Junming Guo

List of Publications by Year
in descending order

117 papers	9,342 citations	31976 53 h-index	39675 94 g-index
121 all docs	121 docs citations	121 times ranked	9454 citing authors

#	Article	IF	Citations
1	Using circular RNA as a novel type of biomarker in the screening of gastric cancer. Clinica Chimica Acta, 2015, 444, 132-136.	1.1	705
2	Differential expression of microRNA species in human gastric cancer versus nonâ€tumorous tissues. Journal of Gastroenterology and Hepatology (Australia), 2009, 24, 652-657.	2.8	414
3	Long noncoding RNA associated-competing endogenous RNAs in gastric cancer. Scientific Reports, 2014, 4, 6088.	3.3	367
4	Plasma long noncoding RNA protected by exosomes as a potential stable biomarker for gastric cancer. Tumor Biology, 2015, 36, 2007-2012.	1.8	346
5	Using circular RNA hsa_circ_0000190 as a new biomarker in the diagnosis of gastric cancer. Clinica Chimica Acta, 2017, 466, 167-171.	1.1	326
6	Molecular mechanisms of long noncoding RNAs on gastric cancer. Oncotarget, 2016, 7, 8601-8612.	1.8	255
7	piR-823, a novel non-coding small RNA, demonstrates in vitro and in vivo tumor suppressive activity in human gastric cancer cells. Cancer Letters, 2012, 315, 12-17.	7.2	238
8	Global circular <scp>RNA</scp> expression profile of human gastric cancer and its clinical significance. Cancer Medicine, 2017, 6, 1173-1180.	2.8	218
9	Plasma circular RNA profiling of patients with gastric cancer and their droplet digital RT-PCR detection. Journal of Molecular Medicine, 2018, 96, 85-96.	3.9	212
10	Long non-coding RNA expression profile in human gastric cancer and its clinical significances. Journal of Translational Medicine, 2013, 11, 225.	4.4	205
11	Circular RNA 0000096 affects cell growth and migration in gastric cancer. British Journal of Cancer, 2017, 116, 626-633.	6.4	199
12	Detection of circulating tumor cells in peripheral blood from patients with gastric cancer using piRNAs as markers. Clinical Biochemistry, 2011, 44, 1050-1057.	1.9	192
13	Transfer RNA-derived fragments and tRNA halves: biogenesis, biological functions and their roles in diseases. Journal of Molecular Medicine, 2018, 96, 1167-1176.	3.9	171
14	Gastric juice long noncoding RNA used as a tumor marker for screening gastric cancer. Cancer, 2014, 120, 3320-3328.	4.1	166
15	Screening differential circular RNA expression profiles reveals hsa_circ_0004018 is associated with hepatocellular carcinoma. Oncotarget, 2017, 8, 58405-58416.	1.8	166
16	Increased expression of long intergenic non-coding RNA LINC00152 in gastric cancer and its clinical significance. Tumor Biology, 2014, 35, 5441-5447.	1.8	157
17	Regulatory mechanisms of long noncoding RNAs on gene expression in cancers. Cancer Genetics, 2017, 216-217, 105-110.	0.4	157
18	LncRNA-RMRP promotes carcinogenesis by acting as a miR-206 sponge and is used as a novel biomarker for gastric cancer. Oncotarget, 2016, 7, 37812-37824.	1.8	154

