

Liu Cao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/703871/publications.pdf>

Version: 2024-02-01

53
papers

2,051
citations

279798

23
h-index

254184

43
g-index

57
all docs

57
docs citations

57
times ranked

3193
citing authors

#	ARTICLE	IF	CITATIONS
1	PI3K/Akt/mTOR signaling pathway and targeted therapy for glioblastoma. <i>Oncotarget</i> , 2016, 7, 33440-33450.	1.8	400
2	Atg7 Modulates p53 Activity to Regulate Cell Cycle and Survival During Metabolic Stress. <i>Science</i> , 2012, 336, 225-228.	12.6	299
3	DNA Methylation, Its Mediators and Genome Integrity. <i>International Journal of Biological Sciences</i> , 2015, 11, 604-617.	6.4	195
4	<sc>ATM</sc> –<sc>CHK</sc> –Beclin 1 axis promotes autophagy to maintain <sc>ROS</sc> homeostasis under oxidative stress. <i>EMBO Journal</i> , 2020, 39, e103111.	7.8	83
5	Activation of Slit2-Robo1 signaling promotes liver fibrosis. <i>Journal of Hepatology</i> , 2015, 63, 1413-1420.	3.7	69
6	Selective targeting of ubiquitination and degradation of PARP1 by E3 ubiquitin ligase WWP2 regulates isoproterenol-induced cardiac remodeling. <i>Cell Death and Differentiation</i> , 2020, 27, 2605-2619.	11.2	59
7	SIRT1 modulates cell cycle progression by regulating CHK2 acetylation—phosphorylation. <i>Cell Death and Differentiation</i> , 2020, 27, 482-496.	11.2	53
8	MDC1 functionally identified as an androgen receptor co-activator participates in suppression of prostate cancer. <i>Nucleic Acids Research</i> , 2015, 43, 4893-4908.	14.5	47
9	E3 Ubiquitin ligase NEDD4 family—regulatory network in cardiovascular disease. <i>International Journal of Biological Sciences</i> , 2020, 16, 2727-2740.	6.4	39
10	PAK1-mediated MORC2 phosphorylation promotes gastric tumorigenesis. <i>Oncotarget</i> , 2015, 6, 9877-9886.	1.8	39
11	By recruiting HDAC1, MORC2 suppresses p21Waf1/Cip1 in gastric cancer. <i>Oncotarget</i> , 2015, 6, 16461-16470.	1.8	39
12	Caspr1 is a host receptor for meningitis-causing Escherichia coli. <i>Nature Communications</i> , 2018, 9, 2296.	12.8	38
13	miR-135a inhibits tumor metastasis and angiogenesis by targeting FAK pathway. <i>Oncotarget</i> , 2017, 8, 31153-31168.	1.8	38
14	Composite phase change material based on reduced graphene oxide/expanded graphite aerogel with improved thermal properties and shape—stability. <i>International Journal of Energy Research</i> , 2020, 44, 242-256.	4.5	35
15	RNF8 identified as a co-activator of estrogen receptor — promotes cell growth in breast cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1615-1628.	3.8	34
16	MDC1 Enhances Estrogen Receptor-mediated Transactivation and Contributes to Breast Cancer Suppression. <i>International Journal of Biological Sciences</i> , 2015, 11, 992-1005.	6.4	32
17	Atg7 inhibits Warburg effect by suppressing PKM2 phosphorylation resulting reduced epithelial-mesenchymal transition. <i>International Journal of Biological Sciences</i> , 2018, 14, 775-783.	6.4	30
18	BAP18 coactivates androgen receptor action and promotes prostate cancer progression. <i>Nucleic Acids Research</i> , 2016, 44, 8112-8128.	14.5	28

