

Yangchao Chen

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

6,181
citations

57758

44
h-index

71685

76
g-index

106
all docs

106
docs citations

106
times ranked

10431
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting long non-coding RNAs in cancers: Progress and prospects. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1895-1910.	2.8	439
2	MiR-26a Inhibits Cell Growth and Tumorigenesis of Nasopharyngeal Carcinoma through Repression of EZH2. <i>Cancer Research</i> , 2011, 71, 225-233.	0.9	379
3	Detection of COVID-19: A review of the current literature and future perspectives. <i>Biosensors and Bioelectronics</i> , 2020, 166, 112455.	10.1	302
4	EZH2-Mediated Concordant Repression of Wnt Antagonists Promotes β -Catenin-Dependent Hepatocarcinogenesis. <i>Cancer Research</i> , 2011, 71, 4028-4039.	0.9	199
5	Transforming berberine into its intestine-absorbable form by the gut microbiota. <i>Scientific Reports</i> , 2015, 5, 12155.	3.3	190
6	microRNA-146b inhibits glioma cell migration and invasion by targeting MMPs. <i>Brain Research</i> , 2009, 1269, 158-165.	2.2	179
7	Down-regulation of CXCR4 by inducible small interfering RNA inhibits breast cancer cell invasion in vitro. <i>Cancer Research</i> , 2003, 63, 4801-4.	0.9	163
8	EZH2 protein: a promising immunomarker for the detection of hepatocellular carcinomas in liver needle biopsies. <i>Gut</i> , 2011, 60, 967-976.	12.1	162
9	Revisit complexation between DNA and polyethylenimine – Effect of uncomplexed chains free in the solution mixture on gene transfection. <i>Journal of Controlled Release</i> , 2011, 155, 67-76.	9.9	155
10	Lentivirus-mediated RNA interference targeting enhancer of zeste homolog 2 inhibits hepatocellular carcinoma growth through down-regulation of stathmin. <i>Hepatology</i> , 2007, 46, 200-208.	7.3	153
11	Revisit the complexation of PEI and DNA – How to make low cytotoxic and highly efficient PEI gene transfection non-viral vectors with a controllable chain length and structure?. <i>Journal of Controlled Release</i> , 2009, 140, 40-46.	9.9	143
12	<i>Hsa-miR-17g</i> inhibits proliferation of hepatocellular carcinoma cells by downregulation of <i>c-myc</i> and upregulation of <i>p16^{INK4A}</i> . <i>International Journal of Cancer</i> , 2011, 128, 319-331.	5.1	143
13	MicroRNA-15b regulates cell cycle progression by targeting cyclins in glioma cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 205-210.	2.1	140
14	EZH2 supports ovarian carcinoma cell invasion and/or metastasis via regulation of TGF- β 1 and is a predictor of outcome in ovarian carcinoma patients. <i>Carcinogenesis</i> , 2010, 31, 1576-1583.	2.8	136
15	Flavonoids of <i>Herba Epimedii</i> regulate osteogenesis of human mesenchymal stem cells through BMP and Wnt/ β -catenin signaling pathway. <i>Molecular and Cellular Endocrinology</i> , 2010, 314, 70-74.	3.2	125
16	Bone Morphogenic Protein-4 Impairs Endothelial Function Through Oxidative Stress-Dependent Cyclooxygenase-2 Upregulation. <i>Circulation Research</i> , 2010, 107, 984-991.	4.5	121
17	Epigenetic Silencing of miR-490-3p Reactivates the Chromatin Remodeler SMARCD1 to Promote <i>Helicobacter pylori</i> -Induced Gastric Carcinogenesis. <i>Cancer Research</i> , 2015, 75, 754-765.	0.9	115
18	The use of folate-PEG-grafted-hybranched-PEI nonviral vector for the inhibition of glioma growth in the rat. <i>Biomaterials</i> , 2009, 30, 4014-4020.	11.4	113