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19	tRNA-derived fragments and tRNA halves: The new players in cancers. Cancer Letters, 2019, 452, 31-37.	7.2	143
20	Detection of miR-106a in gastric carcinoma and its clinical significance. Clinica Chimica Acta, 2009, 400, 97-102.	1.1	142
21	MicroRNA-195 and microRNA-378 mediate tumor growth suppression by epigenetical regulation in gastric cancer. Gene, 2013, 518, 351-359.	2.2	138
22	Long noncoding RNA FER1L4 suppresses cancer cell growth by acting as a competing endogenous RNA and regulating PTEN expression. Scientific Reports, 2015, 5, 13445.	3.3	138
23	Gastric juice MicroRNAs as potential biomarkers for the screening of gastric cancer. Cancer, 2013, 119, 1618-1626.	4.1	135
24	Increased expression of miR-421 in human gastric carcinoma and its clinical association. Journal of Gastroenterology, 2010, 45, 17-23.	5.1	129
25	Roles of long noncoding RNAs in gastric cancer and their clinical applications. Journal of Cancer Research and Clinical Oncology, 2016, 142, 2231-2237.	2.5	126
26	Action mechanisms and research methods of tRNA-derived small RNAs. Signal Transduction and Targeted Therapy, 2020, 5, 109.	17.1	123
27	Potent Antiandrogen and Androgen Receptor Activities of an Angelica gigasâ€“Containing Herbal Formulation: Identification of Decursin as a Novel and Active Compound with Implications for Prevention and Treatment of Prostate Cancer. Cancer Research, 2006, 66, 453-463.	0.9	113
28	Circular <scp>RNA</scp>s in hepatocellular carcinoma: Functions and implications. Cancer Medicine, 2018, 7, 3101-3109.	2.8	110
29	Hsa_circ_0005986 inhibits carcinogenesis by acting as a miR-129-5p sponge and is used as a novel biomarker for hepatocellular carcinoma. Oncotarget, 2017, 8, 43878-43888.	1.8	108
30	Anticancer effect of Lycium barbarum polysaccharides on colon cancer cells involves G0/G1 phase arrest. Medical Oncology, 2011, 28, 121-126.	2.5	104
31	Up-regulation of SUMO1 pseudogene 3 (SUMO1P3) in gastric cancer and its clinical association. Medical Oncology, 2013, 30, 709.	2.5	103
32	Circular RNAs: Biogenesis, properties, roles, and their relationships with liver diseases. Hepatology Research, 2017, 47, 497-504.	3.4	100
33	Down-regulation of miR-31 expression in gastric cancer tissues and its clinical significance. Medical Oncology, 2010, 27, 685-689.	2.5	94
34	Clinical significance of the low expression of FER1L4 in gastric cancer patients. Tumor Biology, 2014, 35, 9613-9617.	1.8	91
35	Growth inhibitory effects of three miR-129 family members on gastric cancer. Gene, 2013, 532, 87-93.	2.2	88
36	lncRNA-AC130710 targeting by miR-129-5p is upregulated in gastric cancer and associates with poor prognosis. Tumor Biology, 2014, 35, 9701-9706.	1.8	83

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37	Decreased expression of long noncoding RNA AC096655.1-002 in gastric cancer and its clinical significance. Tumor Biology, 2013, 34, 2697-2701.	1.8	81
38	MicroRNA-34a affects the occurrence of laryngeal squamous cell carcinoma by targeting the antiapoptotic gene survivin. Medical Oncology, 2012, 29, 2473-2480.	2.5	80
39	Decreased expression of hsa_circ_0001895 in human gastric cancer and its clinical significances. Tumor Biology, 2017, 39, 101042831769912.	1.8	78
40	Decursin and decursinol angelate inhibit estrogen-stimulated and estrogen-independent growth and survival of breast cancer cells. Breast Cancer Research, 2007, 9, R77.	5.0	77
41	Long Non-Coding RNA Profiling in Laryngeal Squamous Cell Carcinoma and Its Clinical Significance: Potential Biomarkers for LSCC. PLoS ONE, 2014, 9, e108237.	2.5	74
42	Gastric juice miR-129 as a potential biomarker for screening gastric cancer. Medical Oncology, 2013, 30, 365.	2.5	73
43	Growth inhibition and cell-cycle arrest of human gastric cancer cells by Lycium barbarum polysaccharide. Medical Oncology, 2010, 27, 785-790.	2.5	72
44	Downregulated expression of hsa_circ_0074362 in gastric cancer and its potential diagnostic values. Biomarkers in Medicine, 2018, 12, 11-20.	1.4	71
45	Hsa_circ_0065149 is an Indicator for Early Gastric Cancer Screening and Prognosis Prediction. Pathology and Oncology Research, 2020, 26, 1475-1482.	1.9	70
46	MicroRNA-21 is a new marker of circulating tumor cells in gastric cancer patients. Cancer Biomarkers, 2012, 10, 71-77.	1.7	65
47	Using gastric juice lncRNA-ABHD11-AS1 as a novel type of biomarker in the screening of gastric cancer. Tumor Biology, 2016, 37, 1183-1188.	1.8	61
48	Using tRNA halves as novel biomarkers for the diagnosis of gastric cancer. Cancer Biomarkers, 2019, 25, 169-176.	1.7	61
49	Gastric juice microRNA-421 is a new biomarker for screening gastric cancer. Tumor Biology, 2012, 33, 2349-2355.	1.8	59
50	Novel potential tumor biomarkers: Circular RNAs and exosomal circular RNAs in gastrointestinal malignancies. Journal of Clinical Laboratory Analysis, 2020, 34, e23359.	2.1	58
51	A novel class of pyranocoumarin antiâ€“androgen receptor signaling compounds. Molecular Cancer Therapeutics, 2007, 6, 907-917.	4.1	57
52	MiR-421 is a functional marker of circulating tumor cells in gastric cancer patients. Biomarkers, 2012, 17, 104-110.	1.9	57
53	Low expression of lncRNA-HMlincRNA717 in human gastric cancer and its clinical significances. Tumor Biology, 2014, 35, 9591-9595.	1.8	57
54	Sargassum fusiforme polysaccharides inhibit VEGF-A-related angiogenesis and proliferation of lung cancer in vitro and in vivo. Biomedicine and Pharmacotherapy, 2017, 85, 22-27.	5.6	52

