Yanping Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

91 papers	7,799 citations	66343 42 h-index	49909 87 g-index
91 all docs	91 docs citations	91 times ranked	8931 citing authors

#	Article	IF	Citations
1	ARF Promotes MDM2 Degradation and Stabilizes p53: ARF-INK4a Locus Deletion Impairs Both the Rb and p53 Tumor Suppression Pathways. Cell, 1998, 92, 725-734.	28.9	1,508
2	Signaling to p53: Ribosomal Proteins Find Their Way. Cancer Cell, 2009, 16, 369-377.	16.8	510
3	Ribosomal Protein L11 Negatively Regulates Oncoprotein MDM2 and Mediates a p53-Dependent Ribosomal-Stress Checkpoint Pathway. Molecular and Cellular Biology, 2003, 23, 8902-8912.	2.3	488
4	Tumor Suppressor ARF Degrades B23, a Nucleolar Protein Involved in Ribosome Biogenesis and Cell Proliferation. Molecular Cell, 2003, 12, 1151-1164.	9.7	408
5	Mutations in Human ARF Exon 2 Disrupt Its Nucleolar Localization and Impair Its Ability to Block Nuclear Export of MDM2 and p53. Molecular Cell, 1999, 3, 579-591.	9.7	340
6	Inhibition of HDM2 and Activation of p53 by Ribosomal Protein L23. Molecular and Cellular Biology, 2004, 24, 7669-7680.	2.3	329
7	Targeted Inactivation of Mdm2 RING Finger E3 Ubiquitin Ligase Activity in the Mouse Reveals Mechanistic Insights into p53 Regulation. Cancer Cell, 2007, 12, 355-366.	16.8	228
8	Essential role of ribosomal protein L11 in mediating growth inhibition-induced p53 activation. EMBO Journal, 2004, 23, 2402-2412.	7.8	225
9	An ARF-Independent c-MYC-Activated Tumor Suppression Pathway Mediated by Ribosomal Protein-Mdm2 Interaction. Cancer Cell, 2010, 18, 231-243.	16.8	185
10	MDM2â€“p53 Pathway in Hepatocellular Carcinoma. Cancer Research, 2014, 74, 7161-7167.	0.9	177
11	Regulation of the MDM2-P53 pathway and tumor growth by PICT1 via nucleolar RPL11. Nature Medicine, 2011, 17, 944-951.	30.7	170
12	Cancer-Associated Mutations in the MDM2 Zinc Finger Domain Disrupt Ribosomal Protein Interaction and Attenuate MDM2-Induced p53 Degradation. Molecular and Cellular Biology, 2007, 27, 1056-1068.	2.3	131
13	Mitochondrial p32 Is a Critical Mediator of ARF-Induced Apoptosis. Cancer Cell, 2008, 13, 542-553.	16.8	131
14	The CUL1 C-Terminal Sequence and ROC1 Are Required for Efficient Nuclear Accumulation, NEDD8 Modification, and Ubiquitin Ligase Activity of CUL1. Molecular and Cellular Biology, 2000, 20, 8185-8197.	2.3	130
15	Regulation of p53: a collaboration between Mdm2 and MdmX. Oncotarget, 2012, 3, 228-235.	1.8	123
16	Nucleocytoplasmic Shuttling of p53 Is Essential for MDM2-Mediated Cytoplasmic Degradation but Not Ubiquitination. Molecular and Cellular Biology, 2003, 23, 6396-6405.	2.3	117
17	Regulation of the MDM2-p53 Pathway by Ribosomal Protein L11 Involves a Post-ubiquitination Mechanism. Journal of Biological Chemistry, 2006, 281, 24304-24313.	3.4	108
18	Ribosomal Protein S9 Is a Novel B23/NPM-binding Protein Required for Normal Cell Proliferation. Journal of Biological Chemistry, 2008, 283, 15568-15576.	3.4	107

