Yin-Yuan Mo

List of Publications by Year
in descending order

95 papers	11,290 citations	34016 52 h-index	35952 97 g-index
97 all docs	97 docs citations	97 times ranked	16247 citing authors

#	Article	IF	Citations
1	MicroRNA-21 targets tumor suppressor genes in invasion and metastasis. Cell Research, 2008, 18, 350-359.	5.7	989
2	MicroRNA-21 Targets the Tumor Suppressor Gene Tropomyosin 1 (TPM1). Journal of Biological Chemistry, 2007, 282, 14328-14336.	1.6	944
3	p53 represses c-Myc through induction of the tumor suppressor miR-145. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3207-3212.	3.3	780
4	LncRNA loc285194 is a p53-regulated tumor suppressor. Nucleic Acids Research, 2013, 41, 4976-4987.	6.5	366
5	MicroRNA-145 Suppresses Cell Invasion and Metastasis by Directly Targeting Mucin 1. Cancer Research, 2010, 70, 378-387.	0.4	349
6	Fatty Acid Synthase Gene Is Up-regulated by Hypoxia via Activation of Akt and Sterol Regulatory Element Binding Protein-1. Cancer Research, 2008, 68, 1003-1011.	0.4	337
7	Exosome-mediated transfer of miR-10b promotes cell invasion in breast cancer. Molecular Cancer, 2014, 13, 256.	7.9	330
8	Suppression of cell growth and invasion by miR-205 in breast cancer. Cell Research, 2009, 19, 439-448.	5.7	328
9	Activation of Mitogen-activated Protein Kinase Pathways Induces Antioxidant Response Element-mediated Gene Expression via a Nrf2-dependent Mechanism. Journal of Biological Chemistry, 2000, 275, 39907-39913.	1.6	310
10	LncRNA HOTAIR Enhances the Androgen-Receptor-Mediated Transcriptional Program and Drives Castration-Resistant Prostate Cancer. Cell Reports, 2015, 13, 209-221.	2.9	291
11	The human long non-coding RNA-RoR is a p53 repressor in response to DNA damage. Cell Research, 2013, 23, 340-350.	5.7	284
12	miR-7 Suppresses Brain Metastasis of Breast Cancer Stem-Like Cells By Modulating KLF4. Cancer Research, 2013, 73, 1434-1444.	0.4	247
13	Loss of XIST in Breast Cancer Activates MSN-c-Met and Reprograms Microglia via Exosomal miRNA to Promote Brain Metastasis. Cancer Research, 2018, 78, 4316-4330.	0.4	233
14	A Pathway Involving Farnesoid X Receptor and Small Heterodimer Partner Positively Regulates Hepatic Sirtuin 1 Levels via MicroRNA-34a Inhibition. Journal of Biological Chemistry, 2010, 285, 12604-12611.	1.6	224
15	IGF2BP2 regulates DANCR by serving as an N6-methyladenosine reader. Cell Death and Differentiation, 2020, 27, 1782-1794.	5.0	223
16	Targeting non-coding RNAs with the CRISPR/Cas9 system in human cell lines. Nucleic Acids Research, 2015, 43, e17-e17.	6.5	219
17	Targeting DNA-PKcs and ATM with miR-101 Sensitizes Tumors to Radiation. PLoS ONE, 2010, 5, e11397.	1.1	201
18	Nâ€myc downstream regulated gene 1 modulates Wntâ€i²â€catenin signalling and pleiotropically suppresses metastasis. EMBO Molecular Medicine, 2012, 4, 93-108.	3.3	181

