

Ze-Kuan Xu

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78
papers

2,387
citations

28
h-index

47
g-index

85
ext. papers

3,155
ext. citations

7.5
avg, IF

4.98
L-index

#	Paper	IF	Citations
78	Circular RNA circNRIP1 acts as a microRNA-149-5p sponge to promote gastric cancer progression via the AKT1/mTOR pathway. <i>Molecular Cancer</i> , 2019 , 18, 20	42.1	368
77	Circular RNA AKT3 upregulates PIK3R1 to enhance cisplatin resistance in gastric cancer via miR-198 suppression. <i>Molecular Cancer</i> , 2019 , 18, 71	42.1	210
76	Linc00152 promotes proliferation in gastric cancer through the EGFR-dependent pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015 , 34, 135	12.8	93
75	miR-874 Inhibits cell proliferation, migration and invasion through targeting aquaporin-3 in gastric cancer. <i>Journal of Gastroenterology</i> , 2014 , 49, 1011-25	6.9	89
74	miR-874 functions as a tumor suppressor by inhibiting angiogenesis through STAT3/VEGF-A pathway in gastric cancer. <i>Oncotarget</i> , 2015 , 6, 1605-17	3.3	85
73	MicroRNA-148a-3p enhances cisplatin cytotoxicity in gastric cancer through mitochondrial fission induction and cyto-protective autophagy suppression. <i>Cancer Letters</i> , 2017 , 410, 212-227	9.9	80
72	Exosomal miR-21-5p derived from gastric cancer promotes peritoneal metastasis via mesothelial-to-mesenchymal transition. <i>Cell Death and Disease</i> , 2018 , 9, 854	9.8	78
71	Novel role of miR-133a-3p in repressing gastric cancer growth and metastasis via blocking autophagy-mediated glutaminolysis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018 , 37, 320	12.8	64
70	LncRNA H19 functions as a competing endogenous RNA to regulate AQP3 expression by sponging miR-874 in the intestinal barrier. <i>FEBS Letters</i> , 2016 , 590, 1354-64	3.8	58
69	The increase in the expression and hypomethylation of MUC4 gene with the progression of pancreatic ductal adenocarcinoma. <i>Medical Oncology</i> , 2011 , 28 Suppl 1, S175-84	3.7	56
68	Circular RNA profile identifies circOSBPL10 as an oncogenic factor and prognostic marker in gastric cancer. <i>Oncogene</i> , 2019 , 38, 6985-7001	9.2	52
67	Chronic stress promotes gastric cancer progression and metastasis: an essential role for ADRB2. <i>Cell Death and Disease</i> , 2019 , 10, 788	9.8	52
66	Overexpression of miR-584-5p inhibits proliferation and induces apoptosis by targeting WW domain-containing E3 ubiquitin protein ligase 1 in gastric cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017 , 36, 59	12.8	48
65	miR-324-3p promotes gastric cancer development by activating Smad4-mediated Wnt/beta-catenin signaling pathway. <i>Journal of Gastroenterology</i> , 2018 , 53, 725-739	6.9	45
64	MUC4-induced nuclear translocation of β catenin: a novel mechanism for growth, metastasis and angiogenesis in pancreatic cancer. <i>Cancer Letters</i> , 2014 , 346, 104-13	9.9	44
63	Gastric adenocarcinoma has a unique microRNA signature not present in esophageal adenocarcinoma. <i>Cancer</i> , 2013 , 119, 1985-93	6.4	44
62	Morbidity and Mortality of Laparoscopic vs Open Total Gastrectomy for Clinical Stage I Gastric Cancer: The CLASS02 Multicenter Randomized Clinical Trial. <i>JAMA Oncology</i> , 2020 , 6, 1590-1597	13.4	41

