

Tao Liu

List of Publications by Year in descending order

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123
papers

19,707
citations

71102

41
h-index

32842

100
g-index

127
all docs

127
docs citations

127
times ranked

39872
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in therapeutic agents targeting quiescent cancer cells. , 2022, 1, .		6
2	Apigenin impedes cell cycle progression at G2 phase in prostate cancer cells. Discover Oncology, 2022, 13, .	2.1	6
3	YTHDF1 Promotes Gastric Carcinogenesis by Controlling Translation of <i>FZD7</i> . Cancer Research, 2021, 81, 2651-2665.	0.9	150
4	Targeted Therapy of <i>TERT</i> -Rearranged Neuroblastoma with BET Bromodomain Inhibitor and Proteasome Inhibitor Combination Therapy. Clinical Cancer Research, 2021, 27, 1438-1451.	7.0	20
5	NEAT1 polyA-modulating antisense oligonucleotides reveal opposing functions for both long non-coding RNA isoforms in neuroblastoma. Cellular and Molecular Life Sciences, 2021, 78, 2213-2230.	5.4	39
6	The RNA helicase DDX21 upregulates CEP55 expression and promotes neuroblastoma. Molecular Oncology, 2021, 15, 1162-1179.	4.6	12
7	An ALYREF-MYCN coactivator complex drives neuroblastoma tumorigenesis through effects on USP3 and MYCN stability. Nature Communications, 2021, 12, 1881.	12.8	31
8	A novel combination therapy targeting ubiquitin-specific protease 5 in MYCN-driven neuroblastoma. Oncogene, 2021, 40, 2367-2381.	5.9	13
9	The Emerging Roles of RNA m6A Methylation and Demethylation as Critical Regulators of Tumorigenesis, Drug Sensitivity, and Resistance. Cancer Research, 2021, 81, 3431-3440.	0.9	129
10	The pan-cancer lncRNA PLANE regulates an alternative splicing program to promote cancer pathogenesis. Nature Communications, 2021, 12, 3734.	12.8	33
11	Infectious disease mRNA vaccines and a review on epitope prediction for vaccine design. Briefings in Functional Genomics, 2021, 20, 289-303.	2.7	16
12	Visualization of endogenous p27 and Ki67 reveals the importance of a c-Myc-driven metabolic switch in promoting survival of quiescent cancer cells. Theranostics, 2021, 11, 9605-9622.	10.0	14
13	Transcriptional regulation of G2/M regulatory proteins and perturbation of G2/M Cell cycle transition by a traditional Chinese medicine recipe. Journal of Ethnopharmacology, 2020, 251, 112526.	4.1	16
14	Sequencing dropout-and-batch effect normalization for single-cell mRNA profiles: a survey and comparative analysis. Briefings in Bioinformatics, 2020, 22, .	6.5	4
15	c-Myc inactivation of p53 through the pan-cancer lncRNA MILIP drives cancer pathogenesis. Nature Communications, 2020, 11, 4980.	12.8	70
16	Identification of RNA-Binding Proteins as Targetable Putative Oncogenes in Neuroblastoma. International Journal of Molecular Sciences, 2020, 21, 5098.	4.1	16
17	UVA influenced the SIRT1-miR-27a-p53-MAD2-MMP1/COL1/BCL2 axis in human skin primary fibroblasts. Journal of Cellular and Molecular Medicine, 2020, 24, 10027-10041.	3.6	7
18	Targeting RSPO3-LGR4 Signaling for Leukemia Stem Cell Eradication in Acute Myeloid Leukemia. Cancer Cell, 2020, 38, 263-278.e6.	16.8	59

