Mian Wu

List of Publications by Year
in descending order

103 papers	12,420 citations	50276 46 h-index	31849 101 g-index
105 all docs	105 docs citations	105 times ranked	25637 citing authors

#	Article	IF	Citations
1	The long noncoding RNA glycoLINC assembles a lower glycolytic metabolon to promote glycolysis. Molecular Cell, 2022, 82, 542-554.e6.	9.7	32
2	TRIM27 cooperates with STK38L to inhibit ULK1â€mediated autophagy and promote tumorigenesis. EMBO Journal, 2022, 41, .	7.8	18
3	Non-coding RNAs, guardians of the p53 galaxy. Seminars in Cancer Biology, 2021, 75, 72-83.	9.6	27
4	DDIT3 Directs a Dual Mechanism to Balance Glycolysis and Oxidative Phosphorylation during Glutamine Deprivation. Advanced Science, 2021, 8, e2003732.	11.2	15
5	LncRNA GIRGL drives CAPRIN1-mediated phase separation to suppress glutaminase-1 translation under glutamine deprivation. Science Advances, 2021, 7, .	10.3	38
6	PRMT1 Contributes to HNF1Aâ€AS1â€mediated Regulation Network of CYP3A4 in Huh7 Cells. FASEB Journal, 2021, 35, .	0.5	0
7	lncRNA TRMP-S directs dual mechanisms to regulate p27-mediated cellular senescence. Molecular Therapy - Nucleic Acids, 2021, 24, 971-985.	5.1	13
8	Non-coding RNAs, metabolic stress and adaptive mechanisms in cancer. Cancer Letters, 2020, 491, 60-69.	7.2	10
9	Lnc RNA GUARDIN suppresses cellular senescence through a LRP 130â€PGC 1Î±â€FOXO 4â€p21â€dependent signaling axis. EMBO Reports, 2020, 21, e48796.	4.5	11
10	SENEBLOC, a long non-coding RNA suppresses senescence via p53-dependent and independent mechanisms. Nucleic Acids Research, 2020, 48, 3089-3102.	14.5	39
11	CircACC1 Regulates Assembly and Activation of AMPK Complex under Metabolic Stress. Cell Metabolism, 2019, 30, 157-173.e7.	16.2	209
12	The lncRNA Neat1 promotes activation of inflammasomes in macrophages. Nature Communications, 2019, 10, 1495.	12.8	323
13	TP53LNC-DB, the database of lncRNAs in the p53 signalling network. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	7
14	Aurora-A mediated phosphorylation of LDHB promotes glycolysis and tumor progression by relieving the substrate-inhibition effect. Nature Communications, 2019, 10, 5566.	12.8	66
15	TP53, TP53 Target Genes (DRAM, TIGAR), and Autophagy. Advances in Experimental Medicine and Biology, 2019, 1206, 127-149.	1.6	32
16	Tumor-suppressive or tumor-supportive: For p53, that is the question. Molecular and Cellular Oncology, 2018, 5, e1408537.	0.7	3
17	LncRNA IDH1-AS1 links the functions of c-Myc and HIF1Î± via IDH1 to regulate the Warburg effect. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1465-E1474.	7.1	93
18	Regulation of the Mdm2â€“p53 pathway by the ubiquitin E3 ligase <scp>MARCH</scp> 7. EMBO Reports, 2018, 19, 305-319.	4.5	48

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19	GUARDIN is a p53-responsive long non-coding RNA that is essential for genomic stability. Nature Cell Biology, 2018, 20, 492-502.	10.3	239
20	Dual functions for OVAAL in initiation of RAF/MEK/ERK prosurvival signals and evasion of p27-mediated cellular senescence. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11661-E11670.	7.1	52
21	Fatty acid synthesis is critical for stem cell pluripotency via promoting mitochondrial fission. EMBO Journal, 2017, 36, 1330-1347.	7.8	110
