Wei-Guo Zhu

List of Publications by Citations

158 papers	13,620 citations	44 h-index	115 g-index
164 ext. papers	15,966 ext. citations	8.9 avg, IF	5.84 L-index

#	Paper	IF	Citations
158	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
157	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
156	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
155	Cytosolic FoxO1 is essential for the induction of autophagy and tumour suppressor activity. *Nature Cell Biology*, **2010**, 12, 665-75	23.4	435
154	Acetylation of p53 at lysine 373/382 by the histone deacetylase inhibitor depsipeptide induces expression of p21(Waf1/Cip1). *Molecular and Cellular Biology*, **2006**, 26, 2782-90	4.8	236
153	Methylation of adjacent CpG sites affects Sp1/Sp3 binding and activity in the p21(Cip1) promoter. *Molecular and Cellular Biology*, **2003**, 23, 4056-65	4.8	225
152	The comet assay: a sensitive method for detecting DNA damage in individual cells. *Methods*, **2009**, 48, 46-53	4.6	216
151	The interaction of histone deacetylase inhibitors and DNA methyltransferase inhibitors in the treatment of human cancer cells. *Anti-Cancer Agents in Medicinal Chemistry*, **2003**, 3, 187-99		171
150	Tumor suppressor p53 cooperates with SIRT6 to regulate gluconeogenesis by promoting FoxO1 nuclear exclusion. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 10684-9	11.5	163
149	Surf the post-translational modification network of p53 regulation. *International Journal of Biological Sciences*, **2012**, 8, 672-84	11.2	159
148	Phosphate-induced autophagy counteracts vascular calcification by reducing matrix vesicle release. *Kidney International*, **2013**, 83, 1042-51	9.9	141
147	Applications of post-translational modifications of FoxO family proteins in biological functions. *Journal of Molecular Cell Biology*, **2011**, 3, 276-82	6.3	136
146	Autophagy Regulates Chromatin Ubiquitination in DNA Damage Response through Elimination of SQSTM1/p62. *Molecular Cell*, **2016**, 63, 34-48	17.6	135
145	A comprehensive search for DNA amplification in lung cancer identifies inhibitors of apoptosis cIAP1 and cIAP2 as candidate oncogenes. *Human Molecular Genetics*, **2003**, 12, 791-801	5.6	126
144	5-aza-2′-deoxycytidine activates the p53/p21Waf1/Cip1 pathway to inhibit cell proliferation. *Journal of Biological Chemistry*, **2004**, 279, 15161-6	5.4	123
143	Phosphoinositide-3-kinase and mitogen activated protein kinase signaling pathways mediate acute NGF sensitization of TRPV1. *Molecular and Cellular Neurosciences*, **2007**, 34, 689-700	4.8	122
142	FOXO3 induces FOXO1-dependent autophagy by activating the AKT1 signaling pathway. *Autophagy* , **2012**, 8, 1712-23	10.2	116

141	Transcription-independent ARF regulation in oncogenic stress-mediated p53 responses. *Nature*, **2010**, 464, 624-7	50.4	114
140	SIRT7 antagonizes TGF-β signaling and inhibits breast cancer metastasis. *Nature Communications*, **2017**, 8, 318	17.4	111
139	Acetylation-regulated interaction between p53 and SET reveals a widespread regulatory mode. *Nature*, **2016**, 538, 118-122	50.4	110
138	Targeting histone deacetylases for cancer therapy: from molecular mechanisms to clinical implications. *International Journal of Biological Sciences*, **2014**, 10, 757-70	11.2	104
137	Histone deacetylase inhibitor depsipeptide activates silenced genes through decreasing both CpG and H3K9 methylation on the promoter. *Molecular and Cellular Biology*, **2008**, 28, 3219-35	4.8	104
