

Jianyuan Luo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/505884/publications.pdf>

Version: 2024-02-01

63
papers

9,638
citations

147801

31
h-index

123424

61
g-index

64
all docs

64
docs citations

64
times ranked

12180
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Protein post-translational modifications in the regulation of cancer hallmarks. <i>Cancer Gene Therapy</i> , 2023, 30, 529-547. | 4.6 | 21 |
| 2 | NAT10 regulates mitotic cell fate by acetylating Eg5 to control bipolar spindle assembly and chromosome segregation. <i>Cell Death and Differentiation</i> , 2022, 29, 846-860. | 11.2 | 15 |
| 3 | Oxidative stress-CBP axis modulates MOB1 acetylation and activates the Hippo signaling pathway. <i>Nucleic Acids Research</i> , 2022, 50, 3817-3834. | 14.5 | 22 |
| 4 | Exosomal microRNAs induce tumor-associated macrophages via PPAR β during tumor progression in SHH medulloblastoma. <i>Cancer Letters</i> , 2022, 535, 215630. | 7.2 | 12 |
| 5 | Identification of diagnostic markers and lipid dysregulation in oesophageal squamous cell carcinoma through lipidomic analysis and machine learning. <i>British Journal of Cancer</i> , 2021, 125, 351-357. | 6.4 | 10 |
| 6 | Quantitative proteomic analysis of aberrant expressed lysine acetylation in gastrointestinal stromal tumors. <i>Clinical Proteomics</i> , 2021, 18, 16. | 2.1 | 1 |
| 7 | PYCR, a key enzyme in proline metabolism, functions in tumorigenesis. <i>Amino Acids</i> , 2021, 53, 1841-1850. | 2.7 | 21 |
| 8 | Regulation of Rothmund-Thomson syndrome protein RecQL4 functions in DNA replication by SIRT1-mediated deacetylation. <i>Genome Instability & Disease</i> , 2021, 2, 240-252. | 1.1 | 0 |
| 9 | The deubiquitinase USP11 regulates cell proliferation and ferroptotic cell death via stabilization of NRF2 USP11 deubiquitinates and stabilizes NRF2. <i>Oncogene</i> , 2021, 40, 1706-1720. | 5.9 | 43 |
| 10 | Deacetylation of HSD17B10 by SIRT3 regulates cell growth and cell resistance under oxidative and starvation stresses. <i>Cell Death and Disease</i> , 2020, 11, 563. | 6.3 | 12 |
| 11 | MIB1-mediated degradation of WRN promotes cellular senescence in response to camptothecin treatment. <i>FASEB Journal</i> , 2020, 34, 11488-11497. | 0.5 | 11 |
| 12 | SIRT7 Deacetylates STRAP to Regulate p53 Activity and Stability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4122. | 4.1 | 13 |
| 13 | <scp>SIRT</scp> 2-dependent <scp>IDH</scp> 1 deacetylation inhibits colorectal cancer and liver metastases. <i>EMBO Reports</i> , 2020, 21, e48183. | 4.5 | 67 |
| 14 | Citrate synthase desuccinylation by SIRT5 promotes colon cancer cell proliferation and migration. <i>Biological Chemistry</i> , 2020, 401, 1031-1039. | 2.5 | 26 |
| 15 | C1QBP Promotes Homologous Recombination by Stabilizing MRE11 and Controlling the Assembly and Activation of MRE11/RAD50/NBS1 Complex. <i>Molecular Cell</i> , 2019, 75, 1299-1314.e6. | 9.7 | 49 |
| 16 | SIRT3 regulates cancer cell proliferation through deacetylation of PYCR1 in proline metabolism. <i>Neoplasia</i> , 2019, 21, 665-675. | 5.3 | 42 |
| 17 | Acetylation of PHF5A Modulates Stress Responses and Colorectal Carcinogenesis through Alternative Splicing-Mediated Upregulation of KDM3A. <i>Molecular Cell</i> , 2019, 74, 1250-1263.e6. | 9.7 | 53 |
| 18 | SIRT4 regulates PTEN stability through IDE in response to cellular stresses. <i>FASEB Journal</i> , 2019, 33, 5535-5547. | 0.5 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | MDM2-mediated degradation of WRN promotes cellular senescence in a p53-independent manner. <i>Oncogene</i> , 2019, 38, 2501-2515. | 5.9 | 19 |