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19	Combination therapy with the CDK7 inhibitor and the tyrosine kinase inhibitor exerts synergistic anticancer effects against MYCN-amplified neuroblastoma. International Journal of Cancer, 2020, 147, 1928-1938.	5.1	28
20	CPF impedes cell cycle re-entry of quiescent lung cancer cells through transcriptional suppression of FACT and MYC. Journal of Cellular and Molecular Medicine, 2020, 24, 2229-2239.	3.6	11
21	Abstract 5721: The super-enhancer driven long noncoding RNA lncNB promotes neuroblastoma tumorigenesis. , 2020, , .		0
22	JMJD6 is a tumorigenic factor and therapeutic target in neuroblastoma. Nature Communications, 2019, 10, 3319.	12.8	63
23	The long noncoding RNA lncNB1 promotes tumorigenesis by interacting with ribosomal protein RPL35. Nature Communications, 2019, 10, 5026.	12.8	67
24	The Histone Demethylase NO66 Induces Glioma Cell Proliferation. Anticancer Research, 2019, 39, 6007-6014.	1.1	5
25	The Critical Role of RNA m6A Methylation in Cancer. Cancer Research, 2019, 79, 1285-1292.	0.9	505
26	Drugging MYCN Oncogenic Signaling through the MYCN-PA2G4 Binding Interface. Cancer Research, 2019, 79, 5652-5667.	0.9	24
27	lncRNA REG1CP promotes tumorigenesis through an enhancer complex to recruit FANCD1 helicase for REG3A transcription. Nature Communications, 2019, 10, 5334.	12.8	43
28	Association of GDF-15 and Syntax Score in Patient with Acute Myocardial Infarction. Cardiovascular Therapeutics, 2019, 2019, 1-6.	2.5	4
29	The histone chaperone complex FACT promotes proliferative switch of G0 cancer cells. International Journal of Cancer, 2019, 145, 164-178.	5.1	20
30	JMJD1C-mediated metabolic dysregulation contributes to HOXA9-dependent leukemogenesis. Leukemia, 2019, 33, 1400-1410.	7.2	31
31	Abstract 3659: Alyref is a novel binding partner and co-factor for MYCN-driven oncogenesis in neuroblastoma. , 2019, , .		0
32	Abstract 5209: Efficacious targeting of TERT oncogene rearrangement with BET bromodomain inhibitor and proteasome inhibitor combination therapy. , 2019, , .		0
33	Abstract 4504: MILIP is a pan cancer-associated long noncoding RNA that links MYC to inactivation of p53. , 2019, , .		0
34	Network Modeling of microRNA-mRNA Interactions in Neuroblastoma Tumorigenesis Identifies miR-204 as a Direct Inhibitor of MYCN. Cancer Research, 2018, 78, 3122-3134.	0.9	48
35	Delineation of the frequency and boundary of chromosomal copy number variations in paediatric neuroblastoma. Cell Cycle, 2018, 17, 749-758.	2.6	13
36	Cooperativity of HOXA5 and STAT3 Is Critical for HDAC8 Inhibition-Mediated Transcriptional Activation of PD-L1 in Human Melanoma Cells. Journal of Investigative Dermatology, 2018, 138, 922-932.	0.7	26

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37	ACTN4 regulates the stability of RIPK1 in melanoma. <i>Oncogene</i> , 2018, 37, 4033-4045.	5.9	20
38	Recognition of CRISPR/Cas9 off-target sites through ensemble learning of uneven mismatch distributions. <i>Bioinformatics</i> , 2018, 34, i757-i765.	4.1	38
39	A p53-Responsive miRNA Network Promotes Cancer Cell Quiescence. <i>Cancer Research</i> , 2018, 78, 6666-6679.	0.9	29
40	Abstract 2523: Cooperativity of HOXA5 and STAT3 is critical for HDAC8 inhibition-mediated transcriptional activation of PD-L1 in human melanoma cells. <i>Cancer Research</i> , 2018, 78, 2523-2523.	0.9	1
41	Abstract 52: A genomic editing approach for purification of viable quiescent cancer cells. , 2018, , .		0
42	The regulatory role of long noncoding RNAs in cancer. <i>Cancer Letters</i> , 2017, 391, 12-19.	7.2	94
43	The Histone Methyltransferase DOT1L Promotes Neuroblastoma by Regulating Gene Transcription. <i>Cancer Research</i> , 2017, 77, 2522-2533.	0.9	59
44	PD-L1 Is a Therapeutic Target of the Bromodomain Inhibitor JQ1 and, Combined with HLA Class I, a Promising Prognostic Biomarker in Neuroblastoma. <i>Clinical Cancer Research</i> , 2017, 23, 4462-4472.	7.0	85
45	A Myc Activity Signature Predicts Poor Clinical Outcomes in Myc-Associated Cancers. <i>Cancer Research</i> , 2017, 77, 971-981.	0.9	90
46	Up-regulation of LYAR blocks Myc-induced cell death. <i>Cell Cycle</i> , 2017, 16, 1857-1858.	2.6	2
47	Upregulation of LYAR induces neuroblastoma cell proliferation and survival. <i>Cell Death and Differentiation</i> , 2017, 24, 1645-1654.	11.2	15
48	Chromosome preference of disease genes and vectorization for the prediction of non-coding disease genes. <i>Oncotarget</i> , 2017, 8, 78901-78916.	1.8	2
49	Abstract LB-080: The histone methyltransferase DOT1L promotes neuroblastoma by regulating gene transcription. , 2017, , .		1
50	NCYM is upregulated by lncUSMycN and modulates N-Myc expression. <i>International Journal of Oncology</i> , 2016, 49, 2464-2470.	3.3	21
51	Guttiferone K impedes cell cycle re-entry of quiescent prostate cancer cells via stabilization of FBXW7 and subsequent c-MYC degradation. <i>Cell Death and Disease</i> , 2016, 7, e2252-e2252.	6.3	33
52	Gag signaling is required for the maintenance of MLL-AF9-induced acute myeloid leukemia. <i>Leukemia</i> , 2016, 30, 1745-1748.	7.2	9
53	High TDP43 expression is required for TRIM16-induced inhibition of cancer cell growth and correlated with good prognosis of neuroblastoma and breast cancer patients. <i>Cancer Letters</i> , 2016, 374, 315-323.	7.2	42
54	The Bromodomain Inhibitor JQ1 and the Histone Deacetylase Inhibitor Panobinostat Synergistically Reduce N-Myc Expression and Induce Anticancer Effects. <i>Clinical Cancer Research</i> , 2016, 22, 2534-2544.	7.0	100