136	Sirtuins in glucose and lipid metabolism. *Oncotarget*, **2017**, 8, 1845-1859	3.3	103
135	Increased expression of unmethylated CDKN2D by 5-aza-2′deoxycytidine in human lung cancer cells. *Oncogene*, **2001**, 20, 7787-96	9.2	101
134	Epigenetic regulation of autophagy by the methyltransferase EZH2 through an MTOR-dependent pathway. *Autophagy*, **2015**, 11, 2309-22	10.2	99
133	Methyltransferase Set7/9 regulates p53 activity by interacting with Sirtuin 1 (SIRT1). *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 1925-30	11.5	97
132	SHMT2 Desuccinylation by SIRT5 Drives Cancer Cell Proliferation. *Cancer Research*, **2018**, 78, 372-386	10.1	85
131	Acetylation of FoxO1 activates Bim expression to induce apoptosis in response to histone deacetylase inhibitor depsipeptide treatment. *Neoplasia*, **2009**, 11, 313-24	6.4	84
130	Methylation of SUV39H1 by SET7/9 results in heterochromatin relaxation and genome instability. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 5516-21	11.5	83
129	Social learning and amygdala disruptions in Nf1 mice are rescued by blocking p21-activated kinase. *Nature Neuroscience*, **2014**, 17, 1583-90	25.5	82
128	Expression of Pirh2, a newly identified ubiquitin protein ligase, in lung cancer. *Journal of the National Cancer Institute*, **2004**, 96, 1718-21	9.7	79
127	XBP-1u suppresses autophagy by promoting the degradation of FoxO1 in cancer cells. *Cell Research* , **2013**, 23, 491-507	24.7	78
126	Kindlin 2 forms a transcriptional complex with β-catenin and TCF4 to enhance Wnt signalling. *EMBO Reports*, **2012**, 13, 750-8	6.5	78
125	Long-term tumor resistance induced by laser photo-immunotherapy. *International Journal of Cancer* , **1999**, 81, 808-12	7.5	62
124	HDAC inhibitors act with 5-aza-2′deoxycytidine to inhibit cell proliferation by suppressing removal of incorporated abases in lung cancer cells. *PLoS ONE*, **2008**, 3, e2445	3.7	61

123	Global methylation profiling of lung cancer identifies novel methylated genes. *Neoplasia*, **2001**, 3, 314-23	6.4	60
122	A developmental switch in acute sensitization of small dorsal root ganglion (DRG) neurons to capsaicin or noxious heating by NGF. *Journal of Neurophysiology*, **2004**, 92, 3148-52	3.2	59
121	SIRT7-mediated ATM deacetylation is essential for its deactivation and DNA damage repair. *Science Advances*, **2019**, 5, eaav1118	14.3	54
120	p21Waf1/Cip1 plays a critical role in modulating senescence through changes of DNA methylation. *Journal of Cellular Biochemistry*, **2006**, 98, 1230-48	4.7	53
119	PCAF-mediated acetylation of transcriptional factor HOXB9 suppresses lung adenocarcinoma progression by targeting oncogenic protein JMJD6. *Nucleic Acids Research*, **2016**, 44, 10662-10675	20.1	50
118	ATM-mediated KDM2A phosphorylation is required for the DNA damage repair. *Oncogene*, **2016**, 35, 301-13	9.2	47
117	An ATM- and Rad3-related (ATR) signaling pathway and a phosphorylation-acetylation cascade are involved in activation of p53/p21Waf1/Cip1 in response to 5-aza-2′-deoxycytidine treatment. *Journal of Biological Chemistry*, **2008**, 283, 2564-74	5.4	46
116	MRE11 UFMylation promotes ATM activation. *Nucleic Acids Research*, **2019**, 47, 4124-4135	20.1	45
115	The HDAC inhibitor depsipeptide transactivates the p53/p21 pathway by inducing DNA damage. *DNA Repair*, **2012**, 11, 146-56	4.3	44
114	Downregulation of SIRT7 by 5-fluorouracil induces radiosensitivity in human colorectal cancer. *Theranostics*, **2017**, 7, 1346-1359	12.1	44