22	The p53â€inducible long noncoding <scp>RNA TRINGS</scp> protects cancer cells from necrosis under glucoseÂstarvation. EMBO Journal, 2017, 36, 3483-3500.	7.8	66
23	PHLDA3 impedes somatic cell reprogramming by activating Akt-GSK3Î² pathway. Scientific Reports, 2017, 7, 2832.	3.3	12
24	LAST, a c-Myc-inducible long noncoding RNA, cooperates with CNBP to promote CCND1 mRNA stability in human cells. ELife, 2017, 6, .	6.0	67
25	A Novel Sex Chromosome Mosaicism 45,X/45,Y/46,XY/46,YY/47,XYY Causing Ambiguous Genitalia. Annals of Clinical and Laboratory Science, 2017, 47, 761-764.	0.2	2
26	Noncoding RNAs Regulating p53 and c-Myc Signaling. Advances in Experimental Medicine and Biology, 2016, 927, 337-365.	1.6	8
27	Lnc<scp>RNA</scp>â€<scp>MIF</scp>, a câ€Mycâ€activated long nonâ€coding <scp>RNA</scp>, suppresses glycolysis by promoting Fbxw7â€mediated câ€Myc degradation. EMBO Reports, 2016, 17, 1204-1220.	4.5	92
28	A redox mechanism underlying nucleolar stress sensing by nucleophosmin. Nature Communications, 2016, 7, 13599.	12.8	94
29	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
30	MiR-181a regulates lipid metabolism via IDH1. Scientific Reports, 2015, 5, 8801.	3.3	53
31	BECN1s, a short splice variant of BECN1, functions in mitophagy. Autophagy, 2015, 11, 2048-2056.	9.1	29
32	miRNA-181 regulates embryo implantation in mice through targeting leukemia inhibitory factor. Journal of Molecular Cell Biology, 2015, 7, 12-22.	3.3	44
33	Mitochondrial E3 ligase March5 maintains stemness of mouse ES cells via suppression of ERK signalling. Nature Communications, 2015, 6, 7112.	12.8	34
34	Pluripotency Activity of Nanog Requires Biochemical Stabilization by Variant Histone Protein H2A.Z. Stem Cells, 2015, 33, 2126-2134.	3.2	10
35	Chaperone-mediated autophagy prevents apoptosis by degrading BBC3/PUMA. Autophagy, 2015, 11, 1623-1635.	9.1	50
36	Orphan nuclear receptor TR3 acts in autophagic cell death via mitochondrial signaling pathway. Nature Chemical Biology, 2014, 10, 133-140.	8.0	193

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37	Reciprocal Regulation of HIF-1Î± and LincRNA-p21 Modulates the Warburg Effect. Molecular Cell, 2014, 53, 88-100.	9.7	453
38	Regulation of the pentose phosphate pathway in cancer. Protein and Cell, 2014, 5, 592-602.	11.0	363
39	FITCâ€“quencher based caspase 3-activatable nanoprobes for effectively sensing caspase 3 in vitro and in cells. Nanoscale, 2013, 5, 8963.	5.6	26
40	Endoplasmic reticulum stress inhibits cell cycle progression via induction of p27 in melanoma cells. Cellular Signalling, 2013, 25, 144-149.	3.6	55
41	Retinoic acid-induced HOXA5 expression is co-regulated by HuR and miR-130a. Cellular Signalling, 2013, 25, 1476-1485.	3.6	32
42	Regulation of <scp>L</scp>-Threonine Dehydrogenase in Somatic Cell Reprogramming. Stem Cells, 2013, 31, 953-965.	3.2	64
43	XIAP inhibits autophagy via XIAP-Mdm2-p53 signalling. EMBO Journal, 2013, 32, 2204-2216.	7.8	120
44	TAp73 enhances the pentose phosphate pathway and supports cell proliferation. Nature Cell Biology, 2013, 15, 991-1000.	10.3	198
45	Siva1 inhibits p53 function by acting as an ARF E3 ubiquitin ligase. Nature Communications, 2013, 4, 1551.	12.8	47
