

Wei-Guo Zhu

List of Publications by Year in descending order

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159
papers

17,940
citations

34105

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h-index

13771

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164
all docs

164
docs citations

164
times ranked

32426
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662</i>	9.1	1,430
4	Cytosolic FoxO1 is essential for the induction of autophagy and tumour suppressor activity. <i>Nature Cell Biology</i> , 2010, 12, 665-675.	10.3	518
5	Acetylation of p53 at Lysine 373/382 by the Histone Deacetylase Inhibitor Depsipeptide Induces Expression of p21 Waf1/Cip1. <i>Molecular and Cellular Biology</i> , 2006, 26, 2782-2790.	2.3	265
6	The comet assay: A sensitive method for detecting DNA damage in individual cells. <i>Methods</i> , 2009, 48, 46-53.	3.8	256
7	Methylation of Adjacent CpG Sites Affects Sp1/Sp3 Binding and Activity in the p21Cip1 Promoter. <i>Molecular and Cellular Biology</i> , 2003, 23, 4056-4065.	2.3	243
8	The Interaction of Histone Deacetylase Inhibitors and DNA Methyltransferase Inhibitors in the Treatment of Human Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2003, 3, 187-199.	7.0	201
9	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
10	Surf the Post-translational Modification Network of p53 Regulation. <i>International Journal of Biological Sciences</i> , 2012, 8, 672-684.	6.4	185
11	Phosphate-induced autophagy counteracts vascular calcification by reducing matrix vesicle release. <i>Kidney International</i> , 2013, 83, 1042-1051.	5.2	177
12	Autophagy Regulates Chromatin Ubiquitination in DNA Damage Response through Elimination of SQSTM1/p62. <i>Molecular Cell</i> , 2016, 63, 34-48.	9.7	167
13	SIRT7 antagonizes TGF- β signaling and inhibits breast cancer metastasis. <i>Nature Communications</i> , 2017, 8, 318.	12.8	162
14	Acetylation-regulated interaction between p53 and SET reveals a widespread regulatory mode. <i>Nature</i> , 2016, 538, 118-122.	27.8	160
15	Applications of post-translational modifications of FoxO family proteins in biological functions. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 276-282.	3.3	155
16	FOXO3 induces FOXO1-dependent autophagy by activating the AKT1 signaling pathway. <i>Autophagy</i> , 2012, 8, 1712-1723.	9.1	153
17	SHMT2 Desuccinylation by SIRT5 Drives Cancer Cell Proliferation. <i>Cancer Research</i> , 2018, 78, 372-386.	0.9	150
18	Phosphoinositide-3-kinase and mitogen activated protein kinase signaling pathways mediate acute NGF sensitization of TRPV1. <i>Molecular and Cellular Neurosciences</i> , 2007, 34, 689-700.	2.2	142