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55	INPP4B is an oncogenic regulator in human colon cancer. <i>Oncogene</i> , 2016, 35, 3049-3061.	5.9	52
56	Abstract 2450: MYCN and TFAP4 promote neuroblastoma malignancy by cooperating in the regulation a subset of target genes involved in cancer cell growth and metastasis. , 2016, , .		2
57	Abstract 2664: Eradication of neuroblastoma by suppressing the expression of a single long noncoding RNA. <i>Cancer Research</i> , 2016, 76, 2664-2664.	0.9	1
58	MYCN promotes neuroblastoma malignancy by establishing a regulatory circuit with transcription factor AP4. <i>Oncotarget</i> , 2016, 7, 54937-54951.	1.8	20
59	The BET bromodomain inhibitor exerts the most potent synergistic anticancer effects with quinone-containing compounds and anti-microtubule drugs. <i>Oncotarget</i> , 2016, 7, 79217-79232.	1.8	17
60	The long noncoding RNA MALAT1 promotes tumor-driven angiogenesis by up-regulating pro-angiogenic gene expression. <i>Oncotarget</i> , 2016, 7, 8663-8675.	1.8	97
61	Abstract B13: Eradication of neuroblastoma by suppressing the expression of a single long noncoding RNA. , 2016, , .		0
62	Abstract LB-149: LYAR promotes cell proliferation by repressing CHAC1 expression in neuroblastoma. , 2016, , .		0
63	Connecting rules from paired miRNA and mRNA expression data sets of HCV patients to detect both inverse and positive regulatory relationships. <i>BMC Genomics</i> , 2015, 16, S11.	2.8	21
64	An inverse relationship between serum macrophage inhibitory cytokine-1 levels and brain white matter integrity in community-dwelling older individuals. <i>Psychoneuroendocrinology</i> , 2015, 62, 80-88.	2.7	13
65	<i>IGF2BP1</i> Harbors Prognostic Significance by Gene Gain and Diverse Expression in Neuroblastoma. <i>Journal of Clinical Oncology</i> , 2015, 33, 1285-1293.	1.6	55
66	Thymosin α 24 is a determinant of drug sensitivity for Fenretinide and Vorinostat combination therapy in neuroblastoma. <i>Molecular Oncology</i> , 2015, 9, 1484-1500.	4.6	17
67	Therapeutic targeting of the MYC signal by inhibition of histone chaperone FACT in neuroblastoma. <i>Science Translational Medicine</i> , 2015, 7, 312ra176.	12.4	120
68	WDR5 Supports an N-Myc Transcriptional Complex That Drives a Protumorigenic Gene Expression Signature in Neuroblastoma. <i>Cancer Research</i> , 2015, 75, 5143-5154.	0.9	88
69	Abstract 146: The long noncoding RNA MALAT1 promotes hypoxia-driven angiogenesis by upregulating pro-angiogenic gene expression in neuroblastoma cells. <i>Cancer Research</i> , 2015, 75, 146-146.	0.9	2
70	The Relationship of Serum Macrophage Inhibitory Cytokine α 1 Levels with Gray Matter Volumes in Community-Dwelling Older Individuals. <i>PLoS ONE</i> , 2015, 10, e0123399.	2.5	16
71	INPP4B is upregulated and functions as an oncogenic driver through SGK3 in a subset of melanomas. <i>Oncotarget</i> , 2015, 6, 39891-39907.	1.8	40
72	Abstract 4718: Inositol polyphosphate 4-phosphatase II activates PI3K/SGK3 signaling to promote proliferation of human melanoma cells. , 2015, , .		0

