Qi-Zhu Tang

List of Publications by Year
in descending order

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172 papers	7,226 citations	57758 44 h-index	79698 73 g-index
179 all docs	179 docs citations	179 times ranked	7463 citing authors

#	Article	IF	Citations
1	STING-IRF3 contributes to lipopolysaccharide-induced cardiac dysfunction, inflammation, apoptosis and pyroptosis by activating NLRP3. Redox Biology, 2019, 24, 101215.	9.0	309
2	Ferritinophagy-mediated ferroptosis is involved in sepsis-induced cardiac injury. Free Radical Biology and Medicine, 2020, 160, 303-318.	2.9	302
3	FNDC5 alleviates oxidative stress and cardiomyocyte apoptosis in doxorubicin-induced cardiotoxicity via activating AKT. Cell Death and Differentiation, 2020, 27, 540-555.	11.2	271
4	Cardiac fibrosis: new insights into the pathogenesis. International Journal of Biological Sciences, 2018, 14, 1645-1657.	6.4	225
5	Self-powered cardiovascular electronic devices and systems. Nature Reviews Cardiology, 2021, 18, 7-21.	13.7	206
6	Matrine attenuates oxidative stress and cardiomyocyte apoptosis in doxorubicin-induced cardiotoxicity via maintaining AMPKÎ±/UCP2 pathway. Acta Pharmaceutica Sinica B, 2019, 9, 690-701.	12.0	167
7	Red Blood Cell Distribution Width: A Novel Predictive Indicator for Cardiovascular and Cerebrovascular Diseases. Disease Markers, 2017, 2017, 1-23.	1.3	158
8	Meteorin-like protein attenuates doxorubicin-induced cardiotoxicity via activating cAMP/PKA/SIRT1 pathway. Redox Biology, 2020, 37, 101747.	9.0	133
9	Mechanisms contributing to cardiac remodelling. Clinical Science, 2017, 131, 2319-2345.	4.3	132
10	CTRP3 protected against doxorubicin-induced cardiac dysfunction, inflammation and cell death via activation of Sirt1. Journal of Molecular and Cellular Cardiology, 2018, 114, 38-47.	1.9	126
11	Osteocrin attenuates inflammation, oxidative stress, apoptosis, and cardiac dysfunction in doxorubicinâ€induced cardiotoxicity. Clinical and Translational Medicine, 2020, 10, e124.	4.0	124
12	CTRP3 attenuates cardiac dysfunction, inflammation, oxidative stress and cell death in diabetic cardiomyopathy in rats. Diabetologia, 2017, 60, 1126-1137.	6.3	123
13	Piperine Attenuates Pathological Cardiac Fibrosis Via PPAR-Î³/AKT Pathways. EBioMedicine, 2017, 18, 179-187.	6.1	106
14	Rosmarinic acid attenuates cardiac fibrosis following long-term pressure overload via AMPKÎ±/Smad3 signaling. Cell Death and Disease, 2018, 9, 102.	6.3	106
15	Rosmarinic acid alleviates cardiomyocyte apoptosis via cardiac fibroblast in doxorubicin-induced cardiotoxicity. International Journal of Biological Sciences, 2019, 15, 556-567.	6.4	96
16	Management of heart failure patients with <scp>COVID</scp>â€19: a joint position paper of the Chinese Heart Failure Association & National Heart Failure Committee and the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2020, 22, 941-956.	7.1	95
17	Protection against cardiac hypertrophy by geniposide involves the GLPâ€1 receptor / AMPKÎ± signalling pathway. British Journal of Pharmacology, 2016, 173, 1502-1516.	5.4	94
18	miR-133: A Suppressor of Cardiac Remodeling?. Frontiers in Pharmacology, 2018, 9, 903.	3.5	91

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19	Activating transcription factor 3 in cardiovascular diseases: a potential therapeutic target. Basic Research in Cardiology, 2018, 113, 37.	5.9	87
20	Matrine attenuates pathological cardiac fibrosis via RPS5/p38 in mice. Acta Pharmacologica Sinica, 2021, 42, 573-584.	6.1	87
21	Cardiac-specific mindin overexpression attenuates cardiac hypertrophy via blocking AKT/GSK3Î² and TGF-Î²1â€“Smad signalling. Cardiovascular Research, 2011, 92, 85-94.	3.8	81
