

Yin-Yuan Mo

List of Publications by Year in descending order

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95
papers

11,290
citations

34105

52
h-index

36028

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. <i>Cell Research</i> , 2008, 18, 350-359.	12.0	989
2	MicroRNA-21 Targets the Tumor Suppressor Gene Tropomyosin 1 (TPM1). <i>Journal of Biological Chemistry</i> , 2007, 282, 14328-14336.	3.4	944
3	p53 represses c-Myc through induction of the tumor suppressor miR-145. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3207-3212.	7.1	780
4	LncRNA loc285194 is a p53-regulated tumor suppressor. <i>Nucleic Acids Research</i> , 2013, 41, 4976-4987.	14.5	366
5	MicroRNA-145 Suppresses Cell Invasion and Metastasis by Directly Targeting Mucin 1. <i>Cancer Research</i> , 2010, 70, 378-387.	0.9	349
6	Fatty Acid Synthase Gene Is Up-regulated by Hypoxia via Activation of Akt and Sterol Regulatory Element Binding Protein-1. <i>Cancer Research</i> , 2008, 68, 1003-1011.	0.9	337
7	Exosome-mediated transfer of miR-10b promotes cell invasion in breast cancer. <i>Molecular Cancer</i> , 2014, 13, 256.	19.2	330
8	Suppression of cell growth and invasion by miR-205 in breast cancer. <i>Cell Research</i> , 2009, 19, 439-448.	12.0	328
9	Activation of Mitogen-activated Protein Kinase Pathways Induces Antioxidant Response Element-mediated Gene Expression via a Nrf2-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2000, 275, 39907-39913.	3.4	310
10	LncRNA HOTAIR Enhances the Androgen-Receptor-Mediated Transcriptional Program and Drives Castration-Resistant Prostate Cancer. <i>Cell Reports</i> , 2015, 13, 209-221.	6.4	291
11	The human long non-coding RNA-RoR is a p53 repressor in response to DNA damage. <i>Cell Research</i> , 2013, 23, 340-350.	12.0	284
12	miR-7 Suppresses Brain Metastasis of Breast Cancer Stem-Like Cells By Modulating KLF4. <i>Cancer Research</i> , 2013, 73, 1434-1444.	0.9	247
13	Loss of XIST in Breast Cancer Activates MSN-c-Met and Reprograms Microglia via Exosomal miRNA to Promote Brain Metastasis. <i>Cancer Research</i> , 2018, 78, 4316-4330.	0.9	233
14	A Pathway Involving Farnesoid X Receptor and Small Heterodimer Partner Positively Regulates Hepatic Sirtuin 1 Levels via MicroRNA-34a Inhibition. <i>Journal of Biological Chemistry</i> , 2010, 285, 12604-12611.	3.4	224
15	IGF2BP2 regulates DANCR by serving as an N6-methyladenosine reader. <i>Cell Death and Differentiation</i> , 2020, 27, 1782-1794.	11.2	223
16	Targeting non-coding RNAs with the CRISPR/Cas9 system in human cell lines. <i>Nucleic Acids Research</i> , 2015, 43, e17-e17.	14.5	219
17	Targeting DNA-PKcs and ATM with miR-101 Sensitizes Tumors to Radiation. <i>PLoS ONE</i> , 2010, 5, e11397.	2.5	201
18	c-Myc downstream regulated gene 1 modulates Wnt/β-catenin signalling and pleiotropically suppresses metastasis. <i>EMBO Molecular Medicine</i> , 2012, 4, 93-108.	6.9	181

