Hui Yang

List of Publications by Year
in descending order

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43 papers	6,805 citations	201674 27 h-index	265206 42 g-index
47 all docs	47 docs citations	47 times ranked	11943 citing authors

#	Article	IF	Citations
1	Oncometabolite 2-Hydroxyglutarate Is a Competitive Inhibitor of Î±-Ketoglutarate-Dependent Dioxygenases. Cancer Cell, 2011, 19, 17-30.	16.8	2,340
2	Inhibition of Î±-KG-dependent histone and DNA demethylases by fumarate and succinate that are accumulated in mutations of FH and SDH tumor suppressors. Genes and Development, 2012, 26, 1326-1338.	5.9	855
3	Autophagy induction via STING trafficking is a primordial function of the cGAS pathway. Nature, 2019, 567, 262-266.	27.8	717
4	cGAS is essential for cellular senescence. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4612-E4620.	7.1	681
5	IDH1 and IDH2 Mutations in Tumorigenesis: Mechanistic Insights and Clinical Perspectives. Clinical Cancer Research, 2012, 18, 5562-5571.	7.0	341
6	WT1 Recruits TET2 to Regulate Its Target Gene Expression and Suppress Leukemia Cell Proliferation. Molecular Cell, 2015, 57, 662-673.	9.7	242
7	Structure insight of GSDMD reveals the basis of GSDMD autoinhibition in cell pyroptosis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10642-10647.	7.1	172
8	Histone Deacetylase SIRT1 Negatively Regulates the Differentiation of Interleukin-9-Producing CD4 + T Cells. Immunity, 2016, 44, 1337-1349.	14.3	156
9	Functional engineered human cardiac patches prepared from nature's platform improve heart function after acute myocardial infarction. Biomaterials, 2016, 105, 52-65.	11.4	105
10	Multifaceted Modulation of SIRT1 in Cancer and Inflammation. Critical Reviews in Oncogenesis, 2015, 20, 49-64.	0.4	102
11	Dendritic cell SIRT1â€“HIF1Î± axis programs the differentiation of CD4 ⁺ T cells through IL-12 and TGF-Î²1. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E957-65.	7.1	95
12	cGAS suppresses genomic instability as a decelerator of replication forks. Science Advances, 2020, 6, .	10.3	79
13	Intercellular interplay between Sirt1 signalling and cell metabolism in immune cell biology. Immunology, 2015, 145, 455-467.	4.4	71
14	Itaconate inhibits TET DNA dioxygenases to dampen inflammatory responses. Nature Cell Biology, 2022, 24, 353-363.	10.3	67
15	Dendritic cell MST1 inhibits Th17 differentiation. Nature Communications, 2017, 8, 14275.	12.8	61
16	HIF1Î±-dependent glycolysis promotes macrophage functional activities in protecting against bacterial and fungal infection. Scientific Reports, 2018, 8, 3603.	3.3	57
17	Glucocorticoid receptor promotes the function of myeloid-derived suppressor cells by suppressing HIF1Î±-dependent glycolysis. Cellular and Molecular Immunology, 2018, 15, 618-629.	10.5	56
18	Mitochondrial dysfunction induced by knockdown of mortalin is rescued by Parkin. Biochemical and Biophysical Research Communications, 2011, 410, 114-120.	2.1	55

