

Weiguo Cui

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

5,946
citations

236925

25
h-index

223800

46
g-index

55
all docs

55
docs citations

55
times ranked

8988
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammation Directs Memory Precursor and Short-Lived Effector CD8+ T Cell Fates via the Graded Expression of T-bet Transcription Factor. <i>Immunity</i> , 2007, 27, 281-295.	14.3	1,542
2	Transcriptional control of effector and memory CD8+ T cell differentiation. <i>Nature Reviews Immunology</i> , 2012, 12, 749-761.	22.7	1,203
3	CD4+ T Cell Help Is Required for the Formation of a Cytolytic CD8+ T Cell Subset that Protects against Chronic Infection and Cancer. <i>Immunity</i> , 2019, 51, 1028-1042.e4.	14.3	393
4	An Interleukin-21- Interleukin-10-STAT3 Pathway Is Critical for Functional Maturation of Memory CD8+ T Cells. <i>Immunity</i> , 2011, 35, 792-805.	14.3	331
5	Differential Expression of Ly6C and T-bet Distinguish Effector and Memory Th1 CD4+ Cell Properties during Viral Infection. <i>Immunity</i> , 2011, 35, 633-646.	14.3	265
6	Generation of effector CD8 ⁺ T cells and their conversion to memory T cells. <i>Immunological Reviews</i> , 2010, 236, 151-166.	6.0	229
7	Production of IL-10 by CD4+ regulatory T cells during the resolution of infection promotes the maturation of memory CD8+ T cells. <i>Nature Immunology</i> , 2015, 16, 871-879.	14.5	159
8	A reservoir of stem-like CD8 ⁺ T cells in the tumor-draining lymph node preserves the ongoing antitumor immune response. <i>Science Immunology</i> , 2021, 6, eabg7836.	11.9	123
9	Tissue-resident CD4 ⁺ T helper cells assist the development of protective respiratory B and CD8 ⁺ T cell memory responses. <i>Science Immunology</i> , 2021, 6, .	11.9	116
10	Mitochondrial Metabolic Reprogramming by CD36 Signaling Drives Macrophage Inflammatory Responses. <i>Circulation Research</i> , 2019, 125, 1087-1102.	4.5	114
11	Transcriptional and Epigenetic Regulation of Effector and Memory CD8 T Cell Differentiation. <i>Frontiers in Immunology</i> , 2018, 9, 2826.	4.8	112
12	Effects of Signal 3 during CD8 T cell priming: Bystander production of IL-12 enhances effector T cell expansion but promotes terminal differentiation. <i>Vaccine</i> , 2009, 27, 2177-2187.	3.8	106
13	A Critical Role of IL-21-Induced BATF in Sustaining CD8-T-Cell-Mediated Chronic Viral Control. <i>Cell Reports</i> , 2015, 13, 1118-1124.	6.4	105
14	CD36, a signaling receptor and fatty acid transporter that regulates immune cell metabolism and fate. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	105
15	The intracellular domain of CD44 promotes the fusion of macrophages. <i>Blood</i> , 2006, 107, 796-805.	1.4	98
16	Chronic viral infection promotes sustained Th1-derived immunoregulatory IL-10 via BLIMP-1. <i>Journal of Clinical Investigation</i> , 2014, 124, 3455-3468.	8.2	79
17	BATF regulates progenitor to cytolytic effector CD8+ T cell transition during chronic viral infection. <i>Nature Immunology</i> , 2021, 22, 996-1007.	14.5	78
18	Uncoupling of macrophage inflammation from self-renewal modulates host recovery from respiratory viral infection. <i>Immunity</i> , 2021, 54, 1200-1218.e9.	14.3	68