61	Knockdown of aquaporin 3 is involved in intestinal barrier integrity impairment. <i>FEBS Letters</i> , 2011 , 585, 3113-9	3.8	40
60	MIR-1265 regulates cellular proliferation and apoptosis by targeting calcium binding protein 39 in gastric cancer and, thereby, impairing oncogenic autophagy. <i>Cancer Letters</i> , 2019 , 449, 226-236	9.9	39
59	MiR-874 promotes intestinal barrier dysfunction through targeting AQP3 following intestinal ischemic injury. <i>FEBS Letters</i> , 2014 , 588, 757-63	3.8	39
58	MiR-422a regulates cellular metabolism and malignancy by targeting pyruvate dehydrogenase kinase 2 in gastric cancer. <i>Cell Death and Disease</i> , 2018 , 9, 505	9.8	38
57	miR-424-5p promotes proliferation of gastric cancer by targeting Smad3 through TGF- β signaling pathway. <i>Oncotarget</i> , 2016 , 7, 75185-75196	3.3	36
56	Gastric cancer: Epidemiology, risk factors and prevention strategies. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2020 , 32, 695-704	3.8	35
55	PRDX2 protects against oxidative stress induced by H. pylori and promotes resistance to cisplatin in gastric cancer. <i>Redox Biology</i> , 2020 , 28, 101319	11.3	33
54	miR-664a-3p functions as an oncogene by targeting Hippo pathway in the development of gastric cancer. <i>Cell Proliferation</i> , 2019 , 52, e12567	7.9	30
53	ZNF143 enhances metastasis of gastric cancer by promoting the process of EMT through PI3K/AKT signaling pathway. <i>Tumor Biology</i> , 2016 , 37, 12813-12821	2.9	30
52	A novel protein encoded by circMAPK1 inhibits progression of gastric cancer by suppressing activation of MAPK signaling. <i>Molecular Cancer</i> , 2021 , 20, 66	42.1	29
51	miR-3174 Contributes to Apoptosis and Autophagic Cell Death Defects in Gastric Cancer Cells by Targeting ARHGAP10. <i>Molecular Therapy - Nucleic Acids</i> , 2017 , 9, 294-311	10.7	28
50	Integrated Analysis of Mouse and Human Gastric Neoplasms Identifies Conserved microRNA Networks in Gastric Carcinogenesis. <i>Gastroenterology</i> , 2019 , 156, 1127-1139.e8	13.3	27
49	Clinical Application of Circulating Tumor DNA in the Genetic Analysis of Patients with Advanced GIST. <i>Molecular Cancer Therapeutics</i> , 2018 , 17, 290-296	6.1	27
48	Muscarinic receptor M3 mediates cell proliferation induced by acetylcholine and contributes to apoptosis in gastric cancer. <i>Tumor Biology</i> , 2016 , 37, 2105-17	2.9	26
47	Circular RNA MCTP2 inhibits cisplatin resistance in gastric cancer by miR-99a-5p-mediated induction of MTMR3 expression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020 , 39, 246	12.8	25
46	The Role of Tumoral FOXP3 on Cell Proliferation, Migration, and Invasion in Gastric Cancer. <i>Cellular Physiology and Biochemistry</i> , 2017 , 42, 1739-1754	3.9	23
45	Reduced USP33 expression in gastric cancer decreases inhibitory effects of Slit2-Robo1 signalling on cell migration and EMT. <i>Cell Proliferation</i> , 2019 , 52, e12606	7.9	20
44	The role of the AMOP domain in MUC4/Y-promoted tumour angiogenesis and metastasis in pancreatic cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016 , 35, 91	12.8	20

