

Lu Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1730320/publications.pdf>

Version: 2024-02-01

60
papers

1,879
citations

236925

25
h-index

276875

41
g-index

62
all docs

62
docs citations

62
times ranked

2701
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating Long Noncoding RNA HOTAIR is an Essential Mediator of Acute Myocardial Infarction. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1497-1508.	1.6	129
2	IRF8 suppresses pathological cardiac remodelling by inhibiting calcineurin signalling. <i>Nature Communications</i> , 2014, 5, 3303.	12.8	124
3	Targeting TRAF3 signaling protects against hepatic ischemia/reperfusion injury. <i>Journal of Hepatology</i> , 2016, 64, 146-159.	3.7	79
4	LncRNA HOTAIR functions as a competing endogenous RNA to upregulate SIRT1 by sponging miR-34a in diabetic cardiomyopathy. <i>Journal of Cellular Physiology</i> , 2019, 234, 4944-4958.	4.1	74
5	Cathepsin B deficiency attenuates cardiac remodeling in response to pressure overload via TNF- α /ASK1/JNK pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1143-H1154.	3.2	71
6	Interferon regulatory factor 9 is critical for neointima formation following vascular injury. <i>Nature Communications</i> , 2014, 5, 5160.	12.8	61
7	Isorhamnetin protects against cardiac hypertrophy through blocking PI3K/AKT pathway. <i>Molecular and Cellular Biochemistry</i> , 2017, 429, 167-177.	3.1	61
8	Suppressor of IKK γ is an essential negative regulator of pathological cardiac hypertrophy. <i>Nature Communications</i> , 2016, 7, 11432.	12.8	60
9	miR-191 promotes tumorigenesis of human colorectal cancer through targeting C/EBP β . <i>Oncotarget</i> , 2015, 6, 4144-4158.	1.8	58
10	A Critical Role for Interferon Regulatory Factor 9 in Cerebral Ischemic Stroke. <i>Journal of Neuroscience</i> , 2014, 34, 11897-11912.	3.6	57
11	CCL2/EGF positive feedback loop between cancer cells and macrophages promotes cell migration and invasion in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 87037-87051.	1.8	55
12	The long noncoding RNA XIST regulates cardiac hypertrophy by targeting miR-101. <i>Journal of Cellular Physiology</i> , 2019, 234, 13680-13692.	4.1	55
13	MiR-93 regulates vascular smooth muscle cell proliferation, and neointimal formation through targeting Mfn2. <i>International Journal of Biological Sciences</i> , 2019, 15, 2615-2626.	6.4	52
14	Mindin/Spondin 2 inhibits hepatic steatosis, insulin resistance, and obesity via interaction with peroxisome proliferator-activated receptor α in mice. <i>Journal of Hepatology</i> , 2014, 60, 1046-1054.	3.7	50
15	Tumor Necrosis Factor Receptor-Associated Factor 3 Is a Positive Regulator of Pathological Cardiac Hypertrophy. <i>Hypertension</i> , 2015, 66, 356-367.	2.7	48
16	Renalase is a novel target gene of hypoxia-inducible factor-1 in protection against cardiac ischaemia-reperfusion injury. <i>Cardiovascular Research</i> , 2015, 105, 182-191.	3.8	45
17	LAZ3 protects cardiac remodeling in diabetic cardiomyopathy via regulating miR-21/PPAR α signaling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3322-3338.	3.8	39
18	Kaempferol Alleviates Angiotensin II-Induced Cardiac Dysfunction and Interstitial Fibrosis in Mice. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 2253-2263.	1.6	37