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19	The Roles of Histone Deacetylases and Their Inhibitors in Cancer Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 576946.	3.7	142
20	Sirtuins in glucose and lipid metabolism. <i>Oncotarget</i> , 2017, 8, 1845-1859.	1.8	142
21	A comprehensive search for DNA amplification in lung cancer identifies inhibitors of apoptosis cIAP1 and cIAP2 as candidate oncogenes. <i>Human Molecular Genetics</i> , 2003, 12, 791-801.	2.9	141
22	5-Aza-2â€²-deoxycytidine Activates the p53/p21Waf1/Cip1 Pathway to Inhibit Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2004, 279, 15161-15166.	3.4	141
23	Transcription-independent ARF regulation in oncogenic stress-mediated p53 responses. <i>Nature</i> , 2010, 464, 624-627.	27.8	133
24	Targeting Histone Deacetylases for Cancer Therapy: From Molecular Mechanisms to Clinical Implications. <i>International Journal of Biological Sciences</i> , 2014, 10, 757-770.	6.4	133
25	Epigenetic regulation of autophagy by the methyltransferase EZH2 through an MTOR-dependent pathway. <i>Autophagy</i> , 2015, 11, 2309-2322.	9.1	129
26	Methyltransferase Set7/9 regulates p53 activity by interacting with Sirtuin 1 (SIRT1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1925-1930.	7.1	117
27	Histone Deacetylase Inhibitor Depsipeptide Activates Silenced Genes through Decreasing both CpG and H3K9 Methylation on the Promoter. <i>Molecular and Cellular Biology</i> , 2008, 28, 3219-3235.	2.3	112
28	Social learning and amygdala disruptions in Nf1 mice are rescued by blocking p21-activated kinase. <i>Nature Neuroscience</i> , 2014, 17, 1583-1590.	14.8	106
29	Increased expression of unmethylated CDKN2D by 5-aza-2â€²-deoxycytidine in human lung cancer cells. <i>Oncogene</i> , 2001, 20, 7787-7796.	5.9	105
30	Acetylation of FoxO1 Activates Bim Expression to Induce Apoptosis in Response to Histone Deacetylase Inhibitor Depsipeptide Treatment. <i>Neoplasia</i> , 2009, 11, 313-IN1.	5.3	102
31	Kindlin 2 forms a transcriptional complex with Î²â€²catenin and TCF4 to enhance Wnt signalling. <i>EMBO Reports</i> , 2012, 13, 750-758.	4.5	101
32	Methylation of SUV39H1 by SET7/9 results in heterochromatin relaxation and genome instability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5516-5521.	7.1	99
33	XBP-1u suppresses autophagy by promoting the degradation of FoxO1 in cancer cells. <i>Cell Research</i> , 2013, 23, 491-507.	12.0	92
34	SIRT7-mediated ATM deacetylation is essential for its deactivation and DNA damage repair. <i>Science Advances</i> , 2019, 5, eaav1118.	10.3	92
35	MRE11 UFMylation promotes ATM activation. <i>Nucleic Acids Research</i> , 2019, 47, 4124-4135.	14.5	91
36	Expression of Pirh2, a Newly Identified Ubiquitin Protein Ligase, in Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2004, 96, 1718-1721.	6.3	89

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37	Long-term tumor resistance induced by laser photo-immunotherapy. , 1999, 81, 808-812.		78
38	Global Methylation Profiling of Lung Cancer Identifies Novel Methylated Genes. Neoplasia, 2001, 3, 314-323.	5.3	76
39	Advances in Cellular Characterization of the Sirtuin Isoform, SIRT7. Frontiers in Endocrinology, 2018, 9, 652.	3.5	70
40	HDAC Inhibitors Act with 5-aza-2â€²-Deoxycytidine to Inhibit Cell Proliferation by Suppressing Removal of Incorporated Abases in Lung Cancer Cells. PLoS ONE, 2008, 3, e2445.	2.5	68
41	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, 3148-3152.	1.8	67
42	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.	7.1	64
43	SET7/9 regulates cancer cell proliferation by influencing β -catenin stability. FASEB Journal, 2015, 29, 4313-4323.	0.5	63
44	HDAC8 cooperates with SMAD3/4 complex to suppress SIRT7 and promote cell survival and migration. Nucleic Acids Research, 2020, 48, 2912-2923.	14.5	63
45	PCAF-mediated acetylation of transcriptional factor HOXB9 suppresses lung adenocarcinoma progression by targeting oncogenic protein JMJD6. Nucleic Acids Research, 2016, 44, 10662-10675.	14.5	62
46	ATM-mediated KDM2A phosphorylation is required for the DNA damage repair. Oncogene, 2016, 35, 301-313.	5.9	61
47	A SIRT1-centered circuitry regulates breast cancer stemness and metastasis. Oncogene, 2018, 37, 6299-6315.	5.9	61
48	PCAF/GCN5-Mediated Acetylation of RPA1 Promotes Nucleotide Excision Repair. Cell Reports, 2017, 20, 1997-2009.	6.4	60
49	Downregulation of SIRT7 by 5-fluorouracil induces radiosensitivity in human colorectal cancer. Theranostics, 2017, 7, 1346-1359.	10.0	59
50	Destabilization of linker histone H1.2 is essential for ATM activation and DNA damage repair. Cell Research, 2018, 28, 756-770.	12.0	59
51	p21Waf1/Cip1 plays a critical role in modulating senescence through changes of DNA methylation. Journal of Cellular Biochemistry, 2006, 98, 1230-1248.	2.6	57
52	Bone morphogenetic protein 3B silencing in non-small-cell lung cancer. Oncogene, 2004, 23, 3521-3529.	5.9	56
53	Histone H1 acetylation at lysine 85 regulates chromatin condensation and genome stability upon DNA damage. Nucleic Acids Research, 2018, 46, 7716-7730.	14.5	56
54	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-2â€²-deoxycytidine Treatment. Journal of Biological Chemistry, 2008, 283, 2564-2574.	3.4	53

