

Yue Xiong

List of Publications by Year in descending order

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100
papers

17,741
citations

26610

56
h-index

36008

97
g-index

102
all docs

102
docs citations

102
times ranked

25479
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor suppressor CEBPA interacts with and inhibits DNMT3A activity. <i>Science Advances</i> , 2022, 8, eabl5220.	4.7	11
2	Itaconate inhibits TET DNA dioxygenases to dampen inflammatory responses. <i>Nature Cell Biology</i> , 2022, 24, 353-363.	4.6	67
3	Loss of SIRT5 promotes bile acid-induced immunosuppressive microenvironment and hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2022, 77, 453-466.	1.8	50
4	Exploring Degradation of Mutant and Wild-Type Epidermal Growth Factor Receptors Induced by Proteolysis-Targeting Chimeras. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8416-8443.	2.9	10
5	Tumor-derived neomorphic mutations in ASXL1 impairs the BAP1-ASXL1-FOXK1/K2 transcription network. <i>Protein and Cell</i> , 2021, 12, 557-577.	4.8	14
6	Advancing targeted protein degradation for cancer therapy. <i>Nature Reviews Cancer</i> , 2021, 21, 638-654.	12.8	251
7	CBFB-MYH11 Fusion Sequesters RUNX1 in Cytoplasm to Prevent DNMT3A Recruitment to Target Genes in AML. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 675424.	1.8	6
8	Discovery of Potent and Selective Epidermal Growth Factor Receptor (EGFR) Bifunctional Small-Molecule Degraders. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1216-1232.	2.9	111
9	The Zscan4-Tet2 Transcription Nexus Regulates Metabolic Rewiring and Enhances Proteostasis to Promote Reprogramming. <i>Cell Reports</i> , 2020, 32, 107877.	2.9	22
10	USP15 suppresses tumor immunity via deubiquitylation and inactivation of TET2. <i>Science Advances</i> , 2020, 6, .	4.7	28
11	Targeting ferroptosis alleviates methionineâ€choline deficient (MCD)â€diet induced NASH by suppressing liver lipotoxicity. <i>Liver International</i> , 2020, 40, 1378-1394.	1.9	135
12	Tumour metabolites hinder DNA repair. <i>Nature</i> , 2020, 582, 492-494.	13.7	10
13	CRL4 ^{DCAF1/VprBP} E3 ubiquitin ligase controls ribosome biogenesis, cell proliferation, and development. <i>Science Advances</i> , 2020, 6, .	4.7	27
14	The oncometabolite 2-hydroxyglutarate produced by mutant IDH1 sensitizes cells to ferroptosis. <i>Cell Death and Disease</i> , 2019, 10, 755.	2.7	46
15	SIRT5 deficiency suppresses mitochondrial ATP production and promotes AMPK activation in response to energy stress. <i>PLoS ONE</i> , 2019, 14, e0211796.	1.1	40
16	Rapid diagnosis of IDH1-mutated gliomas by 2-HG detection with gas chromatography mass spectrometry. <i>Laboratory Investigation</i> , 2019, 99, 588-598.	1.7	16
17	ELP3 Acetyltransferase is phosphorylated and regulated by the oncogenic anaplastic lymphoma kinase (ALK). <i>Biochemical Journal</i> , 2019, 476, 2239-2254.	1.7	7
18	Impaired plasma membrane localization of ubiquitin ligase complex underlies 3-M syndrome development. <i>Journal of Clinical Investigation</i> , 2019, 129, 4393-4407.	3.9	14