46	Crystal structure and functional characterization of the human RBM25 PWI domain and its flanking basic region. Biochemical Journal, 2013, 450, 85-94.	3.7	8
47	A new role of p53 in regulating lipid metabolism. Journal of Molecular Cell Biology, 2013, 5, 147-150.	3.3	55
48	DEVD-Based Hydrogelator Minimizes Cellular Apoptosis Induction. Scientific Reports, 2013, 3, 1848.	3.3	18
49	PI(4,5)P2 5-phosphatase A regulates PI3K/Akt signalling and has a tumour suppressive role in human melanoma. Nature Communications, 2013, 4, 1508.	12.8	67
50	c-Myc modulates microRNA processing via the transcriptional regulation of Drosha. Scientific Reports, 2013, 3, 1942.	3.3	57
51	Combinatorial readout of unmodified H3R2 and acetylated H3K14 by the tandem PHD finger of MOZ reveals a regulatory mechanism for HOXA9 transcription. Genes and Development, 2012, 26, 1376-1391.	5.9	99
52	p53-Facilitated miR-199a-3p Regulates Somatic Cell Reprogramming. Stem Cells, 2012, 30, 1405-1413.	3.2	65
53	Multifaceted functions of Siva-1: more than an Indian God of Destruction. Protein and Cell, 2012, 3, 117-122.	11.0	14
54	RUVBL2 is a novel repressor of ARF transcription. FEBS Letters, 2012, 586, 435-441.	2.8	11

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55	p53 regulates biosynthesis through direct inactivation of glucose-6-phosphate dehydrogenase. Nature Cell Biology, 2011, 13, 310-316.	10.3	620
56	E2F1 inhibits MDM2 expression in a p53-dependent manner. Cellular Signalling, 2011, 23, 193-200.	3.6	17
57	Recognition of Unmodified Histone H3 by the First PHD Finger of Bromodomain-PHD Finger Protein 2 Provides Insights into the Regulation of Histone Acetyltransferases Monocytic Leukemic Zinc-finger Protein (MOZ) and MOZ-related factor (MORF). Journal of Biological Chemistry, 2011, 286, 36944-36955.	3.4	56
58	Siva1 suppresses epithelialâ€“mesenchymal transition and metastasis of tumor cells by inhibiting stathmin and stabilizing microtubules. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12851-12856.	7.1	86
59	MicroRNA-149*, a p53-responsive microRNA, functions as an oncogenic regulator in human melanoma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15840-15845.	7.1	168
60	p53 Dependent Centrosome Clustering Prevents Multipolar Mitosis in Tetraploid Cells. PLoS ONE, 2011, 6, e27304.	2.5	27
61	Nucleophosmin/B23 Inhibits Eg5-mediated Microtubule Depolymerization by Inactivating Its ATPase Activity. Journal of Biological Chemistry, 2010, 285, 19060-19067.	3.4	17
62	E2F1 represses Î²â€catenin/TCF activity by direct upâ€regulation of Siah1. Journal of Cellular and Molecular Medicine, 2009, 13, 1719-1727.	3.6	20
63	Biocompatible, Luminescent Silver@Phenol Formaldehyde Resin Core/Shell Nanospheres: Largeâ€Scale Synthesis and Application for In Vivo Bioimaging. Advanced Functional Materials, 2008, 18, 872-879.	14.9	156
64	Sumoylation is critical for DJâ€1 to repress p53 transcriptional activity. FEBS Letters, 2008, 582, 1151-1156.	2.8	47
65	Multiple roles for nuclear localization signal (NLS, aa 442â€“472) of receptor interacting protein 3 (RIP3). Biochemical and Biophysical Research Communications, 2008, 372, 850-855.	2.1	10
66	DJ-1 Decreases Bax Expression through Repressing p53 Transcriptional Activity. Journal of Biological Chemistry, 2008, 283, 4022-4030.	3.4	207