#	ARTICLE	IF	CITATIONS
19	Saikosaponin A Protects From Pressure Overload-Induced Cardiac Fibrosis via Inhibiting Fibroblast Activation or Endothelial Cell EndMT. <i>International Journal of Biological Sciences</i> , 2018, 14, 1923-1934.	6.4	35
20	Melatonin improves cardiac function in a mouse model of heart failure with preserved ejection fraction. <i>Redox Biology</i> , 2018, 18, 211-221.	9.0	35
21	Neuron-Specific Tumor Necrosis Factor Receptor-Associated Factor 3 Is a Central Regulator of Neuronal Death in Acute Ischemic Stroke. <i>Hypertension</i> , 2015, 66, 604-616.	2.7	33
22	C1qTNF1 attenuates angiotensin II-induced cardiac hypertrophy via activation of the AMPK α pathway. <i>Free Radical Biology and Medicine</i> , 2018, 121, 215-230.	2.9	31
23	M2 macrophage-derived exosomes carry miR-1271-5p to alleviate cardiac injury in acute myocardial infarction through down-regulating SOX6. <i>Molecular Immunology</i> , 2021, 136, 26-35.	2.2	31
24	Novel Role for Caspase-Activated DNase in the Regulation of Pathological Cardiac Hypertrophy. <i>Hypertension</i> , 2015, 65, 871-881.	2.7	30
25	Cathelicidin-related antimicrobial peptide protects against cardiac fibrosis in diabetic mice heart by regulating endothelial-mesenchymal transition. <i>International Journal of Biological Sciences</i> , 2019, 15, 2393-2407.	6.4	28
26	miR-222 inhibits cardiac fibrosis in diabetic mice heart via regulating Wnt/ β -catenin-mediated endothelium to mesenchymal transition. <i>Journal of Cellular Physiology</i> , 2020, 235, 2149-2160.	4.1	28
27	Interferon Regulatory Factor 7 Protects Against Vascular Smooth Muscle Cell Proliferation and Neointima Formation. <i>Journal of the American Heart Association</i> , 2014, 3, e001309.	3.7	27
28	MiR-451 antagonist protects against cardiac fibrosis in streptozotocin-induced diabetic mouse heart. <i>Life Sciences</i> , 2019, 224, 12-22.	4.3	26
29	Baicalin Protects against Diabetic Cardiomyopathy through Keap1/Nrf2/AMPK-Mediated Antioxidative and Lipid-Lowering Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	25
30	Hsa_circ_0029589 knockdown inhibits the proliferation, migration and invasion of vascular smooth muscle cells via regulating miR-214-3p and STIM1. <i>Life Sciences</i> , 2020, 259, 118251.	4.3	25
31	Identification of Poly(ADP-Ribose) Polymerase-1 as a Cell Cycle Regulator through Modulating Sp1 Mediated Transcription in Human Hepatoma Cells. <i>PLoS ONE</i> , 2013, 8, e82872.	2.5	25
32	Trophoblast-derived Lactic Acid Orchestrates Decidual Macrophage Differentiation via SRC/LDHA Signaling in Early Pregnancy. <i>International Journal of Biological Sciences</i> , 2022, 18, 599-616.	6.4	24
33	Combination of L-Arginine and L-Norvaline protects against pulmonary fibrosis progression induced by bleomycin in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108768.	5.6	23
34	Increased salivary microvesicles are associated with the prognosis of patients with oral squamous cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4054-4062.	3.6	23
35	ZBRK1, a novel tumor suppressor, activates VHL gene transcription through formation of a complex with VHL and p300 in renal cancer. <i>Oncotarget</i> , 2015, 6, 6959-6976.	1.8	23
36	C1qTNF-related protein 1 attenuates doxorubicin-induced cardiac injury via activation of AKT. <i>Life Sciences</i> , 2018, 207, 492-498.	4.3	21