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19	Ribosomal proteinâ€“Mdm2â€“p53 pathway coordinates nutrient stress with lipid metabolism by regulating MCD and promoting fatty acid oxidation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2414-22.	7.1	91
20	Nucleocytoplasmic Shuttling Modulates Activity and Ubiquitination-Dependent Turnover of SUMO-Specific Protease 2. Molecular and Cellular Biology, 2006, 26, 4675-4689.	2.3	84
21	MDM2 Associates with Polycomb Repressor Complex 2 and Enhances Stemness-Promoting Chromatin Modifications Independent of p53. Molecular Cell, 2016, 61, 68-83.	9.7	82
22	Ribosomal proteins as unrevealed caretakers for cellular stress and genomic instability. Oncotarget, 2014, 5, 860-871.	1.8	81
23	E3 ubiquitin ligase COP1 regulates the stability and functions of MTA1. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17493-17498.	7.1	80
24	The RP-Mdm2-p53 Pathway and Tumorigenesis. Oncotarget, 2011, 2, 234-238.	1.8	79
25	RPâ€“MDM2â€“p53 Pathway: Linking Ribosomal Biogenesis and Tumor Surveillance. Trends in Cancer, 2016, 2, 191-204.	7.4	77
26	Stem cells in a three-dimensional scaffold environment. SpringerPlus, 2014, 3, 80.	1.2	76
27	Rap2B promotes proliferation, migration and invasion of human breast cancer through calcium-related ERK1/2 signaling pathway. Scientific Reports, 2015, 5, 12363.	3.3	70
28	Analysis of 45 kb of DNA located at the left end of the chlorella virus PBCV-1 genorne. Virology, 1995, 206, 339-352.	2.4	67
29	Unlocking the Mdm2-p53 loop: Ubiquitin is the key. Cell Cycle, 2008, 7, 287-292.	2.6	63
30	Putting a Finger on Growth Surveillance: Insight into MDM2 Zinc Finger-Ribosomal Protein Interactions. Cell Cycle, 2007, 6, 434-437.	2.6	60
31	p53-inducible DHRS3 Is an Endoplasmic Reticulum Protein Associated with Lipid Droplet Accumulation. Journal of Biological Chemistry, 2011, 286, 28343-28356.	3.4	60
32	p53 coordinates DNA repair with nucleotide synthesis by suppressing PFKFB3 expression and promoting the pentose phosphate pathway. Scientific Reports, 2016, 6, 38067.	3.3	59
33	Haploinsufficiency of SIRT1 Enhances Glutamine Metabolism and Promotes Cancer Development. Current Biology, 2017, 27, 483-494.	3.9	59
34	Essential Role of the B23/NPM Core Domain in Regulating ARF Binding and B23 Stability. Journal of Biological Chemistry, 2006, 281, 18463-18472.	3.4	58
35	p53 Oligomerization Is Essential for Its C-terminal Lysine Acetylation. Journal of Biological Chemistry, 2009, 284, 5158-5164.	3.4	58
36	Mitochondrial HEP27 Is a c-Myb Target Gene That Inhibits Mdm2 and Stabilizes p53. Molecular and Cellular Biology, 2010, 30, 3981-3993.	2.3	58