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19	Targeting cadherin-17 inactivates Wnt signaling and inhibits tumor growth in liver carcinoma. <i>Hepatology</i> , 2009, 50, 1453-1463.	7.3	107
20	CircFOXK2 Promotes Growth and Metastasis of Pancreatic Ductal Adenocarcinoma by Complexing with RNA-Binding Proteins and Sponging MiR-942. <i>Cancer Research</i> , 2020, 80, 2138-2149.	0.9	106
21	Curcumin induces down-regulation of EZH2 expression through the MAPK pathway in MDA-MB-435 human breast cancer cells. <i>European Journal of Pharmacology</i> , 2010, 637, 16-21.	3.5	98
22	Small and Long Non-Coding RNAs: Novel Targets in Perspective Cancer Therapy. <i>Current Genomics</i> , 2015, 16, 319-326.	1.6	88
23	A Small-Molecule Modulator of the Tumor-Suppressor miR34a Inhibits the Growth of Hepatocellular Carcinoma. <i>Cancer Research</i> , 2014, 74, 6236-6247.	0.9	86
24	Proteomic identification of molecular targets of gambogic acid: Role of stathmin in hepatocellular carcinoma. <i>Proteomics</i> , 2009, 9, 242-253.	2.2	81
25	High expression of EZH2 is associated with tumor aggressiveness and poor prognosis in patients with esophageal squamous cell carcinoma treated with definitive chemoradiotherapy. <i>International Journal of Cancer</i> , 2010, 127, 138-147.	5.1	76
26	Marine natural products with anti-inflammatory activity. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 1645-1666.	3.6	74
27	Carboxyl-Terminal Truncated HBx Regulates a Distinct MicroRNA Transcription Program in Hepatocellular Carcinoma Development. <i>PLoS ONE</i> , 2011, 6, e22888.	2.5	73
28	<sc>EZH</sc>2 coupled with <sc>HOTAIR</sc> to silence Micro<sc>RNA</sc>â€³4a by the induction of heterochromatin formation in human pancreatic ductal adenocarcinoma. <i>International Journal of Cancer</i> , 2017, 140, 120-129.	5.1	71
29	Novel therapeutic targets for pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2014, 20, 10825.	3.3	70
30	Insight Into the Role of Long Noncoding RNA in Cancer Development and Progression. <i>International Review of Cell and Molecular Biology</i> , 2016, 326, 33-65.	3.2	68
31	Bone morphogenic protein-4 induces endothelial cell apoptosis through oxidative stress-dependent p38MAPK and JNK pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 237-244.	1.9	65
32	Clinical significance of exosomes as potential biomarkers in cancer. <i>World Journal of Clinical Cases</i> , 2019, 7, 171-190.	0.8	65
33	Role of bile acids in carcinogenesis of pancreatic cancer: An old topic with new perspective. <i>World Journal of Gastroenterology</i> , 2016, 22, 7463.	3.3	65
34	Hepatitis B virus X protein promotes hepatocellular carcinoma transformation through interleukin-6 activation of microRNA-21 expression. <i>European Journal of Cancer</i> , 2014, 50, 2560-2569.	2.8	61
35	TRPC5 channels participate in pressure-sensing in aortic baroreceptors. <i>Nature Communications</i> , 2016, 7, 11947.	12.8	61
36	Effect of Berberine on promoting the excretion of cholesterol in high-fat diet-induced hyperlipidemic hamsters. <i>Journal of Translational Medicine</i> , 2015, 13, 278.	4.4	60