#	Article	IF	Citations
19	Up-regulation of miR-21 by HER2/neu Signaling Promotes Cell Invasion. Journal of Biological Chemistry, 2009, 284, 18515-18524.	1.6	176
20	Resveratrol suppresses growth of cancer stem-like cells by inhibiting fatty acid synthase. Breast Cancer Research and Treatment, 2011, 130, 387-398.	1.1	171
21	Emerging roles of lncRNAs in the post-transcriptional regulation in cancer. Genes and Diseases, 2019, 6, 6-15.	1.5	170
22	A role for Ubc9 in tumorigenesis. Oncogene, 2005, 24, 2677-2683.	2.6	168
23	Linc-RoR promotes MAPK/ERK signaling and confers estrogen-independent growth of breast cancer. Molecular Cancer, 2017, 16, 161.	7.9	167
24	Reactive astrocytes promote the metastatic growth of breast cancer stemâ€like cells by activating Notch signalling in brain. EMBO Molecular Medicine, 2013, 5, 384-396.	3.3	151
25	The Novel Catenin p120casBinds Classical Cadherins and Induces an Unusual Morphological Phenotype in NIH3T3 Fibroblasts. Experimental Cell Research, 1996, 225, 328-337.	1.2	140
26	Long non-coding RNAs as prognostic markers in human breast cancer. Oncotarget, 2016, 7, 20584-20596.	0.8	133
27	Role of the lncRNA-p53 regulatory network in cancer. Journal of Molecular Cell Biology, 2014, 6, 181-191.	1.5	131
28	Role of microRNAs in breast cancer. Cancer Biology and Therapy, 2013, 14, 201-212.	1.5	130
29	Rapid exchange of mammalian topoisomerase IIÎ± at kinetochores and chromosome arms in mitosis. Journal of Cell Biology, 2002, 158, 23-29.	2.3	118
30	Over-expression of miR-100 is responsible for the low-expression of ATM in the human glioma cell line: M059J. DNA Repair, 2010, 9, 1170-1175.	1.3	115
31	MicroRNA-mediated Regulation of Ubc9 Expression in Cancer Cells. Clinical Cancer Research, 2009, 15, 1550-1557.	3.2	114
32	miR-145-mediated suppression of cell growth, invasion and metastasis. American Journal of Translational Research (discontinued), 2010, 2, 170-80.	0.0	110
33	Roles of the Cyclooxygenase 2 Matrix Metalloproteinase 1 Pathway in Brain Metastasis of Breast Cancer. Journal of Biological Chemistry, 2015, 290, 9842-9854.	1.6	109
34	Linc-RoR promotes c-Myc expression through hnRNP I and AUF1. Nucleic Acids Research, 2016, 44, 3059-3069.	6.5	109
35	Nucleolar Delocalization of Human Topoisomerase I in Response to Topotecan Correlates with Sumoylation of the Protein. Journal of Biological Chemistry, 2002, 277, 2958-2964.	1.6	99
36	LncRNA AK023948 is a positive regulator of AKT. Nature Communications, 2017, 8, 14422.	5.8	92

#	Article	IF	Citations
37	Role of Pseudogenes in Tumorigenesis. Cancers, 2018, 10, 256.	1.7	92
38	Nimbolide, a Limonoid Triterpene, Inhibits Growth of Human Colorectal Cancer Xenografts by Suppressing the Proinflammatory Microenvironment. Clinical Cancer Research, 2013, 19, 4465-4476.	3.2	88
39	SyrD is required for syringomycin production by Pseudomonas syringae pathovar syringae and is related to a family of ATP-binding secretion proteins. Molecular Microbiology, 1993, 9, 787-801.	1.2	82
40	MicroRNA regulatory networks and human disease. Cellular and Molecular Life Sciences, 2012, 69, 3529-3531.	2.4	80
41	Acidosis promotes invasiveness of breast cancer cells through ROS-AKT-NF-Î²B pathway. Oncotarget, 2014, 5, 12070-12082.	0.8	76
42	Predicting DNA Methylation State of CpG Dinucleotide Using Genome Topological Features and Deep Networks. Scientific Reports, 2016, 6, 19598.	1.6	75
43	Exosomal miR-19a and IBSP cooperate to induce osteolytic bone metastasis of estrogen receptor-positive breast cancer. Nature Communications, 2021, 12, 5196.	5.8	74
44	Mesenchymal Stem/Stromal Cells under Stress Increase Osteosarcoma Migration and Apoptosis Resistance via Extracellular Vesicle Mediated Communication. PLoS ONE, 2016, 11, e0166027.	1.1	68
45	Overexpression of a Dominant-Negative Mutant Ubc9 Is Associated with Increased Sensitivity to Anticancer Drugs. Cancer Research, 2004, 64, 2793-2798.	0.4	66
46	Negative regulation of miR-145 by C/EBP-Î² through the Akt pathway in cancer cells. Nucleic Acids Research, 2012, 40, 6683-6692.	6.5	66
47	DNA Damage Signals Induction of Fas Ligand in Tumor Cells. Molecular Pharmacology, 1999, 55, 216-222.	1.0	61
48	Regulation of androgen receptor splice variant AR3 by PCGEM1. Oncotarget, 2016, 7, 15481-15491.	0.8	59
49	The Akt-associated microRNAs. Cellular and Molecular Life Sciences, 2012, 69, 3601-3612.	2.4	58
50	MALAT1-mediated tumorigenesis. Frontiers in Bioscience - Landmark, 2017, 22, 66-80.	3.0	56
51	Gut microbiota regulate tumor metastasis via circRNA/miRNA networks. Gut Microbes, 2020, 12, 1788891.	4.3	56
52	Azadirone, a Limonoid Tetranortriterpene, Induces Death Receptors and Sensitizes Human Cancer Cells to Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL) through a p53 Protein-independent Mechanism. Journal of Biological Chemistry, 2013, 288, 32343-32356.	1.6	54
53	Sumoylation of Topoisomerase I Is Involved in Its Partitioning between Nucleoli and Nucleoplasm and Its Clearing from Nucleoli in Response to Camptothecin. Journal of Biological Chemistry, 2002, 277, 40020-40026.	1.6	50
54	A Novel Nuclear Localization Signal in Human DNA Topoisomerase I. Journal of Biological Chemistry, 2000, 275, 41107-41113.	1.6	47

