

Ping-Chih Ho

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

8,216
citations

101543

36
h-index

95266

68
g-index

81
all docs

81
docs citations

81
times ranked

12477
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphoenolpyruvate Is a Metabolic Checkpoint of Anti-tumor T Cell Responses. <i>Cell</i> , 2015, 162, 1217-1228.	28.9	1,044
2	A transcriptionally and functionally distinct PD-1+ CD8+ T cell pool with predictive potential in non-small-cell lung cancer treated with PD-1 blockade. <i>Nature Medicine</i> , 2018, 24, 994-1004.	30.7	783
3	Î±-ketoglutarate orchestrates macrophage activation through metabolic and epigenetic reprogramming. <i>Nature Immunology</i> , 2017, 18, 985-994.	14.5	715
4	Navigating metabolic pathways to enhance antitumour immunity and immunotherapy. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 425-441.	27.6	452
5	Regulatory circuits of T cell function in cancer. <i>Nature Reviews Immunology</i> , 2016, 16, 599-611.	22.7	445
6	Lactate modulation of immune responses in inflammatory versus tumour microenvironments. <i>Nature Reviews Immunology</i> , 2021, 21, 151-161.	22.7	330
7	CD36-mediated metabolic adaptation supports regulatory T cell survival and function in tumors. <i>Nature Immunology</i> , 2020, 21, 298-308.	14.5	326
8	IL-7-Induced Glycerol Transport and TAG Synthesis Promotes Memory CD8+ T Cell Longevity. <i>Cell</i> , 2015, 161, 750-761.	28.9	268
9	Uptake of oxidized lipids by the scavenger receptor CD36 promotes lipid peroxidation and dysfunction in CD8+ T cells in tumors. <i>Immunity</i> , 2021, 54, 1561-1577.e7.	14.3	260
10	The Interleukin-2-mTORc1 Kinase Axis Defines the Signaling, Differentiation, and Metabolism of T Helper 1 and Follicular B Helper T Cells. <i>Immunity</i> , 2015, 43, 690-702.	14.3	252
11	Disturbed mitochondrial dynamics in CD8+ TILs reinforce T cell exhaustion. <i>Nature Immunology</i> , 2020, 21, 1540-1551.	14.5	252
12	Immunity, Hypoxia, and Metabolism—the “Trois” of Cancer: Implications for Immunotherapy. <i>Physiological Reviews</i> , 2020, 100, 1-102.	28.8	190
13	CTLA-4 blockade drives loss of Treg stability in glycolysis-low tumours. <i>Nature</i> , 2021, 591, 652-658.	27.8	187
14	Metabolic and epigenetic regulation of T-cell exhaustion. <i>Nature Metabolism</i> , 2020, 2, 1001-1012.	11.9	167
15	Metabolic reprogramming of terminally exhausted CD8+ T cells by IL-10 enhances anti-tumor immunity. <i>Nature Immunology</i> , 2021, 22, 746-756.	14.5	160
16	Metabolic Regulation of Tregs in Cancer: Opportunities for Immunotherapy. <i>Trends in Cancer</i> , 2017, 3, 583-592.	7.4	151
17	The NAD-Booster Nicotinamide Riboside Potently Stimulates Hematopoiesis through Increased Mitochondrial Clearance. <i>Cell Stem Cell</i> , 2019, 24, 405-418.e7.	11.1	143
18	ER Stress Responses: An Emerging Modulator for Innate Immunity. <i>Cells</i> , 2020, 9, 695.	4.1	130