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19	Up-regulation of miR-21 by HER2/neu Signaling Promotes Cell Invasion. <i>Journal of Biological Chemistry</i> , 2009, 284, 18515-18524.	3.4	176
20	Resveratrol suppresses growth of cancer stem-like cells by inhibiting fatty acid synthase. <i>Breast Cancer Research and Treatment</i> , 2011, 130, 387-398.	2.5	171
21	Emerging roles of lncRNAs in the post-transcriptional regulation in cancer. <i>Genes and Diseases</i> , 2019, 6, 6-15.	3.4	170
22	A role for Ubc9 in tumorigenesis. <i>Oncogene</i> , 2005, 24, 2677-2683.	5.9	168
23	Linc-RoR promotes MAPK/ERK signaling and confers estrogen-independent growth of breast cancer. <i>Molecular Cancer</i> , 2017, 16, 161.	19.2	167
24	Reactive astrocytes promote the metastatic growth of breast cancer stem-like cells by activating Notch signalling in brain. <i>EMBO Molecular Medicine</i> , 2013, 5, 384-396.	6.9	151
25	The Novel Catenin p120casBinds Classical Cadherins and Induces an Unusual Morphological Phenotype in NIH3T3 Fibroblasts. <i>Experimental Cell Research</i> , 1996, 225, 328-337.	2.6	140
26	Long non-coding RNAs as prognostic markers in human breast cancer. <i>Oncotarget</i> , 2016, 7, 20584-20596.	1.8	133
27	Role of the lncRNA-p53 regulatory network in cancer. <i>Journal of Molecular Cell Biology</i> , 2014, 6, 181-191.	3.3	131
28	Role of microRNAs in breast cancer. <i>Cancer Biology and Therapy</i> , 2013, 14, 201-212.	3.4	130
29	Rapid exchange of mammalian topoisomerase II β at kinetochores and chromosome arms in mitosis. <i>Journal of Cell Biology</i> , 2002, 158, 23-29.	5.2	118
30	Over-expression of miR-100 is responsible for the low-expression of ATM in the human glioma cell line: M059J. <i>DNA Repair</i> , 2010, 9, 1170-1175.	2.8	115
31	MicroRNA-mediated Regulation of Ubc9 Expression in Cancer Cells. <i>Clinical Cancer Research</i> , 2009, 15, 1550-1557.	7.0	114
32	miR-145-mediated suppression of cell growth, invasion and metastasis. <i>American Journal of Translational Research (discontinued)</i> , 2010, 2, 170-80.	0.0	110
33	Roles of the Cyclooxygenase 2 Matrix Metalloproteinase 1 Pathway in Brain Metastasis of Breast Cancer. <i>Journal of Biological Chemistry</i> , 2015, 290, 9842-9854.	3.4	109
34	Linc-RoR promotes c-Myc expression through hnRNP I and AUF1. <i>Nucleic Acids Research</i> , 2016, 44, 3059-3069.	14.5	109
35	Nucleolar Delocalization of Human Topoisomerase I in Response to Topotecan Correlates with Sumoylation of the Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 2958-2964.	3.4	99
36	LncRNA AK023948 is a positive regulator of AKT. <i>Nature Communications</i> , 2017, 8, 14422.	12.8	92

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37	Role of Pseudogenes in Tumorigenesis. <i>Cancers</i> , 2018, 10, 256.	3.7	92
38	Nimbolide, a Limonoid Triterpene, Inhibits Growth of Human Colorectal Cancer Xenografts by Suppressing the Proinflammatory Microenvironment. <i>Clinical Cancer Research</i> , 2013, 19, 4465-4476.	7.0	88
39	SyrD is required for syringomycin production by <i>Pseudomonas syringae</i> pathovar <i>syringae</i> and is related to a family of ATP-binding secretion proteins. <i>Molecular Microbiology</i> , 1993, 9, 787-801.	2.5	82
40	MicroRNA regulatory networks and human disease. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3529-3531.	5.4	80
41	Acidosis promotes invasiveness of breast cancer cells through ROS-AKT-NF- κ B pathway. <i>Oncotarget</i> , 2014, 5, 12070-12082.	1.8	76
42	Predicting DNA Methylation State of CpG Dinucleotide Using Genome Topological Features and Deep Networks. <i>Scientific Reports</i> , 2016, 6, 19598.	3.3	75
43	Exosomal miR-19a and IBSP cooperate to induce osteolytic bone metastasis of estrogen receptor-positive breast cancer. <i>Nature Communications</i> , 2021, 12, 5196.	12.8	74
44	Mesenchymal Stem/Stromal Cells under Stress Increase Osteosarcoma Migration and Apoptosis Resistance via Extracellular Vesicle Mediated Communication. <i>PLoS ONE</i> , 2016, 11, e0166027.	2.5	68
45	Overexpression of a Dominant-Negative Mutant Ubc9 Is Associated with Increased Sensitivity to Anticancer Drugs. <i>Cancer Research</i> , 2004, 64, 2793-2798.	0.9	66
46	Negative regulation of miR-145 by C/EBP- β through the Akt pathway in cancer cells. <i>Nucleic Acids Research</i> , 2012, 40, 6683-6692.	14.5	66
47	DNA Damage Signals Induction of Fas Ligand in Tumor Cells. <i>Molecular Pharmacology</i> , 1999, 55, 216-222.	2.3	61
48	Regulation of androgen receptor splice variant AR3 by PCGEM1. <i>Oncotarget</i> , 2016, 7, 15481-15491.	1.8	59
49	The Akt-associated microRNAs. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3601-3612.	5.4	58
50	MALAT1-mediated tumorigenesis. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 66-80.	3.0	56
51	Gut microbiota regulate tumor metastasis via circRNA/miRNA networks. <i>Gut Microbes</i> , 2020, 12, 1788891.	9.8	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. <i>Journal of Biological Chemistry</i> , 2013, 288, 32343-32356.	3.4	54
53	Sumoylation of Topoisomerase I Is Involved in Its Partitioning between Nucleoli and Nucleoplasm and Its Clearing from Nucleoli in Response to Camptothecin. <i>Journal of Biological Chemistry</i> , 2002, 277, 40020-40026.	3.4	50
54	A Novel Nuclear Localization Signal in Human DNA Topoisomerase I. <i>Journal of Biological Chemistry</i> , 2000, 275, 41107-41113.	3.4	47

