

# Mian Wu

## List of Publications by Year in descending order

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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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	p53 regulates biosynthesis through direct inactivation of glucose-6-phosphate dehydrogenase. <i>Nature Cell Biology</i> , 2011, 13, 310-316.	10.3	620
3	Reciprocal Regulation of HIF-1 $\alpha$ and LincRNA-p21 Modulates the Warburg Effect. <i>Molecular Cell</i> , 2014, 53, 88-100.	9.7	453
4	Cleavage of RIP3 inactivates its caspase-independent apoptosis pathway by removal of kinase domain. <i>Cellular Signalling</i> , 2007, 19, 2056-2067.	3.6	388
5	Regulation of the pentose phosphate pathway in cancer. <i>Protein and Cell</i> , 2014, 5, 592-602.	11.0	363
6	Direct Interaction between Survivin and Smac/DIABLO Is Essential for the Anti-apoptotic Activity of Survivin during Taxol-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 23130-23140.	3.4	329
7	The lncRNA Neat1 promotes activation of inflammasomes in macrophages. <i>Nature Communications</i> , 2019, 10, 1495.	12.8	323
8	Acetylation of p53 at Lysine 373/382 by the Histone Deacetylase Inhibitor Depsipeptide Induces Expression of p21 Waf1/Cip1. <i>Molecular and Cellular Biology</i> , 2006, 26, 2782-2790.	2.3	265
9	GUARDIN is a p53-responsive long non-coding RNA that is essential for genomic stability. <i>Nature Cell Biology</i> , 2018, 20, 492-502.	10.3	239
10	CircACC1 Regulates Assembly and Activation of AMPK Complex under Metabolic Stress. <i>Cell Metabolism</i> , 2019, 30, 157-173.e7.	16.2	209
11	DJ-1 Decreases Bax Expression through Repressing p53 Transcriptional Activity. <i>Journal of Biological Chemistry</i> , 2008, 283, 4022-4030.	3.4	207
12	TAp73 enhances the pentose phosphate pathway and supports cell proliferation. <i>Nature Cell Biology</i> , 2013, 15, 991-1000.	10.3	198
13	Orphan nuclear receptor TR3 acts in autophagic cell death via mitochondrial signaling pathway. <i>Nature Chemical Biology</i> , 2014, 10, 133-140.	8.0	193
14	Characterization of Acid-sensing Ion Channels in Dorsal Horn Neurons of Rat Spinal Cord. <i>Journal of Biological Chemistry</i> , 2004, 279, 43716-43724.	3.4	169
15	MicroRNA-149*, a p53-responsive microRNA, functions as an oncogenic regulator in human melanoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15840-15845.	7.1	168
16	Biocompatible, Luminescent Silver@Phenol Formaldehyde Resin Core/Shell Nanospheres: Large-Scale Synthesis and Application for In Vivo Bioimaging. <i>Advanced Functional Materials</i> , 2008, 18, 872-879.	14.9	156
17	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. <i>Molecular and Cellular Biology</i> , 2006, 26, 9071-9082.	2.3	134
18	XIAP inhibits autophagy via XIAP-Mdm2-p53 signalling. <i>EMBO Journal</i> , 2013, 32, 2204-2216.	7.8	120