113	Characterization and prediction of lysine (K)-acetyl-transferase specific acetylation sites. *Molecular and Cellular Proteomics*, **2012**, 11, M111.011080	7.6	44
112	Bone morphogenetic protein 3B silencing in non-small-cell lung cancer. *Oncogene*, **2004**, 23, 3521-9	9.2	44
111	The Roles of Histone Deacetylases and Their Inhibitors in Cancer Therapy. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 576946	5.7	44
110	PCAF/GCN5-Mediated Acetylation of RPA1 Promotes Nucleotide Excision Repair. *Cell Reports*, **2017**, 20, 1997-2009	10.6	42
109	G9a coordinates with the RPA complex to promote DNA damage repair and cell survival. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E6054-E6063	11.5	42
108	Activin acutely sensitizes dorsal root ganglion neurons and induces hyperalgesia via PKC-mediated potentiation of transient receptor potential vanilloid I. *Journal of Neuroscience*, **2007**, 27, 13770-80	6.6	42
107	Proliferating cell nuclear antigen is protected from degradation by forming a complex with MutT Homolog2. *Journal of Biological Chemistry*, **2009**, 284, 19310-20	5.4	41
106	SET7/9 regulates cancer cell proliferation by influencing β-catenin stability. *FASEB Journal*, **2015**, 29, 4313-23	0.9	40

105	Phosphorylation of Pirh2 by calmodulin-dependent kinase II impairs its ability to ubiquitinate p53. *EMBO Journal*, **2007**, 26, 3062-74	13	40
104	Novel link between E2F1 and Smac/DIABLO: proapoptotic Smac/DIABLO is transcriptionally upregulated by E2F1. *Nucleic Acids Research*, **2006**, 34, 2046-55	20.1	39
103	Advances in Cellular Characterization of the Sirtuin Isoform, SIRT7. *Frontiers in Endocrinology*, **2018**, 9, 652	5.7	38
102	5-Fluorouracil targets histone acetyltransferases p300/CBP in the treatment of colorectal cancer. *Cancer Letters*, **2017**, 400, 183-193	9.9	37
101	A SIRT1-centered circuitry regulates breast cancer stemness and metastasis. *Oncogene*, **2018**, 37, 6299-6315	9.1	37
100	Destabilization of linker histone H1.2 is essential for ATM activation and DNA damage repair. *Cell Research*, **2018**, 28, 756-770	24.7	37
99	Histone H1 acetylation at lysine 85 regulates chromatin condensation and genome stability upon DNA damage. *Nucleic Acids Research*, **2018**, 46, 7716-7730	20.1	35
98	Anti-neoplastic activity of the cytosolic FoxO1 results from autophagic cell death. *Autophagy*, **2010**, 6, 988-90	10.2	35
97	Loss of FOXO1 Cooperates with TMPRSS2-ERG Overexpression to Promote Prostate Tumorigenesis and Cell Invasion. *Cancer Research*, **2017**, 77, 6524-6537	10.1	34
96	Ubiquitin-specific peptidase 7 (USP7)-mediated deubiquitination of the histone deacetylase SIRT7 regulates gluconeogenesis. *Journal of Biological Chemistry*, **2017**, 292, 13296-13311	5.4	34
95	Autophagy substrate SQSTM1/p62 regulates chromatin ubiquitination during the DNA damage response. *Autophagy*, **2017**, 13, 212-213	10.2	34
94	Ubiquitin-like modifications in the DNA damage response. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2017**, 803-805, 56-75	3.3	32
93	Histone modifications in DNA damage response. *Science China Life Sciences*, **2016**, 59, 257-70	8.5	31
92	Biological function and regulation of histone and non-histone lysine methylation in response to DNA damage. *Acta Biochimica Et Biophysica Sinica*, **2016**, 48, 603-16	2.8	30
91	Acetylation of 53BP1 dictates the DNA double strand break repair pathway. *Nucleic Acids Research*, **2018**, 46, 689-703	20.1	29
