# Xinbin Chen

List of Publications by Year
in descending order

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| 106 | 5,279 | 66343 | 95266 |
|---|---|---|---|
| papers | citations | 42 | 68 |
| | | h-index | g-index |

| 107 | 107 | 107 | 6381 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Examination of the expanding pathways for the regulation of p21 expression and activity. Cellular Signalling, 2010, 22, 1003-1012. | 3.6 | 355 |
| 2 | p63Î± and Î”Np63Î± can induce cell cycle arrest and apoptosis and differentially regulate p53 target genes. Oncogene, 2001, 20, 3193-3205. | 5.9 | 271 |
| 3 | The ferredoxin reductase gene is regulated by the p53 family and sensitizes cells to oxidative stress-induced apoptosis. Oncogene, 2002, 21, 7195-7204. | 5.9 | 176 |
| 4 | Dickkopf-1, an inhibitor of the Wnt signaling pathway, is induced by p53. Oncogene, 2000, 19, 1843-1848. | 5.9 | 154 |
| 5 | Companion animals: Translational scientistâ€™s new best friends. Science Translational Medicine, 2015, 7, 308ps21. | 12.4 | 145 |
| 6 | GPX2, a Direct Target of p63, Inhibits Oxidative Stress-induced Apoptosis in a p53-dependent Manner. Journal of Biological Chemistry, 2006, 281, 7856-7862. | 3.4 | 143 |
| 7 | Receptor tyrosine kinase EphA2 is regulated by p53-family proteins and induces apoptosis. Oncogene, 2001, 20, 6503-6515. | 5.9 | 135 |
| 8 | Histone Deacetylase 2 Modulates p53 Transcriptional Activities through Regulation of p53-DNA Binding Activity. Cancer Research, 2007, 67, 3145-3152. | 0.9 | 132 |
| 9 | Cancer theâ€˜RBPâ€™euticsâ€“RNA-binding proteins as therapeutic targets for cancer. , 2019, 203, 107390. | | 125 |
| 10 | RNPC1, an RNA-binding protein and a target of the p53 family, is required for maintaining the stability of the basal and stress-induced p21 transcript. Genes and Development, 2006, 20, 2961-2972. | 5.9 | 124 |
| 11 | Translational repression of p53 by RNPC1, a p53 target overexpressed in lymphomas. Genes and Development, 2011, 25, 1528-1543. | 5.9 | 115 |
| 12 | RNPC1 modulates the RNA-binding activity of, and cooperates with, HuR to regulate p21 mRNA stability. Nucleic Acids Research, 2010, 38, 2256-2267. | 14.5 | 107 |
| 13 | DEC1, a Basic Helix-Loop-Helix Transcription Factor and a Novel Target Gene of the p53 Family, Mediates p53-dependent Premature Senescence. Journal of Biological Chemistry, 2008, 283, 2896-2905. | 3.4 | 106 |
| 14 | Î”Np73Î² Is Active in Transactivation and Growth Suppression. Molecular and Cellular Biology, 2004, 24, 487-501. | 2.3 | 104 |
| 15 | Ferredoxin reductase is critical for p53-dependent tumor suppression via iron regulatory protein 2. Genes and Development, 2017, 31, 1243-1256. | 5.9 | 97 |
| 16 | The Activation Domains, the Proline-rich Domain, and the C-terminal Basic Domain in p53 Are Necessary for Acetylation of Histones on the Proximal p21 Promoter and Interaction with p300/CREB-binding Protein. Journal of Biological Chemistry, 2003, 278, 17557-17565. | 3.4 | 95 |
| 17 | Definition of the p53 Functional Domains Necessary for Inducing Apoptosis. Journal of Biological Chemistry, 2000, 275, 39927-39934. | 3.4 | 94 |
| 18 | DNA Polymerase Î·, the Product of the Xeroderma Pigmentosum Variant Gene and a Target of p53, Modulates the DNA Damage Checkpoint and p53 Activation. Molecular and Cellular Biology, 2006, 26, 1398-1413. | 2.3 | 94 |

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|---|---|---|---|
| 19 | The Unique NH2-terminally Deleted (Î”N) Residues, the PXXP Motif, and the PPXY Motif Are Required for the Transcriptional Activity of the Î”N Variant of p63. Journal of Biological Chemistry, 2006, 281, 2533-2542. | 3.4 | 93 |