| 20 | SHMT2 Desuccinylation by SIRT5 Drives Cancer Cell Proliferation. <i>Cancer Research</i> , 2018, 78, 372-386. | 0.9 | 150 |
| 21 | Sirtuin 7-mediated deacetylation of WD repeat domain 77 (WDR77) suppresses cancer cell growth by reducing WDR77/PRMT5 transmethylase complex activity. <i>Journal of Biological Chemistry</i> , 2018, 293, 17769-17779. | 3.4 | 24 |
| 22 | Deacetylation of NAT10 by Sirt1 promotes the transition from rRNA biogenesis to autophagy upon energy stress. <i>Nucleic Acids Research</i> , 2018, 46, 9601-9616. | 14.5 | 64 |
| 23 | Increased Amino Acid Uptake Supports Autophagy-Deficient Cell Survival upon Glutamine Deprivation. <i>Cell Reports</i> , 2018, 23, 3006-3020. | 6.4 | 37 |
| 24 | Long non-coding RNA p10247, high expressed in breast cancer (lncRNA-BCHE), is correlated with metastasis. <i>Clinical and Experimental Metastasis</i> , 2018, 35, 109-121. | 3.3 | 21 |
| 25 | Pregnane X receptor regulates the AhR/Cyp1A1 pathway and protects liver cells from benzo-[a]pyrene-induced DNA damage. <i>Toxicology Letters</i> , 2017, 275, 67-76. | 0.8 | 27 |
| 26 | miR-22 Inhibits CD34 ⁺ Cell Expansion Through Decreasing β -Catenin in Osteoblasts. <i>Human Gene Therapy</i> , 2017, 28, 135-145. | 2.7 | 2 |
| 27 | Acetylation of BLM protein regulates its function in response to DNA damage. <i>RSC Advances</i> , 2017, 7, 55301-55308. | 3.6 | 4 |
| 28 | Downregulation of SIRT7 by 5-fluorouracil induces radiosensitivity in human colorectal cancer. <i>Theranostics</i> , 2017, 7, 1346-1359. | 10.0 | 59 |
| 29 | NAT10 regulates p53 activation through acetylating p53 at K120 and ubiquitinating Mdm2. <i>EMBO Reports</i> , 2016, 17, 349-366. | 4.5 | 116 |
| 30 | Global-scale profiling of differential expressed lysine acetylated proteins in colorectal cancer tumors and paired liver metastases. <i>Journal of Proteomics</i> , 2016, 142, 24-32. | 2.4 | 28 |
| 31 | PCAF-mediated acetylation of transcriptional factor HOXB9 suppresses lung adenocarcinoma progression by targeting oncogenic protein JMJD6. <i>Nucleic Acids Research</i> , 2016, 44, 10662-10675. | 14.5 | 62 |
| 32 | Parkin Regulates the Activity of Pyruvate Kinase M2. <i>Journal of Biological Chemistry</i> , 2016, 291, 10307-10317. | 3.4 | 85 |
| 33 | USP11 Is a Negative Regulator to γ -H2AX Ubiquitylation by RNF8/RNF168. <i>Journal of Biological Chemistry</i> , 2016, 291, 959-967. | 3.4 | 53 |
| 34 | Acetylation of FOXM1 is essential for its transactivation and tumor growth stimulation. <i>Oncotarget</i> , 2016, 7, 60366-60382. | 1.8 | 19 |
| 35 | RBM15 Functions in Blood Diseases. <i>Current Cancer Drug Targets</i> , 2016, 16, 579-585. | 1.6 | 19 |
| 36 | miR-17 promotes expansion and adhesion of human cord blood CD34 ⁺ cells in vitro. <i>Stem Cell Research and Therapy</i> , 2015, 6, 168. | 5.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | SIRT5, functions in cellular metabolism with a multiple enzymatic activities. <i>Science China Life Sciences</i> , 2015, 58, 912-914. | 4.9 | 13 |
| 38 | Regulation of Histone Acetyltransferase TIP60 Function by Histone Deacetylase 3. <i>Journal of Biological Chemistry</i> , 2014, 289, 33878-33886. | 3.4 | 26 |
| 39 | Tumor suppressor p53 cooperates with SIRT6 to regulate gluconeogenesis by promoting FoxO1 nuclear exclusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10684-10689. | 7.1 | 193 |
| 40 | Acetylation of Werner syndrome protein (WRN): relationships with DNA damage, DNA replication and DNA metabolic activities. <i>Biogerontology</i> , 2014, 15, 347-366. | 3.9 | 11 |