90	C1QBP Promotes Homologous Recombination by Stabilizing MRE11 and Controlling the Assembly and Activation of MRE11/RAD50/NBS1 Complex. *Molecular Cell*, **2019**, 75, 1299-1314.e6	17.6	29
89	Differential gene expression of neonatal and adult DRG neurons correlates with the differential sensitization of TRPV1 responses to nerve growth factor. *Neuroscience Letters*, **2011**, 500, 192-6	3.3	29
88	P21 response to DNA damage induced by genistein and etoposide in human lung cancer cells. *Biochemical and Biophysical Research Communications*, **2003**, 305, 950-6	3.4	28

87	Increased Amino Acid Uptake Supports Autophagy-Deficient Cell Survival upon Glutamine Deprivation. *Cell Reports*, **2018**, 23, 3006-3020	10.6	28
86	The regulation of the autophagic network and its implications for human disease. *International Journal of Biological Sciences*, **2013**, 9, 1121-33	11.2	27
85	Reduced expression of SET7/9, a histone mono-methyltransferase, is associated with gastric cancer progression. *Oncotarget*, **2016**, 7, 3966-83	3.3	27
84	HDAC8 cooperates with SMAD3/4 complex to suppress SIRT7 and promote cell survival and migration. *Nucleic Acids Research*, **2020**, 48, 2912-2923	20.1	26
83	SIRT3 regulates cancer cell proliferation through deacetylation of PYCR1 in proline metabolism. *Neoplasia*, **2019**, 21, 665-675	6.4	25
82	Acetylation of PHF5A Modulates Stress Responses and Colorectal Carcinogenesis through Alternative Splicing-Mediated Upregulation of KDM3A. *Molecular Cell*, **2019**, 74, 1250-1263.e6	17.6	25
81	Tracking the Correlation Between CpG Island Methylator Phenotype and Other Molecular Features and Clinicopathological Features in Human Colorectal Cancers: A Systematic Review and Meta-Analysis. *Clinical and Translational Gastroenterology*, **2016**, 7, e151	4.2	24
80	Regulation of histone acetyltransferase TIP60 function by histone deacetylase 3. *Journal of Biological Chemistry*, **2014**, 289, 33878-86	5.4	23
79	5-Aza-2Ŧdeoxycytidine reactivates gene expression via degradation of pRb pocket proteins. *FASEB Journal*, **2012**, 26, 449-59	0.9	23
78	Lung-specific expression of human mutant p53-273H is associated with a high frequency of lung adenocarcinoma in transgenic mice. *Oncogene*, **2002**, 21, 7831-8	9.2	22
77	SIRT6 coordinates with CHD4 to promote chromatin relaxation and DNA repair. *Nucleic Acids Research*, **2020**, 48, 2982-3000	20.1	21
76	The EZH2-PHACTR2-AS1-Ribosome Axis induces Genomic Instability and Promotes Growth and Metastasis in Breast Cancer. *Cancer Research*, **2020**, 80, 2737-2750	10.1	21
75	DNA Methylation in the Exon 1 Region and Complex Regulation of Twist1 Expression in Gastric Cancer Cells. *PLoS ONE*, **2015**, 10, e0145630	3.7	20
74	The changing face of HDAC inhibitor depsipeptide. *Current Cancer Drug Targets*, **2009**, 9, 91-100	2.8	20
73	Deficiency of hepatocystin induces autophagy through an mTOR-dependent pathway. *Autophagy*, **2011**, 7, 748-59	10.2	20
72	Mechanisms controlling the anti-neoplastic functions of FoxO proteins. *Seminars in Cancer Biology*, **2018**, 50, 101-114	12.7	20
71	The axis of MAPK1/3-XBP1u-FOXO1 controls autophagic dynamics in cancer cells. *Autophagy*, **2013**, 9, 794-6	10.2	19
70	p53 cooperates with SIRT6 to regulate cardiolipin de novo biosynthesis. *Cell Death and Disease*, **2018**, 9, 941	9.8	19

69	Autophagy process is associated with anti-neoplastic function. *Acta Biochimica Et Biophysica Sinica*, **2011**, 43, 425-32	2.8	18