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55	Novel Regulation of Nuclear Factor-YB by <i>miR-485-3p</i> Affects the Expression of DNA Topoisomerase III α and Drug Responsiveness. <i>Molecular Pharmacology</i> , 2011, 79, 735-741.	2.3	47
56	Changes in microRNA (miRNA) expression during pancreatic cancer development and progression in a genetically engineered KrasG12D;Pdx1-Cre mouse (KC) model. <i>Oncotarget</i> , 2015, 6, 40295-40309.	1.8	46
57	Role of SUMO/Ubc9 in DNA Damage Repair and Tumorigenesis. <i>Journal of Molecular Histology</i> , 2006, 37, 309-319.	2.2	43
58	Regulation of PCGEM1 by p54/nrb in prostate cancer. <i>Scientific Reports</i> , 2016, 6, 34529.	3.3	40
59	Association of Human DNA Topoisomerase III α with Mitotic Chromosomes in Mammalian Cells Is Independent of Its Catalytic Activity. <i>Experimental Cell Research</i> , 1999, 252, 50-62.	2.6	37
60	LINC00346 promotes pancreatic cancer progression through the CTCF-mediated Myc transcription. <i>Oncogene</i> , 2019, 38, 6770-6780.	5.9	37
61	Acidosis promotes tumorigenesis by activating AKT/NF- κ B signaling. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 179-188.	5.9	35
62	Tumor cell resistance to DNA topoisomerase II inhibitors: new developments. <i>Drug Resistance Updates</i> , 1999, 2, 382-389.	14.4	34
63	Stromal cell extracellular vesicular cargo mediated regulation of breast cancer cell metastasis via ubiquitin conjugating enzyme E2 N pathway. <i>Oncotarget</i> , 2017, 8, 109861-109876.	1.8	32
64	lncRNA Gene Signatures for Prediction of Breast Cancer Intrinsic Subtypes and Prognosis. <i>Genes</i> , 2018, 9, 65.	2.4	31
65	Functional Expression of Human DNA Topoisomerase I and Its Subcellular Localization in HeLa Cells. <i>Experimental Cell Research</i> , 2000, 256, 480-490.	2.6	30
66	Cacalol, a natural sesquiterpene, induces apoptosis in breast cancer cells by modulating Akt-SREBP-FAS signaling pathway. <i>Breast Cancer Research and Treatment</i> , 2011, 128, 57-68.	2.5	30
67	Gam1-associated alterations of drug responsiveness through activation of apoptosis. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1823-1830.	4.1	27
68	Overexpression of Human DNA Topoisomerase III α by Fusion to Enhanced Green Fluorescent Protein. <i>BioTechniques</i> , 1998, 25, 1052-1057.	1.8	25
69	p53 and c-myc: How does the cell balance α and β ? <i>Cell Cycle</i> , 2009, 8, 1303-1303.	2.6	24
70	TADKB: Family classification and a knowledge base of topologically associating domains. <i>BMC Genomics</i> , 2019, 20, 217.	2.8	24
71	Regulation of bcl-2 expression by Ubc9. <i>Experimental Cell Research</i> , 2006, 312, 1865-1875.	2.6	22
72	SUMO Conjugation Contributes to Immune Deviation in Nonobese Diabetic Mice by Suppressing c-Maf Transactivation of <i>IL-4</i> . <i>Journal of Immunology</i> , 2009, 183, 1110-1119.	0.8	22