#	Article	IF	Citations
55	Novel Regulation of Nuclear Factor-YB by miR-485-3p Affects the Expression of DNA Topoisomerase IIÎ± and Drug Responsiveness. Molecular Pharmacology, 2011, 79, 735-741.	1.0	47
56	Changes in microRNA (miRNA) expression during pancreatic cancer development and progression in a genetically engineered KrasG12D;Pdx1-Cre mouse (KC) model. Oncotarget, 2015, 6, 40295-40309.	0.8	46
57	Role of SUMO/Ubc9 in DNA Damage Repair and Tumorigenesis. Journal of Molecular Histology, 2006, 37, 309-319.	1.0	43
58	Regulation of PCGEM1 by p54/nrb in prostate cancer. Scientific Reports, 2016, 6, 34529.	1.6	40
59	Association of Human DNA Topoisomerase IIÎ± with Mitotic Chromosomes in Mammalian Cells Is Independent of Its Catalytic Activity. Experimental Cell Research, 1999, 252, 50-62.	1.2	37
60	LINC00346 promotes pancreatic cancer progression through the CTCF-mediated Myc transcription. Oncogene, 2019, 38, 6770-6780.	2.6	37
61	Acidosis promotes tumorigenesis by activating AKT/NF-ÎºB signaling. Cancer and Metastasis Reviews, 2019, 38, 179-188.	2.7	35
62	Tumor cell resistance to DNA topoisomerase II inhibitors: new developments. Drug Resistance Updates, 1999, 2, 382-389.	6.5	34
63	Stromal cell extracellular vesicular cargo mediated regulation of breast cancer cell metastasis via ubiquitin conjugating enzyme E2 N pathway. Oncotarget, 2017, 8, 109861-109876.	0.8	32
64	lncRNA Gene Signatures for Prediction of Breast Cancer Intrinsic Subtypes and Prognosis. Genes, 2018, 9, 65.	1.0	31
65	Functional Expression of Human DNA Topoisomerase I and Its Subcellular Localization in HeLa Cells. Experimental Cell Research, 2000, 256, 480-490.	1.2	30
66	Cacalol, a natural sesquiterpene, induces apoptosis in breast cancer cells by modulating Akt-SREBP-FAS signaling pathway. Breast Cancer Research and Treatment, 2011, 128, 57-68.	1.1	30
67	Gam1-associated alterations of drug responsiveness through activation of apoptosis. Molecular Cancer Therapeutics, 2007, 6, 1823-1830.	1.9	27
68	Overexpression of Human DNA Topoisomerase IIÎ± by Fusion to Enhanced Green Fluorescent Protein. BioTechniques, 1998, 25, 1052-1057.	0.8	25
69	p53 and c-myc: How does the cell balance â€œyinâ€•and â€œyangâ€?. Cell Cycle, 2009, 8, 1303-1303.	1.3	24
70	TADKB: Family classification and a knowledge base of topologically associating domains. BMC Genomics, 2019, 20, 217.	1.2	24
71	Regulation of bcl-2 expression by Ubc9. Experimental Cell Research, 2006, 312, 1865-1875.	1.2	22
72	SUMO Conjugation Contributes to Immune Deviation in Nonobese Diabetic Mice by Suppressing c-Maf Transactivation of IL-4. Journal of Immunology, 2009, 183, 1110-1119.	0.4	22