| 20 | p53 induces TAP1 and enhances the transport of MHC class I peptides. Oncogene, 1999, 18, 7740-7747. | 5.9 | 91 |
| 21 | p73 is transcriptionally regulated by DNA damage, p53, and p73. Oncogene, 2001, 20, 769-774. | 5.9 | 86 |
| 22 | RNPC1, an RNA-binding protein and a target of the p53 family, regulates p63 expression through mRNA stability. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9614-9619. | 7.1 | 83 |
| 23 | RORÎ³ is a targetable master regulator of cholesterol biosynthesis in a cancer subtype. Nature Communications, 2019, 10, 4621. | 12.8 | 81 |
| 24 | Mutant p53 Disrupts MCF-10A Cell Polarity in Three-dimensional Culture via Epithelial-to-mesenchymal Transitions. Journal of Biological Chemistry, 2011, 286, 16218-16228. | 3.4 | 73 |
| 25 | Rbm24, a target of p53, is necessary for proper expression of p53 and heart development. Cell Death and Differentiation, 2018, 25, 1118-1130. | 11.2 | 70 |
| 26 | Myosin VI Is a Mediator of the p53-Dependent Cell Survival Pathway. Molecular and Cellular Biology, 2006, 26, 2175-2186. | 2.3 | 66 |
| 27 | Role of Pirh2 in Mediating the Regulation of p53 and c-Myc. PLoS Genetics, 2011, 7, e1002360. | 3.5 | 65 |
| 28 | The cyclin-dependent kinase inhibitor p21 is regulated by RNA-binding protein PCBP4 via mRNA stability. Nucleic Acids Research, 2011, 39, 213-224. | 14.5 | 64 |
| 29 | Rbm24, an RNA-binding Protein and a Target of p53, Regulates p21 Expression via mRNA Stability. Journal of Biological Chemistry, 2014, 289, 3164-3175. | 3.4 | 62 |
| 30 | Mice deficient in Rbm38, a target of the p53 family, are susceptible to accelerated aging and spontaneous tumors. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18637-18642. | 7.1 | 59 |
| 31 | Suppression of Inhibitor of Differentiation 2, a Target of Mutant p53, Is Required for Gain-of-Function Mutations. Cancer Research, 2008, 68, 6789-6796. | 0.9 | 58 |
| 32 | Pirh2 E3 Ubiquitin Ligase Targets DNA Polymerase Eta for 20S Proteasomal Degradation. Molecular and Cellular Biology, 2010, 30, 1041-1048. | 2.3 | 54 |
| 33 | RNA-Binding Protein RBM24 Regulates p63 Expression via mRNA Stability. Molecular Cancer Research, 2014, 12, 359-369. | 3.4 | 51 |
| 34 | p73 Expression Is Regulated by RNPC1, a Target of the p53 Family, via mRNA Stability. Molecular and Cellular Biology, 2012, 32, 2336-2348. | 2.3 | 50 |
| 35 | Pirh2 RINGâ€finger E3 ubiquitin ligase: Its role in tumorigenesis and cancer therapy. FEBS Letters, 2012, 586, 1397-1402. | 2.8 | 48 |
| 36 | Glycogen synthase kinase 3 promotes p53 mRNA translation via phosphorylation of RNPC1. Genes and Development, 2013, 27, 2246-2258. | 5.9 | 48 |

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|---|---|---|---|
| 37 | Pirh2 E3 Ubiquitin Ligase Monoubiquitinates DNA Polymerase Eta To Suppress Translesion DNA Synthesis. Molecular and Cellular Biology, 2011, 31, 3997-4006. | 2.3 | 47 |
| 38 | Aquaporin 3, a glycerol and water transporter, is regulated by p73 of the p53 family. FEBS Letters, 2001, 489, 4-7. | 2.8 | 46 |
| 39 | Poly (C)-Binding Protein 1 Regulates p63 Expression through mRNA Stability. PLoS ONE, 2013, 8, e71724. | 2.5 | 46 |
| 40 | The C-terminal Sterile Î± Motif and the Extreme C Terminus Regulate the Transcriptional Activity of the Î± Isoform of p73. Journal of Biological Chemistry, 2005, 280, 20111-20119. | 3.4 | 45 |
| 41 | DNA polymerase eta is targeted by Mdm2 for polyubiquitination and proteasomal degradation in response to ultraviolet irradiation. DNA Repair, 2012, 11, 177-184. | 2.8 | 45 |
| 42 | p73 cooperates with DNA damage agents to induce apoptosis in MCF7 cells in a p53-dependent manner. Oncogene, 2001, 20, 4050-4057. | 5.9 | 44 |