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37	The Impact of TRPV1 on Cancer Pathogenesis and Therapy: A Systematic Review. <i>International Journal of Biological Sciences</i> , 2021, 17, 2034-2049.	6.4	60
38	RNAi targeting EZH2 inhibits tumor growth and liver metastasis of pancreatic cancer in vivo. <i>Cancer Letters</i> , 2010, 297, 109-116.	7.2	58
39	Enhancer of Zeste Homolog 2 Silences MicroRNA-218 in Human Pancreatic Ductal Adenocarcinoma Cells by Inducing Formation of Heterochromatin. <i>Gastroenterology</i> , 2013, 144, 1086-1097.e9.	1.3	57
40	Targeting EZH2 for Cancer Therapy: Progress and Perspective. <i>Current Protein and Peptide Science</i> , 2015, 16, 559-570.	1.4	57
41	Proteomic analysis of EZH2 downstream target proteins in hepatocellular carcinoma. <i>Proteomics</i> , 2007, 7, 3097-3104.	2.2	51
42	Protective effects of cathelicidin-encoding <i>Lactococcus lactis</i> in murine ulcerative colitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012, 27, 1205-1212.	2.8	51
43	Silencing PinX1 Compromises Telomere Length Maintenance As Well As Tumorigenicity in Telomerase-Positive Human Cancer Cells. <i>Cancer Research</i> , 2009, 69, 75-83.	0.9	50
44	Glucose-regulated Protein 78 Is an Intracellular Antiviral Factor against Hepatitis B Virus. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2582-2594.	3.8	49
45	Cell Cycle-Related Kinase: A Novel Candidate Oncogene in Human Glioblastoma. <i>Journal of the National Cancer Institute</i> , 2007, 99, 936-948.	6.3	48
46	Proteomic identification of microRNA-122a target proteins in hepatocellular carcinoma. <i>Proteomics</i> , 2010, 10, 3723-3731.	2.2	44
47	Functional Interplay between CBP and PCAF in Acetylation and Regulation of Transcription Factor KLF13 Activity. <i>Journal of Molecular Biology</i> , 2003, 329, 207-215.	4.2	43
48	Activation of PTEN by inhibition of TRPV4 suppresses colon cancer development. <i>Cell Death and Disease</i> , 2019, 10, 460.	6.3	41
49	Down-regulation of stathmin is required for TGF- β 2 inducible early gene 1 induced growth inhibition of pancreatic cancer cells. <i>Cancer Letters</i> , 2009, 274, 101-108.	7.2	40
50	Role of microRNA-95 in the anticancer activity of Brucein D in hepatocellular carcinoma. <i>European Journal of Pharmacology</i> , 2014, 728, 141-150.	3.5	36
51	CircRTN4 promotes pancreatic cancer progression through a novel CircRNA-miRNA-lncRNA pathway and stabilizing epithelial-mesenchymal transition protein. <i>Molecular Cancer</i> , 2022, 21, 10.	19.2	35
52	Truncated HBx-dependent silencing of GAS2 promotes hepatocarcinogenesis through deregulation of cell cycle, senescence and p53-mediated apoptosis. <i>Journal of Pathology</i> , 2015, 237, 38-49.	4.5	33
53	Inhibition of Bone Morphogenic Protein 4 Restores Endothelial Function in <i>db/db</i> Diabetic Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 152-159.	2.4	32
54	Berberine induces miR-373 expression in hepatocytes to inactivate hepatic steatosis associated AKT-S6 kinase pathway. <i>European Journal of Pharmacology</i> , 2018, 825, 107-118.	3.5	32