67	Tumor Suppressor ARF Promotes Non-classic Proteasome-independent Polyubiquitination of COMMD1. Journal of Biological Chemistry, 2008, 283, 11453-11460.	3.4	18
68	Domain-swapped Dimerization of the Second PDZ Domain of ZO2 May Provide a Structural Basis for the Polymerization of Claudins. Journal of Biological Chemistry, 2007, 282, 35988-35999.	3.4	30
69	Noxa/Mcl-1 Balance Regulates Susceptibility of Cells to Camptothecin-Induced Apoptosis. Neoplasia, 2007, 9, 871-881.	5.3	47
70	Death effector domain DEDa, a self-cleaved product of caspase-8/Mch5, translocates to the nucleus by binding to ERK1/2 and upregulates procaspase-8 expression via a p53-dependent mechanism. EMBO Journal, 2007, 26, 1068-1080.	7.8	26
71	Phosphorylation of Pirh2 by Calmodulin-dependent kinase II impairs its ability to ubiquitinate p53. EMBO Journal, 2007, 26, 3062-3074.	7.8	43
72	p53 and Bad: remote strangers become close friends. Cell Research, 2007, 17, 283-285.	12.0	35

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73	p45, an ATPase subunit of the 19S proteasome, targets the polyglutamine disease protein ataxin-3 to the proteasome. Journal of Neurochemistry, 2007, 101, 1651-1661.	3.9	17
74	Cleavage of RIP3 inactivates its caspase-independent apoptosis pathway by removal of kinase domain. Cellular Signalling, 2007, 19, 2056-2067.	3.6	388
75	Truncated RIP3 (tRIP3) acts upstream of FADD to induce apoptosis in the human hepatocellular carcinoma cell line QGY-7703. Biochemical and Biophysical Research Communications, 2006, 347, 558-565.	2.1	10
76	Novel link between E2F1 and Smac/DIABLO: proapoptotic Smac/DIABLO is transcriptionally upregulated by E2F1. Nucleic Acids Research, 2006, 34, 2046-2055.	14.5	41
77	Acetylation of p53 at Lysine 373/382 by the Histone Deacetylase Inhibitor Depsipeptide Induces Expression of p21 Waf1/Cip1. Molecular and Cellular Biology, 2006, 26, 2782-2790.	2.3	265
78	The Bad Guy Cooperates with Good Cop p53: Bad Is Transcriptionally Up-Regulated by p53 and Forms a Bad/p53 Complex at the Mitochondria To Induce Apoptosis. Molecular and Cellular Biology, 2006, 26, 9071-9082.	2.3	134
79	Identification of a novel nucleolar localization signal and a degradation signal in Survivin-deltaEx3: a potential link between nucleolus and protein degradation. Oncogene, 2005, 24, 2723-2734.	5.9	51
80	Puma*Mcl-1 interaction is not sufficient to prevent rapid degradation of Mcl-1. Oncogene, 2005, 24, 7224-7237.	5.9	57
81	COQ9, a New Gene Required for the Biosynthesis of Coenzyme Q in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2005, 280, 31397-31404.	3.4	84
82	RIP3 Î² and RIP3 Î³, two novel splice variants of receptor-interacting protein 3 (RIP3), downregulate RIP3-induced apoptosis. Biochemical and Biophysical Research Communications, 2005, 332, 181-187.	2.1	26
83	A Single Amino Acid Change (Asp 53â†' Ala53) Converts Survivin from Anti-apoptotic to Pro-apoptotic. Molecular Biology of the Cell, 2004, 15, 1287-1296.	2.1	43
84	p53-Dependent Apoptotic Mechanism of a New Designer Bimetallic Compound Tri-phenyl Tin Benzimidazolethiol Copper Chloride (TPT-CuCl2): In Vivo Studies in Wistar Rats as Well as in Vitro Studies in Human Cervical Cancer Cells. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 22-33.	2.5	40