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19	Single-cell RNA sequencing unveils an IL-10-producing helper subset that sustains humoral immunity during persistent infection. <i>Nature Communications</i> , 2018, 9, 5037.	12.8	66
20	CXCR5+PD-1+ follicular helper CD8 T cells control B cell tolerance. <i>Nature Communications</i> , 2019, 10, 4415.	12.8	65
21	CD200 and its receptor, CD200R, modulate bone mass via the differentiation of osteoclasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14436-14441.	7.1	63
22	Â-Catenin mediates tumor-induced immunosuppression by inhibiting cross-priming of CD8+ T cells. <i>Journal of Leukocyte Biology</i> , 2014, 95, 179-190.	3.3	62
23	TLR4 Ligands Lipopolysaccharide and Monophosphoryl Lipid A Differentially Regulate Effector and Memory CD8+ T Cell Differentiation. <i>Journal of Immunology</i> , 2014, 192, 4221-4232.	0.8	53
24	Tfh-cell-derived interleukin 21 sustains effector CD8+ T cell responses during chronic viral infection. <i>Immunity</i> , 2022, 55, 475-493.e5.	14.3	48
25	Single-cell lineage mapping of a diverse virus-specific naive CD4 T cell repertoire. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	46
26	Potent inhibition of tumour cell proliferation and immunoregulatory function by mitochondria-targeted atovaquone. <i>Scientific Reports</i> , 2020, 10, 17872.	3.3	30
27	Pathogen boosted adoptive cell transfer immunotherapy to treat solid tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 740-745.	7.1	25
28	Cardiotonic Steroids Stimulate Macrophage Inflammatory Responses Through a Pathway Involving CD36, TLR4, and Na/K-ATPase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1462-1469.	2.4	23
29	Targeting PIM1-Mediated Metabolism in Myeloid Suppressor Cells to Treat Cancer. <i>Cancer Immunology Research</i> , 2021, 9, 454-469.	3.4	23
30	E2A-regulated epigenetic landscape promotes memory CD8 T cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	21
31	BATF promotes group 2 innate lymphoid cell-mediated lung tissue protection during acute respiratory virus infection. <i>Science Immunology</i> , 2022, 7, eabc9934.	11.9	20
32	The adhesion molecule PECAM-1 enhances the TGF-Î²-mediated inhibition of T cell function. <i>Science Signaling</i> , 2016, 9, ra27.	3.6	19
33	Single-Cell Transcriptomics Reveals Core Regulatory Programs That Determine the Heterogeneity of Circulating and Tissue-Resident Memory CD8+ T Cells. <i>Cells</i> , 2021, 10, 2143.	4.1	18
34	Harnessing the IL-21-BATF Pathway in the CD8+ T Cell Anti-Tumor Response. <i>Cancers</i> , 2021, 13, 1263.	3.7	17
35	Pathogen-Boosted Adoptive Cell Transfer Therapy Induces Endogenous Antitumor Immunity through Antigen Spreading. <i>Cancer Immunology Research</i> , 2020, 8, 7-18.	3.4	16
36	Single-cell RNA sequencing of mouse islets exposed to proinflammatory cytokines. <i>Life Science Alliance</i> , 2021, 4, e202000949.	2.8	16

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37	Self-Renewing Islet TCF1+ CD8 T Cells Undergo IL-27â€œControlled Differentiation to Become TCF1â€œ Terminal Effectors during the Progression of Type 1 Diabetes. <i>Journal of Immunology</i> , 2021, 207, 1990-2004.	0.8	15
38	Suppressive neutrophils require PIM1 for metabolic fitness and survival during chronic viral infection. <i>Cell Reports</i> , 2021, 35, 109160.	6.4	14
39	Mitochondria-targeted hydroxyurea inhibits OXPHOS and induces antiproliferative and immunomodulatory effects. <i>Science</i> , 2021, 24, 102673.	4.1	14
40	Diacylglycerol Kinase Î¶ (DGKÎ¶) and Casitas b-Lineage Proto-Oncogene bâ€œDeficient Mice Have Similar Functional Outcomes in T Cells but DGKÎ¶-Deficient Mice Have Increased T Cell Activation and Tumor Clearance. <i>ImmunoHorizons</i> , 2018, 2, 107-118.	1.8	13
41	Inhibition of lung tumorigenesis by a small molecule CA170 targeting the immune checkpoint protein VISTA. <i>Communications Biology</i> , 2021, 4, 906.	4.4	12
42	Overlapping and unique substrate specificities of ST3GAL1 and 2 during hematopoietic and megakaryocytic differentiation. <i>Blood Advances</i> , 2022, 6, 3945-3955.	5.2	6
43	Cytokine and Nitric Oxide-Dependent Gene Regulation in Islet Endocrine and Nonendocrine Cells. <i>Function</i> , 2021, 3, zqab063.	2.3	5
44	Transition of T Cells from Effector to Memory Phase. , 2016, , 353-362.		2
45	Autoreactive CD8 T cells in NOD mice exhibit phenotypic heterogeneity but restricted TCR gene usage. <i>Life Science Alliance</i> , 2022, 5, e202201503.	2.8	2
46	Inside out: decoding the transcriptome of effector and memory T cells. <i>Immunology and Cell Biology</i> , 2013, 91, 389-390.	2.3	1
47	Two is better than one: advances in pathogen-boosted immunotherapy and adoptive T-cell therapy. <i>Immunotherapy</i> , 2017, 9, 837-849.	2.0	1
48	Inhibiting BRD4 to generate BETter T cell memory. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	1
49	The power of combining adoptive cell therapy (ACT) and pathogen-boosted vaccination to treat solid tumors. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2269-2271.	3.3	0
50	Abstract 1618: Inhibition of lung tumorigenesis by a novel small molecule CA170 targeting the immune checkpoint protein VISTA. , 2021, , .		0