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19	Tumor suppressor TET2 promotes cancer immunity and immunotherapy efficacy. <i>Journal of Clinical Investigation</i> , 2019, 129, 4316-4331.	3.9	143
20	<sc>SIRT</sc> 5 inhibits peroxisomal <sc>ACOX</sc> 1 to prevent oxidative damage and is downregulated in liver cancer. <i>EMBO Reports</i> , 2018, 19, .	2.0	171
21	Metabolism, Activity, and Targeting of D- and L-2-Hydroxyglutarates. <i>Trends in Cancer</i> , 2018, 4, 151-165.	3.8	160
22	Acetylation accumulates PFKFB3 in cytoplasm to promote glycolysis and protects cells from cisplatin-induced apoptosis. <i>Nature Communications</i> , 2018, 9, 508.	5.8	127
23	Metabolic reprogramming by PCK1 promotes TCA cataplerosis, oxidative stress and apoptosis in liver cancer cells and suppresses hepatocellular carcinoma. <i>Oncogene</i> , 2018, 37, 1637-1653.	2.6	125
24	Proteolysis Targeting Chimeras (PROTACs) of Anaplastic Lymphoma Kinase (ALK). <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 304-314.	2.6	165
25	SNIP1 Recruits TET2 to Regulate c-MYC Target Genes and Cellular DNA Damage Response. <i>Cell Reports</i> , 2018, 25, 1485-1500.e4.	2.9	63
26	Vpr Targets TET2 for Degradation by CRL4VprBP E3 Ligase to Sustain IL-6 Expression and Enhance HIV-1 Replication. <i>Molecular Cell</i> , 2018, 70, 961-970.e5.	4.5	77
27	<i>L2hgdh</i> Deficiency Accumulates <sc>l</sc>-2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	27
28	Endothelin Promotes Colorectal Tumorigenesis by Activating YAP/TAZ. <i>Cancer Research</i> , 2017, 77, 2413-2423.	0.4	63
29	CLOCK Acetylates ASS1 to Drive Circadian Rhythm of Ureagenesis. <i>Molecular Cell</i> , 2017, 68, 198-209.e6.	4.5	53
30	<sc>SIRT</sc>7 deacetylates <sc>DDB</sc>1 and suppresses the activity of the <sc>CRL</sc>4 E3 ligase complexes. <i>FEBS Journal</i> , 2017, 284, 3619-3636.	2.2	12
31	The antiobesity factor <sc>WDTC</sc>1 suppresses adipogenesis via the <sc>CRL</sc>4<sc>WDTC</sc>1 E3 ligase. <i>EMBO Reports</i> , 2016, 17, 638-647.	2.0	37
32	Thromboxane A2 Activates YAP/TAZ Protein to Induce Vascular Smooth Muscle Cell Proliferation and Migration. <i>Journal of Biological Chemistry</i> , 2016, 291, 18947-18958.	1.6	88
33	Destabilization of Fatty Acid Synthase by Acetylation Inhibits <i>De Novo</i> Lipogenesis and Tumor Cell Growth. <i>Cancer Research</i> , 2016, 76, 6924-6936.	0.4	92
34	Suffocation of gene expression. <i>Nature</i> , 2016, 537, 42-43.	18.7	4
35	Hepatitis B Virus X Protein Promotes Degradation of SMC5/6 to Enhance HBV Replication. <i>Cell Reports</i> , 2016, 16, 2846-2854.	2.9	235
36	Hypertension-associated C825T polymorphism impairs the function of GÎ²3 to target GRK2 ubiquitination. <i>Cell Discovery</i> , 2016, 2, 16005.	3.1	13