22	Underlying the Mechanisms of Doxorubicin-Induced Acute Cardiotoxicity: Oxidative Stress and Cell Death. International Journal of Biological Sciences, 2022, 18, 760-770.	6.4	81
23	Crocetin protects against cardiac hypertrophy by blocking MEKâ€ERK1/2 signalling pathway. Journal of Cellular and Molecular Medicine, 2009, 13, 909-925.	3.6	76
24	Nobiletin attenuates cardiac dysfunction, oxidative stress, and inflammatory in streptozotocin: induced diabetic cardiomyopathy. Molecular and Cellular Biochemistry, 2016, 417, 87-96.	3.1	76
25	Activating Transcription Factor 3 Deficiency Promotes Cardiac Hypertrophy, Dysfunction, and Fibrosis Induced by Pressure Overload. PLoS ONE, 2011, 6, e26744.	2.5	75
26	Puerarin attenuates pressure overload-induced cardiac hypertrophy. Journal of Cardiology, 2014, 63, 73-81.	1.9	73
27	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
28	Lysosomal cysteine peptidase cathepsin L protects against cardiac hypertrophy through blocking AKT/GSK3Î² signaling. Journal of Molecular Medicine, 2009, 87, 249-260.	3.9	70
29	Transcriptional E2F1/2/5/8 as potential targets and transcriptional E2F3/6/7 as new biomarkers for the prognosis of human lung carcinoma. Aging, 2018, 10, 973-987.	3.1	70
30	Myricetin Possesses Potential Protective Effects on Diabetic Cardiomyopathy through Inhibiting I<i>Îº</i>B<i>Î±</i>/NF<i>Îº</i>B and Enhancing Nrf2/HO-1. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	4.0	64
31	C1q-tumour necrosis factor-related protein-3 exacerbates cardiac hypertrophy in mice. Cardiovascular Research, 2019, 115, 1067-1077.	3.8	63
32	Asiatic Acid Protects against Cardiac Hypertrophy through Activating AMPKÎ± Signalling Pathway. International Journal of Biological Sciences, 2016, 12, 861-871.	6.4	60
33	Andrographolide Protects against HG-Induced Inflammation, Apoptosis, Migration, and Impairment of Angiogenesis via PI3K/AKT-eNOS Signalling in HUVECs. Mediators of Inflammation, 2019, 2019, 1-15.	3.0	59
34	Gastrodin protects against cardiac hypertrophy and fibrosis. Molecular and Cellular Biochemistry, 2012, 359, 9-16.	3.1	58
35	Sesamin prevents apoptosis and inflammation after experimental myocardial infarction by JNK and NF-ÎºB pathways. Food and Function, 2017, 8, 2875-2885.	4.6	58
36	Myricetin attenuated LPS induced cardiac injury <i>in vivo</i> and <i>in vitro</i>. Phytotherapy Research, 2018, 32, 459-470.	5.8	58

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37	Oridonin protects against cardiac hypertrophy by promoting P21-related autophagy. Cell Death and Disease, 2019, 10, 403.	6.3	57
38	Andrographolide Protects Against Adverse Cardiac Remodeling After Myocardial Infarction through Enhancing Nrf2 Signaling Pathway. International Journal of Biological Sciences, 2020, 16, 12-26.	6.4	57
39	Endothelial ERG alleviates cardiac fibrosis via blocking endothelin-1-dependent paracrine mechanism. Cell Biology and Toxicology, 2021, 37, 873-890.	5.3	55
40	Cellular Senescence in Cardiovascular Diseases: A Systematic Review. , 2022, 13, 103.		55
41	T-bet deficiency attenuates cardiac remodelling in rats. Basic Research in Cardiology, 2018, 113, 19.	5.9	52
42	TAX1BP1 overexpression attenuates cardiac dysfunction and remodeling in STZ-induced diabetic cardiomyopathy in mice by regulating autophagy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1728-1743.	3.8	51
43	TLR9 is essential for HMGB1-mediated post-myocardial infarction tissue repair through affecting apoptosis, cardiac healing, and angiogenesis. Cell Death and Disease, 2019, 10, 480.	6.3	51