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73	Abstract 962: PA2G4 predicts poor prognosis in neuroblastoma patients and promotes neuroblastoma progression by enhancing MYCN protein stability. , 2015, , .		0
74	Abstract PR09: MYCN and is a therapeutic target in neuroblastoma. , 2015, , .		0
75	The prenatal origins of cancer. Nature Reviews Cancer, 2014, 14, 277-289.	28.4	201
76	Histone deacetylase 5 blocks neuroblastoma cell differentiation by interacting with N-Myc. Oncogene, 2014, 33, 2987-2994.	5.9	36
77	Effects of a Novel Long Noncoding RNA, lncUSMycN, on N-Myc Expression and Neuroblastoma Progression. Journal of the National Cancer Institute, 2014, 106, .	6.3	98
78	Identification of plasma Complement C3 as a potential biomarker for neuroblastoma using a quantitative proteomic approach. Journal of Proteomics, 2014, 96, 1-12.	2.4	19
79	Histone demethylase JARID1B promotes cell proliferation but is downregulated by N-Myc oncoprotein. Oncology Reports, 2014, 31, 1935-1939.	2.6	8
80	The Novel Long Noncoding RNA linc00467 Promotes Cell Survival but Is Down-Regulated by N-Myc. PLoS ONE, 2014, 9, e88112.	2.5	62
81	The histone demethylase JMJD1A induces cell migration and invasion by up-regulating the expression of the long noncoding RNA MALAT1. Oncotarget, 2014, 5, 1793-1804.	1.8	105
82	Histone deacetylase 2 and N-Myc reduce p53 protein phosphorylation at serine 46 by repressing gene transcription of tumor protein 53-induced nuclear protein 1. Oncotarget, 2014, 5, 4257-4268.	1.8	25
83	Loss of PTEN stabilizes the lipid modifying enzyme cytosolic phospholipase A2 \pm via AKT in prostate cancer cells. Oncotarget, 2014, 5, 6289-6299.	1.8	22
84	TRIM16 inhibits proliferation and migration through regulation of interferon beta 1 in melanoma cells. Oncotarget, 2014, 5, 10127-10139.	1.8	31
85	Abstract 5005: The histone demethylase JMJD1A induces cell migration and invasion by up-regulating the expression of the long noncoding RNA MALAT1. , 2014, , .		0
86	Abstract 1378: The histone methyltransferase adaptor WDR5 is a novel cofactor in neuroblastoma. , 2014, , .		0
87	Abstract 5138: Histone deacetylase 2 and N-Myc reduce p53 protein phosphorylation at serine 46 by repressing gene transcription of tumor protein 53-induced nuclear protein 1. , 2014, , .		0
88	Abstract 3103: IGF2BP1 and MYCN cooperate in an oncogenic feedback loop, in high-risk neuroblastoma. , 2014, , .		0
89	Abstract 1403: TRIM16 inhibits cell growth through direct interaction and modulation of TDP43 protein stability in cancer cells. , 2014, , .		0
90	Cotargeting histone deacetylases and oncogenic BRAF synergistically kills human melanoma cells by necrosis independently of RIPK1 and RIPK3. Cell Death and Disease, 2013, 4, e655-e655.	6.3	37

