# Mu-Shui Dai

List of Publications by Year
in descending order



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|---|---|---|---|
| 68 papers | 4,431 citations | 136950<br>32 h-index | 123424<br>61 g-index |
| 69 all docs | 69 docs citations | 69 times ranked | 5214 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Identifying phenotype-associated subpopulations by integrating bulk and single-cell sequencing data. Nature Biotechnology, 2022, 40, 527-538. | 17.5 | 128 |
| 2 | The SUMOâ€specific protease SENP1 deSUMOylates p53 and regulates its activity. Journal of Cellular Biochemistry, 2021, 122, 189-197. | 2.6 | 15 |
| 3 | Detection of Post-translational Modifications on MYC. Methods in Molecular Biology, 2021, 2318, 69-85. | 0.9 | 6 |
| 4 | The deubiquitinase USP36 promotes snoRNP group SUMOylation and is essential for ribosome biogenesis. EMBO Reports, 2021, 22, e50684. | 4.5 | 17 |
| 5 | Targeting the MYC Ubiquitination-Proteasome Degradation Pathway for Cancer Therapy. Frontiers in Oncology, 2021, 11, 679445. | 2.8 | 20 |
| 6 | Molecular Crosstalk Between MYC and HIF in Cancer. Frontiers in Cell and Developmental Biology, 2020, 8, 590576. | 3.7 | 50 |
| 7 | Writing and erasing MYC ubiquitination and SUMOylation. Genes and Diseases, 2019, 6, 359-371. | 3.4 | 55 |
| 8 | Deregulating MYC in a model of HER2+ breast cancer mimics human intertumoral heterogeneity. Journal of Clinical Investigation, 2019, 130, 231-246. | 8.2 | 31 |
| 9 | microRNAâ€130a suppresses breast cancer cell migration and invasion by targeting FOSL1 and upregulating ZOâ€1. Journal of Cellular Biochemistry, 2018, 119, 4945-4956. | 2.6 | 67 |
| 10 | The ubiquitin-specific protease USP36 is a conserved histone H2B deubiquitinase. Biochemical and Biophysical Research Communications, 2018, 495, 2363-2368. | 2.1 | 24 |
| 11 | GFZF, a Glutathione <i>S</i>-Transferase Protein Implicated in Cell Cycle Regulation and Hybrid Inviability, Is a Transcriptional Coactivator. Molecular and Cellular Biology, 2018, 38, . | 2.3 | 12 |
| 12 | Interplay between hypoxia and androgen controls a metabolic switch conferring resistance to androgen/AR-targeted therapy. Nature Communications, 2018, 9, 4972. | 12.8 | 40 |
| 13 | SUMO protease SENP1 deSUMOylates and stabilizes c-Myc. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10983-10988. | 7.1 | 59 |
| 14 | Post-translational modification localizes MYC to the nuclear pore basket to regulate a subset of target genes involved in cellular responses to environmental signals. Genes and Development, 2018, 32, 1398-1419. | 5.9 | 52 |
| 15 | Abstract 3536: SENP1 is a p53 deSUMOylating enzyme and its depletion induces p53 activity. , 2018, , . | | 0 |
| 16 | Î”N-ASPP2, a novel isoform of the ASPP2 tumor suppressor, promotes cellular survival. Biochemical and Biophysical Research Communications, 2017, 482, 1271-1277. | 2.1 | 12 |
| 17 | RHEB1 insufficiency in aged male mice is associated with stress-induced seizures. GeroScience, 2017, 39, 557-570. | 4.6 | 9 |
| 18 | Otub1 stabilizes MDMX and promotes its proapoptotic function at the mitochondria. Oncotarget, 2017, 8, 11053-11062. | 1.8 | 29 |