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55	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
56	The HDAC inhibitor depsipeptide transactivates the p53/p21 pathway by inducing DNA damage. <i>DNA Repair</i> , 2012, 11, 146-156.	2.8	52
57	SIRT6 coordinates with CHD4 to promote chromatin relaxation and DNA repair. <i>Nucleic Acids Research</i> , 2020, 48, 2982-3000.	14.5	52
58	Loss of FOXO1 Cooperates with TMPRSS2-ERG Overexpression to Promote Prostate Tumorigenesis and Cell Invasion. <i>Cancer Research</i> , 2017, 77, 6524-6537.	0.9	51
59	5-Fluorouracil targets histone acetyltransferases p300/CBP in the treatment of colorectal cancer. <i>Cancer Letters</i> , 2017, 400, 183-193.	7.2	50
60	Characterization and Prediction of Lysine (K)-Acetyl-Transferase Specific Acetylation Sites. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.011080.	3.8	49
61	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
62	Synergy between SIRT1 and SIRT6 helps recognize DNA breaks and potentiates the DNA damage response and repair in humans and mice. <i>ELife</i> , 2020, 9, .	6.0	49
63	Activin Acutely Sensitizes Dorsal Root Ganglion Neurons and Induces Hyperalgesia via PKC-Mediated Potentiation of Transient Receptor Potential Vanilloid 1. <i>Journal of Neuroscience</i> , 2007, 27, 13770-13780.	3.6	48
64	Proliferating Cell Nuclear Antigen Is Protected from Degradation by Forming a Complex with MutT Homolog2. <i>Journal of Biological Chemistry</i> , 2009, 284, 19310-19320.	3.4	47
65	Ubiquitin-specific peptidase 7 (USP7)-mediated deubiquitination of the histone deacetylase SIRT7 regulates gluconeogenesis. <i>Journal of Biological Chemistry</i> , 2017, 292, 13296-13311.	3.4	47
66	The EZH2-PHACTR2-AS1-Ribosome Axis induces Genomic Instability and Promotes Growth and Metastasis in Breast Cancer. <i>Cancer Research</i> , 2020, 80, 2737-2750.	0.9	47
67	Acetylation of 53BP1 dictates the DNA double strand break repair pathway. <i>Nucleic Acids Research</i> , 2018, 46, 689-703.	14.5	45
68	Phosphorylation of Pirh2 by Calmodulin-dependent kinase II impairs its ability to ubiquitinate p53. <i>EMBO Journal</i> , 2007, 26, 3062-3074.	7.8	43
69	Ubiquitin-like modifications in the DNA damage response. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017, 803-805, 56-75.	1.0	42
70	SIRT3 regulates cancer cell proliferation through deacetylation of PYCR1 in proline metabolism. <i>Neoplasia</i> , 2019, 21, 665-675.	5.3	42
71	Novel link between E2F1 and Smac/DIABLO: proapoptotic Smac/DIABLO is transcriptionally upregulated by E2F1. <i>Nucleic Acids Research</i> , 2006, 34, 2046-2055.	14.5	41
72	Autophagy substrate SQSTM1/p62 regulates chromatin ubiquitination during the DNA damage response. <i>Autophagy</i> , 2017, 13, 212-213.	9.1	41