44	LIM and Cysteine-Rich Domains 1 Regulates Cardiac Hypertrophy by Targeting Calcineurin/Nuclear Factor of Activated T Cells Signaling. Hypertension, 2010, 55, 257-263.	2.7	50
45	Geniposide protects against sepsis-induced myocardial dysfunction through AMPKÎ±-dependent pathway. Free Radical Biology and Medicine, 2020, 152, 186-196.	2.9	49
46	Isoquercitrin Attenuated Cardiac Dysfunction Via AMPKÎ±â€Dependent Pathways in LPSâ€Treated Mice. Molecular Nutrition and Food Research, 2018, 62, e1800955.	3.3	45
47	Osteocrin, a novel myokine, prevents diabetic cardiomyopathy via restoring proteasomal activity. Cell Death and Disease, 2021, 12, 624.	6.3	45
48	Fibronectin type III domainâ€containing 5 improves agingâ€related cardiac dysfunction in mice. Aging Cell, 2022, 21, e13556.	6.7	45
49	Toll-like receptor 5 deficiency attenuates interstitial cardiac fibrosis and dysfunction induced by pressure overload by inhibiting inflammation and the endothelialâ€“mesenchymal transition. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2456-2466.	3.8	44
50	Cucurbitacin B Protects Against Pressure Overload Induced Cardiac Hypertrophy. Journal of Cellular Biochemistry, 2017, 118, 3899-3910.	2.6	43
51	Paeoniflorin attenuates pressure overload-induced cardiac remodeling via inhibition of TGFÎ²/Smads and NF-ÎºB pathways. Journal of Molecular Histology, 2013, 44, 357-367.	2.2	42
52	AdipoRon, an adiponectin receptor agonist, attenuates cardiac remodeling induced by pressure overload. Journal of Molecular Medicine, 2018, 96, 1345-1357.	3.9	42
53	Therapeutic Potential of Polyphenols in Cardiac Fibrosis. Frontiers in Pharmacology, 2018, 9, 122.	3.5	41
54	Neuraminidase 1 deficiency attenuates cardiac dysfunction, oxidative stress, fibrosis, inflammatory via AMPK-SIRT3 pathway in diabetic cardiomyopathy mice. International Journal of Biological Sciences, 2022, 18, 826-840.	6.4	40

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55	MicroRNAâ€150 Protects Against Pressure Overloadâ€Induced Cardiac Hypertrophy. Journal of Cellular Biochemistry, 2015, 116, 2166-2176.	2.6	39
56	Sanguinarine Attenuates Lipopolysaccharide-induced Inflammation and Apoptosis by Inhibiting the TLR4/NF-ÎºB Pathway in H9c2 Cardiomyocytes. Current Medical Science, 2018, 38, 204-211.	1.8	39
57	A77 1726 (leflunomide) blocks and reverses cardiac hypertrophy and fibrosis in mice. Clinical Science, 2018, 132, 685-699.	4.3	39
58	Geniposide Alleviates Isoproterenol-Induced Cardiac Fibrosis Partially via SIRT1 Activation in vivo and in vitro. Frontiers in Pharmacology, 2018, 9, 854.	3.5	39
59	Galangin ameliorates cardiac remodeling via the MEK1/2â€"ERK1/2 and PI3Kâ€"AKT pathways. Journal of Cellular Physiology, 2019, 234, 15654-15667.	4.1	39
60	Myricetin Alleviates Pathological Cardiac Hypertrophy via TRAF6/TAK1/MAPK and Nrf2 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-14.	4.0	39
61	Puerarin attenuates the inflammatory response and apoptosis in LPS-stimulated cardiomyocytes. Experimental and Therapeutic Medicine, 2016, 11, 415-420.	1.8	38
62	Baicalein protects against cardiac hypertrophy through blocking MEKâ€ERK1/2 signaling. Journal of Cellular Biochemistry, 2013, 114, 1058-1065.	2.6	37
63	Apigenin alleviates STZ-induced diabetic cardiomyopathy. Molecular and Cellular Biochemistry, 2017, 428, 9-21.	3.1	37
64	Hesperetin attenuates mitochondria-dependent apoptosis in lipopolysaccharide-induced H9C2 cardiomyocytes. Molecular Medicine Reports, 2014, 9, 1941-1946.	2.4	36
65	Aucubin protects against pressure overloadâ€induced cardiac remodelling <i>via</i> the Î²₃â€adrenoceptorâ€"neuronal NOS cascades. British Journal of Pharmacology, 2018, 175, 1548-1566.	5.4	36