| 43 | Differentiated embryo-chondrocyte expressed gene 1 regulates p53-dependent cell survival versus cell death through macrophage inhibitory cytokine-1. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11300-11305. | 7.1 | 44 |
| 44 | Pirh2 E3 Ubiquitin Ligase Modulates Keratinocyte Differentiation through p63. Journal of Investigative Dermatology, 2013, 133, 1178-1187. | 0.7 | 44 |
| 45 | Arsenic Trioxide Reactivates Proteasome-Dependent Degradation of Mutant p53 Protein in Cancer Cells in Part via Enhanced Expression of Pirh2 E3 Ligase. PLoS ONE, 2014, 9, e103497. | 2.5 | 42 |
| 46 | The Epithelial Cell Transforming Sequence 2, a Guanine Nucleotide Exchange Factor for Rho GTPases, Is Repressed by p53 via Protein Methyltransferases and Is Required for G1-S Transition. Cancer Research, 2006, 66, 6271-6279. | 0.9 | 41 |
| 47 | Posttranscriptional Regulation of p53 and its Targets by RNABinding Proteins. Current Molecular Medicine, 2008, 8, 845-849. | 1.3 | 40 |
| 48 | Ninjurin 1 has two opposing functions in tumorigenesis in a p53-dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11500-11505. | 7.1 | 40 |
| 49 | Ninjurin1, a target of p53, regulates p53 expression and p53-dependent cell survival, senescence, and radiation-induced mortality. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9362-9367. | 7.1 | 39 |
| 50 | p53 tumor suppressor and iron homeostasis. FEBS Journal, 2019, 286, 620-629. | 4.7 | 39 |
| 51 | The p73 Tumor Suppressor Is Targeted by Pirh2 RING Finger E3 Ubiquitin Ligase for the Proteasome-dependent Degradation. Journal of Biological Chemistry, 2011, 286, 35388-35395. | 3.4 | 38 |
| 52 | Cyclin G. Developmental Cell, 2002, 2, 518-519. | 7.0 | 37 |
| 53 | Establishment of a Dog Model for the p53 Family Pathway and Identification of a Novel Isoform of p21 Cyclin-Dependent Kinase Inhibitor. Molecular Cancer Research, 2009, 7, 67-78. | 3.4 | 35 |
| 54 | Silencing the epigenetic silencer KDM4A for TRAIL and DR5 simultaneous induction and antitumor therapy. Cell Death and Differentiation, 2016, 23, 1886-1896. | 11.2 | 35 |

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| 55 | A PolH Transcript with a Short 3â€²UTR Enhances PolH Expression and Mediates Cisplatin Resistance. Cancer Research, 2019, 79, 3714-3724. | 0.9 | 35 |
| 56 | The RNA-binding Protein RNPC1 Stabilizes the mRNA Encoding the RNA-binding Protein HuR and Cooperates with HuR to Suppress Cell Proliferation. Journal of Biological Chemistry, 2012, 287, 14535-14544. | 3.4 | 33 |
| 57 | DEC1 Coordinates with HDAC8 to Differentially Regulate TAp73 and Î”Np73 Expression. PLoS ONE, 2014, 9, e84015. | 2.5 | 29 |
| 58 | Disruption of the Rbm38-eIF4E Complex with a Synthetic Peptide Pep8 Increases p53 Expression. Cancer Research, 2019, 79, 807-818. | 0.9 | 29 |
| 59 | Syntaxin 6, a Regulator of the Protein Trafficking Machinery and a Target of the p53 Family, Is Required for Cell Adhesion and Survival. Journal of Biological Chemistry, 2008, 283, 30689-30698. | 3.4 | 28 |
| 60 | Characterization of Functional Domains Necessary for Mutant p53 Gain of Function. Journal of Biological Chemistry, 2010, 285, 14229-14238. | 3.4 | 28 |
| 61 | Î”Np63, a Target of DEC1 and Histone Deacetylase 2, Modulates the Efficacy of Histone Deacetylase Inhibitors in Growth Suppression and Keratinocyte Differentiation. Journal of Biological Chemistry, 2011, 286, 12033-12041. | 3.4 | 28 |
| 62 | Mammary Epithelial Cell Polarity Is Regulated Differentially by p73 Isoforms via Epithelial-to-mesenchymal Transition. Journal of Biological Chemistry, 2012, 287, 17746-17753. | 3.4 | 27 |
