Lu Gao

List of Publications by Year
in descending order

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	Trophoblast-derived Lactic Acid Orchestrates Decidual Macrophage Differentiation via SRC/LDHA Signaling in Early Pregnancy. International Journal of Biological Sciences, 2022, 18, 599-616.	6.4	24
2	Baicalin promotes the activation of brown and white adipose tissue through AMPK/PGC1Î± pathway. European Journal of Pharmacology, 2022, 922, 174913.	3.5	6
3	Cause-specific mortality after diagnosis of thyroid cancer: a large population-based study. Endocrine, 2021, 72, 179-189.	2.3	14
4	Nkx2.5 Functions as a Conditional Tumor Suppressor Gene in Colorectal Cancer Cells via Acting as a Transcriptional Coactivator in p53-Mediated p21 Expression. Frontiers in Oncology, 2021, 11, 648045.	2.8	4
5	Suppression of Esophageal Squamous Cell Carcinoma Development by Mechanosensitive Protein Piezo1 Downregulation. ACS Omega, 2021, 6, 10196-10206.	3.5	16
6	miRNA-146a Mimic Inhibits NOX4/P38 Signalling to Ameliorate Mouse Myocardial Ischaemia Reperfusion (I/R) Injury. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-10.	4.0	12
7	M2 macrophage-derived exosomes carry miR-1271-5p to alleviate cardiac injury in acute myocardial infarction through down-regulating SOX6. Molecular Immunology, 2021, 136, 26-35.	2.2	31
8	Role of GALNT4 in protecting against cardiac hypertrophy through ASK1 signaling pathway. Cell Death and Disease, 2021, 12, 980.	6.3	4
9	Lysosomal-Associated Protein Transmembrane 5 Functions as a Novel Negative Regulator of Pathological Cardiac Hypertrophy. Frontiers in Cardiovascular Medicine, 2021, 8, 740526.	2.4	9
10	miRâ€222 inhibits cardiac fibrosis in diabetic mice heart via regulating Wnt/Î²â€cateninâ€mediated endothelium to mesenchymal transition. Journal of Cellular Physiology, 2020, 235, 2149-2160.	4.1	28
11	Hsa_circ_0029589 knockdown inhibits the proliferation, migration and invasion of vascular smooth muscle cells via regulating miR-214-3p and STIM1. Life Sciences, 2020, 259, 118251.	4.3	25
12	Activation of Piezo1 by ultrasonic stimulation and its effect on the permeability of human umbilical vein endothelial cells. Biomedicine and Pharmacotherapy, 2020, 131, 110796.	5.6	18
13	Two Zn(II)-based coordination polymers: luminescent property and protective activity on optic neuritis by regulating MAPK-AKT signaling pathway. Monatshefte FÃ¼r Chemie, 2020, 151, 889-897.	1.8	1
14	TBC1D25 Regulates Cardiac Remodeling Through TAK1 Signaling Pathway. International Journal of Biological Sciences, 2020, 16, 1335-1348.	6.4	8
15	Pathologic and hemodynamic changes of common carotid artery in obstructive sleep apnea hypopnea syndrome in a porcine model. Turkish Journal of Medical Sciences, 2019, 49, 939-944.	0.9	1
16	Bailcalin Protects against Diabetic Cardiomyopathy through Keap1/Nrf2/AMPK-Mediated Antioxidative and Lipid-Lowering Effects. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	4.0	25
17	Combination of L-Arginine and L-Norvaline protects against pulmonary fibrosis progression induced by bleomycin in mice. Biomedicine and Pharmacotherapy, 2019, 113, 108768.	5.6	23
18	Increased salivary microvesicles are associated with the prognosis of patients with oral squamous cell carcinoma. Journal of Cellular and Molecular Medicine, 2019, 23, 4054-4062.	3.6	23