66	ATF3 regulates multiple targets and may play a dual role in cardiac hypertrophy and injury. International Journal of Cardiology, 2014, 174, 838-839.	1.7	35
67	Pioglitazone Protected against Cardiac Hypertrophy via Inhibiting AKT/GSK3<i>Î²</i>and MAPK Signaling Pathways. PPAR Research, 2016, 2016, 1-11.	2.4	35
68	OX40 regulates pressure overload-induced cardiac hypertrophy and remodelling via CD4+ T-cells. Clinical Science, 2016, 130, 2061-2071.	4.3	35
69	Sesamin Protects Against Cardiac Remodeling Via Sirt3/ROS Pathway. Cellular Physiology and Biochemistry, 2017, 44, 2212-2227.	1.6	35
70	Naringenin attenuates pressure overload-induced cardiac hypertrophy. Experimental and Therapeutic Medicine, 2015, 10, 2206-2212.	1.8	34
71	Nobiletin, a Polymethoxy Flavonoid, Protects Against Cardiac Hypertrophy Induced by Pressure-Overload via Inhibition of NAPDH Oxidases and Endoplasmic Reticulum Stress. Cellular Physiology and Biochemistry, 2017, 42, 1313-1325.	1.6	34
72	Stem Cell Antigen 1 Protects Against Cardiac Hypertrophy and Fibrosis After Pressure Overload. Hypertension, 2012, 60, 802-809.	2.7	33

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73	Icariin attenuates angiotensin II-induced hypertrophy and apoptosis in H9c2 cardiomyocytes by inhibiting reactive oxygen species-dependent JNK and p38 pathways. Experimental and Therapeutic Medicine, 2014, 7, 1116-1122.	1.8	33
74	Toll-like receptor 5 deficiency diminishes doxorubicin-induced acute cardiotoxicity in mice. Theranostics, 2020, 10, 11013-11025.	10.0	33
75	Acacetin protects against cardiac remodeling after myocardial infarction by mediating MAPK and PI3K/Akt signal pathway. Journal of Pharmacological Sciences, 2017, 135, 156-163.	2.5	32
76	Overexpression of CTRP3 protects against sepsis-induced myocardial dysfunction in mice. Molecular and Cellular Endocrinology, 2018, 476, 27-36.	3.2	32
77	High-mobility group AT-hook 1 promotes cardiac dysfunction in diabetic cardiomyopathy via autophagy inhibition. Cell Death and Disease, 2020, 11, 160.	6.3	32
78	Peroxisome Proliferator-Activated Receptor-<i>Î³</i>Is Critical to Cardiac Fibrosis. PPAR Research, 2016, 2016, 1-12.	2.4	30
79	Mnk1 (Mitogen-Activated Protein Kinaseâ€“Interacting Kinase 1) Deficiency Aggravates Cardiac Remodeling in Mice. Hypertension, 2016, 68, 1393-1399.	2.7	30
80	TLR9 deficiency alleviates doxorubicinâ€induced cardiotoxicity via the regulation of autophagy. Journal of Cellular and Molecular Medicine, 2020, 24, 10913-10923.	3.6	29
81	Sirtuin 6: A potential therapeutic target for cardiovascular diseases. Pharmacological Research, 2021, 163, 105214.	7.1	29
82	Evodiamine attenuates TGF-Î²1-induced fibroblast activation and endothelial to mesenchymal transition. Molecular and Cellular Biochemistry, 2017, 430, 81-90.	3.1	28
83	Geniposide Protects against Obesity-Related Cardiac Injury through AMPK<i>Î±</i>- and Sirt1-Dependent Mechanisms. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12.	4.0	28
84	Deletion of Microfibrillarâ€Associated Protein 4 Attenuates Left Ventricular Remodeling and Dysfunction in Heart Failure. Journal of the American Heart Association, 2020, 9, e015307.	3.7	28
85	Puerarin Protects against Cardiac Fibrosis Associated with the Inhibition of TGF-<i>Î²</i>1/Smad2-Mediated Endothelial-to-Mesenchymal Transition. PPAR Research, 2017, 2017, 1-14.	2.4	27
86	6-Gingerol protects against cardiac remodeling by inhibiting the p38 mitogen-activated protein kinase pathway. Acta Pharmacologica Sinica, 2021, 42, 1575-1586.	6.1	27
87	Caffeic acid phenethyl ester attenuates pathological cardiac hypertrophy by regulation of MEK/ERK signaling pathway in vivo and vitro. Life Sciences, 2017, 181, 53-61.	4.3	26