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37	Regulation of p53 by Mdm2 E3 Ligase Function Is Dispensable in Embryogenesis and Development, but Essential in Response to DNA Damage. Cancer Cell, 2014, 26, 235-247.	16.8	54
38	Intracellular CD24 disrupts the ARFâ€“NPM interaction and enables mutational and viral oncogene-mediated p53 inactivation. Nature Communications, 2015, 6, 5909.	12.8	54
39	The Ribosomal Protein-Mdm2-p53 Pathway and Energy Metabolism: Bridging the Gap between Feast and Famine. Genes and Cancer, 2011, 2, 392-403.	1.9	51
40	Guanine nucleotide depletion inhibits pre-ribosomal RNA synthesis and causes nucleolar disruption. Leukemia Research, 2008, 32, 131-141.	0.8	49
41	Protection against High-Fat-Diet-Induced Obesity in MDM2 C305F Mice Due to Reduced p53 Activity and Enhanced Energy Expenditure. Cell Reports, 2017, 18, 1005-1018.	6.4	49
42	The Evolution of the Ribosomal Proteinâ€“MDM2â€“p53 Pathway. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a026138.	6.2	47
43	MTA1 Coregulator Regulates p53 Stability and Function. Journal of Biological Chemistry, 2009, 284, 34545-34552.	3.4	46
44	B23 and ARF: Friends or Foes?. Cell Biochemistry and Biophysics, 2006, 46, 79-90.	1.8	44
45	Chlorella Virus NY-2A Encodes at Least 12 DNA Endonuclease/Methyltransferase Genes. Virology, 1998, 240, 366-375.	2.4	43
46	Characterization ofChlorellavirus PBCV-1CviAII restriction and modification system. Nucleic Acids Research, 1992, 20, 5351-5356.	14.5	40
47	The MDM2 RING Domain and Central Acidic Domain Play Distinct Roles in MDM2 Protein Homodimerization and MDM2-MDMX Protein Heterodimerization. Journal of Biological Chemistry, 2015, 290, 12941-12950.	3.4	37
48	Life and Death Decision-Making by p53 and Implications for Cancer Immunotherapy. Trends in Cancer, 2021, 7, 226-239.	7.4	34
49	The termini of the Chlorella virus PBCV-1 genome are identical 2.2-kbp inverted repeats. Virology, 1991, 180, 763-769.	2.4	33
50	The ARF-B23 Connection: Implications for Growth Control and Cancer Treatment. Cell Cycle, 2004, 3, 257-260.	2.6	32
51	p53 Regulates the Expression of LRP1 and Apoptosis through a Stress Intensity-Dependent MicroRNA Feedback Loop. Cell Reports, 2018, 24, 1484-1495.	6.4	31
52	Bidirectional autoregulatory mechanism of metastasis-associated protein 1-alternative reading frame pathway in oncogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8791-8796.	7.1	29
53	CRL4 ^{DCAF1/VprBP} E3 ubiquitin ligase controls ribosome biogenesis, cell proliferation, and development. Science Advances, 2020, 6, .	10.3	27
54	ARF in the mitochondria: The last frontier?. Cell Cycle, 2008, 7, 3641-3646.	2.6	26

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55	Depletion of Guanine Nucleotides Leads to the Mdm2-Dependent Proteasomal Degradation of Nucleostemin. Cancer Research, 2009, 69, 3004-3012.	0.9	26
56	DEC1 negatively regulates AMPK activity via LKB1. Biochemical and Biophysical Research Communications, 2015, 467, 711-716.	2.1	24
57	RPL23 Links Oncogenic RAS Signaling to p53-Mediated Tumor Suppression. Cancer Research, 2016, 76, 5030-5039.	0.9	23
58	MDMX Recruits UbcH5c to Facilitate MDM2 E3 Ligase Activity and Subsequent p53 Degradation In Vivo. Cancer Research, 2021, 81, 898-909.	0.9	22
59	A single amino acid change restores DNA Cytosine methyltransferase activity in a cloned chlorella virus pseudogene. Nucleic Acids Research, 1992, 20, 1637-1642.	14.5	20
60	The ARF-B23 connection: implications for growth control and cancer treatment. Cell Cycle, 2004, 3, 259-62.	2.6	18
61	The In Vivo Role of the RP-Mdm2-p53 Pathway in Signaling Oncogenic Stress Induced by pRb Inactivation and Ras Overexpression. PLoS ONE, 2011, 6, e21625.	2.5	17
62	Mouse modelling of the MDM2/MDMXâˆ'p53 signalling axis. Journal of Molecular Cell Biology, 2017, 9, 34-44.	3.3	17
63	CHCHD2 connects mitochondrial metabolism to apoptosis. Molecular and Cellular Oncology, 2015, 2, e1004964.	0.7	16
64	BIRC6 mediates imatinib resistance independently of Mcl-1. PLoS ONE, 2017, 12, e0177871.	2.5	16
65	Rap2B promotes migration and invasion of human suprarenal epithelioma. Tumor Biology, 2014, 35, 9387-9394.	1.8	15
66	p32 heterozygosity protects against age- and diet-induced obesity by increasing energy expenditure. Scientific Reports, 2017, 7, 5754.	3.3	15
67	Chlorella virus SC-1A encodes at least five functional and one nonfunctional DNA methyltransferases. Gene, 1997, 190, 237-244.	2.2	14
68	The anaphase-promoting complex/cyclosome is an E3 ubiquitin ligase for Mdm2. Cell Cycle, 2014, 13, 2101-2109.	2.6	13
69	DNA methyltransferases and DNA site-specific endonucleases encoded by chlorella viruses. , 1993, 64, 186-211.		13
70	Mice with a Mutation in the Mdm2 Gene That Interferes with MDM2/Ribosomal Protein Binding Develop a Defect in Erythropoiesis. PLoS ONE, 2016, 11, e0152263.	2.5	13
71	p32 regulates ER stress and lipid homeostasis by downâ€regulating GCS1 expression. FASEB Journal, 2018, 32, 3892-3902.	0.5	12
72	Mdm2 RING Mutation Enhances p53 Transcriptional Activity and p53-p300 Interaction. PLoS ONE, 2012, 7, e38212.	2.5	12