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73	Biological function and regulation of histone and non-histone lysine methylation in response to DNA damage. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 603-616.	2.0	40
74	Histone modifications in DNA damage response. <i>Science China Life Sciences</i> , 2016, 59, 257-270.	4.9	39
75	Anti-neoplastic activity of the cytosolic FoxO1 results from autophagic cell death. <i>Autophagy</i> , 2010, 6, 988-990.	9.1	38
76	Differential gene expression of neonatal and adult DRG neurons correlates with the differential sensitization of TRPV1 responses to nerve growth factor. <i>Neuroscience Letters</i> , 2011, 500, 192-196.	2.1	38
77	Increased Amino Acid Uptake Supports Autophagy-Deficient Cell Survival upon Glutamine Deprivation. <i>Cell Reports</i> , 2018, 23, 3006-3020.	6.4	37
78	Reduced expression of SET7/9, a histone mono-methyltransferase, is associated with gastric cancer progression. <i>Oncotarget</i> , 2016, 7, 3966-3983.	1.8	35
79	The Regulation of the Autophagic Network and Its Implications for Human Disease. <i>International Journal of Biological Sciences</i> , 2013, 9, 1121-1133.	6.4	33
80	p21 response to DNA damage induced by genistein and etoposide in human lung cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 950-956.	2.1	32
81	An unexpected role for p53 in regulating cancer cellâ€™intrinsic PD-1 by acetylation. <i>Science Advances</i> , 2021, 7, .	10.3	32
82	CBP mediated DOT1L acetylation confers DOT1L stability and promotes cancer metastasis. <i>Theranostics</i> , 2020, 10, 1758-1776.	10.0	31
83	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. <i>Clinical and Translational Gastroenterology</i> , 2016, 7, e151.	2.5	30
84	SIRT4 regulates PTEN stability through IDE in response to cellular stresses. <i>FASEB Journal</i> , 2019, 33, 5535-5547.	0.5	30
85	GLP-catalyzed H4K16me1 promotes 53BP1 recruitment to permit DNA damage repair and cell survival. <i>Nucleic Acids Research</i> , 2019, 47, 10977-10993.	14.5	29
86	5â€™Azaâ€²â€™deoxycytidine reactivates gene expression via degradation of pRb pocket proteins. <i>FASEB Journal</i> , 2012, 26, 449-459.	0.5	28
87	Mechanisms controlling the anti-neoplastic functions of FoxO proteins. <i>Seminars in Cancer Biology</i> , 2018, 50, 101-114.	9.6	28
88	SIRT7 activates p53 by enhancing PCAF-mediated MDM2 degradation to arrest the cell cycle. <i>Oncogene</i> , 2020, 39, 4650-4665.	5.9	28
89	Lung-specific expression of human mutant p53-273H is associated with a high frequency of lung adenocarcinoma in transgenic mice. <i>Oncogene</i> , 2002, 21, 7831-7838.	5.9	26
90	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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91	DNA Methylation in the Exon 1 Region and Complex Regulation of Twist1 Expression in Gastric Cancer Cells. PLoS ONE, 2015, 10, e0145630.	2.5	26
92	p53 cooperates with SIRT6 to regulate cardiolipin de novo biosynthesis. Cell Death and Disease, 2018, 9, 941.	6.3	26
93	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.	2.4	26
94	Deficiency of hepatocystin induces autophagy through an mTOR-dependent pathway. Autophagy, 2011, 7, 748-759.	9.1	25
95	Autophagy process is associated with anti-neoplastic function. Acta Biochimica Et Biophysica Sinica, 2011, 43, 425-432.	2.0	25
96	ULK1 phosphorylates Mad1 to regulate spindle assembly checkpoint. Nucleic Acids Research, 2019, 47, 8096-8110.	14.5	25
97	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.	3.4	24
98	CDK5 Inhibition Abrogates TNBC Stem Cell Property and Enhances Anti-PD-1 Therapy. Advanced Science, 2020, 7, 2001417.	11.2	24
99	GATA3 functions downstream of BRCA1 to suppress EMT in breast cancer. Theranostics, 2021, 11, 8218-8233.	10.0	24
100	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.	1.5	23
101	PKC η Phosphorylates SIRT6 to Mediate Fatty Acid β -Oxidation in Colon Cancer Cells. Neoplasia, 2019, 21, 61-73.	5.3	23
102	The Changing Face of HDAC Inhibitor Depsipeptide. Current Cancer Drug Targets, 2009, 9, 91-100.	1.6	22
103	The axis of MAPK1/3-XBP1u-FOXO1 controls autophagic dynamics in cancer cells. Autophagy, 2013, 9, 794-796.	9.1	22
104	SIRT7: a sentinel of genome stability. Open Biology, 2021, 11, 210047.	3.6	22
105	Lamin A buffers CK2 kinase activity to modulate aging in a progeria mouse model.. Science Advances, 2019, 5, eaav5078.	10.3	21
106	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, .	7.1	20
107	Lamin B is a prompt heat shock protein. , 1999, 178, 28-34.		19
108	Epigenetic modification of PKM η rescues aging-related cognitive impairment. Scientific Reports, 2016, 6, 22096.	3.3	19

