

Nanhu Quan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17 papers	481 citations	12 h-index	17 g-index
17 ext. papers	605 ext. citations	6.5 avg, IF	3.83 L-index

#	Paper	IF	Citations
17	Sestrin2 prevents age-related intolerance to ischemia and reperfusion injury by modulating substrate metabolism. <i>FASEB Journal</i> , 2017 , 31, 4153-4167	0.9	76
16	The protective effect of trimetazidine on myocardial ischemia/reperfusion injury through activating AMPK and ERK signaling pathway. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 122-30	12.7	68
15	Sestrin2 prevents age-related intolerance to post myocardial infarction via AMPK/PGC-1 α pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 115, 170-178	5.8	58
14	Mitochondrial Complex I Inhibition by Metformin Limits Reperfusion Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 369, 282-290	4.7	49
13	The endotoxemia cardiac dysfunction is attenuated by AMPK/mTOR signaling pathway regulating autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 492, 520-527	3.4	37
12	Cardioprotective actions of Notch1 against myocardial infarction via LKB1-dependent AMPK signaling pathway. <i>Biochemical Pharmacology</i> , 2016 , 108, 47-57	6	30
11	Cardiac-Specific Deletion of the Pdha1 Gene Sensitizes Heart to Toxicological Actions of Ischemic Stress. <i>Toxicological Sciences</i> , 2016 , 151, 193-203	4.4	27
10	The Emerging Role of Sestrin2 in Cell Metabolism, and Cardiovascular and Age-Related Diseases 2020 , 11, 154-163		24
9	Dichloroacetate Ameliorates Cardiac Dysfunction Caused by Ischemic Insults Through AMPK Signal Pathway-Not Only Shifts Metabolism. <i>Toxicological Sciences</i> , 2019 , 167, 604-617	4.4	22
8	Targeting ALDH2 for Therapeutic Interventions in Chronic Pain-Related Myocardial Ischemic Susceptibility. <i>Theranostics</i> , 2018 , 8, 1027-1041	12.1	19
7	The Modulation of Cardiac Contractile Function by the Pharmacological and Toxicological Effects of Urocortin2. <i>Toxicological Sciences</i> , 2015 , 148, 581-93	4.4	13
6	Sestrin2 modulates cardiac inflammatory response through maintaining redox homeostasis during ischemia and reperfusion. <i>Redox Biology</i> , 2020 , 34, 101556	11.3	13
5	Sestrin 2 controls the cardiovascular aging process via an integrated network of signaling pathways. <i>Ageing Research Reviews</i> , 2020 , 62, 101096	12	11
4	Activated protein C protects against pressure overload-induced hypertrophy through AMPK signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 2584-2594	3.4	11
3	Sestrin 2, a potential star of antioxidant stress in cardiovascular diseases. <i>Free Radical Biology and Medicine</i> , 2021 , 163, 56-68	7.8	10
2	Substrate metabolism regulated by Sestrin2-mTORC1 alleviates pressure overload-induced cardiac hypertrophy in aged heart. <i>Redox Biology</i> , 2020 , 36, 101637	11.3	8
1	Sestrin2 is an endogenous antioxidant that improves contractile function in the heart during exposure to ischemia and reperfusion stress. <i>Free Radical Biology and Medicine</i> , 2021 , 165, 385-394	7.8	5

