, 28, 431-440.	2.7	55
9	Improving Donation Rates in Taiwan. <i>Transplantation</i> , 2016, 100, 2235-2237.	0.5	10
11	From Pipe Dream to Donor-Specific PC Elimination. <i>Transplantation</i> , 2016, 100, 2238-2239.	0.5	1
12	Wanted. <i>Transplantation</i> , 2016, 100, 2239-2241.	0.5	1
13	Levi Jay Hammond and the First Human Organ Transplantations in 1911. <i>Transplantation</i> , 2016, 100, 2241-2243.	0.5	0
14	Diet induced obesity has an influence on intrahepatic T cell responses. <i>Metabolism: Clinical and Experimental</i> , 2017, 69, 171-176.	1.5	5
15	Safety and activity of pembrolizumab in patients with locally advanced or metastatic urothelial cancer (KEYNOTE-012): a non-randomised, open-label, phase 1b study. <i>Lancet Oncology</i> , The, 2017, 18, 212-220.	5.1	307
16	Fungal Vaccines and Immunotherapeutics: Current Concepts and Future Challenges. <i>Current Fungal Infection Reports</i> , 2017, 11, 16-24.	0.9	6
17	Parasites, nutrition, immune responses and biology of metabolic tissues. <i>Parasite Immunology</i> , 2017, 39, e12422.	0.7	33
18	Metabolic origins of spatial organization in the tumor microenvironment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2934-2939.	3.3	259
19	Primary, Adaptive, and Acquired Resistance to Cancer Immunotherapy. <i>Cell</i> , 2017, 168, 707-723.	13.5	3,483

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20	The bioenergetics of inflammation: insights into obesity and type 2 diabetes. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 904-912.	1.3	40
21	The Role of Vitamin D in the Immune System as a Pro-survival Molecule. <i>Clinical Therapeutics</i> , 2017, 39, 894-916.	1.1	88
22	Regulatory T cells as suppressors of anti-tumor immunity: Role of metabolism. <i>Cytokine and Growth Factor Reviews</i> , 2017, 35, 15-25.	3.2	33
23	Metabolic reprogramming of anti-tumor immunity. <i>Current Opinion in Immunology</i> , 2017, 46, 14-22.	2.4	85
24	A novel dual-ratiometric-response fluorescent probe for SO <sub>2</sub> /ClO <sup>-</sup> detection in cells and in vivo and its application in exploring the dichotomous role of SO <sub>2</sub> under the ClO <sup>-</sup> induced oxidative stress. <i>Biomaterials</i> , 2017, 133, 82-93.	5.7	136
25	Gastrointestinal Pharmacology. <i>Handbook of Experimental Pharmacology</i> , 2017, , .	0.9	13
26	Biochemical Underpinnings of Immune Cell Metabolic Phenotypes. <i>Immunity</i> , 2017, 46, 703-713.	6.6	107
27	Reenergizing T cell anti-tumor immunity by harnessing immunometabolic checkpoints and machineries. <i>Current Opinion in Immunology</i> , 2017, 46, 38-44.	2.4	40
28	Transcriptional and epigenetic regulation of T cell hyporesponsiveness. <i>Journal of Leukocyte Biology</i> , 2017, 102, 601-615.	1.5	39
29	In situ quantification and evaluation of ClO <sup>-</sup> /H <sub>2</sub> O <sub>2</sub> homeostasis in inflammatory gastric tissue by applying a rationally designed dual-response fluorescence probe featuring a novel H <sup>+</sup> -activated mechanism. <i>Analyst</i> , 2017, 142, 1619-1627.	1.7	23
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31	Tissue-resident memory T cells live off the fat of the land. <i>Cell Research</i> , 2017, 27, 847-848.	5.7	5
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36	A Stat6/Pten Axis Links Regulatory T Cells with Adipose Tissue Function. <i>Cell Metabolism</i> , 2017, 26, 475-492.e7.	7.2	71
37	Exploring Metabolic Configurations of Single Cells within Complex Tissue Microenvironments. <i>Cell Metabolism</i> , 2017, 26, 788-800.e6.	7.2	81