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19	MiR-451 antagonist protects against cardiac fibrosis in streptozotocin-induced diabetic mouse heart. Life Sciences, 2019, 224, 12-22.	4.3	26
20	MiR-93 regulates vascular smooth muscle cell proliferation, and neointimal formation through targeting Mfn2. International Journal of Biological Sciences, 2019, 15, 2615-2626.	6.4	52
21	Cathelicidin-related antimicrobial peptide protects against cardiac fibrosis in diabetic mice heart by regulating endothelial-mesenchymal transition. International Journal of Biological Sciences, 2019, 15, 2393-2407.	6.4	28
22	LncRNA HOTAIR functions as a competing endogenous RNA to upregulate SIRT1 by sponging miRâ€34a in diabetic cardiomyopathy. Journal of Cellular Physiology, 2019, 234, 4944-4958.	4.1	74
23	The long noncoding RNA XIST regulates cardiac hypertrophy by targeting miRâ€101. Journal of Cellular Physiology, 2019, 234, 13680-13692.	4.1	55
24	Testin protects against cardiac hypertrophy by targeting a calcineurinâ€dependent signalling pathway. Journal of Cellular and Molecular Medicine, 2019, 23, 328-339.	3.6	6
25	12(S)â€hydroxyeicosatetraenoic acid impairs vascular endothelial permeability by altering adherens junction phosphorylation levels and affecting the binding and dissociation of its components in high glucoseâ€induced vascular injury. Journal of Diabetes Investigation, 2019, 10, 639-649.	2.4	14
26	Saikosaponin A Protects From Pressure Overload-Induced Cardiac Fibrosis via Inhibiting Fibroblast Activation or Endothelial Cell EndMT. International Journal of Biological Sciences, 2018, 14, 1923-1934.	6.4	35
27	Bakuchiol protects against pathological cardiac hypertrophy by blocking NF-ÎºB signaling pathway. Bioscience Reports, 2018, 38, .	2.4	20
28	C1qTNF-related protein 1 attenuates doxorubicin-induced cardiac injury via activation of AKT. Life Sciences, 2018, 207, 492-498.	4.3	21
29	LAZ3 protects cardiac remodeling in diabetic cardiomyopathy via regulating miR-21/PPARa signaling. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3322-3338.	3.8	39
30	Melatonin improves cardiac function in a mouse model of heart failure with preserved ejection fraction. Redox Biology, 2018, 18, 211-221.	9.0	35
31	C1QTNF1 attenuates angiotensin II-induced cardiac hypertrophy via activation of the AMPKa pathway. Free Radical Biology and Medicine, 2018, 121, 215-230.	2.9	31
32	Aldolase promotes the development of cardiac hypertrophy by targeting AMPK signaling. Experimental Cell Research, 2018, 370, 78-86.	2.6	14
33	A comprehensive experiment for molecular biology: Determination of single nucleotide polymorphism in human REV3 gene using PCRâ€“RFLP. Biochemistry and Molecular Biology Education, 2017, 45, 299-304.	1.2	3
34	Isorhamnetin protects against cardiac hypertrophy through blocking PI3Kâ€“AKT pathway. Molecular and Cellular Biochemistry, 2017, 429, 167-177.	3.1	61
35	Rosuvastatin reduces the recurrence rate following catheter ablation for atrial fibrillation in patients with heart failure. Biomedical Reports, 2017, 6, 346-352.	2.0	5
36	Exogenous cathepsin V protein protects human cardiomyocytes HCM from angiotensin â…¡-Induced hypertrophy. International Journal of Biochemistry and Cell Biology, 2017, 89, 6-15.	2.8	4

