

Junlian Gu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1507319/publications.pdf>

Version: 2024-02-01

31
papers

1,272
citations

516710

16
h-index

434195

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. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 77, 42-52.	1.9	157
2	Metallothionein Is Downstream of Nrf2 and Partially Mediates Sulforaphane Prevention of Diabetic Cardiomyopathy. <i>Diabetes</i> , 2017, 66, 529-542.	0.6	137
3	Fenofibrate increases cardiac autophagy via FGF21/SIRT1 and prevents fibrosis and inflammation in the hearts of Type 2 diabetic mice. <i>Clinical Science</i> , 2016, 130, 625-641.	4.3	128
4	Cardioprotective effects of fibroblast growth factor 21 against doxorubicin-induced toxicity via the SIRT1/LKB1/AMPK pathway. <i>Cell Death and Disease</i> , 2017, 8, e3018-e3018.	6.3	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. <i>Diabetologia</i> , 2015, 58, 1937-1948.	6.3	97
6	C66 ameliorates diabetic nephropathy in mice by both upregulating NRF2 function via increase in miR-200a and inhibiting miR-21. <i>Diabetologia</i> , 2016, 59, 1558-1568.	6.3	81
7	Inhibition of p53 prevents diabetic cardiomyopathy by preventing early-stage apoptosis and cell senescence, reduced glycolysis, and impaired angiogenesis. <i>Cell Death and Disease</i> , 2018, 9, 82.	6.3	74
8	Uncoupling the Mitogenic and Metabolic Functions of FGF1 by Tuning FGF1-FGF Receptor Dimer Stability. <i>Cell Reports</i> , 2017, 20, 1717-1728.	6.4	71
9	Low-Dose Radiation Induces Cell Proliferation in Human Embryonic Lung Fibroblasts but not in Lung Cancer Cells. <i>Dose-Response</i> , 2016, 14, 155932581562217.	1.6	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. <i>Circulation Journal</i> , 2020, 84, 1304-1311.	1.6	44
11	Zinc rescues obesity-induced cardiac hypertrophy via stimulating metallothionein to suppress oxidative stress-activated BCL2/CARD9/p38 MAPK pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1182-1192.	3.6	39
12	Molecular mechanisms of doxorubicin-induced cardiotoxicity: novel roles of sirtuin 1-mediated signaling pathways. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3105-3125.	5.4	37
13	Knockdown of HIF-1 α by siRNA-expressing plasmid delivered by attenuated Salmonella enhances the antitumor effects of cisplatin on prostate cancer. <i>Scientific Reports</i> , 2017, 7, 7546.	3.3	36
14	HDAC3 inhibition in diabetic mice may activate Nrf2 preventing diabetes-induced liver damage and FGF21 synthesis and secretion leading to aortic protection. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E150-E162.	3.5	34
15	Zinc deficiency exacerbates while zinc supplement attenuates cardiac hypertrophy in high-fat diet-induced obese mice through modulating p38 MAPK-dependent signaling. <i>Toxicology Letters</i> , 2016, 258, 134-146.	0.8	31
16	Fenofibrate inhibits mTOR-p70S6K signaling and simultaneously induces cell death in human prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 70-75.	2.1	25
17	Cardiac SIRT1 ameliorates doxorubicin-induced cardiotoxicity by targeting sestrin 2. <i>Redox Biology</i> , 2022, 52, 102310.	9.0	18
18	Endostatin inhibits the growth and migration of 4T1 mouse breast cancer cells by skewing macrophage polarity toward the M1 phenotype. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 677-688.	4.2	16

#	ARTICLE	IF	CITATIONS
19	Curtailing FGF19'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.	7.1	15
20	Epigenetic Regulation Associated With Sirtuin 1 in Complications of Diabetes Mellitus. Frontiers in Endocrinology, 2020, 11, 598012.	3.5	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.	4.0	11
22	Regulatory mechanisms of Sesn2 and its role in multi-organ diseases. Pharmacological Research, 2021, 164, 105331.	7.1	11
23	A new FGF1 variant protects against adriamycin-induced cardiotoxicity via modulating p53 activity. Redox Biology, 2022, 49, 102219.	9.0	11
24	Is CD47 a potentially promising therapeutic target in cardiovascular diseases? Role of CD47 in cardiovascular diseases. Life Sciences, 2020, 247, 117426.	4.3	9
25	NRF2-Related Epigenetic Modifications in Cardiac and Vascular Complications of Diabetes Mellitus. Frontiers in Endocrinology, 2021, 12, 598005.	3.5	9
26	The Role of Fibroblast Growth Factor 21 in Diabetic Cardiovascular Complications and Related Epigenetic Mechanisms. Frontiers in Endocrinology, 2021, 12, 598008.	3.5	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.	2.1	4
28	Regulatory role of endogenous and exogenous fibroblast growth factor 1 in the cardiovascular system and related diseases. Pharmacological Research, 2021, 169, 105596.	7.1	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.	2.4	3
30	Endostatin inhibits the proliferation and migration of B16 cells by inducing macrophage polarity to M1 type. Molecular Medicine Reports, 2021, 24, .	2.4	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.	3.5	2