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37	<sc>SIRT</sc>5 promotes <sc>IDH</sc>2 desuccinylation and G6<sc>PD</sc> deglutarylation to enhance cellular antioxidant defense. EMBO Reports, 2016, 17, 811-822.	2.0	210
38	DCAF1 controls T-cell function via p53-dependent and -independent mechanisms. Nature Communications, 2016, 7, 10307.	5.8	27
39	Oncometabolite D-2-Hydroxyglutarate Inhibits ALKBH DNA Repair Enzymes and Sensitizes IDH Mutant Cells to Alkylating Agents. Cell Reports, 2015, 13, 2353-2361.	2.9	153
40	<sc>PARD</sc> 3 induces <sc>TAZ</sc> activation and cell growth by promoting <sc>LATS</sc> 1 and <sc>PP</sc> 1 interaction. EMBO Reports, 2015, 16, 975-985.	2.0	46
41	Insulin and mTOR Pathway Regulate HDAC3-Mediated Deacetylation and Activation of PKG1. PLoS Biology, 2015, 13, e1002243.	2.6	72
42	CRL4VprBP E3 Ligase Promotes Monoubiquitylation and Chromatin Binding of TET Dioxygenases. Molecular Cell, 2015, 57, 247-260.	4.5	90
43	WT1 Recruits TET2 to Regulate Its Target Gene Expression and Suppress Leukemia Cell Proliferation. Molecular Cell, 2015, 57, 662-673.	4.5	242
44	<sc>SIRT</sc> 3â€dependent <sc>GOT</sc> 2 acetylation status affects the malateâ€aspartate <sc>NADH</sc> shuttle activity and pancreatic tumor growth. EMBO Journal, 2015, 34, 1110-1125.	3.5	152
45	A Non-Canonical Function of GÎ² as a Subunit of E3 Ligase in Targeting GRK2ÂUbiquitylation. Molecular Cell, 2015, 58, 794-803.	4.5	30
46	Estrogen regulates Hippo signaling via GPER in breast cancer. Journal of Clinical Investigation, 2015, 125, 2123-2135.	3.9	179
47	D-2-hydroxyglutarate is essential for maintaining oncogenic property of mutant IDH-containing cancer cells but dispensable for cell growth. Oncotarget, 2015, 6, 8606-8620.	0.8	46
48	G-protein-coupled receptors regulate autophagy by ZBTB16-mediated ubiquitination and proteasomal degradation of Atg14L. ELife, 2015, 4, e06734.	2.8	80
49	TET-catalyzed 5-methylcytosine hydroxylation is dynamically regulated by metabolites. Cell Research, 2014, 24, 1017-1020.	5.7	51
50	The E3 ligase PARC mediates the degradation of cytosolic cytochrome c to promote survival in neurons and cancer cells. Science Signaling, 2014, 7, ra67.	1.6	61
51	The 3M Complex Maintains Microtubule and Genome Integrity. Molecular Cell, 2014, 54, 791-804.	4.5	61
52	Oxidative Stress Activates SIRT2 to Deacetylate and Stimulate Phosphoglycerate Mutase. Cancer Research, 2014, 74, 3630-3642.	0.4	124
53	Out of the F-box: Reawakening the Pancreas. Cell Stem Cell, 2014, 15, 111-112.	5.2	8
54	Regulation of G6PD acetylation by KAT9/SIRT2 modulates NADPH homeostasis and cell survival during oxidative stress. EMBO Journal, 2014, 33, 1304-20.	3.5	205

