

Ting-Xiu Xiang

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

2,940
citations

136950

32
h-index

197818

49
g-index

93
all docs

93
docs citations

93
times ranked

4521
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-101 is down-regulated by the hepatitis B virus x protein and induces aberrant DNA methylation by targeting DNA methyltransferase 3A. <i>Cellular Signalling</i> , 2013, 25, 439-446.	3.6	132
2	miR-7-5p suppresses cell proliferation and induces apoptosis of breast cancer cells mainly by targeting REG1 β . <i>Cancer Letters</i> , 2015, 358, 27-36.	7.2	119
3	The Ubiquitin Peptidase UCHL1 Induces G0/G1 Cell Cycle Arrest and Apoptosis Through Stabilizing p53 and Is Frequently Silenced in Breast Cancer. <i>PLoS ONE</i> , 2012, 7, e29783.	2.5	116
4	Naringin inhibits growth potential of human triple-negative breast cancer cells by targeting β -catenin signaling pathway. <i>Toxicology Letters</i> , 2013, 220, 219-228.	0.8	105
5	Epigenetic repression of miR-132 expression by the hepatitis B virus x protein in hepatitis B virus-related hepatocellular carcinoma. <i>Cellular Signalling</i> , 2013, 25, 1037-1043.	3.6	98
6	Mangiferin exerts antitumor activity in breast cancer cells by regulating matrix metalloproteinases, epithelial to mesenchymal transition, and β -catenin signaling pathway. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 180-190.	2.8	96
7	Chrysin inhibits metastatic potential of human triple-negative breast cancer cells by modulating matrix metalloproteinase-10, epithelial to mesenchymal transition, and PI3K/Akt signaling pathway. <i>Journal of Applied Toxicology</i> , 2014, 34, 105-112.	2.8	85
8	DACT1, an antagonist to Wnt/ β -catenin signaling, suppresses tumor cell growth and is frequently silenced in breast cancer. <i>Breast Cancer Research</i> , 2013, 15, R23.	5.0	83
9	Tumor suppressor DRD2 facilitates M1 macrophages and restricts NF- κ B signaling to trigger pyroptosis in breast cancer. <i>Theranostics</i> , 2021, 11, 5214-5231.	10.0	79
10	PSMD2 regulates breast cancer cell proliferation and cell cycle progression by modulating p21 and p27 proteasomal degradation. <i>Cancer Letters</i> , 2018, 430, 109-122.	7.2	75
11	Cyclooxygenase-2 in tumor-associated macrophages promotes breast cancer cell survival by triggering a positive-feedback loop between macrophages and cancer cells. <i>Oncotarget</i> , 2015, 6, 29637-29650.	1.8	65
12	Microarray expression profiling of dysregulated long non-coding RNAs in triple-negative breast cancer. <i>Cancer Biology and Therapy</i> , 2015, 16, 856-865.	3.4	62
13	Epigenetic silencing of the \langle scp>WNT</scp> antagonist Dickkopf 3 disrupts normal Wnt/ β -catenin signalling and apoptosis regulation in breast cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1236-1246.	3.6	60
14	Random lasing in human tissues embedded with organic dyes for cancer diagnosis. <i>Scientific Reports</i> , 2017, 7, 8385.	3.3	59
15	The Metalloprotease ADAMTS8 Displays Antitumor Properties through Antagonizing EGFR \rightarrow MEK \rightarrow ERK Signaling and Is Silenced in Carcinomas by CpG Methylation. <i>Molecular Cancer Research</i> , 2014, 12, 228-238.	3.4	58
16	Cyclooxygenase-2 in tumor-associated macrophages promotes metastatic potential of breast cancer cells through Akt pathway. <i>International Journal of Biological Sciences</i> , 2016, 12, 1533-1543.	6.4	55
17	PLCD1 is a functional tumor suppressor inducing G ₂ /M arrest and frequently methylated in breast cancer. <i>Cancer Biology and Therapy</i> , 2010, 10, 520-527.	3.4	52
18	DNA methylation downregulated ZDHHC1 suppresses tumor growth by altering cellular metabolism and inducing oxidative/ER stress-mediated apoptosis and pyroptosis. <i>Theranostics</i> , 2020, 10, 9495-9511.	10.0	50