68	Glucose-derived acetate and ACSS2 as key players in cisplatin resistance in bladder cancer. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2019**, 1864, 413-421	5	17
67	Sirtuins: nodes connecting aging, metabolism and tumorigenesis. *Current Pharmaceutical Design*, **2014**, 20, 1614-24	3.3	17
66	Synergy between SIRT1 and SIRT6 helps recognize DNA breaks and potentiates the DNA damage response and repair in humans and mice. *ELife*, **2020**, 9,	8.9	17
65	SIRT4 regulates PTEN stability through IDE in response to cellular stresses. *FASEB Journal*, **2019**, 33, 5535-5547	5.9	17
64	Epigenetic modification of PKM rescues aging-related cognitive impairment. *Scientific Reports*, **2016**, 6, 22096	4.9	16
63	GLP-catalyzed H4K16me1 promotes 53BP1 recruitment to permit DNA damage repair and cell survival. *Nucleic Acids Research*, **2019**, 47, 10977-10993	20.1	16
62	Dependence of Induction of Interphase Death of Chinese Hamster Ovary Cells Exposed to Accelerated Heavy Ions on Linear Energy Transfer. *Radiation Research*, **1997**, 148, 449	3.1	16
61	CBP mediated DOT1L acetylation confers DOT1L stability and promotes cancer metastasis. *Theranostics*, **2020**, 10, 1758-1776	12.1	16
60	SIRT7 activates p53 by enhancing PCAF-mediated MDM2 degradation to arrest the cell cycle. *Oncogene*, **2020**, 39, 4650-4665	9.2	15
59	ZD6474 induces growth arrest and apoptosis of GIST-T1 cells, which is enhanced by concomitant use of sunitinib. *Cancer Science*, **2006**, 97, 1404-9	6.9	15
58	Lamin B is a prompt heat shock protein. *Journal of Cellular Physiology*, **1999**, 178, 28-34	7	15
57	Quantitative proteome-based systematic identification of SIRT7 substrates. *Proteomics*, **2017**, 17, 1600325	4.8	14
56	MDM2-mediated degradation of WRN promotes cellular senescence in a p53-independent manner. *Oncogene*, **2019**, 38, 2501-2515	9.2	14
55	Sirtuin 7-mediated deacetylation of WD repeat domain 77 (WDR77) suppresses cancer cell growth by reducing WDR77/PRMT5 transmethylase complex activity. *Journal of Biological Chemistry*, **2018**, 293, 17769-17779	5.4	14
54	Lamin A buffers CK2 kinase activity to modulate aging in a progeria mouse model. *Science Advances* , **2019**, 5, eaav5078	14.3	13
53	The expression of chemokine receptors CXCR3 and CXCR4 in predicting postoperative tumour progression in stages I-II colon cancer: a retrospective study. *BMJ Open*, **2014**, 4, e005012	3	13
52	Systematic identification of Class I HDAC substrates. *Briefings in Bioinformatics*, **2014**, 15, 963-72	13.4	12

51	Promotion of heat-induced apoptosis in FM3A cells by protease inhibitors. *Biochemical and Biophysical Research Communications*, **1996**, 225, 924-31	3.4	12
50	PTK2-mediated degradation of ATG3 impedes cancer cells susceptible to DNA damage treatment. *Autophagy*, **2017**, 13, 579-591	10.2	11
49	Serine/Threonine Kinase Unc-51-like Kinase-1 (Ulk1) Phosphorylates the Co-chaperone Cell Division Cycle Protein 37 (Cdc37) and Thereby Disrupts the Stability of Cdc37 Client Proteins. *Journal of Biological Chemistry*, **2017**, 292, 2830-2841	5.4	11
48	Individualized dual antiplatelet therapy based on platelet function testing in patients undergoing percutaneous coronary intervention: a meta-analysis of randomized controlled trials. *BMC Cardiovascular Disorders*, **2017**, 17, 157	2.3	11
47	ULK1 phosphorylates Mad1 to regulate spindle assembly checkpoint. *Nucleic Acids Research*, **2019**, 47, 8096-8110	20.1	11
46	Angiotensin II reduces cardiac AdipoR1 expression through AT1 receptor/ROS/ERK1/2/c-Myc pathway. *PLoS ONE*, **2013**, 8, e49915	3.7	11