88	Evodiamine Prevents Isoproterenol-Induced Cardiac Fibrosis by Regulating Endothelial-to-Mesenchymal Transition. Planta Medica, 2017, 83, 761-769.	1.3	26
89	Arctiin protects against cardiac hypertrophy through inhibiting MAPKs and AKT signaling pathways. Journal of Pharmacological Sciences, 2017, 135, 97-104.	2.5	26
90	Aucubin Protects against Myocardial Infarction-Induced Cardiac Remodeling via nNOS/NO-Regulated Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15.	4.0	26

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91	Autophagy is involved in the protective effect of p21 on LPS-induced cardiac dysfunction. Cell Death and Disease, 2020, 11, 554.	6.3	26
92	The effect of HMGA1 in LPS-induced Myocardial Inflammation. International Journal of Biological Sciences, 2020, 16, 1798-1810.	6.4	26
93	Pachymic acid protects H9c2 cardiomyocytes from lipopolysaccharide-induced inflammation and apoptosis by inhibiting the extracellular signal-regulated kinase 1/2 and p38 pathways. Molecular Medicine Reports, 2015, 12, 2807-2813.	2.4	25
94	S100A8/A9 in Myocardial Infarction: A Promising Biomarker and Therapeutic Target. Frontiers in Cell and Developmental Biology, 2020, 8, 603902.	3.7	25
95	Neutrophil degranulation and myocardial infarction. Cell Communication and Signaling, 2022, 20, 50.	6.5	25
96	Antiarrhythmic effect of atorvastatin on autoimmune myocarditis is mediated by improving myocardial repolarization. Life Sciences, 2007, 80, 601-608.	4.3	24
97	3,3â€²-Diindolylmethane Protects against Cardiac Hypertrophy via 5â€²-Adenosine Monophosphate-Activated Protein Kinase-Î±2. PLoS ONE, 2013, 8, e53427.	2.5	24
98	Icariin protects H9c2 cardiomyocytes from lipopolysaccharide-induced injury via inhibition of the reactive oxygen species-dependent c-Jun N-terminal kinases/nuclear factor-Î°B pathway. Molecular Medicine Reports, 2015, 11, 4327-4332.	2.4	23
99	Oleanolic acid alleviated pressure overload-induced cardiac remodeling. Molecular and Cellular Biochemistry, 2015, 409, 145-154.	3.1	23
100	The Roles of Noncardiomyocytes in Cardiac Remodeling. International Journal of Biological Sciences, 2020, 16, 2414-2429.	6.4	23
101	Liquiritin Attenuates Lipopolysaccharides-Induced Cardiomyocyte Injury via an AMP-Activated Protein Kinase-Dependent Signaling Pathway. Frontiers in Pharmacology, 2021, 12, 648688.	3.5	23
102	Cordycepin ameliorates cardiac hypertrophy via activating the AMPKÎ± pathway. Journal of Cellular and Molecular Medicine, 2019, 23, 5715-5727.	3.6	21
103	Sanguinarine inhibits angiotensin II-induced apoptosis in H9c2 cardiac cells via restoring reactive oxygen species-mediated decreases in the mitochondrial membrane potential. Molecular Medicine Reports, 2015, 12, 3400-3408.	2.4	20
104	Identification of Core Gene Biomarkers in Patients with Diabetic Cardiomyopathy. Disease Markers, 2018, 2018, 1-15.	1.3	20
105	Role of autophagy in a model of obesity: A longâ€'term high fat diet induces cardiac dysfunction. Molecular Medicine Reports, 2018, 18, 3251-3261.	2.4	20
106	Indigo Fruits Ingredient, Aucubin, Protects against LPS-Induced Cardiac Dysfunction in Mice. Journal of Pharmacology and Experimental Therapeutics, 2019, 371, 348-359.	2.5	20
107	Identification of differentially expressed genes and preliminary validations in cardiac pathological remodeling induced by transverse aortic constriction. International Journal of Molecular Medicine, 2019, 44, 1447-1461.	4.0	20
108	The protective effect of high mobility group protein HMGA2 in pressure overload-induced cardiac remodeling. Journal of Molecular and Cellular Cardiology, 2019, 128, 160-178.	1.9	20