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19	Protocadherin 17 functions as a tumor suppressor suppressing Wnt/ β 2-catenin signaling and cell metastasis and is frequently methylated in breast cancer. <i>Oncotarget</i> , 2016, 7, 51720-51732.	1.8	46
20	Antioxidative and immunoprotective effects of <i>Pyracantha fortuneana</i> (Maxim.) Li polysaccharides in mice. <i>Immunology Letters</i> , 2010, 133, 14-18.	2.5	44
21	Aberrant promoter CpG methylation and its translational applications in breast cancer. <i>Chinese Journal of Cancer</i> , 2013, 32, 12-20.	4.9	44
22	Epigenetic identification of receptor tyrosine kinase-like orphan receptor 2 as a functional tumor suppressor inhibiting β 2-catenin and AKT signaling but frequently methylated in common carcinomas. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2179-2192.	5.4	43
23	Protocadherin8 is a functional tumor suppressor frequently inactivated by promoter methylation in nasopharyngeal carcinoma. <i>European Journal of Cancer Prevention</i> , 2012, 21, 569-575.	1.3	39
24	Methylation of PLCD1 and adenovirus-mediated PLCD1 overexpression elicits a gene therapy effect on human breast cancer. <i>Experimental Cell Research</i> , 2015, 332, 179-189.	2.6	39
25	P<i>rotocadherin20</i>Acts as a Tumor Suppressor Gene: Epigenetic Inactivation in Nasopharyngeal Carcinoma. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1766-1775.	2.6	37
26	<p>Long noncoding RNA LINC01089 predicts clinical prognosis and inhibits cell proliferation and invasion through the Wnt/ β 2-catenin signaling pathway in breast cancer</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 4883-4895.	2.0	35
27	The role of Crk/Dock180/Rac1 pathway in the malignant behavior of human ovarian cancer cell SKOV3. <i>Tumor Biology</i> , 2010, 31, 59-67.	1.8	34
28	Zinc-finger protein 545 is inactivated due to promoter methylation and functions as a tumor suppressor through the Wnt/ β 2-catenin, PI3K/AKT and MAPK/ERK signaling pathways in colorectal cancer. <i>International Journal of Oncology</i> , 2017, 51, 801-811.	3.3	34
29	Downregulated miR-1247-5p associates with poor prognosis and facilitates tumor cell growth via DVL1/Wnt/ β 2-catenin signaling in breast cancer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 302-308.	2.1	34
30	The new 6q27 tumor suppressor DACT2, frequently silenced by CpG methylation, sensitizes nasopharyngeal cancer cells to paclitaxel and 5-FU toxicity via β 2-catenin/Cdc25c signaling and G2/M arrest. <i>Clinical Epigenetics</i> , 2018, 10, 26.	4.1	34
31	A novel double antibody sandwich-lateral flow immunoassay for the rapid and simple detection of hepatitis C virus. <i>International Journal of Molecular Medicine</i> , 2012, 30, 1041-1047.	4.0	33
32	Epigenomic characterization of a p53-regulated 3p22.2 tumor suppressor that inhibits STAT3 phosphorylation via protein docking and is frequently methylated in esophageal and other carcinomas. <i>Theranostics</i> , 2018, 8, 61-77.	10.0	33
33	TRIM44 is indispensable for glioma cell proliferation and cell cycle progression through AKT/p21/p27 signaling pathway. <i>Journal of Neuro-Oncology</i> , 2019, 145, 211-222.	2.9	33
34	Transmembrane-4 L-six family member-1 (TM4SF1) promotes non-small cell lung cancer proliferation, invasion and chemo-resistance through regulating the DDR1/Akt/ERK-mTOR axis. <i>Respiratory Research</i> , 2019, 20, 106.	3.6	31
35	19q13 KRAB zinc-finger protein ZNF471 activates MAPK10/JNK3 signaling but is frequently silenced by promoter CpG methylation in esophageal cancer. <i>Theranostics</i> , 2020, 10, 2243-2259.	10.0	31
36	Dickkopf-related protein 2 induces G0/G1 arrest and apoptosis through suppressing Wnt/ β 2-catenin signaling and is frequently methylated in breast cancer. <i>Oncotarget</i> , 2017, 8, 39443-39459.	1.8	31

