

Yun Zhang

List of Publications by Citations

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217
papers

6,384
citations

43
h-index

69
g-index

229
ext. papers

7,658
ext. citations

5.8
avg. IF

5.57
L-index

#	Paper	IF	Citations
217	Recommendations for the imaging assessment of prosthetic heart valves: a report from the European Association of Cardiovascular Imaging endorsed by the Chinese Society of Echocardiography, the Inter-American Society of Echocardiography, and the Brazilian Department of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 589-90	4.1	258
216	NLRP3 gene silencing ameliorates diabetic cardiomyopathy in a type 2 diabetes rat model. <i>PLoS ONE</i> , 2014 , 9, e104771	3.7	211
215	Traditional Chinese Medicine for Cardiovascular Disease: Evidence and Potential Mechanisms. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2952-2966	15.1	206
214	Regulatory T cells in cardiovascular diseases. <i>Nature Reviews Cardiology</i> , 2016 , 13, 167-79	14.8	201
213	Activation of AMP-activated protein kinase α by nicotine instigates formation of abdominal aortic aneurysms in mice in vivo. <i>Nature Medicine</i> , 2012 , 18, 902-10	50.5	181
212	Cold exposure promotes atherosclerotic plaque growth and instability via UCP1-dependent lipolysis. <i>Cell Metabolism</i> , 2013 , 18, 118-29	24.6	148
211	An activator of mTOR inhibits oxLDL-induced autophagy and apoptosis in vascular endothelial cells and restricts atherosclerosis in apolipoprotein E ^{-/-} mice. <i>Scientific Reports</i> , 2014 , 4, 5519	4.9	121
210	Activation of SIRT3 by resveratrol ameliorates cardiac fibrosis and improves cardiac function via the TGF- β /Smad3 pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H424-34	5.2	117
209	A new microRNA signal pathway regulated by long noncoding RNA TGFB2-OT1 in autophagy and inflammation of vascular endothelial cells. <i>Autophagy</i> , 2015 , 11, 2172-83	10.2	113
208	Identification of a novel MTOR activator and discovery of a competing endogenous RNA regulating autophagy in vascular endothelial cells. <i>Autophagy</i> , 2014 , 10, 957-61	10.2	112
207	TRB3 gene silencing alleviates diabetic cardiomyopathy in a type 2 diabetic rat model. <i>Diabetes</i> , 2011 , 60, 2963-74	0.9	109
206	Selective inhibition of PI3K/Akt/mTOR signaling pathway regulates autophagy of macrophage and vulnerability of atherosclerotic plaque. <i>PLoS ONE</i> , 2014 , 9, e90563	3.7	102
205	Overexpression of ACE2 enhances plaque stability in a rabbit model of atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1270-6	9.4	102
204	Angiotensin-converting enzyme 2 attenuates atherosclerotic lesions by targeting vascular cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15886-91	11.5	100
203	Serum amyloid A directly accelerates the progression of atherosclerosis in apolipoprotein E-deficient mice. <i>Molecular Medicine</i> , 2011 , 17, 1357-64	6.2	93
202	Angiotensin-converting enzyme (ACE) 2 overexpression ameliorates glomerular injury in a rat model of diabetic nephropathy: a comparison with ACE inhibition. <i>Molecular Medicine</i> , 2011 , 17, 59-69	6.2	91
201	Combinatorial protein therapy of angiogenic and arteriogenic factors remarkably improves collateralogenesis and cardiac function in pigs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12140-5	11.5	90

200	Angiotensin-converting enzyme-2 overexpression improves left ventricular remodeling and function in a rat model of diabetic cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 739-47	15.1	88
199	Up-regulation of thioredoxin interacting protein (Txnip) by p38 MAPK and FOXO1 contributes to the impaired thioredoxin activity and increased ROS in glucose-treated endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 381, 660-5	3.4	88
198	Oral rapamycin attenuates inflammation and enhances stability of atherosclerotic plaques in rabbits independent of serum lipid levels. <i>British Journal of Pharmacology</i> , 2009 , 156, 941-51	8.6	78
197	Inhibition of high-mobility group box 1 improves myocardial fibrosis and dysfunction in diabetic cardiomyopathy. <i>International Journal of Cardiology</i> , 2014 , 172, 202-12	3.2	75
196	Statins induce the accumulation of regulatory T cells in atherosclerotic plaque. <i>Molecular Medicine</i> , 2012 , 18, 598-605	6.2	75
195	Effect of 27nt small RNA on endothelial nitric-oxide synthase expression. <i>Molecular Biology of the Cell</i> , 2008 , 19, 3997-4005	3.5	73
194	Association of plasma brain-derived neurotrophic factor and cardiovascular risk factors and prognosis in angina pectoris. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 415, 99-103	3.4	72
193	Mouse SIRT3 attenuates hypertrophy-related lipid accumulation in the heart through the deacetylation of LCAD. <i>PLoS ONE</i> , 2015 , 10, e0118909	3.7	66
192	Hepcidin destabilizes atherosclerotic plaque via overactivating macrophages after erythrophagocytosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1158-66	9.4	64
191	Traditional Chinese medication Tongxinluo dose-dependently enhances stability of vulnerable plaques: a comparison with a high-dose simvastatin therapy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H2004-14	5.2	62
190	Traditional Chinese medication for cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2015 , 12, 115-22	14.8	61
189	Chinese medicine tongxinluo significantly lowers serum lipid levels and stabilizes vulnerable plaques in a rabbit model. <i>Journal of Ethnopharmacology</i> , 2009 , 124, 103-10	5	57
188	High glucose promotes the production of collagen types I and III by cardiac fibroblasts through a pathway dependent on extracellular-signal-regulated kinase 1/2. <i>Molecular and Cellular Biochemistry</i> , 2007 , 301, 109-14	4.2	57
187	Circulating microRNAs serve as novel biological markers for intracranial aneurysms. <i>Journal of the American Heart Association</i> , 2014 , 3, e000972	6	54
186	Pathological mechanisms and dose dependency of erythrocyte-induced vulnerability of atherosclerotic plaques. <i>Journal of Molecular and Cellular Cardiology</i> , 2007 , 43, 272-80	5.8	52
185	A snake-based method for segmentation of intravascular ultrasound images and its in vivo validation. <i>Ultrasonics</i> , 2011 , 51, 181-9	3.5	51
184	Biogenesis of short intronic repeat 27-nucleotide small RNA from endothelial nitric-oxide synthase gene. <i>Journal of Biological Chemistry</i> , 2008 , 283, 14685-93	5.4	50
183	Angiotensin-(1-7) dose-dependently inhibits atherosclerotic lesion formation and enhances plaque stability by targeting vascular cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1978-85	9.4	49