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19	FLX1 Codes for a Carrier Protein Involved in Maintaining a Proper Balance of Flavin Nucleotides in Yeast Mitochondria. <i>Journal of Biological Chemistry</i> , 1996, 271, 7392-7397.	3.4	112
20	Fatty acid synthesis is critical for stem cell pluripotency via promoting mitochondrial fission. <i>EMBO Journal</i> , 2017, 36, 1330-1347.	7.8	110
21	Combinatorial readout of unmodified H3R2 and acetylated H3K14 by the tandem PHD finger of MOZ reveals a regulatory mechanism for <i>HOXA9</i> transcription. <i>Genes and Development</i> , 2012, 26, 1376-1391.	5.9	99
22	A redox mechanism underlying nucleolar stress sensing by nucleophosmin. <i>Nature Communications</i> , 2016, 7, 13599.	12.8	94
23	LncRNA IDH1-AS1 links the functions of c-Myc and HIF1 $\alpha$ via IDH1 to regulate the Warburg effect. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1465-E1474.	7.1	93
24	LncRNA MIF, a c-Myc-activated long noncoding RNA, suppresses glycolysis by promoting Fbxw7-mediated c-Myc degradation. <i>EMBO Reports</i> , 2016, 17, 1204-1220.	4.5	92
25	MTO1 Codes for a Mitochondrial Protein Required for Respiration in Paromomycin-resistant Mutants of <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 27945-27952.	3.4	89
26	Siva1 suppresses epithelial-mesenchymal transition and metastasis of tumor cells by inhibiting stathmin and stabilizing microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12851-12856.	7.1	86
27	COQ9, a New Gene Required for the Biosynthesis of Coenzyme Q in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 31397-31404.	3.4	84
28	Nucleotide sequence of a flower-specific MADS box cDNA clone from orchid. <i>Plant Molecular Biology</i> , 1993, 23, 901-904.	3.9	74
29	PI(4,5)P2 5-phosphatase A regulates PI3K/Akt signalling and has a tumour suppressive role in human melanoma. <i>Nature Communications</i> , 2013, 4, 1508.	12.8	67
30	LAST, a c-Myc-inducible long noncoding RNA, cooperates with CNBP to promote CCND1 mRNA stability in human cells. <i>ELife</i> , 2017, 6, .	6.0	67
31	The p53-inducible long noncoding RNA TRINGS protects cancer cells from necrosis under glucose starvation. <i>EMBO Journal</i> , 2017, 36, 3483-3500.	7.8	66
32	Aurora-A mediated phosphorylation of LDHB promotes glycolysis and tumor progression by relieving the substrate-inhibition effect. <i>Nature Communications</i> , 2019, 10, 5566.	12.8	66
33	p53-Facilitated miR-199a-3p Regulates Somatic Cell Reprogramming. <i>Stem Cells</i> , 2012, 30, 1405-1413.	3.2	65
34	Regulation of L-Threonine Dehydrogenase in Somatic Cell Reprogramming. <i>Stem Cells</i> , 2013, 31, 953-965.	3.2	64
35	Puma-Mcl-1 interaction is not sufficient to prevent rapid degradation of Mcl-1. <i>Oncogene</i> , 2005, 24, 7224-7237.	5.9	57
36	c-Myc modulates microRNA processing via the transcriptional regulation of Drosha. <i>Scientific Reports</i> , 2013, 3, 1942.	3.3	57

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37	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). <i>Journal of Biological Chemistry</i> , 2011, 286, 36944-36955.	3.4	56
38	Endoplasmic reticulum stress inhibits cell cycle progression via induction of p27 in melanoma cells. <i>Cellular Signalling</i> , 2013, 25, 144-149.	3.6	55
39	A new role of p53 in regulating lipid metabolism. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 147-150.	3.3	55
40	MIR-181a regulates lipid metabolism via IDH1. <i>Scientific Reports</i> , 2015, 5, 8801.	3.3	53
41	Dual functions for OVAAL in initiation of RAF/MEK/ERK prosurvival signals and evasion of p27-mediated cellular senescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11661-E11670.	7.1	52
42	Identification of a novel nucleolar localization signal and a degradation signal in Survivin-deltaEx3: a potential link between nucleolus and protein degradation. <i>Oncogene</i> , 2005, 24, 2723-2734.	5.9	51
43	Chaperone-mediated autophagy prevents apoptosis by degrading BBC3/PUMA. <i>Autophagy</i> , 2015, 11, 1623-1635.	9.1	50
44	Regulation of the Mdm2-p53 pathway by the ubiquitin E3 ligase <sc>MARCH</sc> 7. <i>EMBO Reports</i> , 2018, 19, 305-319.	4.5	48
45	Nucleocytoplasmic Shuttling of Receptor-interacting Protein 3 (RIP3). <i>Journal of Biological Chemistry</i> , 2004, 279, 38820-38829.	3.4	47
46	Noxa/Mcl-1 Balance Regulates Susceptibility of Cells to Camptothecin-Induced Apoptosis. <i>Neoplasia</i> , 2007, 9, 871-881.	5.3	47
47	Sumoylation is critical for DJ-1 to repress p53 transcriptional activity. <i>FEBS Letters</i> , 2008, 582, 1151-1156.	2.8	47
48	Siva1 inhibits p53 function by acting as an ARF E3 ubiquitin ligase. <i>Nature Communications</i> , 2013, 4, 1551.	12.8	47
49	Triphenyl Tin Benzimidazolethiol, a Novel Antitumor Agent, Induces Mitochondrial-Mediated Apoptosis in Human Cervical Cancer Cells via Suppression of HPV-18 Encoded E6. <i>Journal of Biochemistry</i> , 2003, 134, 521-528.	1.7	45
50	miRNA-181 regulates embryo implantation in mice through targeting leukemia inhibitory factor. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 12-22.	3.3	44
51	A Single Amino Acid Change (Asp 53 to Ala53) Converts Survivin from Anti-apoptotic to Pro-apoptotic. <i>Molecular Biology of the Cell</i> , 2004, 15, 1287-1296.	2.1	43
52	Phosphorylation of Pirh2 by Calmodulin-dependent kinase II impairs its ability to ubiquitinate p53. <i>EMBO Journal</i> , 2007, 26, 3062-3074.	7.8	43
53	Novel link between E2F1 and Smac/DIABLO: proapoptotic Smac/DIABLO is transcriptionally upregulated by E2F1. <i>Nucleic Acids Research</i> , 2006, 34, 2046-2055.	14.5	41
54	HIV-1 TAT-mediated protein transduction and subcellular localization using novel expression vectors1. <i>FEBS Letters</i> , 2002, 532, 36-44.	2.8	40