#	Article	IF	Citations
73	The oncogenic potentials and diagnostic significance of long nonâ€coding RNA LINC00310 in breast cancer. Journal of Cellular and Molecular Medicine, 2018, 22, 4486-4495.	1.6	21
74	Characterization of the succinate dehydrogenase-encoding gene cluster (sdh) from the rickettsia coxiella burnetii. Gene, 1995, 155, 27-34.	1.0	18
75	Fas-antisense long noncoding RNA is differentially expressed during maturation of human erythrocytes and confers resistance to Fas-mediated cell death. Blood Cells, Molecules, and Diseases, 2016, 58, 57-66.	0.6	18
76	A Coxiella burnetii gene encodes a sensor-like protein. Gene, 1994, 151, 185-190.	1.0	16
77	Topoisomerase II binds importin Î± isoforms and exportin/CRM1 but does not shuttle between the nucleus and cytoplasm in proliferating cells. Experimental Cell Research, 2007, 313, 627-637.	1.2	15
78	câ€Maf increases apoptosis in peripheral CD8 cells by transactivating Caspase 6. Immunology, 2009, 127, 267-278.	2.0	15
79	Improving the specificity and efficacy of CRISPR/CAS9 and gRNA through target specific DNA reporter. Journal of Biotechnology, 2014, 189, 1-8.	1.9	14
80	Notch-Associated MicroRNAs in Cancer. Current Drug Targets, 2013, 14, 1157-1166.	1.0	14
81	Epigenetic and Posttranscriptional Modulation of SOS1 Can Promote Breast Cancer Metastasis through Obesity-Activated c-Met Signaling in African-American Women. Cancer Research, 2021, 81, 3008-3021.	0.4	11
82	Transient resistance to DNA damaging agents is associated with expression of microRNAs-135b and -196b in human leukemia cell lines. International Journal of Biochemistry and Molecular Biology, 2016, 7, 27-47.	0.1	11
83	Alternative approach to generate shRNA from cDNA. BioTechniques, 2005, 38, 629-632.	0.8	9
84	Comprehensive Network Analysis Reveals Alternative Splicing-Related lncRNAs in Hepatocellular Carcinoma. Frontiers in Genetics, 2020, 11, 659.	1.1	9
85	Lnc-DC promotes estrogen independent growth and tamoxifen resistance in breast cancer. Cell Death and Disease, 2021, 12, 1000.	2.7	9
86	Generation of shRNAs from randomized oligonucleotides. Biological Procedures Online, 2007, 9, 9-17.	1.4	7
87	Stabilization of UCA1 by N6-methyladenosine RNA methylation modification promotes colorectal cancer progression. Cancer Cell International, 2021, 21, 616.	1.8	6
88	LncRNA IPW inhibits growth of ductal carcinoma in situ by downregulating ID2 through miR-29c. Breast Cancer Research, 2022, 24, 6.	2.2	6
89	Novel mechanisms of resistance to inhibitors of DNA topoisomerases. Advances in Enzyme Regulation, 1997, 37, 17-26.	2.9	4
90	DGM-CM6: A New Model to Predict Distant Recurrence Risk in Operable Endocrine-Responsive Breast Cancer. Frontiers in Oncology, 2020, 10, 783.	1.3	4

#	Article	IF	Citations
91	N6-methyladenosine modified LINC00901 promotes pancreatic cancer progression through IGF2BP2/MYC axis. Genes and Diseases, 2023, 10, 554-567.	1.5	4
92	Data in support of transcriptional regulation and function of Fas-antisense long noncoding RNA during human erythropoiesis. Data in Brief, 2016, 7, 1288-1295.	0.5	3
93	Connecting N6â€methyladenosine modification to ferroptosis resistance in hepatoblastoma. Clinical and Translational Medicine, 2022, 12, e820.	1.7	3
94	MicroRNA-21 as a Novel Therapeutic Target. Current Cancer Therapy Reviews, 2010, 6, 41-50.	0.2	2
95	A link between a synonymous SNP and the clinical response to tyrosine kinase inhibitors. Non-coding RNA Investigation, 2018, 2, 6-6.	0.6	1