| 63 | RNPC1, an RNA-binding Protein and a p53 Target, Regulates Macrophage Inhibitory Cytokine-1 (MIC-1) Expression through mRNA Stability. Journal of Biological Chemistry, 2013, 288, 23680-23686. | 3.4 | 27 |
| 64 | Genetic Ablation of Rbm38 Promotes Lymphomagenesis in the Context of Mutant p53 by Downregulating PTEN. Cancer Research, 2018, 78, 1511-1521. | 0.9 | 27 |
| 65 | <scp>FDXR</scp> regulates <scp>TP73</scp> tumor suppressor via <scp>IRP2</scp> to modulate aging and tumor suppression. Journal of Pathology, 2020, 251, 284-296. | 4.5 | 27 |
| 66 | Isolation and Characterization of Fourteen Novel Putative and Nine Known Target Genes of the p53 Family. Cancer Biology and Therapy, 2003, 2, 56-63. | 3.4 | 24 |
| 67 | Î”Np73 Modulates Nerve Growth Factor-Mediated Neuronal Differentiation through Repression of TrkA. Molecular and Cellular Biology, 2007, 27, 3868-3880. | 2.3 | 23 |
| 68 | Mutant p53 antagonizes p63/p73-mediated tumor suppression via Notch1. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24259-24267. | 7.1 | 23 |
| 69 | PUMA Cooperates with p21 to Regulate Mammary Epithelial Morphogenesis and Epithelial-To-Mesenchymal Transition. PLoS ONE, 2013, 8, e66464. | 2.5 | 23 |
| 70 | Hypoxia-inducible factor 1 alpha is regulated by RBM38, a RNA-binding protein and a p53 family target, via mRNA translation. Oncotarget, 2015, 6, 305-316. | 1.8 | 21 |
| 71 | RNA-binding Protein PCBP2 Regulates p73 Expression and p73-dependent Antioxidant Defense. Journal of Biological Chemistry, 2016, 291, 9629-9637. | 3.4 | 19 |
| 72 | TAp73 Protein Stability Is Controlled by Histone Deacetylase 1 via Regulation of Hsp90 Chaperone Function. Journal of Biological Chemistry, 2013, 288, 7727-7737. | 3.4 | 17 |

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| 73 | Arsenic Suppresses Cell Survival via Pirh2-mediated Proteasomal Degradation of Î”Np63 Protein. Journal of Biological Chemistry, 2013, 288, 2907-2913. | 3.4 | 17 |
| 74 | DNA polymerase Î· is regulated by poly(rC)-binding protein 1 via mRNA stability. Biochemical Journal, 2014, 464, 377-386. | 3.7 | 16 |
| 75 | The Rbm38-p63 feedback loop is critical for tumor suppression and longevity. Oncogene, 2018, 37, 2863-2872. | 5.9 | 16 |
| 76 | Clusterin, a Novel DEC1 Target, Modulates DNA Damageâ€“Mediated Cell Death. Molecular Cancer Research, 2018, 16, 1641-1651. | 3.4 | 16 |
| 77 | The p53 Family: A Role in Lipid and Iron Metabolism. Frontiers in Cell and Developmental Biology, 2021, 9, 715974. | 3.7 | 15 |
| 78 | p73 expression is regulated by ribosomal protein RPL26 through mRNA translation and protein stability. Oncotarget, 2016, 7, 78255-78268. | 1.8 | 15 |
| 79 | Mice deficient in poly(C)-binding protein 4 are susceptible to spontaneous tumors through increased expression of ZFP871 that targets p53 for degradation. Genes and Development, 2016, 30, 522-534. | 5.9 | 14 |
| 80 | Modulation of the p53 family network by RNA-binding proteins. Translational Cancer Research, 2016, 5, 676-684. | 1.0 | 12 |
| 81 | Serine 195 phosphorylation in the RNA-binding protein Rbm38 increases p63 expression by modulating Rbm38â€™s interaction with the Ago2â€“miR203 complex. Journal of Biological Chemistry, 2019, 294, 2449-2459. | 3.4 | 12 |
| 82 | Mdm2 is a target and mediator of IRP2 in cell growth control. FASEB Journal, 2020, 34, 2301-2311. | 0.5 | 12 |
| 83 | P73 tumor suppressor and its targets, p21 and PUMA, are required for madin-darby canine kidney cell morphogenesis by maintaining an appropriate level of epithelial to mesenchymal transition. Oncotarget, 2015, 6, 13994-14004. | 1.8 | 12 |
| 84 | Ferredoxin reductase and p53 are necessary for lipid homeostasis and tumor suppression through the ABCA1â€“SREBP pathway. Oncogene, 2022, 41, 1718-1726. | 5.9 | 12 |