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109	MDM2-mediated degradation of WRN promotes cellular senescence in a p53-independent manner. <i>Oncogene</i> , 2019, 38, 2501-2515.	5.9	19
110	Sirtuins: Nodes Connecting Aging, Metabolism and Tumorigenesis. <i>Current Pharmaceutical Design</i> , 2014, 20, 1614-1624.	1.9	19
111	A novel acridine derivative, LS-1-10 inhibits autophagic degradation and triggers apoptosis in colon cancer cells. <i>Cell Death and Disease</i> , 2017, 8, e3086-e3086.	6.3	18
112	The expression of chemokine receptors CXCR3 and CXCR4 in predicting postoperative tumour progression in stages I-II colon cancer: a retrospective study. <i>BMJ Open</i> , 2014, 4, e005012-e005012.	1.9	17
113	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. <i>Journal of Biological Chemistry</i> , 2017, 292, 2830-2841.	3.4	17
114	Individualized dual antiplatelet therapy based on platelet function testing in patients undergoing percutaneous coronary intervention: a meta-analysis of randomized controlled trials. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 157.	1.7	17
115	ZD6474 induces growth arrest and apoptosis of GIST-T1 cells, which is enhanced by concomitant use of sunitinib. <i>Cancer Science</i> , 2006, 97, 1404-1409.	3.9	16
116	Quantitative proteome-based systematic identification of SIRT7 substrates. <i>Proteomics</i> , 2017, 17, 1600395.	2.2	16
117	Systematic identification of Class I HDAC substrates. <i>Briefings in Bioinformatics</i> , 2014, 15, 963-972.	6.5	15
118	PTK2-mediated degradation of ATG3 impedes cancer cells susceptible to DNA damage treatment. <i>Autophagy</i> , 2017, 13, 579-591.	9.1	15
119	Identifying Human SIRT1 Substrates by Integrating Heterogeneous Information from Various Sources. <i>Scientific Reports</i> , 2017, 7, 4614.	3.3	15
120	Linker Histone in Diseases. <i>International Journal of Biological Sciences</i> , 2017, 13, 1008-1018.	6.4	15
121	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. <i>Science China Chemistry</i> , 2013, 56, 1137-1142.	8.2	14
122	Polo-like kinase 1 (PLK1)-dependent phosphorylation of methylenetetrahydrofolate reductase (MTHFR) regulates replication via histone methylation. <i>Cell Cycle</i> , 2017, 16, 1933-1942.	2.6	14
123	IKK μ phosphorylates kindlin-2 to induce invadopodia formation and promote colorectal cancer metastasis. <i>Theranostics</i> , 2020, 10, 2358-2373.	10.0	14
124	Structural changes in exon 11 of <i>MEF2A</i> are not related to sporadic coronary artery disease in Han Chinese population. <i>European Journal of Clinical Investigation</i> , 2010, 40, 669-677.	3.4	13
125	SIRT5, functions in cellular metabolism with a multiple enzymatic activities. <i>Science China Life Sciences</i> , 2015, 58, 912-914.	4.9	13
126	SIRT7 Deacetylates STRAP to Regulate p53 Activity and Stability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4122.	4.1	13