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39	Metabolic reprogramming during hepatitis B disease progression offers novel diagnostic and therapeutic opportunities. <i>Antiviral Chemistry and Chemotherapy</i> , 2017, 25, 53-57.	0.3	29
40	Metabolic Regulation of T Cell Longevity and Function in Tumor Immunotherapy. <i>Cell Metabolism</i> , 2017, 26, 94-109.	7.2	374
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42	The immunoregulatory role of alpha enolase in dendritic cell function during Chlamydia infection. <i>BMC Immunology</i> , 2017, 18, 27.	0.9	42
43	Molecular imaging biomarkers for cell-based immunotherapies. <i>Journal of Translational Medicine</i> , 2017, 15, 140.	1.8	11
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47	Nutrient and Metabolic Sensing in T Cell Responses. <i>Frontiers in Immunology</i> , 2017, 8, 247.	2.2	82
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51	A 3D microfluidic model for preclinical evaluation of TCR-engineered T cells against solid tumors. <i>JCI Insight</i> , 2017, 2, .	2.3	169
52	Functional differences between PD-1+ and PD-1- CD4+ effector T cells in healthy donors and patients with glioblastoma multiforme. <i>PLoS ONE</i> , 2017, 12, e0181538.	1.1	34
53	Assessment of metabolic and mitochondrial dynamics in CD4+ and CD8+ T cells in virologically suppressed HIV-positive individuals on combination antiretroviral therapy. <i>PLoS ONE</i> , 2017, 12, e0183931.	1.1	29
54	Inhibition of arginase by CB-1158 blocks myeloid cell-mediated immune suppression in the tumor microenvironment. , 2017, 5, 101.		307
55	D-2-hydroxyglutarate interferes with HIF-1 $\alpha$ stability skewing T-cell metabolism towards oxidative phosphorylation and impairing Th17 polarization. <i>Oncolmmunology</i> , 2018, 7, e1445454.	2.1	97

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57	A Pan-cancer Landscape of Interactions between Solid Tumors and Infiltrating Immune Cell Populations. <i>Clinical Cancer Research</i> , 2018, 24, 3717-3728.	3.2	267
58	PI3K–Akt signaling controls PFKFB3 expression during human T-lymphocyte activation. <i>Molecular and Cellular Biochemistry</i> , 2018, 448, 187-197.	1.4	19
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62	Immune checkpoint blockade therapy. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1403-1414.	1.5	79
63	In Vitro Modeling of Tumor–Immune System Interaction. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 314-323.	2.6	21
64	Combination therapy strategies for improving PD–1 blockade efficacy: a new era in cancer immunotherapy. <i>Journal of Internal Medicine</i> , 2018, 283, 110-120.	2.7	162
65	A review of the basics of mitochondrial bioenergetics, metabolism, and related signaling pathways in cancer cells: Therapeutic targeting of tumor mitochondria with lipophilic cationic compounds. <i>Redox Biology</i> , 2018, 14, 316-327.	3.9	166
66	Bioengineering Solutions for Manufacturing Challenges in CAR T Cells. <i>Biotechnology Journal</i> , 2018, 13, 1700095.	1.8	56
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68	Targeting immuno-metabolism to improve anti-cancer therapies. <i>Cancer Letters</i> , 2018, 414, 127-135.	3.2	13
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73	The hallmarks of successful anticancer immunotherapy. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	419

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75	Oxygen-dependent regulation of immune checkpoint mechanisms. <i>International Immunology</i> , 2018, 30, 335-343.	1.8	26
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85	Improving the Efficiency of $\hat{V}^{39}\hat{V}^2$ T-Cell Immunotherapy in Cancer. <i>Frontiers in Immunology</i> , 2018, 9, 800.	2.2	123
86	Transforming Growth Factor- $\hat{I}^2$ and Interleukin-10 Synergistically Regulate Humoral Immunity via Modulating Metabolic Signals. <i>Frontiers in Immunology</i> , 2018, 9, 1364.	2.2	79
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88	Upregulation of Glucose Uptake and Hexokinase Activity of Primary Human CD4+ T Cells in Response to Infection with HIV-1. <i>Viruses</i> , 2018, 10, 114.	1.5	59
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90	Metabolic Checkpoints: Novel Avenues for Immunotherapy of Cancer. <i>Frontiers in Immunology</i> , 2018, 9, 1816.	2.2	34
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96	Metabolic plasticity of HIV-specific CD8+ T cells is associated with enhanced antiviral potential and natural control of HIV-1 infection. <i>Nature Metabolism</i> , 2019, 1, 704-716.	5.1	72
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98	Pharmacological Targeting of GLUT1 to Control Autoreactive T Cell Responses. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4962.	1.8	25
99	Adenosine mediates functional and metabolic suppression of peripheral and tumor-infiltrating CD8+ T cells. , 2019, 7, 257.		120
100	Suppressing immunotherapy by organ-specific tumor microenvironments: what is in the brain?. <i>Cell and Bioscience</i> , 2019, 9, 82.	2.1	6
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104	Differential effects of 2-deoxy-D-glucose on in vitro expanded human regulatory T cell subsets. <i>PLoS ONE</i> , 2019, 14, e0217761.	1.1	21
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108	Bioluminescent-based imaging and quantification of glucose uptake in vivo. <i>Nature Methods</i> , 2019, 16, 526-532.	9.0	54
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112	The Transcription Factor TCF1 Preserves the Effector Function of Exhausted CD8 T Cells During Chronic Viral Infection. <i>Frontiers in Immunology</i> , 2019, 10, 169.	2.2	66
113	Mitochondrial superoxide disrupts the metabolic and epigenetic landscape of CD4+ and CD8+ T-lymphocytes. <i>Redox Biology</i> , 2019, 27, 101141.	3.9	23
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117	A coumarin based fluorescent probe for rapidly distinguishing of hypochlorite and copper (II) ion in organisms. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 208, 299-308.	2.0	23
118	Targeting PIM Kinase with PD1 Inhibition Improves Immunotherapeutic Antitumor T-cell Response. <i>Clinical Cancer Research</i> , 2019, 25, 1036-1049.	3.2	41
119	The ERK and JNK pathways in the regulation of metabolic reprogramming. <i>Oncogene</i> , 2019, 38, 2223-2240.	2.6	244
120	A new fast response colorimetric and fluorescent probe for the detection of bisulfite and its application on test strips. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 1497-1505.	1.8	0
121	PGC-1 $\alpha$ activator-induced fatty acid oxidation in tumor-infiltrating CTLs enhances effects of PD-1 blockade therapy in lung cancer. <i>Tumori</i> , 2020, 106, 55-63.	0.6	29
122	Severity of the autoimmune encephalomyelitis symptoms in mouse model by inhibition of LAT-1 transporters. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 481-491.	2.7	1
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125	The Systemic Metabolic Profile Early after Allogeneic Stem Cell Transplantation: Effects of Adequate Energy Support Administered through Enteral Feeding Tube. <i>Biology of Blood and Marrow Transplantation</i> , 2020, 26, 380-391.	2.0	6
126	An ultra-fast, NIR, mitochondria-targeted fluorescent probe for sulfur dioxide based on benzopyrylium and its imaging of in living cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127336.	4.0	35
127	Circulating Exosomes Control CD4+ T Cell Immunometabolic Functions via the Transfer of miR-142 as a Novel Mediator in Myocarditis. <i>Molecular Therapy</i> , 2020, 28, 2605-2620.	3.7	18