43	The proliferation impairment induced by AQP3 deficiency is the result of glycerol uptake and metabolism inhibition in gastric cancer cells. <i>Tumor Biology</i> , 2016 , 37, 9169-79	2.9	19
42	Meta-analysis of genome-wide association studies and functional assays decipher susceptibility genes for gastric cancer in Chinese populations. <i>Gut</i> , 2020 , 69, 641-651	19.2	18
41	A functional polymorphism in TFF1 promoter is associated with the risk and prognosis of gastric cancer. <i>International Journal of Cancer</i> , 2018 , 142, 1805-1816	7.5	18
40	CircFAM73A promotes the cancer stem cell-like properties of gastric cancer through the miR-490-3p/HMGA2 positive feedback loop and HNRNPk-mediated Eatenin stabilization. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 103	12.8	17
39	Silencing of AQP3 induces apoptosis of gastric cancer cells via downregulation of glycerol intake and downstream inhibition of lipogenesis and autophagy. <i>OncoTargets and Therapy</i> , 2017 , 10, 2791-2804	4.4	16
38	Circular RNA circLMO7 acts as a microRNA-30a-3p sponge to promote gastric cancer progression via the WNT2/Eatenin pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 6	12.8	16
37	Natriuretic peptide receptor A inhibition suppresses gastric cancer development through reactive oxygen species-mediated G2/M cell cycle arrest and cell death. <i>Free Radical Biology and Medicine</i> , 2016 , 99, 593-607	7.8	14
36	MUC4-promoted neural invasion is mediated by the axon guidance factor Netrin-1 in PDAC. <i>Oncotarget</i> , 2015 , 6, 33805-22	3.3	14
35	Safety and feasibility of laparoscopic spleen-preserving No. 10 lymph node dissection for locally advanced upper third gastric cancer: a prospective, multicenter clinical trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020 , 34, 5062-5073	5.2	14
34	Role of peroxisome proliferator-activated receptor gamma in glucose-induced insulin secretion. <i>Acta Biochimica Et Biophysica Sinica</i> , 2006 , 38, 1-7	2.8	13
33	Pancreatic cancer counterattack: MUC4 mediates Fas-independent apoptosis of antigen-specific cytotoxic T lymphocyte. <i>Oncology Reports</i> , 2014 , 31, 1768-76	3.5	12
32	Association of Imatinib Plasma Concentration and Single-nucleotide Polymorphisms with Adverse Drug Reactions in Patients with Gastrointestinal Stromal Tumors. <i>Molecular Cancer Therapeutics</i> , 2018 , 17, 2780-2787	6.1	12
31	Upregulation of the splice variant MUC4/Y in the pancreatic cancer cell line MIA PaCa-2 potentiates proliferation and suppresses apoptosis: new insight into the presence of the transcript variant of MUC4. <i>Oncology Reports</i> , 2014 , 31, 2187-94	3.5	11
30	Comparison of treatment outcomes between laparoscopic and endoscopic surgeries for relatively small gastric gastrointestinal stromal tumors. <i>Surgical Oncology</i> , 2018 , 27, 737-742	2.5	11
29	Muscarinic acetylcholine receptor 3 mediates vagus nerve-induced gastric cancer. <i>Oncogenesis</i> , 2018 , 7, 88	6.6	11
28	LEM domain containing 1 promotes proliferation via activating the PI3K/Akt signaling pathway in gastric cancer. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 15190-15201	4.7	10
27	Circular RNA TMEM87A promotes cell proliferation and metastasis of gastric cancer by elevating ULK1 via sponging miR-142-5p. <i>Journal of Gastroenterology</i> , 2021 , 56, 125-138	6.9	10
26	Specific-detection of clinical samples, systematic functional investigations, and transcriptome analysis reveals that splice variant MUC4/Y contributes to the malignant progression of pancreatic cancer by triggering malignancy-related positive feedback loops signaling. <i>Journal of Translational Medicine</i> , 2014 , 12, 309	8.5	7

