

Xuemei Tong

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,015
citations

471509

17
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1368
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of the Pentose Phosphate Pathway in Diabetes and Cancer. <i>Frontiers in Endocrinology</i> , 2020, 11, 365.	3.5	219
2	Stearoyl-CoA desaturase-1 promotes colorectal cancer metastasis in response to glucose by suppressing PTEN. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 54.	8.6	78
3	HNF4 α regulates sulfur amino acid metabolism and confers sensitivity to methionine restriction in liver cancer. <i>Nature Communications</i> , 2020, 11, 3978.	12.8	73
4	Loss of SIRT5 promotes bile acid-induced immunosuppressive microenvironment and hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2022, 77, 453-466.	3.7	50
5	Advanced glycation end products increase carbohydrate responsive element binding protein expression and promote cancer cell proliferation. <i>Molecular and Cellular Endocrinology</i> , 2014, 395, 69-78.	3.2	46
6	MondoA α Thioredoxin-Interacting Protein Axis Maintains Regulatory T-Cell Identity and Function in Colorectal Cancer Microenvironment. <i>Gastroenterology</i> , 2021, 161, 575-591.e16.	1.3	44
7	Insulin signaling establishes a developmental trajectory of adipose regulatory T cells. <i>Nature Immunology</i> , 2021, 22, 1175-1185.	14.5	42
8	The platelet isoform of phosphofructokinase contributes to metabolic reprogramming and maintains cell proliferation in clear cell renal cell carcinoma. <i>Oncotarget</i> , 2016, 7, 27142-27157.	1.8	41
9	The deubiquitinase USP44 promotes Treg function during inflammation by preventing FOXP3 degradation. <i>EMBO Reports</i> , 2020, 21, e50308.	4.5	41
10	Vacuolar Protein Sorting 33B Is a Tumor Suppressor in Hepatocarcinogenesis. <i>Hepatology</i> , 2018, 68, 2239-2253.	7.3	37
11	Transketolase Deficiency Protects the Liver from DNA Damage by Increasing Levels of Ribose 5-Phosphate and Nucleotides. <i>Cancer Research</i> , 2019, 79, 3689-3701.	0.9	33
12	DeSUMOylation of MKK7 kinase by the SUMO2/3 protease SENP3 potentiates lipopolysaccharide-induced inflammatory signaling in macrophages. <i>Journal of Biological Chemistry</i> , 2018, 293, 3965-3980.	3.4	32
13	The ubiquitination ligase SMURF2 reduces aerobic glycolysis and colorectal cancer cell proliferation by promoting ChREBP ubiquitination and degradation. <i>Journal of Biological Chemistry</i> , 2019, 294, 14745-14756.	3.4	27
14	Non-oxidative pentose phosphate pathway controls regulatory T cell function by integrating metabolism and epigenetics. <i>Nature Metabolism</i> , 2022, 4, 559-574.	11.9	27
15	The nuclear translocation of transketolase inhibits the farnesoid receptor expression by promoting the binding of HDAC3 to FXR promoter in hepatocellular carcinoma cell lines. <i>Cell Death and Disease</i> , 2020, 11, 31.	6.3	24
16	Decreased expression of GRIM-19 by DNA hypermethylation promotes aerobic glycolysis and cell proliferation in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2015, 6, 101-115.	1.8	24
17	Transketolase Deficiency in Adipose Tissues Protects Mice From Diet-Induced Obesity by Promoting Lipolysis. <i>Diabetes</i> , 2020, 69, 1355-1367.	0.6	22
18	Identification of HNF-4 α as a key transcription factor to promote ChREBP expression in response to glucose. <i>Scientific Reports</i> , 2016, 6, 23944.	3.3	21

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19	Lysosomal acid lipase promotes cholesterol ester metabolism and drives clear cell renal cell carcinoma progression. <i>Cell Proliferation</i> , 2018, 51, e12452.	5.3	20
20	Upregulation of CYP2S1 by oxaliplatin is associated with p53 status in colorectal cancer cell lines. <i>Scientific Reports</i> , 2016, 6, 33078.	3.3	18
21	CYP2S1 depletion enhances colorectal cell proliferation is associated with PGE2-mediated activation of β -catenin signaling. <i>Experimental Cell Research</i> , 2015, 331, 377-386.	2.6	16
22	Nuclear Tkt promotes ischemic heart failure via the cleaved Parp1/Aif axis. <i>Basic Research in Cardiology</i> , 2022, 117, 18.	5.9	16
23	Serum amyloid A enrichment impairs the anti-inflammatory ability of HDL from diabetic nephropathy patients. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1538-1543.	2.3	15
24	TKT maintains intestinal ATP production and inhibits apoptosis-induced colitis. <i>Cell Death and Disease</i> , 2021, 12, 853.	6.3	12
25	ChREBP promotes the differentiation of leukemia-initiating cells to inhibit leukemogenesis through the TXNIP/RUNX1 pathways. <i>Oncotarget</i> , 2016, 7, 38347-38358.	1.8	11
26	The Role of Mondo Family Transcription Factors in Nutrient-Sensing and Obesity. <i>Frontiers in Endocrinology</i> , 2021, 12, 653972.	3.5	8
27	MondoA Is Required for Normal Myogenesis and Regulation of the Skeletal Muscle Glycogen Content in Mice. <i>Diabetes and Metabolism Journal</i> , 2021, 45, 439-451.	4.7	4
28	Disturbed mitochondrial acetylation in accordance with the availability of acetyl groups in hepatocellular carcinoma. <i>Mitochondrion</i> , 2021, 60, 150-159.	3.4	4
29	ER α downregulates carbohydrate responsive element binding protein and decreases aerobic glycolysis in liver cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 3427-3436.	3.6	2
30	A role of IL-25, a sibling of IL-17, in triggering psoriatic skin inflammation. <i>Science China Life Sciences</i> , 2018, 61, 1437-1438.	4.9	1
31	Unexpected ABCC6 mRNA splicing in a Chinese family with pseudoxanthoma elasticum. <i>Acta Ophthalmologica</i> , 2019, 97, e381-e389.	1.1	1
32	Editorial: Connecting the Dots Between Obesity, Diabetes and Cancer. <i>Frontiers in Endocrinology</i> , 2020, 11, 583456.	3.5	1