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19	Adenosine mediates functional and metabolic suppression of peripheral and tumor-infiltrating CD8+ T cells. , 2019, 7, 257.		120
20	Macrophage-derived glutamine boosts satellite cells and muscle regeneration. Nature, 2020, 587, 626-631.	27.8	119
21	Immune-Based Antitumor Effects of BRAF Inhibitors Rely on Signaling by CD40L and IFN γ . Cancer Research, 2014, 74, 3205-3217.	0.9	107
22	Metabolic communication in tumors: a new layer of immunoregulation for immune evasion. , 2016, 4, 4.		105
23	NF- κ B-mediated degradation of the coactivator RIP140 regulates inflammatory responses and contributes to endotoxin tolerance. Nature Immunology, 2012, 13, 379-386.	14.5	102
24	Enforced PGC-1 α expression promotes CD8 T cell fitness, memory formation and antitumor immunity. Cellular and Molecular Immunology, 2021, 18, 1761-1771.	10.5	73
25	Tumor-induced reshuffling of lipid composition on the endoplasmic reticulum membrane sustains macrophage survival and pro-tumorigenic activity. Nature Immunology, 2021, 22, 1403-1415.	14.5	72
26	PERK is a critical metabolic hub for immunosuppressive function in macrophages. Nature Immunology, 2022, 23, 431-445.	14.5	72
27	Cholesterol regulation of receptor-interacting protein 140 <i>via</i> microRNA-33 in inflammatory cytokine production. FASEB Journal, 2011, 25, 1758-1766.	0.5	70
28	Immunometabolism in cancer at a glance. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	70
29	The mitochondrial pyruvate carrier regulates memory T cell differentiation and antitumor function. Cell Metabolism, 2022, 34, 731-746.e9.	16.2	63
30	A Negative Regulatory Pathway of GLUT4 Trafficking in Adipocyte: New Function of RIP140 in the Cytoplasm via AS160. Cell Metabolism, 2009, 10, 516-523.	16.2	62
31	Uncoupling protein 2 reprograms the tumor microenvironment to support the anti-tumor immune cycle. Nature Immunology, 2019, 20, 206-217.	14.5	51
32	Sculpting tumor microenvironment with immune system: from immunometabolism to immunoediting. Clinical and Experimental Immunology, 2019, 197, 153-160.	2.6	48
33	Mitochondria: A master regulator in macrophage and T cell immunity. Mitochondrion, 2018, 41, 45-50.	3.4	45
34	PPAR δ drives IL-33-dependent ILC2 pro-tumoral functions. Nature Communications, 2021, 12, 2538.	12.8	44
35	The transcription factor Rfx7 limits metabolism of NK cells and promotes their maintenance and immunity. Nature Immunology, 2018, 19, 809-820.	14.5	42
36	Metabolic programs tailor T cell immunity in viral infection, cancer, and aging. Cell Metabolism, 2022, 34, 378-395.	16.2	41

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37	Modulation of lysine acetylation-stimulated repressive activity by Erk2-mediated phosphorylation of RIP140 in adipocyte differentiation. <i>Cellular Signalling</i> , 2008, 20, 1911-1919.	3.6	40
38	Reenergizing T cell anti-tumor immunity by harnessing immunometabolic checkpoints and machineries. <i>Current Opinion in Immunology</i> , 2017, 46, 38-44.	5.5	40
39	CD56 as a marker of an ILC1-like population with NK cell properties that is functionally impaired in AML. <i>Blood Advances</i> , 2019, 3, 3674-3687.	5.2	40
40	Metabolic programming in dendritic cells tailors immune responses and homeostasis. <i>Cellular and Molecular Immunology</i> , 2022, 19, 370-383.	10.5	38
41	Mitochondrial Control and Guidance of Cellular Activities of T Cells. <i>Frontiers in Immunology</i> , 2017, 8, 473.	4.8	33
42	Fueling T-cell Antitumor Immunity: Amino Acid Metabolism Revisited. <i>Cancer Immunology Research</i> , 2021, 9, 1373-1382.	3.4	33
43	Sustained androgen receptor signaling is a determinant of melanoma cell growth potential and tumorigenesis. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	31
44	Cytoplasmic receptor-interacting protein 140 (RIP140) interacts with perilipin to regulate lipolysis. <i>Cellular Signalling</i> , 2011, 23, 1396-1403.	3.6	29
45	Fifty Shades of α -Ketoglutarate on Cellular Programming. <i>Molecular Cell</i> , 2019, 76, 1-3.	9.7	29
46	Shp-2 is critical for ERK and metabolic engagement downstream of IL-15 receptor in NK cells. <i>Nature Communications</i> , 2019, 10, 1444.	12.8	29
47	Tumor regression mediated by oncogene withdrawal or erlotinib stimulates infiltration of inflammatory immune cells in EGFR mutant lung tumors. , 2019, 7, 172.		26
48	Notch regulates Th17 differentiation and controls trafficking of IL-17 and metabolic regulators within Th17 cells in a context-dependent manner. <i>Scientific Reports</i> , 2016, 6, 39117.	3.3	25
49	Single-cell transcriptomics identifies multiple pathways underlying antitumor function of TCR- and CD8 α ^{hi} β ² -engineered human CD4 ⁺ T cells. <i>Science Advances</i> , 2020, 6, eaaz7809.	10.3	24
50	Targeting PIM1-Mediated Metabolism in Myeloid Suppressor Cells to Treat Cancer. <i>Cancer Immunology Research</i> , 2021, 9, 454-469.	3.4	23
51	DC Decision-making in tumors governs T cell anti-tumor immunity. <i>Oncogene</i> , 2021, 40, 5253-5261.	5.9	22
52	Tape-Stripping Electrochemical Detection of Melanoma. <i>Analytical Chemistry</i> , 2019, 91, 12900-12908.	6.5	21
53	Negative regulation of adiponectin secretion by receptor interacting protein 140 (RIP140). <i>Cellular Signalling</i> , 2012, 24, 71-76.	3.6	20
54	Determining Macrophage Polarization upon Metabolic Perturbation. <i>Methods in Molecular Biology</i> , 2019, 1862, 173-186.	0.9	17