25	Transcriptional regulation of human mucin gene MUC4 in pancreatic cancer cells. <i>Molecular Biology Reports</i> , 2010 , 37, 2797-802	2.8	7
24	Short-Term Surgical Outcomes of Laparoscopic Proximal Gastrectomy With Double-Tract Reconstruction Versus Laparoscopic Total Gastrectomy for Adenocarcinoma of Esophagogastric Junction: A Matched-Cohort Study. <i>Journal of Surgical Research</i> , 2020 , 246, 292-299	2.5	7
23	Reappraise role of No. 10 lymphadenectomy for proximal gastric cancer in the era of minimal invasive surgery during total gastrectomy: a pooled analysis of 4 prospective trial. <i>Gastric Cancer</i> , 2021 , 24, 245-257	7.6	7
22	ZNF143 Suppresses Cell Apoptosis and Promotes Proliferation in Gastric Cancer via ROS/p53 Axis. <i>Disease Markers</i> , 2020 , 2020, 5863178	3.2	6
21	NIDO, AMOP and vWD domains of MUC4 play synergic role in MUC4 mediated signaling. <i>Oncotarget</i> , 2017 , 8, 10385-10399	3.3	6
20	A Genetic Variant Located in Promoter Region Is Associated with Prognosis of Gastric Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 822-828	4	6
19	Uncut Roux-en-Y Reconstruction in a Laparoscopic Distal Gastrectomy: A Single-Center Study of 228 Consecutive Cases and Short-Term Outcomes. <i>Surgical Innovation</i> , 2019 , 26, 698-704	2	6
18	Intracellular concentration and transporters in imatinib resistance of gastrointestinal stromal tumor. <i>Scandinavian Journal of Gastroenterology</i> , 2019 , 54, 220-226	2.4	5
17	Expression of granulocyte colony-stimulating factor receptor in rectal cancer. <i>World Journal of Gastroenterology</i> , 2014 , 20, 1074-8	5.6	5
16	MiR-5683 suppresses glycolysis and proliferation through targeting pyruvate dehydrogenase kinase 4 in gastric cancer. <i>Cancer Medicine</i> , 2020 , 9, 7231-7243	4.8	5
15	miR-1301-3p Promotes Cell Proliferation and Facilitates Cell Cycle Progression Targeting SIRT1 in Gastric Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 664242	5.3	4
14	The novel role of circular RNA ST3GAL6 on blocking gastric cancer malignant behaviours through autophagy regulated by the FOXP2/MET/mTOR axis.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e707	5.7	3
13	Circular RNA UBE2Q2 promotes malignant progression of gastric cancer by regulating signal transducer and activator of transcription 3-mediated autophagy and glycolysis. <i>Cell Death and Disease</i> , 2021 , 12, 910	9.8	3
12	HMGA1 Regulates the Stem Cell-Like Properties of Circulating Tumor Cells from GIST Patients via Wnt/ECatenin Pathway. <i>OncoTargets and Therapy</i> , 2020 , 13, 4943-4956	4.4	2
11	CircETFA upregulates CCL5 by sponging miR-612 and recruiting EIF4A3 to promote hepatocellular carcinoma. <i>Cell Death Discovery</i> , 2021 , 7, 321	6.9	2
10	Outcomes of Laparoscopic Total Gastrectomy Combined With Spleen-Preserving Hilar Lymphadenectomy for Locally Advanced Proximal Gastric Cancer: A Nonrandomized Clinical Trial.. <i>JAMA Network Open</i> , 2021 , 4, e2139992	10.4	2
9	Therapeutic efficacy of two surgical methods on the secondary hyperparathyroidism. <i>Gland Surgery</i> , 2020 , 9, 321-328	2.2	1
8	Circular CPM promotes chemoresistance of gastric cancer via activating PRKAA2-mediated autophagy.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e708	5.7	1

7	Circulating tumor cells in whole process management of gastrointestinal stromal tumor in a real-life setting. <i>Saudi Journal of Gastroenterology</i> , 2020 , 26, 160-167	3	1
6	Natriuretic peptide receptor a promotes gastric malignancy through angiogenesis process. <i>Cell Death and Disease</i> , 2021 , 12, 968	9.8	1
5	miR-151a-3p-rich small extracellular vesicles derived from gastric cancer accelerate liver metastasis via initiating a hepatic stemness-enhancing niche. <i>Oncogene</i> , 2021 , 40, 6180-6194	9.2	1
4	Heritable Variants in the Chromosome Locus Increase Gastric Cancer Risk via Altered Chromatin Looping and Increased UBAP2L Expression. <i>Molecular Cancer Research</i> , 2021 , 19, 1992-2002	6.6	0
3	CircTHBS1 drives gastric cancer progression by increasing INHBA mRNA expression and stability in a ceRNA- and RBP-dependent manner.. <i>Cell Death and Disease</i> , 2022 , 13, 266	9.8	0
2	Correlation of MIF-AS1 polymorphisms with the risk and prognosis of gastric cancer.. <i>Pathology Research and Practice</i> , 2022 , 233, 153850	3.4	0
1	Early rejection and pathological changes in combined pancreaticoduodenal and kidney allotransplantation in pigs. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2002 , 1, 495-8	2.1	