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91	The histone deacetylase SIRT2 stabilizes Myc oncoproteins. <i>Cell Death and Differentiation</i> , 2013, 20, 503-514.	11.2	171
92	Direct effects of Bmi1 on p53 protein stability inactivates oncoprotein stress responses in embryonal cancer precursor cells at tumor initiation. <i>Oncogene</i> , 2013, 32, 3616-3626.	5.9	60
93	Sirtuin-1 Regulates Acinar-to-Ductal Metaplasia and Supports Cancer Cell Viability in Pancreatic Cancer. <i>Cancer Research</i> , 2013, 73, 2357-2367.	0.9	59
94	Up-regulation of Survivin during Immortalization of Human Myofibroblasts Is Linked to Repression of Tumor Suppressor p16INK4a Protein and Confers Resistance to Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2013, 288, 12032-12041.	3.4	7
95	PI(4,5)P2 5-phosphatase A regulates PI3K/Akt signalling and has a tumour suppressive role in human melanoma. <i>Nature Communications</i> , 2013, 4, 1508.	12.8	67
96	FBXW7 regulates glucocorticoid response in T-cell acute lymphoblastic leukaemia by targeting the glucocorticoid receptor for degradation. <i>Leukemia</i> , 2013, 27, 1053-1062.	7.2	38
97	Tumor Protein 53-Induced Nuclear Protein 1 Enhances p53 Function and Represses Tumorigenesis. <i>Frontiers in Genetics</i> , 2013, 4, 80.	2.3	74
98	Abstract 3876: TRIM16 is a prognostic marker for patients with lymph node metastatic melanoma.. , 2013, , .		1
99	Abstract 5043: The facilitates chromatin transcription (FACT) protein complex promotes neuroblastoma tumor initiation.. , 2013, , .		0
100	Abstract 2985: The histone demethylase JMJD1A induces neuroblastoma cell migration and invasion.. , 2013, , .		0
101	Suppression of PP2A is critical for protection of melanoma cells upon endoplasmic reticulum stress. <i>Cell Death and Disease</i> , 2012, 3, e337-e337.	6.3	34
102	Amide-based derivatives of β -alanine hydroxamic acid as histone deacetylase inhibitors: Attenuation of potency through resonance effects. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6200-6204.	2.2	7
103	Enhancing the anticancer effect of the histone deacetylase inhibitor by activating transglutaminase. <i>European Journal of Cancer</i> , 2012, 48, 3278-3287.	2.8	15
104	Abstract 2196: Upregulation of survivin during immortalization is linked to repression of p16INK4a and confers resistance to oxidative stress. , 2012, , .		0
105	DOSim: An R package for similarity between diseases based on Disease Ontology. <i>BMC Bioinformatics</i> , 2011, 12, 266.	2.6	88
106	SIRT1 Promotes N-Myc Oncogenesis through a Positive Feedback Loop Involving the Effects of MKP3 and ERK on N-Myc Protein Stability. <i>PLoS Genetics</i> , 2011, 7, e1002135.	3.5	136
107	Opposing Effects of Two Tissue Transglutaminase Protein Isoforms in Neuroblastoma Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2010, 285, 3561-3567.	3.4	43
108	MYCN oncoprotein targets and their therapeutic potential. <i>Cancer Letters</i> , 2010, 293, 144-157.	7.2	92

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109	The cyclin-dependent kinase inhibitor, p21 WAF1 , promotes angiogenesis by repressing gene transcription of thioredoxin-binding protein 2 in cancer cells. Carcinogenesis, 2009, 30, 1865-1871.	2.8	23
110	Over-expression of clusterin is a resistance factor to the anti-cancer effect of histone deacetylase inhibitors. European Journal of Cancer, 2009, 45, 1846-1854.	2.8	40
111	The Critical Role of the Class III Histone Deacetylase SIRT1 in Cancer. Cancer Research, 2009, 69, 1702-1705.	0.9	360
112	Model-based Analysis of ChIP-Seq (MACS). Genome Biology, 2008, 9, R137.	9.6	13,517
113	Activation of tissue transglutaminase transcription by histone deacetylase inhibition as a therapeutic approach for Myc oncogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18682-18687.	7.1	96
114	Enhancing the anti-angiogenic action of histone deacetylase inhibitors. Molecular Cancer, 2007, 6, 68.	19.2	24
115	Histone deacetylase inhibitors: Multifunctional anticancer agents. Cancer Treatment Reviews, 2006, 32, 157-165.	7.7	212
116	The Propeptide Mediates Formation of Stromal Stores of PROMIC-1: Role in Determining Prostate Cancer Outcome. Cancer Research, 2005, 65, 2330-2336.	0.9	129
117	Large-scale delineation of secreted protein biomarkers overexpressed in cancer tissue and serum. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3410-3415.	7.1	425
118	Concentration in plasma of macrophage inhibitory cytokine-1 and risk of cardiovascular events in women: a nested case-control study. Lancet, The, 2002, 359, 2159-2163.	13.7	235
119	ATP P2X receptors play little role in the maintenance of neuropathic hyperalgesia. NeuroReport, 2000, 11, 1669-1672.	1.2	19
120	Depletion of macrophages reduces axonal degeneration and hyperalgesia following nerve injury. Pain, 2000, 86, 25-32.	4.2	217
121	Free radicals contribute to the reduction in peripheral vascular responses and the maintenance of thermal hyperalgesia in rats with chronic constriction injury. Pain, 1999, 79, 31-37.	4.2	122
122	Zinc alleviates thermal hyperalgesia due to partial nerve injury. NeuroReport, 1999, 10, 1619-1623.	1.2	18
123	Neuroblastoma: A Malignancy Due to Cell Differentiation Block. , 0, , .		3