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128	Targeting Immunometabolism Mediated by CD73 Pathway in EGFR-Mutated Non-small Cell Lung Cancer: A New Hope for Overcoming Immune Resistance. <i>Frontiers in Immunology</i> , 2020, 11, 1479.	2.2	30
129	Themis regulates metabolic signaling and effector functions in CD4+ T cells by controlling NFAT nuclear translocation. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2249-2261.	4.8	10
130	Combination of metabolic intervention and T cell therapy enhances solid tumor immunotherapy. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	85
131	Cereblon harnesses Myc-dependent bioenergetics and activity of CD8+ T lymphocytes. <i>Blood</i> , 2020, 136, 857-870.	0.6	18
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133	Targeting tumor microenvironment as a treatment strategy for hepatocellular carcinoma. <i>Hepatobiliary Surgery and Nutrition</i> , 2020, 9, 794-796.	0.7	6
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136	Chimeric Antigen Receptor T Cell Exhaustion during Treatment for Hematological Malignancies. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	10
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138	T cells with dysfunctional mitochondria induce multimorbidity and premature senescence. <i>Science</i> , 2020, 368, 1371-1376.	6.0	286
139	A turn-on fluorescent probe based on quinoline and coumarin for rapid, selective and sensitive detection of hypochlorite in water samples. <i>Luminescence</i> , 2020, 35, 1231-1237.	1.5	3
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141	T Cell Dysfunction and Exhaustion in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 17.	1.8	226
142	Plasticity in T-cell mitochondrial metabolism: A necessary peacekeeper during the troubled times of persistent HIV-1 infection. <i>Cytokine and Growth Factor Reviews</i> , 2020, 55, 26-36.	3.2	7
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146	Use of Multi-Site Radiation Therapy for Systemic Disease Control. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 352-364.	0.4	34
147	Targeting metabolism to reverse Tâ€cell exhaustion in chronic viral infections. <i>Immunology</i> , 2021, 162, 135-144.	2.0	23
148	Joining Forces: Improving Clinical Response to Cellular Immunotherapies with Small-Molecule Inhibitors. <i>Trends in Molecular Medicine</i> , 2021, 27, 75-90.	3.5	5
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150	Thymus involution sets the clock of the aging T-cell landscape: Implications for declined immunity and tissue repair. <i>Ageing Research Reviews</i> , 2021, 65, 101231.	5.0	32
151	Reversible fluorescent probe for visually monitoring the concentration-dependent dynamic correlations among HOCl, H2S, and Ca2+ in neurons. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129213.	4.0	27
152	A metabolic switch to memory CAR T cells: Implications for cancer treatment. <i>Cancer Letters</i> , 2021, 500, 107-118.	3.2	21
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157	Dichloroacetate reverses sepsis-induced hepatic metabolic dysfunction. <i>ELife</i> , 2021, 10, .	2.8	39
158	Metabolism of Innate Immune Cells in Cancer. <i>Cancers</i> , 2021, 13, 904.	1.7	29
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