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55	Functions of circular RNAs and their potential applications in gastric cancer. Expert Review of Gastroenterology and Hepatology, 2020, 14, 85-92.	3.0	52
56	Increased expression of long noncoding RNA ABHD11-AS1 in gastric cancer and its clinical significance. Medical Oncology, 2014, 31, 42.	2.5	49
57	The functional sites of miRNAs and lncRNAs in gastric carcinogenesis. Tumor Biology, 2015, 36, 521-532.	1.8	49
58	Aloe-emodin induces in vitro G2/M arrest and alkaline phosphatase activation in human oral cancer KB cells. Oral Oncology, 2007, 43, 905-910.	1.5	45
59	Suppression of C-myc Expression Associates with Anti-Proliferation of Aloe-Emodin on Gastric Cancer Cells. Cancer Investigation, 2008, 26, 369-374.	1.3	44
60	Low expression of hsa_circ_0006633 in human gastric cancer and its clinical significances. Tumor Biology, 2017, 39, 101042831770417.	1.8	42
61	Lin-28 reactivation is required for let-7 repression and proliferation in human small cell lung cancer cells. Molecular and Cellular Biochemistry, 2011, 355, 257-263.	3.1	37
62	The tRNA-derived fragment 5026a inhibits the proliferation of gastric cancer cells by regulating the PTEN/PI3K/AKT signaling pathway. Stem Cell Research and Therapy, 2021, 12, 418.	5.5	37
63	Enhancement of mammary carcinogenesis in two rodent models by silymarin dietary supplements. Carcinogenesis, 2006, 27, 1739-1747.	2.8	36
64	Oriental herbs as a source of novel anti-androgen and prostate cancer chemopreventive agents. Acta Pharmacologica Sinica, 2007, 28, 1365-1372.	6.1	36
65	Combined use of positive and negative immunomagnetic isolation followed by real-time RT-PCR for detection of the circulating tumor cells in patients with colorectal cancers. Journal of Molecular Medicine, 2004, 82, 768-774.	3.9	35
66	Clinical significance of hsa_circ_0000419 in gastric cancer screening and prognosis estimation. Pathology Research and Practice, 2020, 216, 152763.	2.3	35
67	Neuropeptide Y Y₁ Receptors Meditate Targeted Delivery of Anticancer Drug with Encapsulated Nanoparticles to Breast Cancer Cells with High Selectivity and Its Potential for Breast Cancer Therapy. ACS Applied Materials & Interfaces, 2015, 7, 5574-5582.	8.0	34
68	Global profile of tRNA-derived small RNAs in gastric cancer patient plasma and identification of tRF-33-P4R8YP9LON4VDP as a new tumor suppressor. International Journal of Medical Sciences, 2021, 18, 1570-1579.	2.5	34
69	miR-21, miR-106b and miR-375 as Novel Potential Biomarkers for Laryngeal Squamous Cell Carcinoma. Current Pharmaceutical Biotechnology, 2014, 15, 503-508.	1.6	34
70	Extracellular vesicles-associated tRNA-derived fragments (tRFs): biogenesis, biological functions, and their role as potential biomarkers in human diseases. Journal of Molecular Medicine, 2022, 100, 679-695.	3.9	33
71	Novel long non-coding RNA GACAT3 promotes gastric cancer cell proliferation through the IL-6/STAT3 signaling pathway. Tumor Biology, 2016, 37, 14895-14902.	1.8	32
72	Global expression profiling of metabolic pathwayâ€related lncRNAs in human gastric cancer and the identification of RP11â€555H23.1 as a new diagnostic biomarker. Journal of Clinical Laboratory Analysis, 2019, 33, e22692.	2.1	32