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55	p53-Dependent Apoptotic Mechanism of a New Designer Bimetallic Compound Tri-phenyl Tin Benzimidazolethiol Copper Chloride (TPT-CuCl <sub>2</sub> ): In Vivo Studies in Wistar Rats as Well as in Vitro Studies in Human Cervical Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 22-33.	2.5	40
56	SENEBLOC, a long non-coding RNA suppresses senescence via p53-dependent and independent mechanisms. <i>Nucleic Acids Research</i> , 2020, 48, 3089-3102.	14.5	39
57	LncRNA GIRGL drives CAPRN1-mediated phase separation to suppress glutaminase-1 translation under glutamine deprivation. <i>Science Advances</i> , 2021, 7, .	10.3	38
58	p53 and Bad: remote strangers become close friends. <i>Cell Research</i> , 2007, 17, 283-285.	12.0	35
59	Induction of apoptosis in glioma cell lines by TRAIL/Apo-2l. <i>Journal of Neuroscience Research</i> , 2000, 61, 464-470.	2.9	34
60	Mitochondrial E3 ligase March5 maintains stemness of mouse ES cells via suppression of ERK signalling. <i>Nature Communications</i> , 2015, 6, 7112.	12.8	34
61	Retinoic acid-induced HOXA5 expression is co-regulated by HuR and miR-130a. <i>Cellular Signalling</i> , 2013, 25, 1476-1485.	3.6	32
62	TP53, TP53 Target Genes (DRAM, TIGAR), and Autophagy. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1206, 127-149.	1.6	32
63	The long noncoding RNA glycoLINC assembles a lower glycolytic metabolon to promote glycolysis. <i>Molecular Cell</i> , 2022, 82, 542-554.e6.	9.7	32
64	Bcl-rambo beta, a special splicing variant with an insertion of an Alu-like cassette, promotes etoposide- and Taxol-induced cell death. <i>FEBS Letters</i> , 2003, 534, 61-68.	2.8	31
65	Domain-swapped Dimerization of the Second PDZ Domain of ZO2 May Provide a Structural Basis for the Polymerization of Claudins. <i>Journal of Biological Chemistry</i> , 2007, 282, 35988-35999.	3.4	30
66	BECN1s, a short splice variant of BECN1, functions in mitophagy. <i>Autophagy</i> , 2015, 11, 2048-2056.	9.1	29
67	Non-coding RNAs, guardians of the p53 galaxy. <i>Seminars in Cancer Biology</i> , 2021, 75, 72-83.	9.6	27
68	p53 Dependent Centrosome Clustering Prevents Multipolar Mitosis in Tetraploid Cells. <i>PLoS ONE</i> , 2011, 6, e27304.	2.5	27
69	RIP3 <sup>12</sup> and RIP3 <sup>13</sup> , two novel splice variants of receptor-interacting protein 3 (RIP3), downregulate RIP3-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 181-187.	2.1	26
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. <i>EMBO Journal</i> , 2007, 26, 1068-1080.	7.8	26
71	FITC-quencher based caspase 3-activatable nanoprobe for effectively sensing caspase 3 in vitro and in cells. <i>Nanoscale</i> , 2013, 5, 8963.	5.6	26
72	Etoposide upregulates Bax-enhancing tumour necrosis factor-related apoptosis inducing ligand-mediated apoptosis in the human hepatocellular carcinoma cell line QGY-7703. <i>FEBS Journal</i> , 2003, 270, 2721-2731.	0.2	22