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|---|---|---|---|
| 19 | p73 to the rescue: Role of RPL26. Oncotarget, 2017, 8, 5641-5642. | 1.8 | 0 |
| 20 | Abstract LB-322:MicroRNA-130a suppresses breast cancer cell migration and invasion by targeting FOSL1 and upregulating ZO-1. , 2017, , . | | 0 |
| 21 | Ribosomal protein L4 is a novel regulator of the MDM2-p53 loop. Oncotarget, 2016, 7, 16217-16226. | 1.8 | 38 |
| 22 | The nucleolar ubiquitin-specific protease USP36 deubiquitinates and stabilizes c-Myc. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3734-3739. | 7.1 | 160 |
| 23 | Deubiquitinating c-Myc: USP36 steps up in the nucleolus. Cell Cycle, 2015, 14, 3786-3793. | 2.6 | 31 |
| 24 | Identification and Characterization of Nuclear and Nucleolar Localization Signals in the Adeno-Associated Virus Serotype 2 Assembly-Activating Protein. Journal of Virology, 2015, 89, 3038-3048. | 3.4 | 32 |
| 25 | MicroRNA-130a associates with ribosomal protein L11 to suppress c-Myc expression in response to UV irradiation. Oncotarget, 2015, 6, 1101-1114. | 1.8 | 24 |
| 26 | Abstract LB-074: The nucleolar ubiquitin-specific protease USP36 deubiquitinates and stabilizes c-Myc. , 2015, , . | | 1 |
| 27 | Monoubiquitination Is Critical for Ovarian Tumor Domain-containing Ubiquitin Aldehyde Binding Protein 1 (Otub1) to Suppress UbcH5 Enzyme and Stabilize p53 Protein. Journal of Biological Chemistry, 2014, 289, 5097-5108. | 3.4 | 45 |
| 28 | Growth inhibitory effects of large subunit ribosomal proteins in melanoma. Pigment Cell and Melanoma Research, 2014, 27, 801-812. | 3.3 | 20 |
| 29 | Deubiquitinating enzyme regulation of the p53 pathway: A lesson from Otub1. World Journal of Biological Chemistry, 2014, 5, 75-84. | 4.3 | 35 |
| 30 | Abstract LB-308: Monoubiquitination is critical for Otub1 to suppress UbcH5 and stabilize p53. , 2014, , . | | 0 |
| 31 | Targeting the Ubiquitin-Mediated Proteasome Degradation of p53 for Cancer Therapy. Current Pharmaceutical Design, 2013, 19, 3248-3262. | 1.9 | 47 |
| 32 | Ubiquitin- and MDM2 E3 Ligase-independent Proteasomal Turnover of Nucleostemin in Response to GTP Depletion. Journal of Biological Chemistry, 2012, 287, 10013-10020. | 3.4 | 19 |
| 33 | Physical and Functional Interaction between Ribosomal Protein L11 and the Tumor Suppressor ARF. Journal of Biological Chemistry, 2012, 287, 17120-17129. | 3.4 | 29 |
| 34 | Positive regulation of p53 stability and activity by the deubiquitinating enzyme Otubain 1. EMBO Journal, 2012, 31, 576-592. | 7.8 | 170 |
| 35 | HIF1Î± Protein Stability Is Increased by Acetylation at Lysine 709. Journal of Biological Chemistry, 2012, 287, 35496-35505. | 3.4 | 123 |
| 36 | Ribosomal Protein L11 Recruits miR-24/miRISC To Repress c-Myc Expression in Response to Ribosomal Stress. Molecular and Cellular Biology, 2011, 31, 4007-4021. | 2.3 | 95 |

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|---|---|---|---|
| 37 | Interplay between Ribosomal Protein S27a and MDM2 Protein in p53 Activation in Response to Ribosomal Stress. Journal of Biological Chemistry, 2011, 286, 22730-22741. | 3.4 | 86 |
| 38 | Abstract 3087: Regulation of p53 stability and activity by ribosomal protein S27a. , 2011, , . | | 2 |
| 39 | Ribosomal Protein L11 Associates with c-Myc at 5 S rRNA and tRNA Genes and Regulates Their Expression. Journal of Biological Chemistry, 2010, 285, 12587-12594. | 3.4 | 52 |
| 40 | Perturbation of 60 S Ribosomal Biogenesis Results in Ribosomal Protein L5- and L11-dependent p53 Activation. Journal of Biological Chemistry, 2010, 285, 25812-25821. | 3.4 | 73 |
| 41 | Ribosomal protein L11 associates with c-Myc at 5 S rRNA and tRNA genes and regulates their expression.. Journal of Biological Chemistry, 2010, 285, 39574. | 3.4 | 0 |
| 42 | Inhibition of c-Myc activity by ribosomal protein L11. EMBO Journal, 2009, 28, 993-993. | 7.8 | 1 |
| 43 | Crosstalk between câ€Myc and ribosome in ribosomal biogenesis and cancer. Journal of Cellular Biochemistry, 2008, 105, 670-677. | 2.6 | 113 |
| 44 | Mycophenolic Acid Activation of p53 Requires Ribosomal Proteins L5 and L11. Journal of Biological Chemistry, 2008, 283, 12387-12392. | 3.4 | 101 |
| 45 | Aberrant Expression of Nucleostemin Activates p53 and Induces Cell Cycle Arrest via Inhibition of MDM2. Molecular and Cellular Biology, 2008, 28, 4365-4376. | 2.3 | 155 |
| 46 | p53 Tumor Suppressor Opens Gateways for Cancer Therapy. , 2008, , . | | 0 |
| 47 | 5-Fluorouracil Activation of p53 Involves an MDM2-Ribosomal Protein Interaction. Journal of Biological Chemistry, 2007, 282, 8052-8059. | 3.4 | 178 |
| 48 | Feedback Regulation of c-Myc by Ribosomal Protein L11. Cell Cycle, 2007, 6, 2735-2741. | 2.6 | 55 |
| 49 | Inhibition of c-Myc activity by ribosomal protein L11. EMBO Journal, 2007, 26, 3332-3345. | 7.8 | 168 |
| 50 | Balance of Yin and Yang: Ubiquitylation-Mediated Regulation of p53 and c-Myc. Neoplasia, 2006, 8, 630-644. | 5.3 | 75 |
| 51 | 14-3-3Î³ binds to MDMX that is phosphorylated by UV-activated Chk1, resulting in p53 activation. EMBO Journal, 2006, 25, 1207-1218. | 7.8 | 113 |
| 52 | 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 |
| 53 | Ribosomal Stress Couples the Unfolded Protein Response to p53-dependent Cell Cycle Arrest. Journal of Biological Chemistry, 2006, 281, 30036-30045. | 3.4 | 105 |
| 54 | Nucleophosmin Is Essential for Ribosomal Protein L5 Nuclear Export. Molecular and Cellular Biology, 2006, 26, 3798-3809. | 2.3 | 191 |