| 41 | The Batten disease gene CLN3 confers resistance to endoplasmic reticulum stress induced by tunicamycin. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 115-120. | 2.1 | 12 |
| 42 | MiR-17 Partly Promotes Hematopoietic Cell Expansion through Augmenting HIF-1 α in Osteoblasts. <i>PLoS ONE</i> , 2013, 8, e70232. | 2.5 | 14 |
| 43 | The Role of SIRT1 in Tumorigenesis. <i>North American Journal of Medicine & Science</i> , 2011, 4, 104. | 3.8 | 36 |
| 44 | SIRT1 and p53, effect on cancer, senescence and beyond. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 1684-1689. | 2.3 | 256 |
| 45 | Acetylation of WRN Protein Regulates Its Stability by Inhibiting Ubiquitination. <i>PLoS ONE</i> , 2010, 5, e10341. | 2.5 | 49 |
| 46 | SIRT1 Regulates UV-Induced DNA Repair through Deacetylating XPA. <i>Molecular Cell</i> , 2010, 39, 247-258. | 9.7 | 195 |
| 47 | WRN Protein and Werner Syndrome. <i>North American Journal of Medicine & Science</i> , 2010, 3, 205. | 3.8 | 9 |
| 48 | SIRTING through Breast Cancer Is Just a Survivin' Game. <i>Molecular Cell</i> , 2008, 32, 159-160. | 9.7 | 12 |
| 49 | Regulation of WRN Protein Cellular Localization and Enzymatic Activities by SIRT1-mediated Deacetylation. <i>Journal of Biological Chemistry</i> , 2008, 283, 7590-7598. | 3.4 | 159 |
| 50 | RecQ4 Facilitates UV Light-induced DNA Damage Repair through Interaction with Nucleotide Excision Repair Factor Xeroderma Pigmentosum Group A (XPA). <i>Journal of Biological Chemistry</i> , 2008, 283, 29037-29044. | 3.4 | 67 |
| 51 | Dynamics of the p53 Acetylation Pathway. <i>Novartis Foundation Symposium</i> , 2008, , 197-207. | 1.1 | 38 |
| 52 | SIRT1 transgenic mice show phenotypes resembling calorie restriction. <i>Aging Cell</i> , 2007, 6, 759-767. | 6.7 | 656 |
| 53 | Tip60-Dependent Acetylation of p53 Modulates the Decision between Cell-Cycle Arrest and Apoptosis. <i>Molecular Cell</i> , 2006, 24, 827-839. | 9.7 | 635 |
| 54 | Activation of Stat3 Sequence-specific DNA Binding and Transcription by p300/CREB-binding Protein-mediated Acetylation. <i>Journal of Biological Chemistry</i> , 2005, 280, 11528-11534. | 3.4 | 231 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Tumor Suppressor HIC1 Directly Regulates SIRT1 to Modulate p53-Dependent DNA-Damage Responses. <i>Cell</i> , 2005, 123, 437-448. | 28.9 | 591 |
| 56 | Acetylation of p53 augments its site-specific DNA binding both in vitro and in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2259-2264. | 7.1 | 381 |
| 57 | Direct Interactions between HIF-1 α and Mdm2 Modulate p53 Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 13595-13598. | 3.4 | 283 |
| 58 | Acetylation of p53 Inhibits Its Ubiquitination by Mdm2. <i>Journal of Biological Chemistry</i> , 2002, 277, 50607-50611. | 3.4 | 414 |
| 59 | Deubiquitination of p53 by HAUSP is an important pathway for p53 stabilization. <i>Nature</i> , 2002, 416, 648-653. | 27.8 | 913 |
| 60 | Negative Control of p53 by Sir2 α Promotes Cell Survival under Stress. <i>Cell</i> , 2001, 107, 137-148. | 28.9 | 2,014 |
| 61 | The function of PML in p53-dependent apoptosis. <i>Nature Cell Biology</i> , 2000, 2, 730-736. | 10.3 | 432 |
| 62 | Deacetylation of p53 modulates its effect on cell growth and apoptosis. <i>Nature</i> , 2000, 408, 377-381. | 27.8 | 754 |
| 63 | Acetylation dependent translocation of EWSR1 regulates CHK2 alternative splicing in response to DNA damage. <i>Oncogene</i> , 0, , . | 5.9 | 5 |