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55	A mouse SWATH-MS reference spectral library enables deconvolution of species-specific proteomic alterations in human tumour xenografts. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	16
56	miR-155 Overexpression in OT-1 CD8+ T Cells Improves Anti-Tumor Activity against Low-Affinity Tumor Antigen. <i>Molecular Therapy - Oncolytics</i> , 2020, 16, 111-123.	4.4	15
57	Biological Activities of Receptor-interacting Protein 140 in Adipocytes and Metabolic Diseases. <i>Current Diabetes Reviews</i> , 2012, 8, 452-457.	1.3	15
58	Metabolic dynamics instruct CD8 ⁺ T cell differentiation and functions. <i>European Journal of Immunology</i> , 2022, 52, 541-549.	2.9	15
59	Lipid-loaded macrophages as new therapeutic target in cancer. , 2022, 10, e004584.		13
60	Endothelin-1 promotes cytoplasmic accumulation of RIP140 through a ETA \rightarrow PLC β \rightarrow PKC μ pathway. <i>Molecular and Cellular Endocrinology</i> , 2012, 351, 176-183.	3.2	9
61	Metabolic adaptation of macrophages in chronic diseases. <i>Cancer Letters</i> , 2018, 414, 250-256.	7.2	7
62	The hidden side of PD-L1. <i>Nature Cell Biology</i> , 2020, 22, 1031-1032.	10.3	7
63	Firing Up Cold Tumors. <i>Trends in Cancer</i> , 2019, 5, 528-530.	7.4	6
64	BRAF-targeted therapy alters the functions of intratumoral CD4 ⁺ T cells to inhibit melanoma progression. <i>Oncolmmunology</i> , 2014, 3, e29126.	4.6	5
65	Metabolic adaptation orchestrates tissue context \rightarrow dependent behavior in regulatory T cells. <i>Immunological Reviews</i> , 2020, 295, 126-139.	6.0	5
66	Rapid Noninvasive Skin Monitoring by Surface Mass Recording and Data Learning. <i>Jacs Au</i> , 2021, 1, 598-611.	7.9	5
67	Sparks Fly in PGE2-Modulated Macrophage Polarization. <i>Immunity</i> , 2018, 49, 987-989.	14.3	4
68	Metabolic tug-of-war in tumors results in diminished T cell antitumor immunity. <i>Oncolmmunology</i> , 2016, 5, e1119355.	4.6	2
69	Can tumor cells take it all away?. <i>Cell Metabolism</i> , 2021, 33, 1071-1072.	16.2	2
70	Editorial: Immunometabolic Regulations in Adaptive and Innate Immune Cells Shapes and Re-Directs Host Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 852.	4.8	1
71	Challenges and opportunities in 2021. <i>Nature Cancer</i> , 2021, 2, 1278-1283.	13.2	1
72	IFN γ Potentiates Immune-Checkpoint Blockade by Rewiring Metabolic Cross-talk. <i>Cancer Discovery</i> , 2022, 12, 1615-1616.	9.4	1

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73	Glutamine gluttony of efferocytes. Nature Metabolism, 2021, 3, 1280-1281.	11.9	0
74	Retinoic Acid Induced nuclear localization of HDAC3. FASEB Journal, 2009, 23, 215.6.	0.5	0
75	Androgen effects cause sex-biased impairment of CD8 ⁺ T cell antitumor activity. Science Immunology, 2022, 7, .	11.9	0