#	ARTICLE	IF	CITATIONS
37	Stabilization of ATF5 by TAK1 Nemo-Like Kinase Critically Regulates the Interleukin-1 β -Stimulated C/EBP Signaling Pathway. <i>Molecular and Cellular Biology</i> , 2015, 35, 778-788.	2.3	20
38	Bakuchiol protects against pathological cardiac hypertrophy by blocking NF- κ B signaling pathway. <i>Bioscience Reports</i> , 2018, 38, .	2.4	20
39	Sanggenon C protects against cardiomyocyte hypoxia injury by increasing autophagy. <i>Molecular Medicine Reports</i> , 2017, 16, 8130-8136.	2.4	19
40	Activation of Piezo1 by ultrasonic stimulation and its effect on the permeability of human umbilical vein endothelial cells. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110796.	5.6	18
41	Suppression of Esophageal Squamous Cell Carcinoma Development by Mechanosensitive Protein Piezo1 Downregulation. <i>ACS Omega</i> , 2021, 6, 10196-10206.	3.5	16
42	TES inhibits colorectal cancer progression through activation of p38. <i>Oncotarget</i> , 2016, 7, 45819-45836.	1.8	16
43	Aldolase promotes the development of cardiac hypertrophy by targeting AMPK signaling. <i>Experimental Cell Research</i> , 2018, 370, 78-86.	2.6	14
44	12(S)-hydroxyeicosatetraenoic acid impairs vascular endothelial permeability by altering adherens junction phosphorylation levels and affecting the binding and dissociation of its components in high glucose-induced vascular injury. <i>Journal of Diabetes Investigation</i> , 2019, 10, 639-649.	2.4	14
45	Cause-specific mortality after diagnosis of thyroid cancer: a large population-based study. <i>Endocrine</i> , 2021, 72, 179-189.	2.3	14
46	miRNA-146a Mimic Inhibits NOX4/P38 Signalling to Ameliorate Mouse Myocardial Ischaemia Reperfusion (I/R) Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	4.0	12
47	Lysosomal-Associated Protein Transmembrane 5 Functions as a Novel Negative Regulator of Pathological Cardiac Hypertrophy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 740526.	2.4	9
48	Growth/differentiation factor 1 alleviates pressure overload-induced cardiac hypertrophy and dysfunction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 232-244.	3.8	8
49	Sanggenon C protects against pressure overload-induced cardiac hypertrophy via the calcineurin/NFAT2 pathway. <i>Molecular Medicine Reports</i> , 2017, 16, 5338-5346.	2.4	8
50	TBC1D25 Regulates Cardiac Remodeling Through TAK1 Signaling Pathway. <i>International Journal of Biological Sciences</i> , 2020, 16, 1335-1348.	6.4	8
51	Testin protects against cardiac hypertrophy by targeting a calcineurin-dependent signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 328-339.	3.6	6
52	Baicalin promotes the activation of brown and white adipose tissue through AMPK/PGC1 α pathway. <i>European Journal of Pharmacology</i> , 2022, 922, 174913.	3.5	6
53	Rosuvastatin reduces the recurrence rate following catheter ablation for atrial fibrillation in patients with heart failure. <i>Biomedical Reports</i> , 2017, 6, 346-352.	2.0	5
54	Exogenous cathepsin V protein protects human cardiomyocytes HCM from angiotensin II-induced hypertrophy. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 89, 6-15.	2.8	4

#	ARTICLE	IF	CITATIONS
55	Nkx2.5 Functions as a Conditional Tumor Suppressor Gene in Colorectal Cancer Cells via Acting as a Transcriptional Coactivator in p53-Mediated p21 Expression. <i>Frontiers in Oncology</i> , 2021, 11, 648045.	2.8	4
56	Role of GALNT4 in protecting against cardiac hypertrophy through ASK1 signaling pathway. <i>Cell Death and Disease</i> , 2021, 12, 980.	6.3	4
57	A comprehensive experiment for molecular biology: Determination of single nucleotide polymorphism in human REV3 gene using PCR-RFLP. <i>Biochemistry and Molecular Biology Education</i> , 2017, 45, 299-304.	1.2	3
58	Pathologic and hemodynamic changes of common carotid artery in obstructive sleep apnea hypopnea syndrome in a porcine model. <i>Turkish Journal of Medical Sciences</i> , 2019, 49, 939-944.	0.9	1
59	Two Zn(II)-based coordination polymers: luminescent property and protective activity on optic neuritis by regulating MAPK-AKT signaling pathway. <i>Monatshefte für Chemie</i> , 2020, 151, 889-897.	1.8	1
60	The effect of CaO on the physicochemical and biological properties of β -SiALON ceramics. <i>Journal of the American Ceramic Society</i> , 0, , .	3.8	0