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55	CUL9 Mediates the Functions of the 3M Complex and Ubiquitylates Survivin to Maintain Genome Integrity. <i>Molecular Cell</i> , 2014, 54, 805-819.	4.5	60
56	NOTCH-induced aldehyde dehydrogenase 1A1 deacetylation promotes breast cancer stem cells. <i>Journal of Clinical Investigation</i> , 2014, 124, 5453-5465.	3.9	128
57	Acetylation Stabilizes ATP-Citrate Lyase to Promote Lipid Biosynthesis and Tumor Growth. <i>Molecular Cell</i> , 2013, 51, 506-518.	4.5	291
58	R-2-Hydroxyglutarate as the Key Effector of IDH Mutations Promoting Oncogenesis. <i>Cancer Cell</i> , 2013, 23, 274-276.	7.7	77
59	Nutrient Sensing, Metabolism, and Cell Growth Control. <i>Molecular Cell</i> , 2013, 49, 379-387.	4.5	285
60	Metabolic alteration in tumorigenesis. <i>Science China Life Sciences</i> , 2013, 56, 1067-1075.	2.3	19
61	VprBP binds full-length RAG1 and is required for B-cell development and V(D)J recombination fidelity. <i>EMBO Journal</i> , 2012, 31, 945-958.	3.5	34
62	<i>IDH1</i> and <i>IDH2</i> Mutations in Tumorigenesis: Mechanistic Insights and Clinical Perspectives. <i>Clinical Cancer Research</i> , 2012, 18, 5562-5571.	3.2	341
63	Mechanistic insights into the regulation of metabolic enzymes by acetylation. <i>Journal of Cell Biology</i> , 2012, 198, 155-164.	2.3	202
64	Alterations of metabolic genes and metabolites in cancer. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 370-380.	2.3	100
65	Acetylation Negatively Regulates Glycogen Phosphorylase by Recruiting Protein Phosphatase 1. <i>Cell Metabolism</i> , 2012, 15, 75-87.	7.2	110
66	The mechanisms of IDH mutations in tumorigenesis. <i>Cell Research</i> , 2012, 22, 1102-1104.	5.7	32
67	Inhibition of $\hat{\pm}$ -KG-dependent histone and DNA demethylases by fumarate and succinate that are accumulated in mutations of FH and SDH tumor suppressors. <i>Genes and Development</i> , 2012, 26, 1326-1338.	2.7	855
68	Regulation of Glycolysis and Gluconeogenesis by Acetylation of PKM and PEPCK. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2011, 76, 285-289.	2.0	93
69	Acetylation Targets the M2 Isoform of Pyruvate Kinase for Degradation through Chaperone-Mediated Autophagy and Promotes Tumor Growth. <i>Molecular Cell</i> , 2011, 42, 719-730.	4.5	479
70	Acetylation Regulates Gluconeogenesis by Promoting PEPCK1 Degradation via Recruiting the UBR5 Ubiquitin Ligase. <i>Molecular Cell</i> , 2011, 43, 33-44.	4.5	331
71	X-Linked Mental Retardation Gene CUL4B Targets Ubiquitylation of H3K4 Methyltransferase Component WDR5 and Regulates Neuronal Gene Expression. <i>Molecular Cell</i> , 2011, 43, 381-391.	4.5	102
72	Tumour suppressor SIRT3 deacetylates and activates manganese superoxide dismutase to scavenge ROS. <i>EMBO Reports</i> , 2011, 12, 534-541.	2.0	468