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55	A novel glioblastoma cancer gene therapy using AAV-mediated long-term expression of human TERT C-terminal polypeptide. <i>Cancer Gene Therapy</i> , 2007, 14, 561-572.	4.6	31
56	HIV-1 gp120 primes lymphocytes for opioid-induced, β 2-arrestin 2-dependent apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1366-1371.	4.1	31
57	A potential antitumor ellagitannin, davidiin, inhibited hepatocellular tumor growth by targeting EZH2. <i>Tumor Biology</i> , 2014, 35, 205-212.	1.8	31
58	Genome-Wide Screening and Functional Analysis Identifies Tumor Suppressor Long Noncoding RNAs Epigenetically Silenced in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2019, 79, 1305-1317.	0.9	31
59	A novel tRNA-derived fragment AS-tDR-007333 promotes the malignancy of NSCLC via the HSPB1/MED29 and ELK4/MED29 axes. <i>Journal of Hematology and Oncology</i> , 2022, 15, 53.	17.0	31
60	Adenosine diphosphate-ribosylation factor 6 is required for epidermal growth factor-induced glioblastoma cell proliferation. <i>Cancer</i> , 2009, 115, 4959-4972.	4.1	30
61	A1762T/G1764A mutations of hepatitis B virus, associated with the increased risk of hepatocellular carcinoma, reduce basal core promoter activities. <i>Biochemical and Biophysical Research Communications</i> , 2008, 374, 773-776.	2.1	26
62	STK31 Maintains the Undifferentiated State of Colon Cancer Cells. <i>Carcinogenesis</i> , 2012, 33, 2044-2053.	2.8	24
63	Therapeutic potential of targeting acinar cell reprogramming in pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2016, 22, 7046.	3.3	24
64	Aqueous Extracts of Fructus Ligustri Lucidi Enhance the Sensitivity of Human Colorectal Carcinoma DLD-1 Cells to Doxorubicin-Induced Apoptosis via Tbx3 Suppression. <i>Integrative Cancer Therapies</i> , 2011, 10, 85-91.	2.0	22
65	Functional characterisation of cell cycle-related kinase (CCRK) in colorectal cancer carcinogenesis. <i>European Journal of Cancer</i> , 2010, 46, 1752-1761.	2.8	21
66	Transcriptional regulation of corticotrophin releasing factor gene by furocoumarins isolated from seeds of <i>Psoralea corylifolia</i> . <i>Life Sciences</i> , 2008, 82, 1117-1121.	4.3	20
67	Identification of metabolites of FR429, a potential antitumor ellagitannin, transformed by rat intestinal bacteria in vitro, based on liquid chromatography-ion trap-time of flight mass spectrometry analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 71, 162-167.	2.8	20
68	Ectopic HOTTIP expression induces noncanonical transactivation pathways to promote growth and invasiveness in pancreatic ductal adenocarcinoma. <i>Cancer Letters</i> , 2020, 477, 1-9.	7.2	20
69	B cell CLL/lymphoma 6 member B inhibits hepatocellular carcinoma metastases in vitro and in mice. <i>Cancer Letters</i> , 2014, 355, 192-200.	7.2	19
70	LLGL1 Regulates Gemcitabine Resistance by Modulating the ERK-SP1-OSMR Pathway in Pancreatic Ductal Adenocarcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 811-828.	4.5	19
71	Overexpression of GOLPH3 is associated with poor survival in Non-small-cell lung cancer. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 1756-62.	0.0	19
72	β 2-arrestin2/miR-155/GSK-3 β regulates transition of 5-azacytine-induced Sca-1 ⁺ positive cells to cardiomyocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1562-1570.	3.6	17