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37	Sanggenon C protects against cardiomyocyte hypoxia injury by increasing autophagy. Molecular Medicine Reports, 2017, 16, 8130-8136.	2.4	19
38	Kaempferol Alleviates Angiotensin II-Induced Cardiac Dysfunction and Interstitial Fibrosis in Mice. Cellular Physiology and Biochemistry, 2017, 43, 2253-2263.	1.6	37
39	Sanggenon C protects against pressure overload-induced cardiac hypertrophy via the calcineurin/NFAT2 pathway. Molecular Medicine Reports, 2017, 16, 5338-5346.	2.4	8
40	Circulating Long Noncoding RNA HOTAIR is an Essential Mediator of Acute Myocardial Infarction. Cellular Physiology and Biochemistry, 2017, 44, 1497-1508.	1.6	129
41	CCL2/EGF positive feedback loop between cancer cells and macrophages promotes cell migration and invasion in head and neck squamous cell carcinoma. Oncotarget, 2016, 7, 87037-87051.	1.8	55
42	Suppressor of IKKÉ› is an essential negative regulator of pathological cardiac hypertrophy. Nature Communications, 2016, 7, 11432.	12.8	60
43	Targeting TRAF3 signaling protects against hepatic ischemia/reperfusions injury. Journal of Hepatology, 2016, 64, 146-159.	3.7	79
44	TES inhibits colorectal cancer progression through activation of p38. Oncotarget, 2016, 7, 45819-45836.	1.8	16
45	Tumor Necrosis Factor Receptorâ€“Associated Factor 3 Is a Positive Regulator of Pathological Cardiac Hypertrophy. Hypertension, 2015, 66, 356-367.	2.7	48
46	Novel Role for Caspase-Activated DNase in the Regulation of Pathological Cardiac Hypertrophy. Hypertension, 2015, 65, 871-881.	2.7	30
47	Renalase is a novel target gene of hypoxia-inducible factor-1 in protection against cardiac ischaemiaâ€“reperfusion injury. Cardiovascular Research, 2015, 105, 182-191.	3.8	45
48	Cathepsin B deficiency attenuates cardiac remodeling in response to pressure overload via TNF-Î±/ASK1/JNK pathway. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1143-H1154.	3.2	71
49	Neuron-Specific Tumor Necrosis Factor Receptorâ€“Associated Factor 3 Is a Central Regulator of Neuronal Death in Acute Ischemic Stroke. Hypertension, 2015, 66, 604-616.	2.7	33
50	Stabilization of ATF5 by TAK1â€“Nemo-Like Kinase Critically Regulates the Interleukin-1Î²-Stimulated C/EBP Signaling Pathway. Molecular and Cellular Biology, 2015, 35, 778-788.	2.3	20
51	miR-191 promotes tumorigenesis of human colorectal cancer through targeting C/EBPÎ². Oncotarget, 2015, 6, 4144-4158.	1.8	58
52	ZBRK1, a novel tumor suppressor, activates VHL gene transcription through formation of a complex with VHL and p300 in renal cancer. Oncotarget, 2015, 6, 6959-6976.	1.8	23
53	Interferon regulatory factor 9 is critical for neointima formation following vascular injury. Nature Communications, 2014, 5, 5160.	12.8	61
54	A Critical Role for Interferon Regulatory Factor 9 in Cerebral Ischemic Stroke. Journal of Neuroscience, 2014, 34, 11897-11912.	3.6	57

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55	IRF8 suppresses pathological cardiac remodelling by inhibiting calcineurin signalling. Nature Communications, 2014, 5, 3303.	12.8	124
56	Interferon Regulatory Factor 7 Protects Against Vascular Smooth Muscle Cell Proliferation and Neointima Formation. Journal of the American Heart Association, 2014, 3, e001309.	3.7	27
57	Mindin/Spondin 2 inhibits hepatic steatosis, insulin resistance, and obesity via interaction with peroxisome proliferator-activated receptor Î± in mice. Journal of Hepatology, 2014, 60, 1046-1054.	3.7	50
58	Growth/differentiation factor 1 alleviates pressure overload-induced cardiac hypertrophy and dysfunction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 232-244.	3.8	8
59	Identification of Poly(ADP-Ribose) Polymerase-1 as a Cell Cycle Regulator through Modulating Sp1 Mediated Transcription in Human Hepatoma Cells. PLoS ONE, 2013, 8, e82872.	2.5	25
60	The effect of CaO on the physicochemical and biological properties of Î²â€²SiAlON ceramics. Journal of the American Ceramic Society, 0, , .	3.8	0