

Zhi-Qing Zhao

List of Publications by Year in descending order

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43
papers

5,234
citations

172457

29
h-index

233421

45
g-index

47
all docs

47
docs citations

47
times ranked

4216
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of myocardial injury by ischemic postconditioning during reperfusion: comparison with ischemic preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H579-H588.	3.2	1,744
2	Postconditioning attenuates myocardial ischemia-induced reperfusion injury by inhibiting events in the early minutes of reperfusion. <i>Cardiovascular Research</i> , 2004, 62, 74-85.	3.8	495
3	Postconditioning reduces infarct size via adenosine receptor activation by endogenous adenosine. <i>Cardiovascular Research</i> , 2005, 67, 124-133.	3.8	261
4	Hypoxic postconditioning reduces cardiomyocyte loss by inhibiting ROS generation and intracellular Ca ²⁺ overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H1900-H1908.	3.2	244
5	Progressively developed myocardial apoptotic cell death during late phase of reperfusion. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2001, 6, 279-290.	4.9	170
6	Myocardial protection with postconditioning is not enhanced by ischemic preconditioning. <i>Annals of Thoracic Surgery</i> , 2004, 78, 961-969.	1.3	170
7	Oxidative stress-elicited myocardial apoptosis during reperfusion. <i>Current Opinion in Pharmacology</i> , 2004, 4, 159-165.	3.5	161
8	Postconditioning attenuates cardiomyocyte apoptosis via inhibition of JNK and p38 mitogen-activated protein kinase signaling pathways. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1583-1593.	4.9	161
9	Myocardial apoptosis and ischemic preconditioning. <i>Cardiovascular Research</i> , 2002, 55, 438-455.	3.8	160
10	Inhibition of myocardial apoptosis reduces infarct size and improves regional contractile dysfunction during reperfusion. <i>Cardiovascular Research</i> , 2003, 59, 132-142.	3.8	130
11	Curcumin promotes cardiac repair and ameliorates cardiac dysfunction following myocardial infarction. <i>British Journal of Pharmacology</i> , 2012, 167, 1550-1562.	5.4	119
12	Infarct-sparing effect of myocardial postconditioning is dependent on protein kinase C signalling. <i>Cardiovascular Research</i> , 2006, 70, 315-324.	3.8	116
13	Reduction in myocardial infarct size by postconditioning in patients after percutaneous coronary intervention. <i>Journal of Invasive Cardiology</i> , 2007, 19, 424-30.	0.4	104
14	Dynamic Progression of Contractile and Endothelial Dysfunction and Infarct Extension in the Late Phase of Reperfusion. <i>Journal of Surgical Research</i> , 2000, 94, 133-144.	1.6	95
15	Evidence that cardioprotection by postconditioning involves preservation of myocardial opioid content and selective opioid receptor activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H1444-H1451.	3.2	88
16	INHIBITION OF MYOCARDIAL APOPTOSIS BY POSTCONDITIONING IS ASSOCIATED WITH ATTENUATION OF OXIDATIVE STRESS-MEDIATED NUCLEAR FACTOR- κ B TRANSLOCATION AND TNF α RELEASE. <i>Shock</i> , 2008, 29, 761-768.	2.1	83
17	Improvement in Cardiac Function With Small Intestine Extracellular Matrix Is Associated With Recruitment of C-Kit Cells, Myofibroblasts, and Macrophages After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1250-1261.	2.8	79
18	Nitric Oxide and the Vascular Endothelium in Myocardial Ischemia-Reperfusion Injury. <i>Annals of the New York Academy of Sciences</i> , 1999, 874, 354-370.	3.8	75