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19	TET-catalyzed 5-methylcytosine hydroxylation is dynamically regulated by metabolites. Cell Research, 2014, 24, 1017-1020.	12.0	51
20	mTOR limits the recruitment of CD11b+Gr1+Ly6Chigh myeloid-derived suppressor cells in protecting against murine immunological hepatic injury. Journal of Leukocyte Biology, 2014, 95, 961-970.	3.3	47
21	D-2-hydroxyglutarate is essential for maintaining oncogenic property of mutant IDH-containing cancer cells but dispensable for cell growth. Oncotarget, 2015, 6, 8606-8620.	1.8	46
22	Emerging roles of spliceosome in cancer and immunity. Protein and Cell, 2022, 13, 559-579.	11.0	45
23	SOX7 is associated with the suppression of human glioma by HMG-box dependent regulation of Wnt/Î²-catenin signaling. Cancer Letters, 2016, 375, 100-107.	7.2	36
24	The Calcineurin-NFAT Axis Controls Allograft Immunity in Myeloid-Derived Suppressor Cells through Reprogramming T Cell Differentiation. Molecular and Cellular Biology, 2015, 35, 598-609.	2.3	35
25	Immune effects of glycolysis or oxidative phosphorylation metabolic pathway in protecting against bacterial infection. Journal of Cellular Physiology, 2019, 234, 20298-20309.	4.1	34
26	Modulation of TSC-mTOR signaling on immune cells in immunity and autoimmunity. Journal of Cellular Physiology, 2013, 229, n/a-n/a.	4.1	31
27	Engineering human ventricular heart muscles based on a highly efficient system for purification of human pluripotent stem cell-derived ventricular cardiomyocytes. Stem Cell Research and Therapy, 2017, 8, 202.	5.5	31
28	Non-oxidative pentose phosphate pathway controls regulatory T cell function by integrating metabolism and epigenetics. Nature Metabolism, 2022, 4, 559-574.	11.9	27
29	mTOR signaling disruption from myeloid-derived suppressive cells protects against immune-mediated hepatic injury through the HIF1Î±-dependent glycolytic pathway. Journal of Leukocyte Biology, 2016, 100, 1349-1362.	3.3	22
30	The Zscan4-Tet2 Transcription Nexus Regulates Metabolic Rewiring and Enhances Proteostasis to Promote Reprogramming. Cell Reports, 2020, 32, 107877.	6.4	22
31	Metabolic regulation on the immune environment of glioma through gut microbiota. Seminars in Cancer Biology, 2022, 86, 990-997.	9.6	20
32	Metabolic alteration in tumorigenesis. Science China Life Sciences, 2013, 56, 1067-1075.	4.9	19
33	SARS-CoV-2 infection and the antiviral innate immune response. Journal of Molecular Cell Biology, 2021, 12, 963-967.	3.3	18
34	Engineering human ventricular heart tissue based on macroporous iron oxide scaffolds. Acta Biomaterialia, 2019, 88, 540-553.	8.3	16
35	Myeloid-derived suppressor cells in immunity and autoimmunity. Expert Review of Clinical Immunology, 2015, 11, 911-919.	3.0	14
36	Tumor suppressor CEBPA interacts with and inhibits DNMT3A activity. Science Advances, 2022, 8, eabl5220.	10.3	11

#	Article	IF	Citations
37	Proteomic profiles of patients with atrial fibrillation provide candidate biomarkers for diagnosis. International Journal of Cardiology, 2021, 344, 205-212.	1.7	7
38	Characterization and enzymatic properties of protein kinase ACR4 from Arabidopsis thaliana. Biochemical and Biophysical Research Communications, 2017, 489, 270-274.	2.1	4
39	The Inhibition of B7H3 by 2-HG Accumulation Is Associated With Downregulation of VEGFA in IDH Mutated Gliomas. Frontiers in Cell and Developmental Biology, 2021, 9, 670145.	3.7	4
40	Functional improvement and maturation of human cardiomyocytes derived from human pluripotent stem cells by barbaloin preconditioning. Acta Biochimica Et Biophysica Sinica, 2019, 51, 1041-1048.	2.0	2
41	Protein Tyrosine Phosphatase PTPRO Signaling Couples Metabolic States to Control the Development of Granulocyte Progenitor Cells. Journal of Immunology, 2022, 208, 1434-1444.	0.8	1
42	Correlation analysis on clinical effects of acupuncture for elderly patients with sensorineural deafness and ear distending sensation. Journal of Acupuncture and Tuina Science, 2018, 16, 265-270.	0.3	0
43	Author's reply to the Letter to the Editor from Dr. Jun Yang: THBS1: A potential biomarker for atrial fibrillation. International Journal of Cardiology, 2022, 349, 82.	1.7	0