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|---|---|---|---|
| 55 | Ribosomal Protein L23 Activates p53 by Inhibiting MDM2 Function in Response to Ribosomal Perturbation but Not to Translation Inhibition. Molecular and Cellular Biology, 2004, 24, 7654-7668. | 2.3 | 444 |
| 56 | SSRP1 functions as a co-activator of the transcriptional activator p63. EMBO Journal, 2004, 23, 1679-1679. | 7.8 | 1 |
| 57 | Inhibition of MDM2-mediated p53 Ubiquitination and Degradation by Ribosomal Protein L5. Journal of Biological Chemistry, 2004, 279, 44475-44482. | 3.4 | 464 |
| 58 | Identification and characterization of a novel Drosophila melanogaster glutathione S-transferase-containing FLYWCH zinc finger protein. Gene, 2004, 342, 49-56. | 2.2 | 17 |
| 59 | MDM2 promotes p21waf1/cip1 proteasomal turnover independently of ubiquitylation. EMBO Journal, 2003, 22, 6365-6377. | 7.8 | 180 |
| 60 | MDM2 Inhibits PCAF (p300/CREB-binding Protein-associated Factor)-mediated p53 Acetylation. Journal of Biological Chemistry, 2002, 277, 30838-30843. | 3.4 | 75 |
| 61 | The Effects of the Fanconi Anemia Zinc Finger (FAZF) on Cell Cycle, Apoptosis, and Proliferation Are Differentiation Stage-specific. Journal of Biological Chemistry, 2002, 277, 26327-26334. | 3.4 | 33 |
| 62 | SSRP1 functions as a co-activator of the transcriptional activator p63. EMBO Journal, 2002, 21, 5487-5497. | 7.8 | 81 |
| 63 | An expansion phase precedes terminal erythroid differentiation of hematopoietic progenitor cells from cord blood in vitro and is associated with up-regulation of cyclin E and cyclin-dependent kinase 2. Blood, 2000, 96, 3985-3987. | 1.4 | 29 |
| 64 | Enhancing effects of co-transduction of both human erythropoietin receptor and c-kitcDNAs into hematopoietic stem/progenitor cells from cord blood on proliferation and differentiation of erythroid progenitors. Cytokines, Cellular & Molecular Therapy, 2000, 6, 1-8. | 0.3 | 4 |
| 65 | Differentially Expressed Genes During In Vitro Differentiation of Murine Embryonic Stem Cells Transduced with a Human Erythropoietin Receptor cDNA. Journal of Hematotherapy and Stem Cell Research, 2000, 9, 651-658. | 1.8 | 17 |
| 66 | Co-transduction of cDNAs forc-kitand Steel Factor into Single CD34+Cord Blood Cells Further Enhances the Growth of Erythroid and Multipotential Progenitors. Journal of Hematotherapy and Stem Cell Research, 2000, 9, 813-825. | 1.8 | 7 |
| 67 | Introduction of human erythropoietin receptor complementary DNA by retrovirus-mediated gene transfer into murine embryonic stem cells enhances erythropoiesis in developing embryoid bodies. Biology of Blood and Marrow Transplantation, 2000, 6, 395-407. | 2.0 | 5 |
| 68 | An expansion phase precedes terminal erythroid differentiation of hematopoietic progenitor cells from cord blood in vitro and is associated with up-regulation of cyclin E and cyclin-dependent kinase 2. Blood, 2000, 96, 3985-3987. | 1.4 | 1 |