| 85 | HuR Is Necessary for Mammary Epithelial Cell Proliferation and Polarity at Least in Part via Î”Np63. PLoS ONE, 2012, 7, e45336. | 2.5 | 11 |
| 86 | Iron regulatory protein 2 is a suppressor of mutant p53 in tumorigenesis. Oncogene, 2019, 38, 6256-6269. | 5.9 | 10 |
| 87 | PABPN1, a Target of p63, Modulates Keratinocyte Differentiation through Regulation of p63Î± mRNA Translation. Journal of Investigative Dermatology, 2020, 140, 2166-2177.e6. | 0.7 | 10 |
| 88 | Regulation of Mdm2 mRNA Stability by RNA-binding Protein RNPC1. Oncotarget, 2013, 4, 1121-1122. | 1.8 | 9 |
| 89 | TAp63Î³ and Î”Np63Î³ are regulated by RBM38 via mRNA stability and have an opposing function in growth suppression. Oncotarget, 2017, 8, 78327-78339. | 1.8 | 9 |
| 90 | Myosin VI Is Differentially Regulated by DNA Damage in p53- and Cell Type-dependent Manners. Journal of Biological Chemistry, 2010, 285, 27159-27166. | 3.4 | 8 |

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| 91 | DEC1 and MIC-1. Cell Cycle, 2012, 11, 3525-3526. | 2.6 | 8 |
| 92 | Iron Regulatory Protein 2 Exerts its Oncogenic Activities by Suppressing TAp63 Expression. Molecular Cancer Research, 2020, 18, 1039-1049. | 3.4 | 8 |
| 93 | Mutant p53 Cooperates with Knockdown of Endogenous Wild-Type p53 to Disrupt Tubulogenesis in Madin-Darby Canine Kidney Cells. PLoS ONE, 2013, 8, e85624. | 2.5 | 6 |
| 94 | Fine-tuning p53 activity by modulating the interaction between eukaryotic translation initiation factor eIF4E and RNA-binding protein RBM38. Genes and Development, 2021, 35, 542-555. | 5.9 | 6 |
| 95 | Olaparib-Induced Senescence Is Bypassed through G2â€“M Checkpoint Override in Olaparib-Resistant Prostate Cancer. Molecular Cancer Therapeutics, 2022, 21, 677-685. | 4.1 | 6 |
| 96 | Mice Deficient in the RNA-Binding Protein Zfp871 Are Prone to Early Death and Steatohepatitis in Part through the p53â€“Mdm2 Axis. Molecular Cancer Research, 2021, 19, 1751-1762. | 3.4 | 5 |
| 97 | Microglia-Derived Olfactomedin-like 3 Promotes Pro-Tumorigenic Microglial Function and Malignant Features of Glioma Cells. International Journal of Molecular Sciences, 2021, 22, 13052. | 4.1 | 5 |
| 98 | A new function for p53 tetramerization domain in cell fate control. Cell Cycle, 2016, 15, 2854-2855. | 2.6 | 4 |
| 99 | Novel role of Wip1 in p53-mediated cell homeostasis under non-stress conditions. Cell Cycle, 2011, 10, 3235-3235. | 2.6 | 3 |
| 100 | Survivin Expression Is Differentially Regulated by a Selective Cross-talk between RBM38 and miRNAs let-7b or miR-203a. Cancer Research, 2021, 81, 1827-1839. | 0.9 | 3 |
| 101 | The proline-rich domain of p53 is required for cooperation with anti-neoplastic agents to promote apoptosis of tumor cells. Oncogene, 2002, 21, 9-21. | 5.9 | 2 |
| 102 | Optimization of eIF4E-Binding Peptide Pep8 to Disrupt the RBM38-eIF4E Complex for Induction of p53 and Tumor Suppression. Frontiers in Oncology, 2022, 12, 893062. | 2.8 | 2 |
| 103 | p73Î±1, a p73 C-terminal isoform, regulates tumor suppression and the inflammatory response via Notch1. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 2 |
| 104 | Measuring Translation Efficiency by RNA Immunoprecipitation of Translation Initiation Factors. Methods in Molecular Biology, 2021, 2267, 73-79. | 0.9 | 1 |
| 105 | Small Proline-Rich Protein 2A and 2D Are Regulated by the RBM38-p73 Axis and Associated with p73-Dependent Suppression of Chronic Inflammation. Cancers, 2021, 13, 2829. | 3.7 | 1 |
| 106 | Abstract 2988: Loss of Rbm38 cooperates with mutant p53 to promote lymphomagenesis through downregulation of Pten. , 2018, , . | | 1 |