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37	Phospholipase C β 1 suppresses cell migration and invasion of breast cancer cells by modulating KIF3A-mediated ERK1/2/ β -catenin/MMP7 signalling. <i>Oncotarget</i> , 2017, 8, 29056-29066.	1.8	30
38	Dual inhibition of Akt and ERK signaling induces cell senescence in triple-negative breast cancer. <i>Cancer Letters</i> , 2019, 448, 94-104.	7.2	29
39	Long-term anti-inflammatory diet in relation to improved breast cancer prognosis: a prospective cohort study. <i>Npj Breast Cancer</i> , 2020, 6, 36.	5.2	29
40	BTB/POZ zinc finger protein ZBTB16 inhibits breast cancer proliferation and metastasis through upregulating ZBTB28 and antagonizing BCL6/ZBTB27. <i>Clinical Epigenetics</i> , 2020, 12, 82.	4.1	29
41	Epigenetic silencing of <i>ADAMTS18</i> promotes cell migration and invasion of breast cancer through AKT and NF κ B signaling. <i>Cancer Medicine</i> , 2017, 6, 1399-1408.	2.8	28
42	Zinc-Finger Protein 545 Inhibits Cell Proliferation as a Tumor Suppressor through Inducing Apoptosis and is Disrupted by Promoter Methylation in Breast Cancer. <i>PLoS ONE</i> , 2014, 9, e110990.	2.5	27
43	ADAMTS9 is Silenced by Epigenetic Disruption in Colorectal Cancer and Inhibits Cell Growth and Metastasis by Regulating Akt/p53 Signaling. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1370-1380.	1.6	27
44	TET1 exerts its anti-tumor functions via demethylating DACT2 and SFRP2 to antagonize Wnt/ β -catenin signaling pathway in nasopharyngeal carcinoma cells. <i>Clinical Epigenetics</i> , 2018, 10, 103.	4.1	27
45	The tumor suppressor interferon regulatory factor 8 inhibits β -catenin signaling in breast cancers, but is frequently silenced by promoter methylation. <i>Oncotarget</i> , 2017, 8, 48875-48888.	1.8	27
46	Attenuated Salmonella Typhimurium Carrying TRAIL and VP3 Genes Inhibits the Growth of Gastric Cancer Cells in Vitro and in Vivo. <i>Tumori</i> , 2010, 96, 296-303.	1.1	26
47	Epigenetic inactivation of PLCD1 in chronic myeloid leukemia. <i>International Journal of Molecular Medicine</i> , 2012, 30, 179-84.	4.0	26
48	The novel 19q13 KRAB zinc-finger tumour suppressor ZNF382 is frequently methylated in oesophageal squamous cell carcinoma and antagonises Wnt/ β -catenin signalling. <i>Cell Death and Disease</i> , 2018, 9, 573.	6.3	26
49	DACT2 silencing by promoter CpG methylation disrupts its regulation of epithelial-to-mesenchymal transition and cytoskeleton reorganization in breast cancer cells. <i>Oncotarget</i> , 2016, 7, 70924-70935.	1.8	24
50	Tumor suppressive BTB/POZ zinc-finger protein ZBTB28 inhibits oncogenic BCL6/ZBTB27 signaling to maintain p53 transcription in multiple carcinogenesis. <i>Theranostics</i> , 2019, 9, 8182-8195.	10.0	23
51	Aquaporin-9 downregulation prevents steatosis in oleic acid-induced non-alcoholic fatty liver disease cell models. <i>International Journal of Molecular Medicine</i> , 2013, 32, 1159-1165.	4.0	22
52	The 3p14.2 tumour suppressor <i>ADAMTS9</i> is inactivated by promoter CpG methylation and inhibits tumour cell growth in breast cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1257-1271.	3.6	22
53	Deregulation of secreted frizzled-related proteins is associated with aberrant β -catenin activation in the carcinogenesis of oral submucous fibrosis. <i>OncoTargets and Therapy</i> , 2015, 8, 2923.	2.0	21
54	Paired box 5 is a frequently methylated lung cancer tumour suppressor gene interfering β -catenin signalling and <i>GADD45G</i> expression. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 842-854.	3.6	21

