# Jin Zhang

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 62 papers | 2,926 citations | 186265 28 h-index | 189892 50 g-index |
| 63 all docs | 63 docs citations | 63 times ranked | 4837 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | LIN28 Regulates Stem Cell Metabolism and Conversion to Primed Pluripotency. Cell Stem Cell, 2016, 19, 66-80. | 11.1 | 278 |
| 2 | MicroRNA let-7c Is Downregulated in Prostate Cancer and Suppresses Prostate Cancer Growth. PLoS ONE, 2012, 7, e32832. | 2.5 | 163 |
| 3 | Liriodendron genome sheds light on angiosperm phylogeny and speciesâ€“pair differentiation. Nature Plants, 2019, 5, 18-25. | 9.3 | 163 |
| 4 | Lin28 sustains early renal progenitors and induces Wilms tumor. Genes and Development, 2014, 28, 971-982. | 5.9 | 149 |
| 5 | Cancer theâ€˜RBPâ€™euticsâ€“RNA-binding proteins as therapeutic targets for cancer. , 2019, 203, 107390. | | 125 |
| 6 | Translational repression of p53 by RNPC1, a p53 target overexpressed in lymphomas. Genes and Development, 2011, 25, 1528-1543. | 5.9 | 115 |
| 7 | 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 |
| 8 | 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 |
| 9 | Structure of the mammalian TRPM7, a magnesium channel required during embryonic development. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8201-E8210. | 7.1 | 101 |
| 10 | Ferredoxin reductase is critical for p53-dependent tumor suppression via iron regulatory protein 2. Genes and Development, 2017, 31, 1243-1256. | 5.9 | 97 |
| 11 | TRPM7 senses oxidative stress to release Zn <sup>2+</sup> from unique intracellular vesicles. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6079-E6088. | 7.1 | 89 |
| 12 | Acetylation of VGLL4 Regulates Hippo-YAP Signaling and Postnatal Cardiac Growth. Developmental Cell, 2016, 39, 466-479. | 7.0 | 86 |
| 13 | 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 |
| 14 | Small-Molecule Inhibitors Disrupt let-7 Oligouridylation and Release the Selective Blockade of let-7 Processing by LIN28. Cell Reports, 2018, 23, 3091-3101. | 6.4 | 81 |
| 15 | VEGF amplifies transcription through ETS1 acetylation to enable angiogenesis. Nature Communications, 2017, 8, 383. | 12.8 | 79 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | RNA-Binding Protein RBM24 Regulates p63 Expression via mRNA Stability. Molecular Cancer Research, 2014, 12, 359-369. | 3.4 | 51 |
| 21 | 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 |
| 22 | Glycogen synthase kinase 3 promotes p53 mRNA translation via phosphorylation of RNPC1. Genes and Development, 2013, 27, 2246-2258. | 5.9 | 48 |
| 23 | Posttranscriptional Regulation of p53 and its Targets by RNABinding Proteins. Current Molecular Medicine, 2008, 8, 845-849. | 1.3 | 40 |
| 24 | 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 |
| 25 | p53 tumor suppressor and iron homeostasis. FEBS Journal, 2019, 286, 620-629. | 4.7 | 39 |
| 26 | Functional kinomics establishes a critical node of volume-sensitive cation-Clâ^' cotransporter regulation in the mammalian brain. Scientific Reports, 2016, 6, 35986. | 3.3 | 38 |
| 27 | A PolH Transcript with a Short 3â€²UTR Enhances PolH Expression and Mediates Cisplatin Resistance. Cancer Research, 2019, 79, 3714-3724. | 0.9 | 35 |
| 28 | 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 |
| 29 | DEC1 Coordinates with HDAC8 to Differentially Regulate TAp73 and Î”Np73 Expression. PLoS ONE, 2014, 9, e84015. | 2.5 | 29 |
| 30 | Disruption of the Rbm38-eIF4E Complex with a Synthetic Peptide Pep8 Increases p53 Expression. Cancer Research, 2019, 79, 807-818. | 0.9 | 29 |
| 31 | Genetic Ablation of Rbm38 Promotes Lymphomagenesis in the Context of Mutant p53 by Downregulating PTEN. Cancer Research, 2018, 78, 1511-1521. | 0.9 | 27 |
| 32 | <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 |
| 33 | Î”Np73 Modulates Nerve Growth Factor-Mediated Neuronal Differentiation through Repression of TrkA. Molecular and Cellular Biology, 2007, 27, 3868-3880. | 2.3 | 23 |
| 34 | 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 |
| 35 | Dietary Cerebroside from Sea Cucumber (Stichopus japonicus): Absorption and Effects on Skin Barrier and Cecal Short-Chain Fatty Acids. Journal of Agricultural and Food Chemistry, 2016, 64, 7014-7021. | 5.2 | 21 |
| 36 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | RNA-binding Protein PCBP2 Regulates p73 Expression and p73-dependent Antioxidant Defense. Journal of Biological Chemistry, 2016, 291, 9629-9637. | 3.4 | 19 |
| 38 | Phylogenetic studies and comparative chloroplast genome analyses elucidate the basal position of halophyte Nitraria sibirica (Nitrariaceae) in the Sapindales. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 745-755. | 0.7 | 18 |
| 39 | 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 |
| 40 | Arsenic Suppresses Cell Survival via Pirh2-mediated Proteasomal Degradation of Î”Np63 Protein. Journal of Biological Chemistry, 2013, 288, 2907-2913. | 3.4 | 17 |
| 41 | The Rbm38-p63 feedback loop is critical for tumor suppression and longevity. Oncogene, 2018, 37, 2863-2872. | 5.9 | 16 |
| 42 | The p53 Family: A Role in Lipid and Iron Metabolism. Frontiers in Cell and Developmental Biology, 2021, 9, 715974. | 3.7 | 15 |
| 43 | p73 expression is regulated by ribosomal protein RPL26 through mRNA translation and protein stability. Oncotarget, 2016, 7, 78255-78268. | 1.8 | 15 |
| 44 | 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 |
| 45 | Modulation of the p53 family network by RNA-binding proteins. Translational Cancer Research, 2016, 5, 676-684. | 1.0 | 12 |
| 46 | 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 |
| 47 | Mdm2 is a target and mediator of IRP2 in cell growth control. FASEB Journal, 2020, 34, 2301-2311. | 0.5 | 12 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | Iron regulatory protein 2 is a suppressor of mutant p53 in tumorigenesis. Oncogene, 2019, 38, 6256-6269. | 5.9 | 10 |
| 52 | 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 |
| 53 | Regulation of Mdm2 mRNA Stability by RNA-binding Protein RNPC1. Oncotarget, 2013, 4, 1121-1122. | 1.8 | 9 |
| 54 | Iron Regulatory Protein 2 Exerts its Oncogenic Activities by Suppressing TAp63 Expression. Molecular Cancer Research, 2020, 18, 1039-1049. | 3.4 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | 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 |
| 56 | 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 |
| 57 | A new function for p53 tetramerization domain in cell fate control. Cell Cycle, 2016, 15, 2854-2855. | 2.6 | 4 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | Abstract 2988: Loss of Rbm38 cooperates with mutant p53 to promote lymphomagenesis through downregulation of Pten. , 2018, , . | | 1 |