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127	USP37 regulates DNA damage response through stabilizing and deubiquitinating BLM. <i>Nucleic Acids Research</i> , 2021, 49, 11224-11240.	14.5	13
128	Molecular Mechanisms of Epigenetic Regulators as Activatable Targets in Cancer Theranostics. <i>Current Medicinal Chemistry</i> , 2019, 26, 1328-1350.	2.4	13
129	Promotion of Heat-Induced Apoptosis in FM3A Cells by Protease Inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 1996, 225, 924-931.	2.1	12
130	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
131	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
132	Angiotensin II Reduces Cardiac AdipoR1 Expression through AT1 Receptor/ROS/ERK1/2/c-Myc Pathway. <i>PLoS ONE</i> , 2013, 8, e49915.	2.5	12
133	Loss of function of BRCA1 promotes EMT in mammary tumors through activation of TGF β 2 signaling pathway. <i>Cell Death and Disease</i> , 2022, 13, 195.	6.3	12
134	MIB1-mediated degradation of WRN promotes cellular senescence in response to camptothecin treatment. <i>FASEB Journal</i> , 2020, 34, 11488-11497.	0.5	11
135	Heat-induced modulation of lamin B content in two different cell lines. <i>Journal of Cellular Biochemistry</i> , 1999, 75, 620-628.	2.6	10
136	Cocaine- and amphetamine-regulated transcript facilitates the neurite outgrowth in cortical neurons after oxygen and glucose deprivation through PTN-dependent pathway. <i>Neuroscience</i> , 2014, 277, 103-110.	2.3	10
137	RNF8-ubiquitinated KMT5A is required for RNF168-induced H2A ubiquitination in response to DNA damage. <i>FASEB Journal</i> , 2021, 35, e21326.	0.5	10
138	Catalyst-free, visible-light-induced direct radical cross-coupling perfluoroalkylation of the imidazo[1,2- <i>a</i>]pyridines with perfluoroalkyl iodides. <i>New Journal of Chemistry</i> , 2021, 45, 4925-4929.	2.8	10
139	UNG2 deacetylation confers cancer cell resistance to hydrogen peroxide-induced cytotoxicity. <i>Free Radical Biology and Medicine</i> , 2020, 160, 403-417.	2.9	9
140	PDGFR β is an essential therapeutic target for BRCA1-deficient mammary tumors. <i>Breast Cancer Research</i> , 2021, 23, 10.	5.0	9
141	Xiaoxianggou attenuates atherosclerotic plaque formation in endogenous high Ang II ApoE \sim / \sim mice via the inhibition of miR-203 on the expression of Ets-2 in endothelial cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 173-179.	5.6	8
142	WDFY2 Potentiates Hepatic Insulin Sensitivity and Controls Endosomal Localization of the Insulin Receptor and IRS1/2. <i>Diabetes</i> , 2020, 69, 1887-1902.	0.6	8
143	The transcription factor c-Fos coordinates with histone lysine-specific demethylase 2A to activate the expression of cyclooxygenase-2. <i>Oncotarget</i> , 2015, 6, 34704-34717.	1.8	8
144	Loss of function of GATA3 induces basal-like mammary tumors. <i>Theranostics</i> , 2022, 12, 720-733.	10.0	8

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145	Autophagy-deficient tumor cells rely on extracellular amino acids to survive upon glutamine deprivation. <i>Autophagy</i> , 2018, 14, 1652-1653.	9.1	6
146	Histone lysine modifying enzymes and their critical roles in DNA double-strand break repair. <i>DNA Repair</i> , 2021, 107, 103206.	2.8	6
147	Regulation of p53 acetylation. <i>Science China Life Sciences</i> , 2017, 60, 321-323.	4.9	5
148	Regulation of DNA damage-induced ATM activation by histone modifications. <i>Genome Instability & Disease</i> , 2020, 1, 20-33.	1.1	4
149	Intervening pyruvate carboxylase stunts tumor growth by strengthening anti-tumor actions of tumor-associated macrophages. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 34.	17.1	4
150	Methylation of FoxO3 regulates neuronal cell death. <i>Acta Pharmacologica Sinica</i> , 2012, 33, 577-577.	6.1	3
151	TIP60 recruits SUV39H1 to chromatin to maintain heterochromatin genome stability and resist hydrogen peroxide-induced cytotoxicity. <i>Genome Instability & Disease</i> , 2020, 1, 339-355.	1.1	3
152	Reply to Leithner et al.: Focus on phosphoenolpyruvate carboxykinase (PEPCK): A target of the p53-SIRT6-FoxO1 axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4395.	7.1	2
153	Autophagy regulates DNA repair by modulating histone ubiquitination. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1214772.	0.7	2
154	FOXO1 controls protein synthesis and transcript abundance of mutant polyglutamine proteins, preventing protein aggregation. <i>Human Molecular Genetics</i> , 2021, 30, 996-1005.	2.9	2
155	Biological function and regulation of histone 4 lysine 20 methylation in DNA damage response. <i>Genome Instability & Disease</i> , 2022, 3, 33.	1.1	2
156	G9a/GLP catalyzes H3K14me1 and H3K14me2 in vivo and in vitro. <i>Science China Life Sciences</i> , 2022, , 1.	4.9	2
157	Damage and Replication Stress Responses. , 2011, , .		1
158	A specific assay for JmjC domain-containing lysine demethylase and its application to inhibitor screening. <i>Science China Life Sciences</i> , 2019, 62, 1404-1408.	4.9	1
159	¹ H NMR-based assay for lysine demethylase LSD1 and its application to inhibitor screening. <i>Genome Instability & Disease</i> , 2021, 2, 302-308.	1.1	1