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109	Activation of Tollâ€like receptor 7 provides cardioprotection in septic cardiomyopathyâ€induced systolic dysfunction. Clinical and Translational Medicine, 2021, 11, e266.	4.0	20
110	Mitochondria in Pathological Cardiac Hypertrophy Research and Therapy. Frontiers in Cardiovascular Medicine, 2021, 8, 822969.	2.4	20
111	Zingerone attenuates aortic bandingâ€induced cardiac remodelling via activating the eNOS/Nrf2 pathway. Journal of Cellular and Molecular Medicine, 2019, 23, 6466-6478.	3.6	19
112	The Role of PPARs in Pathological Cardiac Hypertrophy and Heart Failure. Current Pharmaceutical Design, 2017, 23, 1677-1686.	1.9	19
113	Serum Biomarker Identification by Mass Spectrometry in Acute Aortic Dissection. Cellular Physiology and Biochemistry, 2017, 44, 2147-2157.	1.6	18
114	Bezafibrate Attenuates Pressure Overload-Induced Cardiac Hypertrophy and Fibrosis. PPAR Research, 2017, 2017, 1-12.	2.4	18
115	Piperine Alleviates Doxorubicin-Induced Cardiotoxicity via Activating PPAR-<i>Î³</i> in Mice. PPAR Research, 2019, 2019, 1-11.	2.4	18
116	By restoring autophagic flux and improving mitochondrial function, corosolic acid protects against Dox-induced cardiotoxicity. Cell Biology and Toxicology, 2022, 38, 451-467.	5.3	16
117	Lupeol protects against cardiac hypertrophy via TLR4-PI3K-Akt-NF-ÎºB pathways. Acta Pharmacologica Sinica, 2022, 43, 1989-2002.	6.1	16
118	NEU1 Regulates Mitochondrial Energy Metabolism and Oxidative Stress Post-myocardial Infarction in Mice via the SIRT1/PGC-1 Alpha Axis. Frontiers in Cardiovascular Medicine, 2022, 9, 821317.	2.4	16
119	Sestrin family may play important roles in the regulation of cardiac pathophysiology. International Journal of Cardiology, 2016, 202, 183-184.	1.7	15
120	Aucubin Protects against TGFÎ²1-Induced Cardiac Fibroblasts Activation by Mediating the AMPKÎ±/mTOR Signaling Pathway. Planta Medica, 2018, 84, 91-99.	1.3	15
121	The 5-Lipoxygenase Inhibitor Zileuton Protects Pressure Overload-Induced Cardiac Remodeling via Activating PPAR<i>Î±</i>. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-17.	4.0	15
122	Maslinic acid protects against pressure overload-induced cardiac hypertrophy in mice. Journal of Pharmacological Sciences, 2018, 138, 116-122.	2.5	14
123	Fibronectin type III domain-containing 5 in cardiovascular and metabolic diseases: a promising biomarker and therapeutic target. Acta Pharmacologica Sinica, 2021, 42, 1390-1400.	6.1	14
124	Exosomes secreted by chemoresistant ovarian cancer cells promote angiogenesis. Journal of Ovarian Research, 2021, 14, 7.	3.0	14
125	Never in Mitosis Gene A Related Kinase-6 Attenuates Pressure Overload-Induced Activation of the Protein Kinase B Pathway and Cardiac Hypertrophy. PLoS ONE, 2014, 9, e96095.	2.5	14
126	3,3â€²-Diindolylmethane attenuates cardiac H9c2 cell hypertrophy through 5â€²-adenosine monophosphate-activated protein kinase-Î±. Molecular Medicine Reports, 2015, 12, 1247-1252.	2.4	13

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127	Icariside II attenuates cardiac remodeling via AMPKÎ±2/mTORC1 inÂvivo and inÂvitro. Journal of Pharmacological Sciences, 2018, 138, 38-45.	2.5	13
128	Protection against Doxorubicin-Induced Cytotoxicity by Geniposide Involves AMPK<i>Î±</i> Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	4.0	13
129	A brief overview about the physiology of fibronectin type III domain-containing 5. Cellular Signalling, 2020, 76, 109805.	3.6	13
130	Isoquercitrin protects HUVECs against high glucoseâ€'induced apoptosis through regulating p53 proteasomal degradation. International Journal of Molecular Medicine, 2021, 48, .	4.0	13