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73	The oncogenic potentials and diagnostic significance of long non-coding RNA LINC00310 in breast cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4486-4495.	3.6	21
74	Characterization of the succinate dehydrogenase-encoding gene cluster (sdh) from the rickettsia <i>coxiella burnetii</i> . <i>Gene</i> , 1995, 155, 27-34.	2.2	18
75	Fas-antisense long noncoding RNA is differentially expressed during maturation of human erythrocytes and confers resistance to Fas-mediated cell death. <i>Blood Cells, Molecules, and Diseases</i> , 2016, 58, 57-66.	1.4	18
76	A <i>Coxiella burnetii</i> gene encodes a sensor-like protein. <i>Gene</i> , 1994, 151, 185-190.	2.2	16
77	Topoisomerase II binds importin β isoforms and exportin/CRM1 but does not shuttle between the nucleus and cytoplasm in proliferating cells. <i>Experimental Cell Research</i> , 2007, 313, 627-637.	2.6	15
78	c-Maf increases apoptosis in peripheral CD8 cells by transactivating <i>Caspase 6</i> . <i>Immunology</i> , 2009, 127, 267-278.	4.4	15
79	Improving the specificity and efficacy of CRISPR/CAS9 and gRNA through target specific DNA reporter. <i>Journal of Biotechnology</i> , 2014, 189, 1-8.	3.8	14
80	Notch-Associated MicroRNAs in Cancer. <i>Current Drug Targets</i> , 2013, 14, 1157-1166.	2.1	14
81	Epigenetic and Posttranscriptional Modulation of SOS1 Can Promote Breast Cancer Metastasis through Obesity-Activated c-Met Signaling in African-American Women. <i>Cancer Research</i> , 2021, 81, 3008-3021.	0.9	11
82	Transient resistance to DNA damaging agents is associated with expression of microRNAs-135b and -196b in human leukemia cell lines. <i>International Journal of Biochemistry and Molecular Biology</i> , 2016, 7, 27-47.	0.1	11
83	Alternative approach to generate shRNA from cDNA. <i>BioTechniques</i> , 2005, 38, 629-632.	1.8	9
84	Comprehensive Network Analysis Reveals Alternative Splicing-Related lncRNAs in Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2020, 11, 659.	2.3	9
85	lnc-DC promotes estrogen independent growth and tamoxifen resistance in breast cancer. <i>Cell Death and Disease</i> , 2021, 12, 1000.	6.3	9
86	Generation of shRNAs from randomized oligonucleotides. <i>Biological Procedures Online</i> , 2007, 9, 9-17.	2.9	7
87	Stabilization of UCA1 by N6-methyladenosine RNA methylation modification promotes colorectal cancer progression. <i>Cancer Cell International</i> , 2021, 21, 616.	4.1	6
88	lncRNA IPW inhibits growth of ductal carcinoma in situ by downregulating ID2 through miR-29c. <i>Breast Cancer Research</i> , 2022, 24, 6.	5.0	6
89	Novel mechanisms of resistance to inhibitors of DNA topoisomerases. <i>Advances in Enzyme Regulation</i> , 1997, 37, 17-26.	2.6	4
90	DGM-CM6: A New Model to Predict Distant Recurrence Risk in Operable Endocrine-Responsive Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 783.	2.8	4

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91	N6-methyladenosine modified LINC00901 promotes pancreatic cancer progression through IGF2BP2/MYC axis. <i>Genes and Diseases</i> , 2023, 10, 554-567.	3.4	4
92	Data in support of transcriptional regulation and function of Fas-antisense long noncoding RNA during human erythropoiesis. <i>Data in Brief</i> , 2016, 7, 1288-1295.	1.0	3
93	Connecting N6-methyladenosine modification to ferroptosis resistance in hepatoblastoma. <i>Clinical and Translational Medicine</i> , 2022, 12, e820.	4.0	3
94	MicroRNA-21 as a Novel Therapeutic Target. <i>Current Cancer Therapy Reviews</i> , 2010, 6, 41-50.	0.3	2
95	A link between a synonymous SNP and the clinical response to tyrosine kinase inhibitors. <i>Non-coding RNA Investigation</i> , 2018, 2, 6-6.	0.6	1