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73	Microarray Profile of Brain Aging-Related Genes in the Frontal Cortex of SAMP8. <i>Journal of Molecular Neuroscience</i> , 2010, 41, 12-16.	2.3	16
74	Metabolite profiling analysis of FR429, an ellagitannin purified from <i>Polygonum capitatum</i> , in rat and human liver microsomes, cytosol and rat primary hepatocytes in vitro. <i>Chemico-Biological Interactions</i> , 2014, 220, 33-40.	4.0	16
75	Biotransformation and in Vitro Metabolic Profile of Bioactive Extracts from a Traditional Miao-Nationality Herbal Medicine, <i>Polygonum capitatum</i> . <i>Molecules</i> , 2014, 19, 10291-10308.	3.8	14
76	Hepatitis C virus NS5A protein cooperates with phosphatidylinositol 4-kinase III β to induce mitochondrial fragmentation. <i>Scientific Reports</i> , 2016, 6, 23464.	3.3	14
77	A simple and rapid colorimetric detection of serum lncRNA biomarkers for diagnosis of pancreatic cancer. <i>RSC Advances</i> , 2020, 10, 8087-8092.	3.6	14
78	Therapeutic potential of targeting MKK3-p38 axis with Capsaicin for Nasopharyngeal Carcinoma. <i>Theranostics</i> , 2020, 10, 7906-7920.	10.0	13
79	Overexpression of Bax inhibitor-1 (BI-1) induces cell transformation in NIH3T3 cells. <i>Cell Biology International</i> , 2010, 34, 1099-1104.	3.0	12
80	In Vivo Metabolite Profiling of a Purified Ellagitannin Isolated from <i>Polygonum capitatum</i> in Rats. <i>Molecules</i> , 2016, 21, 1110.	3.8	11
81	Ubiquitous Expression of MAKORIN-2 in Normal and Malignant Hematopoietic Cells and Its Growth Promoting Activity. <i>PLoS ONE</i> , 2014, 9, e92706.	2.5	11
82	PYRIN domain of NALP2 inhibits cell proliferation and tumor growth of human glioblastoma. <i>Plasmid</i> , 2010, 64, 41-50.	1.4	9
83	Transient Receptor Potential Cation Channel Subfamily V Member 1 Expression Promotes Chemoresistance in Non-Small-Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 773654.	2.8	9
84	Small molecule targeting miR-34a for cancer therapy. <i>Molecular and Cellular Oncology</i> , 2015, 2, e977160.	0.7	7
85	G protein-coupled estrogen receptor inhibits the P2Y receptor-mediated Ca ²⁺ signaling pathway in human airway epithelia. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 1489-1503.	2.8	7
86	Inhibition of HBV replication and gene expression in vitro and in vivo with a single AAV vector delivering two shRNA molecules. <i>BMB Reports</i> , 2009, 42, 59-64.	2.4	7
87	Transcription coactivator CBP has direct DNA binding activity and stimulates transcription factor DNA binding through small domains. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 118-124.	2.1	6
88	The establishment of CDK9/RNA PolIII/H3K4me3/DNA methylation feedback promotes HOTAIR expression by RNA elongation enhancement in cancer. <i>Molecular Therapy</i> , 2022, 30, 1597-1609.	8.2	6
89	Inhibition of HBV gene expression and replication by stably expressed interferon α 1 via adeno-associated viral vectors. <i>Journal of Gene Medicine</i> , 2008, 10, 619-627.	2.8	5
90	Diagnostic Potential of lncRNAs in Cancer. <i>EBioMedicine</i> , 2016, 7, 7-8.	6.1	4

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91	High level virion production and surface antigen expression with 1.5 copies of hepatitis B viral genome. Journal of Virological Methods, 2009, 159, 135-140.	2.1	2
92	Identification of Small Molecule Modulators of MicroRNA by Library Screening. Methods in Molecular Biology, 2017, 1517, 169-178.	0.9	2
93	Dynamic Transcriptional Changes of TIEG1 and TIEG2 During Mouse Tissue Development. Anatomical Record, 2010, 293, 858-864.	1.4	1
94	Developmental and tissue specific expression of EZH2. FASEB Journal, 2008, 22, 258-258.	0.5	1
95	Novel Therapeutic Targets for Hepatocellular Carcinoma Treatment. , 0, , .		1
96	Abstract 4788: Enhancer of zeste homolog 2 couples with HOTAIR to inhibit tumor suppressor miR-34a in human pancreatic ductal adenocarcinoma. , 2015, , .		1
97	Abstract 4881: Polycomb protein EZH2 activates Wnt/ β -catenin signaling to promote hepatocellular carcinoma development. , 2010, , .		0
98	Abstract A22: Targeting S100p Sensitizes Pancreatic Cancer Cells towards Gemcitabine. , 2016, , .		0
99	Abstract 2844: Identification of genes associated with pancreatic cancer metastasis by genome-wide CRISPR Cas9 screening. , 2017, , .		0
100	Abstract PO-006: CircRTN4 promotes pancreatic cancer progression through a novel circRNA-miRNA-lncRNA pathway and stabilizing epithelial-mesenchymal transition protein. , 2021, , .		0