45	SIRT5, functions in cellular metabolism with a multiple enzymatic activities. *Science China Life Sciences*, **2015**, 58, 912-4	8.5	10
44	High-efficiency saturated red emission from binuclear cyclo-metalated platinum complex containing 5-(4-octyloxyphenyl)-1,3,4-oxadiazole-2-thiol ancillary ligand in PLED. *Science China Chemistry*, **2013**, 56, 1137-1142	7.9	10
43	Structural changes in exon 11 of MEF2A are not related to sporadic coronary artery disease in Han Chinese population. *European Journal of Clinical Investigation*, **2010**, 40, 669-77	4.6	10
42	PKC□Phosphorylates SIRT6 to Mediate Fatty Acid □Oxidation in Colon Cancer Cells. *Neoplasia*, **2019**, 21, 61-73	6.4	10
41	IKK□phosphorylates kindlin-2 to induce invadopodia formation and promote colorectal cancer metastasis. *Theranostics*, **2020**, 10, 2358-2373	12.1	9
40	Cocaine- and amphetamine-regulated transcript facilitates the neurite outgrowth in cortical neurons after oxygen and glucose deprivation through PTN-dependent pathway. *Neuroscience*, **2014**, 277, 103-10	3.9	9
39	The Batten disease gene CLN3 confers resistance to endoplasmic reticulum stress induced by tunicamycin. *Biochemical and Biophysical Research Communications*, **2014**, 447, 115-20	3.4	9
38	Identifying Human SIRT1 Substrates by Integrating Heterogeneous Information from Various Sources. *Scientific Reports*, **2017**, 7, 4614	4.9	9
37	A novel acridine derivative, LS-1-10 inhibits autophagic degradation and triggers apoptosis in colon cancer cells. *Cell Death and Disease*, **2017**, 8, e3086	9.8	9
36	Heat-induced modulation of lamin B content in two different cell lines. *Journal of Cellular Biochemistry*, **1999**, 75, 620-628	4.7	8
35	Molecular Mechanisms of Epigenetic Regulators as Activatable Targets in Cancer Theranostics. *Current Medicinal Chemistry*, **2019**, 26, 1328-1350	4.3	8
34	An unexpected role for p53 in regulating cancer cell-intrinsic PD-1 by acetylation. *Science Advances*, **2021**, 7,	14.3	8

33	UNG2 deacetylation confers cancer cell resistance to hydrogen peroxide-induced cytotoxicity. *Free Radical Biology and Medicine*, **2020**, 160, 403-417	7.8	7
32	Polo-like kinase 1 (PLK1)-dependent phosphorylation of methylenetetrahydrofolate reductase (MTHFR) regulates replication via histone methylation. *Cell Cycle*, **2017**, 16, 1933-1942	4.7	7
31	Linker Histone in Diseases. *International Journal of Biological Sciences*, **2017**, 13, 1008-1018	11.2	6
30	Autophagy-deficient tumor cells rely on extracellular amino acids to survive upon glutamine deprivation. *Autophagy*, **2018**, 14, 1652-1653	10.2	6
29	The transcription factor c-Fos coordinates with histone lysine-specific demethylase 2A to activate the expression of cyclooxygenase-2. *Oncotarget*, **2015**, 6, 34704-17	3.3	6
28	CDK5 Inhibition Abrogates TNBC Stem-Cell Property and Enhances Anti-PD-1 Therapy. *Advanced Science*, **2020**, 7, 2001417	13.6	6
27	MIB1-mediated degradation of WRN promotes cellular senescence in response to camptothecin treatment. *FASEB Journal*, **2020**, 34, 11488-11497	0.9	6
26	WDFY2 Potentiates Hepatic Insulin Sensitivity and Controls Endosomal Localization of the Insulin Receptor and IRS1/2. *Diabetes*, **2020**, 69, 1887-1902	0.9	5
25	SIRT7: a sentinel of genome stability. *Open Biology*, **2021**, 11, 210047	7	5
24	SETD2-mediated H3K14 trimethylation promotes ATR activation and stalled replication fork restart in response to DNA replication stress. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