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73	Plasma lncRNA-GACAT2 is a valuable marker for the screening of gastric cancer. Oncology Letters, 2016, 12, 4845-4849.	1.8	32
74	Carbonic anhydrase IV inhibits cell proliferation in gastric cancer by regulating the cell cycle. Oncology Letters, 2020, 20, 4.	1.8	31
75	Growth inhibitory effects of gastric cancer cells with an increase in S phase and alkaline phosphatase activity repression by aloe-emodin. Cancer Biology and Therapy, 2007, 6, 85-88.	3.4	30
76	Long noncoding RNA AC096655.1-002 has been officially named as gastric cancer-associated transcript 1, GACAT1. Tumor Biology, 2013, 34, 3271-3271.	1.8	29
77	Long noncoding RNA HMlincRNA717 and AC130710 have been officially named as gastric cancer associated transcript 2 (GACAT2) and GACAT3, respectively. Tumor Biology, 2014, 35, 8351-8352.	1.8	29
78	Preliminary screening and functional analysis of circular RNAs associated with hepatic stellate cell activation. Gene, 2018, 677, 317-323.	2.2	28
79	Differential expression of circular RNAs in hepatic tissue in a model of liver fibrosis and functional analysis of their target genes. Hepatology Research, 2019, 49, 324-334.	3.4	28
80	Clinical diagnostic values of transfer RNA-derived fragment tRF-19-3L7L73JD and its effects on the growth of gastric cancer cells. Journal of Cancer, 2021, 12, 3230-3238.	2.5	28
81	Reduced expression of circRNA hsa_circ_0067582 in human gastric cancer and its potential diagnostic values. Journal of Clinical Laboratory Analysis, 2020, 34, e23080.	2.1	27
82	Detecting Carcinoma Cells in Peripheral Blood of Patients With Hepatocellular Carcinoma by Immunomagnetic Beads and RT-PCR. Journal of Clinical Gastroenterology, 2007, 41, 783-788.	2.2	26
83	miR-129-1-3p inhibits cell migration by targeting BDKRB2 in gastric cancer. Medical Oncology, 2014, 31, 98.	2.5	26
84	Long non-coding RNA AC026166.2-001 inhibits cell proliferation and migration in laryngeal squamous cell carcinoma by regulating the miR-24-3p/p27 axis. Scientific Reports, 2018, 8, 3375.	3.3	24
85	Detection of cytokeratin 20 mRNA in the peripheral blood of patients with colorectal cancer by immunomagnetic bead enrichment and real-time reverse transcriptase-polymeras chain reaction. Journal of Gastroenterology and Hepatology (Australia), 2005, 20, 1279-1284.	2.8	23
86	Clinical significances of hsa_circ_0067582 and hsa_circ_0005758 in gastric cancer tissues. Journal of Clinical Laboratory Analysis, 2019, 33, e22984.	2.1	22
87	RNA interference targeting E637K mutation rescues hERG channel currents and restores its kinetic properties. Heart Rhythm, 2013, 10, 128-136.	0.7	21
88	Reduced expression of the long non-coding RNA AI364715 in gastric cancer and its clinical significance. Tumor Biology, 2015, 36, 8041-8045.	1.8	21
89	CRISPR-Cpf1-mediated genome editing and gene regulation in human cells. Biotechnology Advances, 2019, 37, 21-27.	11.7	21
90	Hsa_circ_0028502 and hsa_circ_0076251 are potential novel biomarkers for hepatocellular carcinoma. Cancer Medicine, 2019, 8, 7278-7287.	2.8	20

