

Jianyuan Luo

List of Publications by Year in descending order

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63
papers

9,638
citations

147566

31
h-index

123241

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.	2.2	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.	5.0	15
3	Oxidative stress-CBP axis modulates MOB1 acetylation and activates the Hippo signaling pathway. <i>Nucleic Acids Research</i> , 2022, 50, 3817-3834.	6.5	22
4	Exosomal microRNAs induce tumor-associated macrophages via PPAR β during tumor progression in SHH medulloblastoma. <i>Cancer Letters</i> , 2022, 535, 215630.	3.2	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.	2.9	10
6	Quantitative proteomic analysis of aberrant expressed lysine acetylation in gastrointestinal stromal tumors. <i>Clinical Proteomics</i> , 2021, 18, 16.	1.1	1
7	PYCR, a key enzyme in proline metabolism, functions in tumorigenesis. <i>Amino Acids</i> , 2021, 53, 1841-1850.	1.2	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.	0.5	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.	2.6	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.	2.7	12
11	MIB1-mediated degradation of WRN promotes cellular senescence in response to camptothecin treatment. <i>FASEB Journal</i> , 2020, 34, 11488-11497.	0.2	11
12	SIRT7 Deacetylates STRAP to Regulate p53 Activity and Stability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4122.	1.8	13
13	<sc>SIRT</sc> 2-dependent <sc>IDH</sc> 1 deacetylation inhibits colorectal cancer and liver metastases. <i>EMBO Reports</i> , 2020, 21, e48183.	2.0	67
14	Citrate synthase desuccinylation by SIRT5 promotes colon cancer cell proliferation and migration. <i>Biological Chemistry</i> , 2020, 401, 1031-1039.	1.2	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.	4.5	49
16	SIRT3 regulates cancer cell proliferation through deacetylation of PYCR1 in proline metabolism. <i>Neoplasia</i> , 2019, 21, 665-675.	2.3	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.	4.5	53
18	SIRT4 regulates PTEN stability through IDE in response to cellular stresses. <i>FASEB Journal</i> , 2019, 33, 5535-5547.	0.2	30

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19	MDM2-mediated degradation of WRN promotes cellular senescence in a p53-independent manner. <i>Oncogene</i> , 2019, 38, 2501-2515.	2.6	19
20	SHMT2 Desuccinylation by SIRT5 Drives Cancer Cell Proliferation. <i>Cancer Research</i> , 2018, 78, 372-386.	0.4	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.	1.6	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.	6.5	64
23	Increased Amino Acid Uptake Supports Autophagy-Deficient Cell Survival upon Glutamine Deprivation. <i>Cell Reports</i> , 2018, 23, 3006-3020.	2.9	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.	1.7	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.	0.4	27
26	miR-22 Inhibits CD34 ⁺ Cell Expansion Through Decreasing β -Catenin in Osteoblasts. <i>Human Gene Therapy</i> , 2017, 28, 135-145.	1.4	2
27	Acetylation of BLM protein regulates its function in response to DNA damage. <i>RSC Advances</i> , 2017, 7, 55301-55308.	1.7	4
28	Downregulation of SIRT7 by 5-fluorouracil induces radiosensitivity in human colorectal cancer. <i>Theranostics</i> , 2017, 7, 1346-1359.	4.6	59
29	NAT10 regulates p53 activation through acetylating p53 at K120 and ubiquitinating Mdm2. <i>EMBO Reports</i> , 2016, 17, 349-366.	2.0	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.	1.2	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.	6.5	62
32	Parkin Regulates the Activity of Pyruvate Kinase M2. <i>Journal of Biological Chemistry</i> , 2016, 291, 10307-10317.	1.6	85
33	USP11 Is a Negative Regulator to γ -H2AX Ubiquitylation by RNF8/RNF168. <i>Journal of Biological Chemistry</i> , 2016, 291, 959-967.	1.6	53
34	Acetylation of FOXM1 is essential for its transactivation and tumor growth stimulation. <i>Oncotarget</i> , 2016, 7, 60366-60382.	0.8	19
35	RBM15 Functions in Blood Diseases. <i>Current Cancer Drug Targets</i> , 2016, 16, 579-585.	0.8	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.	2.4	2

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37	SIRT5, functions in cellular metabolism with a multiple enzymatic activities. <i>Science China Life Sciences</i> , 2015, 58, 912-914.	2.3	13
38	Regulation of Histone Acetyltransferase TIP60 Function by Histone Deacetylase 3. <i>Journal of Biological Chemistry</i> , 2014, 289, 33878-33886.	1.6	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.	3.3	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.	2.0	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.	1.0	12
42	MiR-17 Partly Promotes Hematopoietic Cell Expansion through Augmenting HIF-1 α in Osteoblasts. <i>PLoS ONE</i> , 2013, 8, e70232.	1.1	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.	1.1	256
45	Acetylation of WRN Protein Regulates Its Stability by Inhibiting Ubiquitination. <i>PLoS ONE</i> , 2010, 5, e10341.	1.1	49
46	SIRT1 Regulates UV-Induced DNA Repair through Deacetylating XPA. <i>Molecular Cell</i> , 2010, 39, 247-258.	4.5	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.	4.5	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.	1.6	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.	1.6	67
51	Dynamics of the p53 Acetylation Pathway. <i>Novartis Foundation Symposium</i> , 2008, , 197-207.	1.2	38
52	SIRT1 transgenic mice show phenotypes resembling calorie restriction. <i>Aging Cell</i> , 2007, 6, 759-767.	3.0	656
53	Tip60-Dependent Acetylation of p53 Modulates the Decision between Cell-Cycle Arrest and Apoptosis. <i>Molecular Cell</i> , 2006, 24, 827-839.	4.5	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.	1.6	231

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55	Tumor Suppressor HIC1 Directly Regulates SIRT1 to Modulate p53-Dependent DNA-Damage Responses. <i>Cell</i> , 2005, 123, 437-448.	13.5	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.	3.3	381
57	Direct Interactions between HIF-1 α and Mdm2 Modulate p53 Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 13595-13598.	1.6	283
58	Acetylation of p53 Inhibits Its Ubiquitination by Mdm2. <i>Journal of Biological Chemistry</i> , 2002, 277, 50607-50611.	1.6	414
59	Deubiquitination of p53 by HAUSP is an important pathway for p53 stabilization. <i>Nature</i> , 2002, 416, 648-653.	13.7	913
60	Negative Control of p53 by Sir2 α Promotes Cell Survival under Stress. <i>Cell</i> , 2001, 107, 137-148.	13.5	2,014
61	The function of PML in p53-dependent apoptosis. <i>Nature Cell Biology</i> , 2000, 2, 730-736.	4.6	432
62	Deacetylation of p53 modulates its effect on cell growth and apoptosis. <i>Nature</i> , 2000, 408, 377-381.	13.7	754
63	Acetylation dependent translocation of EWSR1 regulates CHK2 alternative splicing in response to DNA damage. <i>Oncogene</i> , 0, , .	2.6	5