

Jianyuan Luo

List of Publications by Year in descending order

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63
papers

9,638
citations

147801

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docs citations

64
times ranked

12180
citing authors

#	ARTICLE	IF	CITATIONS
1	Negative Control of p53 by Sir2 \pm Promotes Cell Survival under Stress. <i>Cell</i> , 2001, 107, 137-148.	28.9	2,014
2	Deubiquitination of p53 by HAUSP is an important pathway for p53 stabilization. <i>Nature</i> , 2002, 416, 648-653.	27.8	913
3	Deacetylation of p53 modulates its effect on cell growth and apoptosis. <i>Nature</i> , 2000, 408, 377-381.	27.8	754
4	SIRT1 transgenic mice show phenotypes resembling calorie restriction. <i>Aging Cell</i> , 2007, 6, 759-767.	6.7	656
5	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
6	Tumor Suppressor HIC1 Directly Regulates SIRT1 to Modulate p53-Dependent DNA-Damage Responses. <i>Cell</i> , 2005, 123, 437-448.	28.9	591
7	The function of PML in p53-dependent apoptosis. <i>Nature Cell Biology</i> , 2000, 2, 730-736.	10.3	432
8	Acetylation of p53 Inhibits Its Ubiquitination by Mdm2. <i>Journal of Biological Chemistry</i> , 2002, 277, 50607-50611.	3.4	414
9	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
10	Direct Interactions between HIF-1 \pm and Mdm2 Modulate p53 Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 13595-13598.	3.4	283
11	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
12	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
13	SIRT1 Regulates UV-Induced DNA Repair through Deacetylating XPA. <i>Molecular Cell</i> , 2010, 39, 247-258.	9.7	195
14	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
15	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
16	SHMT2 Desuccinylation by SIRT5 Drives Cancer Cell Proliferation. <i>Cancer Research</i> , 2018, 78, 372-386.	0.9	150
17	<scp>NAT</scp> 10 regulates p53 activation through acetylating p53 at K120 and ubiquitinating Mdm2. <i>EMBO Reports</i> , 2016, 17, 349-366.	4.5	116
18	Parkin Regulates the Activity of Pyruvate Kinase M2. <i>Journal of Biological Chemistry</i> , 2016, 291, 10307-10317.	3.4	85

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19	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
20	<scp>SIRT</scp> 2â€dependent <scp>IDH</scp> 1 deacetylation inhibits colorectal cancer and liver metastases. <i>EMBO Reports</i> , 2020, 21, e48183.	4.5	67
21	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
22	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
23	Downregulation of SIRT7 by 5-fluorouracil induces radiosensitivity in human colorectal cancer. <i>Theranostics</i> , 2017, 7, 1346-1359.	10.0	59
24	USP11 Is a Negative Regulator to Î³H2AX Ubiquitylation by RNF8/RNF168. <i>Journal of Biological Chemistry</i> , 2016, 291, 959-967.	3.4	53
25	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
26	Acetylation of WRN Protein Regulates Its Stability by Inhibiting Ubiquitination. <i>PLoS ONE</i> , 2010, 5, e10341.	2.5	49
27	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
28	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
29	SIRT3 regulates cancer cell proliferation through deacetylation of PYCR1 in proline metabolism. <i>Neoplasia</i> , 2019, 21, 665-675.	5.3	42
30	Dynamics of the p53 Acetylation Pathway. <i>Novartis Foundation Symposium</i> , 2008, , 197-207.	1.1	38
31	Increased Amino Acid Uptake Supports Autophagy-Deficient Cell Survival upon Glutamine Deprivation. <i>Cell Reports</i> , 2018, 23, 3006-3020.	6.4	37
32	The Role of SIRT1 in Tumorigenesis. <i>North American Journal of Medicine & Science</i> , 2011, 4, 104.	3.8	36
33	SIRT4 regulates PTEN stability through IDE in response to cellular stresses. <i>FASEB Journal</i> , 2019, 33, 5535-5547.	0.5	30
34	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
35	Pregnane X receptor regulates the AhR/Cyp1A1 pathway and protects liver cells from benzo-[1±]-pyrene-induced DNA damage. <i>Toxicology Letters</i> , 2017, 275, 67-76.	0.8	27
36	Regulation of Histone Acetyltransferase TIP60 Function by Histone Deacetylase 3. <i>Journal of Biological Chemistry</i> , 2014, 289, 33878-33886.	3.4	26

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37	Citrate synthase desuccinylation by SIRT5 promotes colon cancer cell proliferation and migration. <i>Biological Chemistry</i> , 2020, 401, 1031-1039.	2.5	26
38	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
39	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
40	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
41	PYCR, a key enzyme in proline metabolism, functions in tumorigenesis. <i>Amino Acids</i> , 2021, 53, 1841-1850.	2.7	21
42	Protein post-translational modifications in the regulation of cancer hallmarks. <i>Cancer Gene Therapy</i> , 2023, 30, 529-547.	4.6	21
43	MDM2-mediated degradation of WRN promotes cellular senescence in a p53-independent manner. <i>Oncogene</i> , 2019, 38, 2501-2515.	5.9	19
44	Acetylation of FOXM1 is essential for its transactivation and tumor growth stimulation. <i>Oncotarget</i> , 2016, 7, 60366-60382.	1.8	19
45	RBM15 Functions in Blood Diseases. <i>Current Cancer Drug Targets</i> , 2016, 16, 579-585.	1.6	19
46	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
47	MiR-17 Partly Promotes Hematopoietic Cell Expansion through Augmenting HIF-1 α in Osteoblasts. <i>PLoS ONE</i> , 2013, 8, e70232.	2.5	14
48	SIRT5, functions in cellular metabolism with a multiple enzymatic activities. <i>Science China Life Sciences</i> , 2015, 58, 912-914.	4.9	13
49	SIRT7 Deacetylates STRAP to Regulate p53 Activity and Stability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4122.	4.1	13
50	SIRTING through Breast Cancer Is Just a Survivin' Game. <i>Molecular Cell</i> , 2008, 32, 159-160.	9.7	12
51	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
52	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
53	Exosomal microRNAs induce tumor-associated macrophages via PPAR γ during tumor progression in SHH medulloblastoma. <i>Cancer Letters</i> , 2022, 535, 215630.	7.2	12
54	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

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55	MIB1-mediated degradation of WRN promotes cellular senescence in response to camptothecin treatment. <i>FASEB Journal</i> , 2020, 34, 11488-11497.	0.5	11
56	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
57	WRN Protein and Werner Syndrome. <i>North American Journal of Medicine & Science</i> , 2010, 3, 205.	3.8	9
58	Acetylation dependent translocation of EWSR1 regulates CHK2 alternative splicing in response to DNA damage. <i>Oncogene</i> , 0, , .	5.9	5
59	Acetylation of BLM protein regulates its function in response to DNA damage. <i>RSC Advances</i> , 2017, 7, 55301-55308.	3.6	4
60	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
61	<i>miR-22</i> Inhibits CD34 ⁺ Cell Expansion Through Decreasing β -Catenin in Osteoblasts. <i>Human Gene Therapy</i> , 2017, 28, 135-145.	2.7	2
62	Quantitative proteomic analysis of aberrant expressed lysine acetylation in gastrointestinal stromal tumors. <i>Clinical Proteomics</i> , 2021, 18, 16.	2.1	1
63	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