131	BMI1 in the heart: Novel functions beyond tumorigenesis. EBioMedicine, 2021, 63, 103193.	6.1	13
132	Atorvastatin ameliorates myocardial ischemia/reperfusion injury through attenuation of endoplasmic reticulum stress-induced apoptosis. International Journal of Clinical and Experimental Medicine, 2014, 7, 4915-23.	1.3	12
133	Effects of hesperetin on platelet-derived growth factor-BB-induced pulmonary artery smooth muscle cell proliferation. Molecular Medicine Reports, 2016, 13, 955-960.	2.4	11
134	Achievement of a target dose of bisoprolol may not be a preferred option for attenuating pressure overload-induced cardiac hypertrophy and fibrosis. Experimental and Therapeutic Medicine, 2016, 12, 2027-2038.	1.8	11
135	Baicalein protects against endothelial cell injury by inhibiting the TLR4/NFâ€Î°B signaling pathway. Molecular Medicine Reports, 2017, 17, 3085-3091.	2.4	11
136	Coumestrol ameliorates doxorubicin-induced cardiotoxicity via activating AMPKÎ±. Free Radical Research, 2020, 54, 629-639.	3.3	11
137	Leukocyte immunoglobulin-like receptor B4 protects against cardiac hypertrophy via SHP-2-dependent inhibition of the NF-Î°B pathway. Journal of Molecular Medicine, 2020, 98, 691-705.	3.9	11
138	Attenuation of cardiac remodeling by indole-3-carbinol in mice is associated with improved energy metabolism. International Journal of Cardiology, 2014, 172, e531-e533.	1.7	10
139	Syringin prevents cardiac hypertrophy induced by pressure overload through the attenuation of autophagy. International Journal of Molecular Medicine, 2017, 39, 199-207.	4.0	10
140	Research Progress on the Interaction Between Autophagy and Energy Homeostasis in Cardiac Remodeling. Frontiers in Pharmacology, 2020, 11, 587438.	3.5	10
141	Critical roles of macrophages in pressure overload-induced cardiac remodeling. Journal of Molecular Medicine, 2021, 99, 33-46.	3.9	10
142	Cardiac Biomarker Abnormalities Are Closely Related to Prognosis in Patients with COVID-19. International Heart Journal, 2021, 62, 148-152.	1.0	10
143	Microarray analysis reveals the role of matrix metalloproteinases in mouse experimental autoimmune myocarditis induced by cardiac myosin peptides. Cellular and Molecular Biology Letters, 2007, 12, 176-91.	7.0	9
144	Sanguinarine protects against pressure overload-induced cardiac remodeling via inhibition of nuclear factor-Î°B activation. Molecular Medicine Reports, 2014, 10, 211-216.	2.4	9

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145	Levosimendan Protects against Doxorubicin-Induced Cardiotoxicity by Regulating the PTEN/Akt Pathway. BioMed Research International, 2020, 2020, 1-11.	1.9	9
146	Role of adiponectin in diabetes myocardial ischemia-reperfusion injury and ischemic postconditioning. Acta Cirurgica Brasileira, 2020, 35, e202000107.	0.7	9
147	Liquiritin Attenuates Pathological Cardiac Hypertrophy by Activating the PKA/LKB1/AMPK Pathway. Frontiers in Pharmacology, 2022, 13, 870699.	3.5	9
148	Nucleotide-Binding Oligomerization Domain-Like Receptor 3 Deficiency Attenuated Isoproterenol-Induced Cardiac Fibrosis via Reactive Oxygen Species/High Mobility Group Box 1 Protein Axis. Frontiers in Cell and Developmental Biology, 2020, 8, 713.	3.7	8
149	High-Mobility Group A1 Promotes Cardiac Fibrosis by Upregulating FOXO1 in Fibroblasts. Frontiers in Cell and Developmental Biology, 2021, 9, 666422.	3.7	8
150	Apocynin attenuates diabetic cardiomyopathy by suppressing ASK1-p38/JNK signaling. European Journal of Pharmacology, 2021, 909, 174402.	3.5	8
151	DIM attenuates TGF-Î²1-induced myofibroblast differentiation in neonatal rat cardiac fibroblasts. International Journal of Clinical and Experimental Pathology, 2015, 8, 5121-8.	0.5	8