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19	Persistent beneficial effect of postconditioning against infarct size: role of mitochondrial KATP channels during reperfusion. <i>Basic Research in Cardiology</i> , 2008, 103, 472-484.	5.9	72
20	Preservation of Glucagon-Like Peptide-1 Level Attenuates Angiotensin II-Induced Tissue Fibrosis by Altering AT1/AT2 Receptor Expression and Angiotensin-Converting Enzyme 2 Activity in Rat Heart. <i>Cardiovascular Drugs and Therapy</i> , 2015, 29, 243-255.	2.6	69
21	Long-term inhibition of myocardial infarction by postconditioning during reperfusion. <i>Basic Research in Cardiology</i> , 2007, 102, 90-100.	5.9	65
22	Loss of Myocardial Ischemic Postconditioning in Adenosine A ₁ and Bradykinin B ₂ Receptors Gene Knockout Mice. <i>Circulation</i> , 2008, 118, S32-7.	1.6	65
23	Postconditioning in Reperfusion Injury: A Status Report. <i>Cardiovascular Drugs and Therapy</i> , 2010, 24, 265-279.	2.6	64
24	Attenuation of myocardial fibrosis with curcumin is mediated by modulating expression of angiotensin II AT1/AT2 receptors and ACE2 in rats. <i>Drug Design, Development and Therapy</i> , 2015, 9, 6043.	4.3	56
25	Attenuation of renal ischemia-reperfusion injury by postconditioning involves adenosine receptor and protein kinase C activation. <i>Transplant International</i> , 2010, 23, 217-226.	1.6	41
26	Angiotensin II AT1 receptor alters ACE2 activity, eNOS expression and CD44-hyaluronan interaction in rats with hypertension and myocardial fibrosis. <i>Life Sciences</i> , 2016, 153, 141-152.	4.3	39
27	Attenuation of Inflammatory Response and Reduction in Infarct Size by Postconditioning Are Associated With Downregulation of Early Growth Response 1 During Reperfusion in Rat Heart. <i>Shock</i> , 2014, 41, 346-354.	2.1	37
28	Liraglutide attenuates cardiac remodeling and improves heart function after abdominal aortic constriction through blocking angiotensin II type 1 receptor in rats. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 2745-2757.	4.3	33
29	Edaravone inhibits pressure overload-induced cardiac fibrosis and dysfunction by reducing expression of angiotensin II AT1 receptor. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 3019-3033.	4.3	30
30	PAR-2 activation at the time of reperfusion salvages myocardium via an ERK1/2 pathway in in vivo rat hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2845-H2852.	3.2	29
31	Recruitment of macrophages from the spleen contributes to myocardial fibrosis and hypertension induced by angiotensin II. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2017, 18, 147032031770665.	1.7	26
32	Curcumin inhibits cardiac hypertrophy and improves cardiovascular function via enhanced Na ⁺ /Ca ²⁺ exchanger expression after transverse abdominal aortic constriction in rats. <i>Pharmacological Reports</i> , 2018, 70, 60-68.	3.3	25
33	CD44 Deficiency in Mice Protects the Heart Against Angiotensin II-Induced Cardiac Fibrosis. <i>Shock</i> , 2019, 51, 372-380.	2.1	14
34	Exogenous supplement of glucagon like peptide-1 protects the heart against aortic banding induced myocardial fibrosis and dysfunction through inhibiting mTOR/p70S6K signaling and promoting autophagy. <i>European Journal of Pharmacology</i> , 2020, 883, 173318.	3.5	14
35	Glucagon-Like Peptide-1 Analog Liraglutide Attenuates Pressure-Overload Induced Cardiac Hypertrophy and Apoptosis through Activating ATP Sensitive Potassium Channels. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 87-101.	2.6	14
36	Comparison of AMP579 and adenosine in inhibition of cell-cell interaction between human neutrophil and vascular endothelial cell. <i>Drug Development Research</i> , 2000, 49, 266-272.	2.9	11

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37	Suppression of angiotensin II-activated NOX4/NADPH oxidase and mitochondrial dysfunction by preserving glucagon-like peptide-1 attenuates myocardial fibrosis and hypertension. <i>European Journal of Pharmacology</i> , 2022, 927, 175048.	3.5	11
38	Conservation of glucagon like peptide-1 level with liraglutide and linagliptin protects the kidney against angiotensin II-induced tissue fibrosis in rats. <i>European Journal of Pharmacology</i> , 2020, 867, 172844.	3.5	7
39	Steroidogenic acute regulatory protein/aldosterone synthase mediates angiotensin II-induced cardiac fibrosis and hypertrophy. <i>Molecular Biology Reports</i> , 2020, 47, 1207-1222.	2.3	7
40	A Novel Mitochondrial Complex of Aldosterone Synthase, Steroidogenic Acute Regulatory Protein, and Tom22 Synthesizes Aldosterone in the Rat Heart. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 377, 108-120.	2.5	7
41	Postconditioning attenuates coronary perivascular and interstitial fibrosis through modulating angiotensin II receptors and angiotensin-converting enzyme 2 after myocardial infarction. <i>Journal of Surgical Research</i> , 2017, 211, 178-190.	1.6	4
42	Treatment with dietary cyclosporine has no direct effect on myocardial fibrosis and hypertension in mice. <i>MOJ Drug Design Development & Therapy</i> , 2017, 1, .	0.1	0
43	SAT-562 Angiotensin II Induces Aldosterone Synthesis in the Rat Heart Stressed by Angiotensin II. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0