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55	The tumor suppressor Zinc finger protein 471 suppresses breast cancer growth and metastasis through inhibiting AKT and Wnt/ β -catenin signaling. <i>Clinical Epigenetics</i> , 2020, 12, 173.	4.1	21
56	Expression and promoter methylation of Wnt inhibitory factor-1 in the development of oral submucous fibrosis. <i>Oncology Reports</i> , 2015, 34, 2636-2642.	2.6	19
57	Interferon Consensus Sequence-Binding Protein 8, a Tumor Suppressor, Suppresses Tumor Growth and Invasion of Non-Small Cell Lung Cancer by Interacting with the Wnt/ β -Catenin Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 961-978.	1.6	19
58	RNA Interference-Mediated Silencing of the Hsp70 Gene Inhibits Human Gastric Cancer Cell Growth and Induces Apoptosis in Vitro and in Vivo. <i>Tumori</i> , 2008, 94, 539-550.	1.1	17
59	Endogenous LKB1 knockdown accelerates G1/S transition through p53 and p16 pathways. <i>Cancer Biology and Therapy</i> , 2010, 9, 156-160.	3.4	17
60	The epigenetically downregulated factor CYGB suppresses breast cancer through inhibition of glucose metabolism. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 313.	8.6	16
61	Cancer cells escape p53's tumor suppression through ablation of ZDHHC1-mediated p53 palmitoylation. <i>Oncogene</i> , 2021, 40, 5416-5426.	5.9	16
62	Dickkopf-Related Protein 2 is Epigenetically Inactivated and Suppresses Colorectal Cancer Growth and Tumor Metastasis by Antagonizing Wnt/ β -Catenin Signaling. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1709-1724.	1.6	15
63	Inactivation of <i>ADAMTS18</i> by aberrant promoter hypermethylation contribute to lung cancer progression. <i>Journal of Cellular Physiology</i> , 2019, 234, 6965-6975.	4.1	14
64	The phosphoinositide hydrolase phospholipase C delta1 inhibits epithelial-mesenchymal transition and is silenced in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 13906-13916.	4.1	14
65	Vitamin K intake and breast cancer incidence and death: results from a prospective cohort study. <i>Clinical Nutrition</i> , 2021, 40, 3370-3378.	5.0	14
66	The hepatitis B virus-associated estrogen receptor alpha (ER α) was regulated by microRNA-130a in HepG2.2.15 human hepatocellular carcinoma cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 640-646.	2.0	13
67	Epigenetic identification of ZNF545 as a functional tumor suppressor in multiple myeloma via activation of p53 signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 660-666.	2.1	13
68	ZBTB28 inhibits breast cancer by activating IFNAR and dual blocking CD24 and CD47 to enhance macrophages phagocytosis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 83.	5.4	13
69	Tumor Suppression of Ras GTPase-Activating Protein RASA5 through Antagonizing Ras Signaling Perturbation in Carcinomas. <i>IScience</i> , 2019, 21, 1-18.	4.1	12
70	ZMYND10, an epigenetically regulated tumor suppressor, exerts tumor-suppressive functions via miR145-5p/NEDD9 axis in breast cancer. <i>Clinical Epigenetics</i> , 2019, 11, 184.	4.1	12
71	The 19q13 KRAB Zinc-finger protein <i>ZFP82</i> suppresses the growth and invasion of esophageal carcinoma cells through inhibiting <i>NF-κB</i> transcription and inducing apoptosis. <i>Epigenomics</i> , 2019, 11, 65-80.	2.1	12
72	ZBTB28 induces autophagy by regulation of FIP200 and Bcl-XL facilitating cervical cancer cell apoptosis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 150.	8.6	12