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91	Identification and functional annotation of metabolismâ€associated lnc<scp>RNA</scp>s and their related proteinâ€coding genes in gastric cancer. Molecular Genetics & Genomic Medicine, 2018, 6, 728-738.	1.2	19
92	Biological roles and potential clinical values of circular RNAs in gastrointestinal malignancies. Cancer Biology and Medicine, 2021, 18, 437-457.	3.0	18
93	tRNA-derived small RNAs: Mechanisms and potential roles in cancers. Genes and Diseases, 2022, 9, 1431-1442.	3.4	18
94	Identification of hsa_circ_0005654 as a new early biomarker of gastric cancer. Cancer Biomarkers, 2019, 26, 403-410.	1.7	17
95	Glutamic acid decarboxylase epitope protects against autoimmune diabetes through activation of Th2 immune response and induction of possible regulatory mechanism. Vaccine, 2010, 28, 4052-4058.	3.8	14
96	Antitumor effects of all-trans-retinoic acid on cultured human pancreatic cancer cells. Journal of Gastroenterology and Hepatology (Australia), 2006, 21, 443-448.	2.8	13
97	Impact of catechol-o-methyltransferase polymorphisms on risperidone treatment for schizophrenia and its potential clinical significance. Clinical Biochemistry, 2012, 45, 787-792.	1.9	13
98	Cloning, expression, purification and characterization of the cholera toxin B subunit and triple glutamic acid decarboxylase epitopes fusion protein in Escherichia coli. Protein Expression and Purification, 2009, 66, 191-197.	1.3	12
99	Growth inhibitory effects of DJ-1-small interfering RNA on laryngeal carcinoma Hep-2 cells. Medical Oncology, 2011, 28, 601-607.	2.5	12
100	miRâ€129â€1â€3p Promote BGCâ€823 Cell Proliferation by Targeting PDCD2. Anatomical Record, 2014, 297, 2273-2279.	1.4	12
101	Long intergenic non-protein coding RNA 1006 used as a potential novel biomarker of gastric cancer. Cancer Biomarkers, 2017, 21, 73-80.	1.7	12
102	Role of DiGeorge syndrome critical region gene 9, a long noncoding RNA, in gastric cancer. OncoTargets and Therapy, 2018, Volume 11, 2259-2267.	2.0	12
103	Hsa_circ_0001020 Serves as a Potential Biomarker for Gastric Cancer Screening and Prognosis. Digestive Diseases and Sciences, 2021, , 1.	2.3	11
104	Clinical significance of the long noncoding RNA RP11-19P22.6-001 in gastric cancer. Cancer Biomarkers, 2017, 18, 397-403.	1.7	10
105	Increase in cytosolic calcium maintains plasma membrane integrity through the formation of microtubule ring structure in apoptotic cervical cancer cells induced by trichosanthin. Cell Biology International, 2009, 33, 1149-1154.	3.0	9
106	The clinical value of ncRNAs in gastric cancer: a systematic review and meta-analyses. Tumor Biology, 2015, 36, 4017-4025.	1.8	9
107	Downregulated Expression of hsa_circ_0005556 in Gastric Cancer and Its Clinical Significance. Disease Markers, 2019, 2019, 1-7.	1.3	9
108	Network analysis of KLF5 targets showing the potential oncogenic role of SNHG12 in colorectal cancer. Cancer Cell International, 2020, 20, 439.	4.1	8

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109	Biological and clinical implications of hsa_circ_0086720 in gastric cancer and its clinical application. Journal of Clinical Laboratory Analysis, 2022, 36, e24369.	2.1	7
110	Hsa_circ_0003195 as a biomarker for diagnosis and prognosis of gastric cancer. International Journal of Clinical Oncology, 2022, 27, 354-361.	2.2	6
111	Significance of estrogen receptor subtypes in breast tumorigenesis and progression. Tumor Biology, 2014, 35, 9111-9117.	1.8	4
112	A Statistical Analysis of College Biochemistry Textbooks in China: the Statuses on the Publishing and Usage. Eurasia Journal of Mathematics, Science and Technology Education, 2015, 11, .	1.3	4
113	The tumor suppressor function of hsa_circ_0006282 in gastric cancer through PTEN/AKT pathway. International Journal of Clinical Oncology, 2022, 27, 1562-1569.	2.2	3
114	Lycium Barbarum and Tumors in the Gastrointestinal Tract. , 2015, , 85-97.		2
115	Integration of Biochemistry and Molecular Biology as a System Curriculum in Chinese Medical Undergraduates. Research Journal of Medical Sciences, 2011, 5, 237-242.	0.2	1
116	Neuropeptide Y Y1 receptors mediate targeted delivery nanoparticles for breast cancer therapy. Neuropeptides, 2016, 55, 7-8.	2.2	0
117	Characteristics and Predictors of Long-Time Survivors in Non-Metastatic Gastric Signet Ring Cell Carcinoma: A Large Population-Based Study. International Journal of General Medicine, 2022, Volume 15, 3133-3142.	1.8	0