#	ARTICLE	IF	CITATIONS
19	Autophagy-related 7 modulates tumor progression in triple-negative breast cancer. <i>Laboratory Investigation</i> , 2019, 99, 1266-1274.	3.7	28
20	Autophagy resists EMT process to maintain retinal pigment epithelium homeostasis. <i>International Journal of Biological Sciences</i> , 2019, 15, 507-521.	6.4	28
21	Berberine modulates deacetylation of PPAR β to promote adipose tissue remodeling and thermogenesis via AMPK/SIRT1 pathway. <i>International Journal of Biological Sciences</i> , 2021, 17, 3173-3187.	6.4	28
22	Adipose-derived stem cells regulate metabolic homeostasis and delay aging by promoting mitophagy. <i>FASEB Journal</i> , 2021, 35, e21709.	0.5	28
23	Increased Permeability of the Blood-Brain Barrier and Alzheimer's Disease-Like Alterations in Slit-2 Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 535-548.	2.6	25
24	Microchidia protein 2, MORC2, downregulates the cytoskeleton adapter protein, ArgBP2, via histone methylation in gastric cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 821-827.	2.1	25
25	Atg7 Regulates Brain Angiogenesis via NF- κ B-Dependent IL-6 Production. <i>International Journal of Molecular Sciences</i> , 2017, 18, 968.	4.1	22
26	RNF8 induces β -catenin-mediated c-Myc expression and promotes colon cancer proliferation. <i>International Journal of Biological Sciences</i> , 2020, 16, 2051-2062.	6.4	22
27	The Functions of DNA Damage Factor RNF8 in the Pathogenesis and Progression of Cancer. <i>International Journal of Biological Sciences</i> , 2019, 15, 909-918.	6.4	21
28	Deacetylation-dependent regulation of PARP1 by SIRT2 dictates ubiquitination of PARP1 in oxidative stress-induced vascular injury. <i>Redox Biology</i> , 2021, 47, 102141.	9.0	21
29	ATM at the crossroads of reactive oxygen species and autophagy. <i>International Journal of Biological Sciences</i> , 2021, 17, 3080-3090.	6.4	20
30	Endothelial Atg7 Deficiency Ameliorates Acute Cerebral Injury Induced by Ischemia/Reperfusion. <i>Frontiers in Neurology</i> , 2018, 9, 998.	2.4	19
31	Structural Maintenance of Chromosomes protein 1: Role in Genome Stability and Tumorigenesis. <i>International Journal of Biological Sciences</i> , 2017, 13, 1092-1099.	6.4	18
32	An unexpected role for BAG3 in regulating PARP1 ubiquitination in oxidative stress-related endothelial damage. <i>Redox Biology</i> , 2022, 50, 102238.	9.0	18
33	The deacetylation-phosphorylation regulation of SIRT2-SMC1A axis as a mechanism of antimitotic catastrophe in early tumorigenesis. <i>Science Advances</i> , 2021, 7, .	10.3	17
34	Phosphorylation of SMC1A promotes hepatocellular carcinoma cell proliferation and migration. <i>International Journal of Biological Sciences</i> , 2018, 14, 1081-1089.	6.4	16
35	MORC2 regulates C/EBP β -mediated cell differentiation via sumoylation. <i>Cell Death and Differentiation</i> , 2019, 26, 1905-1917.	11.2	15
36	WWP2 regulates SIRT1-STAT3 acetylation and phosphorylation involved in hypertensive angiopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9041-9054.	3.6	14

#	ARTICLE	IF	CITATIONS
37	Cystatin C Shifts APP Processing from Amyloid- β Production towards Non-Amyloidgenic Pathway in Brain Endothelial Cells. PLoS ONE, 2016, 11, e0161093.	2.5	14
38	Inhibition of SIRT2 promotes APP acetylation and ameliorates cognitive impairment in APP/PS1 transgenic mice. Cell Reports, 2022, 40, 111062.	6.4	14
39	The Emerging Nexus of Active DNA Demethylation and Mitochondrial Oxidative Metabolism in Post-Mitotic Neurons. International Journal of Molecular Sciences, 2014, 15, 22604-22625.	4.1	9
40	The Regulatory Effect of SIRT1 on Extracellular Microenvironment Remodeling. International Journal of Biological Sciences, 2021, 17, 89-96.	6.4	9
41	Regulation of the Tec family of non-receptor tyrosine kinases in cardiovascular disease. Cell Death Discovery, 2022, 8, 119.	4.7	9
42	Septin4 Prevents PDGF-BB-induced HAVSMC Phenotypic Transformation, Proliferation and Migration by Promoting SIRT1-STAT3 Deacetylation and Dephosphorylation. International Journal of Biological Sciences, 2020, 16, 708-718.	6.4	8
43	The deacetylation of Foxk2 by Sirt1 reduces chemosensitivity to cisplatin. Journal of Cellular and Molecular Medicine, 2022, 26, 491-506.	3.6	7
44	Septin4 promotes cell death in human colon cancer cells by interacting with BAX. International Journal of Biological Sciences, 2020, 16, 1917-1928.	6.4	6
45	PolG Inhibits Gastric Cancer Glycolysis and Viability by Suppressing PKM2 Phosphorylation. Cancer Management and Research, 2021, Volume 13, 1559-1570.	1.9	6
46	Effects of ultrasonic microwave assisted extraction with green solvent on the chemical constituents, antioxidant, and hypolipidemic activities of Manchurian walnut oil. Journal of Food Processing and Preservation, 2022, 46, .	2.0	6
47	EUS-guided fine-needle technique-derived cancer organoids: A tailored "Shennong deity" for every patient with cancer. Endoscopic Ultrasound, 2019, 8, 73.	1.5	5
48	RNF8 up-regulates AR/ARV7 action to contribute to advanced prostate cancer progression. Cell Death and Disease, 2022, 13, 352.	6.3	5
49	Progerin modulates the IGF-1R/Akt signaling involved in aging. Science Advances, 2022, 8, .	10.3	5
50	Effect of esterification crosslinking on interfacial heat transfer between graphene and phase change material. Composite Interfaces, 2021, 28, 1121-1135.	2.3	3
51	CHK2 Promotes Metabolic Stress-Induced Autophagy through ULK1 Phosphorylation. Antioxidants, 2022, 11, 1166.	5.1	2
52	Overcoming the supercooling of hydrated salts: three-dimensional graphene composite PCMs. Micro and Nano Letters, 2018, 13, 849-852.	1.3	1
53	DNA Polymerase Gamma Recovers Mitochondrial Function and Inhibits Vascular Calcification by Interacted with p53. International Journal of Biological Sciences, 2022, 18, 409-425.	6.4	0