152	The pro-migration and anti-apoptosis effects of HMGA2 in HUVECs stimulated by hypoxia. Cell Cycle, 2020, 19, 3534-3545.	2.6	7
153	Diosmetin Protects against Cardiac Hypertrophy via p62/Keap1/Nrf2 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-14.	4.0	7
154	Bcl6 Suppresses Cardiac Fibroblast Activation and Function via Directly Binding to Smad4. Current Medical Science, 2019, 39, 534-540.	1.8	6
155	Knockout of AMPKÎ±2 Blocked the Protection of Sestrin2 Overexpression Against Cardiac Hypertrophy Induced by Pressure Overload. Frontiers in Pharmacology, 2021, 12, 716884.	3.5	6
156	Activation of Nrf2 by Lithospermic Acid Ameliorates Myocardial Ischemia and Reperfusion Injury by Promoting Phosphorylation of AMP-Activated Protein Kinase Î± (AMPKÎ±). Frontiers in Pharmacology, 2021, 12, 794982.	3.5	6
157	Soluble ST2 may possess special superiority as a risk predictor in heart failure patients. International Journal of Cardiology, 2015, 186, 146-147.	1.7	5
158	Pleiotropic and puzzling effects of ATF3 in maladaptive cardiac remodeling. International Journal of Cardiology, 2016, 206, 87-88.	1.7	5
159	Bone morphogenetic protein 10 alleviates doxorubicin-induced cardiac injury via signal transducer and activator of transcription 3 signaling pathway. Bioengineered, 2022, 13, 7471-7484.	3.2	5
160	3,3â€²-Diindolylmethane improves myocardial energy metabolism imbalance induced by pressure overload via AMPKÎ± in mice. International Journal of Cardiology, 2014, 177, 235-237.	1.7	4
161	Shensongyangxin protects against pressure overload-induced cardiac hypertrophy. Molecular Medicine Reports, 2016, 13, 980-988.	2.4	4
162	ATF3: A potential target for cardiac maladaptive remodeling. International Journal of Cardiology, 2016, 202, 50-51.	1.7	4

#	Article	IF	Citations
163	Cardiomyocyte-Specific RIP2 Overexpression Exacerbated Pathologic Remodeling and Contributed to Spontaneous Cardiac Hypertrophy. Frontiers in Cell and Developmental Biology, 2021, 9, 688238.	3.7	4
164	The potential role of PPARÎ³ in obesity-induced adipose tissue inflammation. International Journal of Cardiology, 2018, 266, 220.	1.7	3
165	Combination treatment of perifosine and valsartan showed more efficiency in protecting against pressure overload induced mouse heart failure. Journal of Pharmacological Sciences, 2020, 143, 199-208.	2.5	3
166	SGLT1: A potential target for human ischemic and hypertrophic heart?. International Journal of Cardiology, 2018, 257, 37.	1.7	2
167	TMEM173 protects against pressure overloadâ€induced cardiac hypertrophy by modulating autophagy. Journal of Cellular Physiology, 2021, 236, 5176-5192.	4.1	2
168	Screening of Lipid Metabolism-Related Gene Diagnostic Signature for Patients With Dilated Cardiomyopathy. Frontiers in Cardiovascular Medicine, 2022, 9, 853468.	2.4	2
169	A potential therapeutic approach to cardiac remodeling: JDP2. International Journal of Cardiology, 2018, 254, 283.	1.7	1
170	Analysis of the incidence and baseline predictors of the left ventricular ejection fraction returning to normal after dilated cardiomyopathy in postmenopausal women: a retrospective, observational study. Journal of International Medical Research, 2020, 48, 030006052092247.	1.0	1
171	Contribution of CYP19A1, CYP1A1, and CYP1A2 polymorphisms in coronary heart disease risk among the Chinese Han population. Functional and Integrative Genomics, 2022, , 1.	3.5	1
172	Hyperglycemia induces cardiomyocyte hypertrophy in part through PKCÎ²2 activation in cultured neonatal rat myocytes. FASEB Journal, 2006, 20, A692.	0.5	0