23	Catalyst-free, visible-light-induced direct radical cross-coupling perfluoroalkylation of the imidazo[1,2-a]pyridines with perfluoroalkyl iodides. *New Journal of Chemistry*, **2021**, 45, 4925-4929	3.6	5
22	Xiaoxianggou attenuates atherosclerotic plaque formation in endogenous high Ang II ApoE(-/-) mice via the inhibition of miR-203 on the expression of Ets-2 in endothelial cells. *Biomedicine and Pharmacotherapy*, **2016**, 82, 173-9	7.5	4
21	RNF8-ubiquitinated KMT5A is required for RNF168-induced H2A ubiquitination in response to DNA damage. *FASEB Journal*, **2021**, 35, e21326	0.9	4
20	GATA3 functions downstream of BRCA1 to suppress EMT in breast cancer. *Theranostics*, **2021**, 11, 8218-8233	12.3	4
19	Histone lysine modifying enzymes and their critical roles in DNA double-strand break repair. *DNA Repair*, **2021**, 107, 103206	4.3	4
18	Regulation of p53 acetylation. *Science China Life Sciences*, **2017**, 60, 321-323	8.5	3
17	SIRT7 Deacetylates STRAP to Regulate p53 Activity and Stability. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
16	Methylation of FoxO3 regulates neuronal cell death. *Acta Pharmacologica Sinica*, **2012**, 33, 577	8	3

15	Regulation of DNA damage-induced ATM activation by histone modifications. *Genome Instability & Disease*, **2020**, 1, 20-33	2.3	3
14	TIP60 recruits SUV39H1 to chromatin to maintain heterochromatin genome stability and resist hydrogen peroxide-induced cytotoxicity. *Genome Instability & Disease*, **2020**, 1, 339-355	2.3	3
13	Deacetylation of HSD17B10 by SIRT3 regulates cell growth and cell resistance under oxidative and starvation stresses. *Cell Death and Disease*, **2020**, 11, 563	9.8	3
12	PDGFRβ is an essential therapeutic target for BRCA1-deficient mammary tumors. *Breast Cancer Research*, **2021**, 23, 10	8.3	3
11	Autophagy regulates DNA repair by modulating histone ubiquitination. *Molecular and Cellular Oncology*, **2016**, 3, e1214772	1.2	2
10	A specific assay for JmjC domain-containing lysine demethylase and its application to inhibitor screening. *Science China Life Sciences*, **2019**, 62, 1404-1408	8.5	1
9	Reply to Leithner et al.: Focus on phopshoenolpyruvate carboxykinase (PEPCK): a target of the p53-SIRT6-FoxO1 axis. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E4395	11.5	1
8	FOXO1 controls protein synthesis and transcript abundance of mutant polyglutamine proteins, preventing protein aggregation. *Human Molecular Genetics*, **2021**, 30, 996-1005	5.6	1
7	Intervening pyruvate carboxylase stunts tumor growth by strengthening anti-tumor actions of tumor-associated macrophages.. *Signal Transduction and Targeted Therapy*, **2022**, 7, 34	21	0
6	Loss of function of GATA3 induces basal-like mammary tumors.. *Theranostics*, **2022**, 12, 720-733	12.1	0
5	USP37 regulates DNA damage response through stabilizing and deubiquitinating BLM. *Nucleic Acids Research*, **2021**, 49, 11224-11240	20.1	0
4	Loss of function of BRCA1 promotes EMT in mammary tumors through activation of TGFβR2 signaling pathway.. *Cell Death and Disease*, **2022**, 13, 195	9.8	0
3	Biological function and regulation of histone 4 lysine 20 methylation in DNA damage response. *Genome Instability & Disease*, **2022**, 3, 33	2.3	
2	1H NMR-based assay for lysine demethylase LSD1 and its application to inhibitor screening. *Genome Instability & Disease*, **2021**, 2, 302	2.3	
1	G9a/GLP catalyzes H3K14me1 and H3K14me2 in vivo and in vitro.. *Science China Life Sciences*, **2022**, 1	8.5	