85	Characterization of Acid-sensing Ion Channels in Dorsal Horn Neurons of Rat Spinal Cord. Journal of Biological Chemistry, 2004, 279, 43716-43724.	3.4	169
86	Nucleocytoplasmic Shuttling of Receptor-interacting Protein 3 (RIP3). Journal of Biological Chemistry, 2004, 279, 38820-38829.	3.4	47
87	Etoposide upregulates Bax-enhancing tumour necrosis factor-related apoptosis inducing ligand-mediated apoptosis in the human hepatocellular carcinoma cell line QGY-7703. FEBS Journal, 2003, 270, 2721-2731.	0.2	22
88	Triphenyl Tin Benzimidazolethiol, a Novel Antitumor Agent, Induces Mitochondrial-Mediated Apoptosis in Human Cervical Cancer Cells via Suppression of HPV-18 Encoded E6. Journal of Biochemistry, 2003, 134, 521-528.	1.7	45
89	Bcl-rambo beta, a special splicing variant with an insertion of an Alu-like cassette, promotes etoposide- and Taxol-induced cell death. FEBS Letters, 2003, 534, 61-68.	2.8	31
90	Direct Interaction between Survivin and Smac/DIABLO Is Essential for the Anti-apoptotic Activity of Survivin during Taxol-induced Apoptosis. Journal of Biological Chemistry, 2003, 278, 23130-23140.	3.4	329

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91	HIV-1 TAT-mediated protein transduction and subcellular localization using novel expression vectors1. FEBS Letters, 2002, 532, 36-44.	2.8	40
92	Site-Specific Integration of the Double-Mutation Glucose Isomerase (GIG138PG247D) Gene in Streptomyces lividans and Its Stable Expression. Current Microbiology, 2002, 44, 18-24.	2.2	1
93	Induction of apoptosis in glioma cell lines by TRAIL/Apo-2l. Journal of Neuroscience Research, 2000, 61, 464-470.	2.9	34
94	MTO1 Codes for a Mitochondrial Protein Required for Respiration in Paromomycin-resistant Mutants of Saccharomyces cerevisiae. Journal of Biological Chemistry, 1998, 273, 27945-27952.	3.4	89
95	FLX1 Codes for a Carrier Protein Involved in Maintaining a Proper Balance of Flavin Nucleotides in Yeast Mitochondria. Journal of Biological Chemistry, 1996, 271, 7392-7397.	3.4	112
96	A novel method employing polymerase chain reaction to disrupt genes lacking convenient restriction enzyme sites in yeast. Molecular Biotechnology, 1995, 3, 72-74.	2.4	0
97	The Saccharomyces cerevisiae homologue of ribosomal protein S26. Gene, 1994, 150, 401-402.	2.2	5
98	YKE2, a yeast nuclear gene encoding a protein showing homology to mouse KE2 and containing a putative leucine-zipper motif. Gene, 1994, 151, 197-201.	2.2	4
99	Nucleotide sequence of a flower-specific MADS box cDNA clone from orchid. Plant Molecular Biology, 1993, 23, 901-904.	3.9	74
100	Nucleotide sequence and in vitro translation of the coat protein gene of cymbidium mosaic virus. Virus Genes, 1993, 7, 157-170.	1.6	11
101	Nucleotide sequence of a Singapore isolate of zucchini yellow mosaic virus coat protein gene revealed an altered DAG motif. Virus Genes, 1993, 7, 381-387.	1.6	13
102	Nucleotide sequence of the 3â€² half of zucchini yellow mosaic virus (Singapore isolate) genome encoding the 4K protein, protease, polymerase and coat protein. Nucleic Acids Research, 1993, 21, 1317-1317.	14.5	8
103	Nucleotide sequences of the two ORFs upstream to the coat protein gene of cymbidium mosaic virus. Plant Molecular Biology, 1992, 18, 1027-1029.	3.9	5