Junlian Gu

List of Publications by Year
in descending order

31 papers	1,272 citations	516215 16 h-index	433756 31 g-index
31 all docs	31 docs citations	31 times ranked	1924 citing authors

#	Article	IF	Citations
1	Sulforaphane prevents the development of cardiomyopathy in type 2 diabetic mice probably by reversing oxidative stress-induced inhibition of LKB1/AMPK pathway. Journal of Molecular and Cellular Cardiology, 2014, 77, 42-52.	0.9	157
2	Metallothionein Is Downstream of Nrf2 and Partially Mediates Sulforaphane Prevention of Diabetic Cardiomyopathy. Diabetes, 2017, 66, 529-542.	0.3	137
3	Fenofibrate increases cardiac autophagy via FGF21/SIRT1 and prevents fibrosis and inflammation in the hearts of TypeÂ1 diabetic mice. Clinical Science, 2016, 130, 625-641.	1.8	128
4	Cardioprotective effects of fibroblast growth factor 21 against doxorubicin-induced toxicity via the SIRT1/LKB1/AMPK pathway. Cell Death and Disease, 2017, 8, e3018-e3018.	2.7	103
5	Fibroblast growth factor 21 protects the heart from apoptosis in a diabetic mouse model via extracellular signal-regulated kinase 1/2-dependent signalling pathway. Diabetologia, 2015, 58, 1937-1948.	2.9	97
6	C66 ameliorates diabetic nephropathy in mice by both upregulating NRF2 function via increase in miR-200a and inhibiting miR-21. Diabetologia, 2016, 59, 1558-1568.	2.9	81
7	Inhibition of p53 prevents diabetic cardiomyopathy by preventing early-stage apoptosis and cell senescence, reduced glycolysis, and impaired angiogenesis. Cell Death and Disease, 2018, 9, 82.	2.7	74
8	Uncoupling the Mitogenic and Metabolic Functions of FGF1 by Tuning FGF1-FGF Receptor Dimer Stability. Cell Reports, 2017, 20, 1717-1728.	2.9	71
9	Low-Dose Radiation Induces Cell Proliferation in Human Embryonic Lung Fibroblasts but not in Lung Cancer Cells. Dose-Response, 2016, 14, 155932581562217.	0.7	44
10	Bone Marrow Mesenchymal Stem Cell-Derived Exosomal miRNA-29c Decreases Cardiac Ischemia/Reperfusion Injury Through Inhibition of Excessive Autophagy via the PTEN/Akt/mTOR Signaling Pathway. Circulation Journal, 2020, 84, 1304-1311.	0.7	44
11	Zinc rescues obesityâ€induced cardiac hypertrophy via stimulating metallothionein to suppress oxidative stressâ€activated <scp>BCL</scp>10/<scp>CARD</scp>9/p38 <scp>MAPK</scp> pathway. Journal of Cellular and Molecular Medicine, 2017, 21, 1182-1192.	1.6	39
12	Molecular mechanisms of doxorubicin-induced cardiotoxicity: novel roles of sirtuin 1-mediated signaling pathways. Cellular and Molecular Life Sciences, 2021, 78, 3105-3125.	2.4	37
13	Knockdown of HIF-1Î± by siRNA-expressing plasmid delivered by attenuated Salmonella enhances the antitumor effects of cisplatin on prostate cancer. Scientific Reports, 2017, 7, 7546.	1.6	36
14	HDAC3 inhibition in diabetic mice may activate Nrf2 preventing diabetes-induced liver damage and FGF21 synthesis and secretion leading to aortic protection. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E150-E162.	1.8	34
15	Zinc deficiency exacerbates while zinc supplement attenuates cardiac hypertrophy in high-fat diet-induced obese mice through modulating p38 MAPK-dependent signaling. Toxicology Letters, 2016, 258, 134-146.	0.4	31
16	Fenofibrate inhibits mTOR-p70S6K signaling and simultaneously induces cell death in human prostate cancer cells. Biochemical and Biophysical Research Communications, 2018, 496, 70-75.	1.0	25
17	Cardiac SIRT1 ameliorates doxorubicin-induced cardiotoxicity by targeting sestrin 2. Redox Biology, 2022, 52, 102310.	3.9	18
18	Endostatin inhibits the growth and migration of 4T1 mouse breast cancer cells by skewing macrophage polarity toward the M1 phenotype. Cancer Immunology, Immunotherapy, 2016, 65, 677-688.	2.0	16

#	Article	IF	Citations
19	Curtailing FGF19â€™s mitogenicity by suppressing its receptor dimerization ability. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29025-29034.	3.3	15
20	Epigenetic Regulation Associated With Sirtuin 1 in Complications of Diabetes Mellitus. Frontiers in Endocrinology, 2020, 11, 598012.	1.5	13
21	Aldehyde dehydrogenase 1A1 up-regulates stem cell markers in benzo[a]pyrene-induced malignant transformation of BEAS-2B cells. Environmental Toxicology and Pharmacology, 2016, 45, 241-250.	2.0	11
22	Regulatory mechanisms of Sesn2 and its role in multi-organ diseases. Pharmacological Research, 2021, 164, 105331.	3.1	11
23	A new FGF1 variant protects against adriamycin-induced cardiotoxicity via modulating p53 activity. Redox Biology, 2022, 49, 102219.	3.9	11
24	Is CD47 a potentially promising therapeutic target in cardiovascular diseases? â€” Role of CD47 in cardiovascular diseases. Life Sciences, 2020, 247, 117426.	2.0	9
25	NRF2-Related Epigenetic Modifications in Cardiac and Vascular Complications of Diabetes Mellitus. Frontiers in Endocrinology, 2021, 12, 598005.	1.5	9
26	The Role of Fibroblast Growth Factor 21 in Diabetic Cardiovascular Complications and Related Epigenetic Mechanisms. Frontiers in Endocrinology, 2021, 12, 598008.	1.5	5
27	Exposure to low dose cadmium enhances FL83B cells proliferation through down-regulation of caspase-8 by DNA hypermethylation. Toxicology Research, 2015, 4, 248-259.	0.9	4
28	Regulatory role of endogenous and exogenous fibroblast growth factor 1 in the cardiovascular system and related diseases. Pharmacological Research, 2021, 169, 105596.	3.1	4
29	Effect of vascular endothelial growth factor siRNA and wild-type p53 co-expressing plasmid in MDA-MB-231 cells. Molecular Medicine Reports, 2016, 13, 461-468.	1.1	3
30	Endostatin inhibits the proliferation and migration of B16Âcells by inducing macrophage polarity to M1â€˜type. Molecular Medicine Reports, 2021, 24, .	1.1	3
31	Hypothalamic-pituitary-adrenal Axis Multilocus Genetic Variation, Childhood Parenting and Adolescent Anxiety Symptoms: Evidence of Cumulative Polygenic Plasticity. Journal of Youth and Adolescence, 2022, 51, 1597-1610.	1.9	2