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73	Rhythmic expression of DEC2 protein in vitro and in vivo. Biomedical Reports, 2016, 4, 704-710.	2.0	11
74	Inactivation of the MDM2 RING domain enhances p53 transcriptional activity in mice. Journal of Biological Chemistry, 2017, 292, 21614-21622.	3.4	11
75	p53 target gene Rap2B regulates the cytoskeleton and inhibits cell spreading. Journal of Cancer Research and Clinical Oncology, 2015, 141, 1791-1798.	2.5	10
76	p53 Regulation Goes Live--Mdm2 and MdmX Co-Star: Lessons Learned from Mouse Modeling. Genes and Cancer, 2012, 3, 219-225.	1.9	8
77	Postoperative hemorrhage following coblation tonsillectomy with and without suture: A randomized study in Chinese adults. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2021, 42, 102760.	1.3	8
78	p53 upregulates PLCÎµ-IP3-Ca2+ pathway and inhibits autophagy through its target gene Rap2B. Oncotarget, 2017, 8, 64657-64669.	1.8	8
79	A p53/CPEB2 negative feedback loop regulates renal cancer cell proliferation and migration. Journal of Genetics and Genomics, 2021, 48, 606-617.	3.9	7
80	Maxillofacial mass as the first presentation of acute lymphoblastic leukemia in a nine-year-old girl. Auris Nasus Larynx, 2010, 37, 377-380.	1.2	6
81	Role of Rap2 and its Downstream Effectors in Tumorigenesis. Anti-Cancer Agents in Medicinal Chemistry, 2015, 15, 1269-1276.	1.7	5
82	Regulation of the p53 Tumor Suppressor Pathway: The Problems and Promises of Studying Mdm2's E3 Ligase Function. Critical Reviews in Eukaryotic Gene Expression, 2010, 20, 77-86.	0.9	3
83	Chronic REM-sleep deprivation induced laryngopharyngeal reflux in rats: A preliminary study. Auris Nasus Larynx, 2021, 48, 683-689.	1.2	3
84	MDMX is essential for the regulation of p53 protein levels in the absence of a functional MDM2 C-terminal tail. BMC Molecular and Cell Biology, 2021, 22, 46.	2.0	3
85	Mitochondrial targeting signals: Another barcode in p14ARF?. Cell Cycle, 2010, 9, 861-869.	2.6	2
86	Nutrient availability dictates the regulation of metabolism by the ribosomal protein-MDM2-p53 pathway. Molecular and Cellular Oncology, 2018, 5, e1302904.	0.7	2
87	The RP-p53-Mdm2 pathway. Cell Cycle, 2010, 9, 4427-4427.	2.6	1
88	Nucleolar Signaling Determines Cell Fate: The RP-Mdm2-p53 Axis Fine-Tunes Cellular Homeostasis. Cancer Drug Discovery and Development, 2014, , 231-257.	0.4	1
89	Molecular Processes and Hub Genes of Acropora Palmata in Response to Thermal Stress And Bleaching. Journal of Coastal Research, 2019, 35, 26.	0.3	1
90	New insight into the role of MDMX in MDM2-mediated p53 degradation and anti-cancer drug development. Oncoscience, 2021, 8, 94-96.	2.2	0

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91	The Role of the Nucleolus in the Stress Response. , 2011, , 281-299.		0