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73	Regulation of intermediary metabolism by protein acetylation. Trends in Biochemical Sciences, 2011, 36, 108-116.	3.7	323
74	Oncometabolite 2-Hydroxyglutarate Is a Competitive Inhibitor of $\hat{I}\pm$ -Ketoglutarate-Dependent Dioxygenases. Cancer Cell, 2011, 19, 17-30.	7.7	2,340
75	Chromatin regulation by CRL4 E3 ubiquitin ligases: CUL4B targets WDR5 ubiquitylation in the nucleus. Cell Cycle, 2011, 10, 4197-4198.	1.3	4
76	Cytoplasmic <i>CUL9/PARC</i> Ubiquitin Ligase Is a Tumor Suppressor and Promotes p53-Dependent Apoptosis. Cancer Research, 2011, 71, 2969-2977.	0.4	49
77	Regulation of Cellular Metabolism by Protein Lysine Acetylation. Science, 2010, 327, 1000-1004.	6.0	1,642
78	Targeting p21 Degradation Locally. Developmental Cell, 2010, 19, 641-643.	3.1	4
79	TEAD Transcription Factors Mediate the Function of TAZ in Cell Growth and Epithelial-Mesenchymal Transition. Journal of Biological Chemistry, 2009, 284, 13355-13362.	1.6	470
80	Lysine 88 Acetylation Negatively Regulates Ornithine Carbamoyltransferase Activity in Response to Nutrient Signals. Journal of Biological Chemistry, 2009, 284, 13669-13675.	1.6	55
81	CRL4s: the CUL4-RING E3 ubiquitin ligases. Trends in Biochemical Sciences, 2009, 34, 562-570.	3.7	351
82	Targeting protein ubiquitylation: DDB1 takes its RING off. Nature Cell Biology, 2009, 11, 379-381.	4.6	11
83	Glioma-Derived Mutations in <i>IDH1</i> Dominantly Inhibit IDH1 Catalytic Activity and Induce HIF-1 $\hat{I}\pm$. Science, 2009, 324, 261-265.	6.0	1,014
84	WD40 protein FBW5 promotes ubiquitination of tumor suppressor TSC2 by DDB1-CUL4-ROC1 ligase. Genes and Development, 2008, 22, 866-871.	2.7	135
85	<i>Arabidopsis</i> DDB1-CUL4 ASSOCIATED FACTOR1 Forms a Nuclear E3 Ubiquitin Ligase with DDB1 and CUL4 That Is Involved in Multiple Plant Developmental Processes. Plant Cell, 2008, 20, 1437-1455.	3.1	142
86	Human Immunodeficiency Virus Type 1 Vpr-Binding Protein VprBP, a WD40 Protein Associated with the DDB1-CUL4 E3 Ubiquitin Ligase, Is Essential for DNA Replication and Embryonic Development. Molecular and Cellular Biology, 2008, 28, 5621-5633.	1.1	76
87	TAZ Promotes Cell Proliferation and Epithelial-Mesenchymal Transition and Is Inhibited by the Hippo Pathway. Molecular and Cellular Biology, 2008, 28, 2426-2436.	1.1	805
88	The Cullin-ROC family of E3 Ubiquitin Ligases. FASEB Journal, 2008, 22, 401.1.	0.2	0
89	pRB family proteins are required for H3K27 trimethylation and Polycomb repression complexes binding to and silencing p16INK4a tumor suppressor gene. Genes and Development, 2007, 21, 49-54.	2.7	292
90	No exit strategy? No problem: APC inhibits beta-catenin inside the nucleus. Genes and Development, 2006, 20, 637-642.	2.7	9

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91	DDB1 functions as a linker to recruit receptor WD40 proteins to CUL4-ROC1 ubiquitin ligases. <i>Genes and Development</i> , 2006, 20, 2949-2954.	2.7	287
92	Assays for RING Family Ubiquitin Ligases. , 2005, 301, 037-046.		23
93	Targeted ubiquitination of CDT1 by the DDB1-CUL4A-ROC1 ligase in response to DNA damage. <i>Nature Cell Biology</i> , 2004, 6, 1003-1009.	4.6	322
94	Ribosomal Protein L11 Negatively Regulates Oncoprotein MDM2 and Mediates a p53-Dependent Ribosomal-Stress Checkpoint Pathway. <i>Molecular and Cellular Biology</i> , 2003, 23, 8902-8912.	1.1	488
95	p15PAF, a novel PCNA associated factor with increased expression in tumor tissues. <i>Oncogene</i> , 2001, 20, 484-489.	2.6	99
96	A p53 Amino-Terminal Nuclear Export Signal Inhibited by DNA Damage-Induced Phosphorylation. <i>Science</i> , 2001, 292, 1910-1915.	6.0	342
97	The CUL1 C-Terminal Sequence and ROC1 Are Required for Efficient Nuclear Accumulation, NEDD8 Modification, and Ubiquitin Ligase Activity of CUL1. <i>Molecular and Cellular Biology</i> , 2000, 20, 8185-8197.	1.1	10
98	Parathyroid Tumor Suppressor on 1p: Analysis of the p18 Cyclin-Dependent Kinase Inhibitor Gene As a Candidate. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 1330-1334.	3.1	41
99	Molecular analysis of the cyclin-dependent kinase inhibitor genes p15INK4b/MTS21, p16INK4/MTS1, p18 and p19 in human cancer cell lines. , 1996, 68, 605-611.		39
100	Purification and crystallization of cyclin-dependent kinase inhibitor p21. <i>Protein Science</i> , 1996, 5, 1928-1930.	3.1	4