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73	E2F1 represses $\beta$ -catenin/TCF activity by direct up-regulation of Siah1. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1719-1727.	3.6	20
74	Tumor Suppressor ARF Promotes Non-classic Proteasome-independent Polyubiquitination of COMMD1. <i>Journal of Biological Chemistry</i> , 2008, 283, 11453-11460.	3.4	18
75	DEVD-Based Hydrogelator Minimizes Cellular Apoptosis Induction. <i>Scientific Reports</i> , 2013, 3, 1848.	3.3	18
76	TRIM27 cooperates with STK38L to inhibit ULK1-mediated autophagy and promote tumorigenesis. <i>EMBO Journal</i> , 2022, 41, .	7.8	18
77	p45, an ATPase subunit of the 19S proteasome, targets the polyglutamine disease protein ataxin-3 to the proteasome. <i>Journal of Neurochemistry</i> , 2007, 101, 1651-1661.	3.9	17
78	Nucleophosmin/B23 Inhibits Eg5-mediated Microtubule Depolymerization by Inactivating Its ATPase Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 19060-19067.	3.4	17
79	E2F1 inhibits MDM2 expression in a p53-dependent manner. <i>Cellular Signalling</i> , 2011, 23, 193-200.	3.6	17
80	DDIT3 Directs a Dual Mechanism to Balance Glycolysis and Oxidative Phosphorylation during Glutamine Deprivation. <i>Advanced Science</i> , 2021, 8, e2003732.	11.2	15
81	Multifaceted functions of Siva-1: more than an Indian God of Destruction. <i>Protein and Cell</i> , 2012, 3, 117-122.	11.0	14
82	Nucleotide sequence of a Singapore isolate of zucchini yellow mosaic virus coat protein gene revealed an altered DAG motif. <i>Virus Genes</i> , 1993, 7, 381-387.	1.6	13
83	lncRNA TRMP-S directs dual mechanisms to regulate p27-mediated cellular senescence. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 971-985.	5.1	13
84	PHLDA3 impedes somatic cell reprogramming by activating Akt-GSK3 $\beta$ pathway. <i>Scientific Reports</i> , 2017, 7, 2832.	3.3	12
85	Nucleotide sequence and in vitro translation of the coat protein gene of cymbidium mosaic virus. <i>Virus Genes</i> , 1993, 7, 157-170.	1.6	11
86	RUVBL2 is a novel repressor of ARF transcription. <i>FEBS Letters</i> , 2012, 586, 435-441.	2.8	11
87	lnc RNA GUARDIN suppresses cellular senescence through a LRP 130-PGC 1 $\alpha$ -FOXO 4-dependent signaling axis. <i>EMBO Reports</i> , 2020, 21, e48796.	4.5	11
88	Truncated RIP3 (tRIP3) acts upstream of FADD to induce apoptosis in the human hepatocellular carcinoma cell line QGY-7703. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 558-565.	2.1	10
89	Multiple roles for nuclear localization signal (NLS, aa 442-472) of receptor interacting protein 3 (RIP3). <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 850-855.	2.1	10
90	Pluripotency Activity of Nanog Requires Biochemical Stabilization by Variant Histone Protein H2A.Z. <i>Stem Cells</i> , 2015, 33, 2126-2134.	3.2	10

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91	Non-coding RNAs, metabolic stress and adaptive mechanisms in cancer. <i>Cancer Letters</i> , 2020, 491, 60-69.	7.2	10
92	Nucleotide sequence of the 3' half of zucchini yellow mosaic virus (Singapore isolate) genome encoding the 4K protein, protease, polymerase and coat protein. <i>Nucleic Acids Research</i> , 1993, 21, 1317-1317.	14.5	8
93	Crystal structure and functional characterization of the human RBM25 PWI domain and its flanking basic region. <i>Biochemical Journal</i> , 2013, 450, 85-94.	3.7	8
94	Noncoding RNAs Regulating p53 and c-Myc Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2016, 927, 337-365.	1.6	8
95	TP53LNC-DB, the database of lncRNAs in the p53 signalling network. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	7
96	Nucleotide sequences of the two ORFs upstream to the coat protein gene of cymbidium mosaic virus. <i>Plant Molecular Biology</i> , 1992, 18, 1027-1029.	3.9	5
97	The <i>Saccharomyces cerevisiae</i> homologue of ribosomal protein S26. <i>Gene</i> , 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. <i>Gene</i> , 1994, 151, 197-201.	2.2	4
99	Tumor-suppressive or tumor-supportive: For p53, that is the question. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1408537.	0.7	3
100	A Novel Sex Chromosome Mosaicism 45,X/45,Y/46,XY/46,YY/47,XYX Causing Ambiguous Genitalia. <i>Annals of Clinical and Laboratory Science</i> , 2017, 47, 761-764.	0.2	2
101	Site-Specific Integration of the Double-Mutation Glucose Isomerase (GIG138PG247D) Gene in <i>Streptomyces lividans</i> and Its Stable Expression. <i>Current Microbiology</i> , 2002, 44, 18-24.	2.2	1
102	A novel method employing polymerase chain reaction to disrupt genes lacking convenient restriction enzyme sites in yeast. <i>Molecular Biotechnology</i> , 1995, 3, 72-74.	2.4	0
103	PRMT1 Contributes to HNF1A-mediated Regulation Network of CYP3A4 in Huh7 Cells. <i>FASEB Journal</i> , 2021, 35, .	0.5	0