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73	Classic SRY box protein SOX7 functions as a tumor suppressor regulating WNT signaling and is methylated in renal cell carcinoma. <i>FASEB Journal</i> , 2019, 33, 254-263.	0.5	11
74	ZDHHC22-mediated mTOR palmitoylation restrains breast cancer growth and endocrine therapy resistance. <i>International Journal of Biological Sciences</i> , 2022, 18, 2833-2850.	6.4	11
75	Multiple targeted self-emulsifying compound RGO reveals obvious anti-tumor potential in hepatocellular carcinoma. <i>Molecular Therapy - Oncolytics</i> , 2021, 22, 604-616.	4.4	10
76	Depression and stress levels increase risk of liver cancer through epigenetic downregulation of hypocretin. <i>Genes and Diseases</i> , 2022, 9, 1024-1037.	3.4	9
77	Oral Immunization with Recombinant <i>Mycobacterium smegmatis</i> Expressing the Outer Membrane Protein 26-Kilodalton Antigen Confers Prophylactic Protection against <i>Helicobacter pylori</i> Infection. <i>Vaccine Journal</i> , 2011, 18, 1957-1961.	3.1	8
78	RP215 single chain fragment variable and single domain recombinant antibodies induce cell cycle arrest at G0/G1 phase in breast cancer. <i>Molecular Immunology</i> , 2014, 59, 100-109.	2.2	8
79	LPCAT1 functions as a novel prognostic molecular marker in hepatocellular carcinoma. <i>Genes and Diseases</i> , 2022, 9, 151-164.	3.4	8
80	Paired box 5 is a novel marker of breast cancers that is frequently downregulated by methylation. <i>International Journal of Biological Sciences</i> , 2018, 14, 1686-1695.	6.4	7
81	C2orf40 inhibits hepatocellular carcinoma through interaction with UBR5. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 2581-2591.	2.8	7
82	RNA interference-mediated silencing of the Hsp70 gene inhibits human gastric cancer cell growth and induces apoptosis in vitro and in vivo. <i>Tumori</i> , 2008, 94, 539-50.	1.1	7
83	Disruption of ZNF334 promotes triple-negative breast carcinoma malignancy through the SFRP1/Wnt/ β -catenin signaling axis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 280.	5.4	6
84	<i>CAVIN2</i> is frequently silenced by CpG methylation and sensitizes lung cancer cells to paclitaxel and 5-FU. <i>Epigenomics</i> , 2020, 12, 1793-1810.	2.1	3
85	Integrated multi-omics profiling of high-grade estrogen receptor-positive, HER2-negative breast cancer. <i>Molecular Oncology</i> , 2022, 16, 2413-2431.	4.6	3
86	Prognostic significance of interferon regulating factor 4 in esophageal squamous cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 685-691.	2.1	2
87	Biomimetic microbioreactor-supramolecular nanovesicles improve enzyme therapy of hepatic cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 31, 102311.	3.3	2
88	Risk of hematologic malignancies after breast ductal carcinoma in situ treatment with ionizing radiation. <i>Npj Breast Cancer</i> , 2021, 7, 21.	5.2	0
89	Zinc-finger protein 382 antagonises CDC25A and ZEB1 signaling pathway in breast cancer. <i>Genes and Diseases</i> , 2022, , .	3.4	0