182	HMGB1 mediates hyperglycaemia-induced cardiomyocyte apoptosis via ERK/Ets-1 signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 2311-20	5.6	48
181	Involvement of integrins, MAPK, and NF-kappaB in regulation of the shear stress-induced MMP-9 expression in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 353, 152-8	3.4	48
180	MicroRNA-7a/b protects against cardiac myocyte injury in ischemia/reperfusion by targeting poly(ADP-ribose) polymerase. <i>PLoS ONE</i> , 2014 , 9, e90096	3.7	47
179	Regulatory T cells prevent angiotensin II-induced abdominal aortic aneurysm in apolipoprotein E knockout mice. <i>Hypertension</i> , 2014 , 64, 875-82	8.5	45
178	The role of carotid plaque vulnerability and inflammation in the pathogenesis of acute ischemic stroke. <i>American Journal of the Medical Sciences</i> , 2008 , 336, 27-31	2.2	44
177	Intestinal Flora Modulates Blood Pressure by Regulating the Synthesis of Intestinal-Derived Corticosterone in High Salt-Induced Hypertension. <i>Circulation Research</i> , 2020 , 126, 839-853	15.7	43
176	Similarities and Differences in Left Ventricular Size and Function among Races and Nationalities: Results of the World Alliance Societies of Echocardiography Normal Values Study. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 1396-1406.e2	5.8	43
175	CRP enhances soluble LOX-1 release from macrophages by activating TNF- α -converting enzyme. <i>Journal of Lipid Research</i> , 2011 , 52, 923-33	6.3	43
174	DKK3 (Dickkopf 3) Alters Atherosclerotic Plaque Phenotype Involving Vascular Progenitor and Fibroblast Differentiation Into Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 425-437	9.4	42
173	Prediction of atherosclerotic plaque ruptures with high-frequency ultrasound imaging and serum inflammatory markers. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H2836-44	5.2	42
172	Angiotensin-(1-7) Suppresses Hepatocellular Carcinoma Growth and Angiogenesis via Complex Interactions of Angiotensin II Type 1 Receptor, Angiotensin II Type 2 Receptor and Mas Receptor. <i>Molecular Medicine</i> , 2015 , 21, 626-36	6.2	41
171	CTRP9 enhances carotid plaque stability by reducing pro-inflammatory cytokines in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 458, 890-5	3.4	39
170	The characteristics and outcomes of 681 severe cases with COVID-19 in China. <i>Journal of Critical Care</i> , 2020 , 60, 32-37	4	39
169	Arginase I attenuates inflammatory cytokine secretion induced by lipopolysaccharide in vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1853-60	9.4	39
168	Cardiopulmonary Resuscitation Training in China: Current Situation and Future Development. <i>JAMA Cardiology</i> , 2017 , 2, 469-470	16.2	36
167	Atherosclerotic plaque disruption induced by stress and lipopolysaccharide in apolipoprotein E knockout mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H1598-606	5.2	36
166	Micro-ultrasound imaging assessment of carotid plaque characteristics in apolipoprotein-E knockout mice. <i>Atherosclerosis</i> , 2008 , 197, 64-71	3.1	36
165	A miR-327-FGF10-FGFR2-mediated autocrine signaling mechanism controls white fat browning. <i>Nature Communications</i> , 2017 , 8, 2079	17.4	35

164	TNF-alpha suppresses prolyl-4-hydroxylase alpha1 expression via the ASK1-JNK-NonO pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1760-7	9.4	35
163	Aldehyde dehydrogenase 2 inhibits inflammatory response and regulates atherosclerotic plaque. <i>Oncotarget</i> , 2016 , 7, 35562-35576	3.3	35
162	PPARgamma1-induced caveolin-1 enhances cholesterol efflux and attenuates atherosclerosis in apolipoprotein E-deficient mice. <i>Journal of Vascular Research</i> , 2010 , 47, 69-79	1.9	34
161	Tim-3 Is Upregulated in NK Cells during Early Pregnancy and Inhibits NK Cytotoxicity toward Trophoblast in Galectin-9 Dependent Pathway. <i>PLoS ONE</i> , 2016 , 11, e0147186	3.7	34
160	Microscopic Pore Structure of Surrounding Rock for Underground Strategic Petroleum Reserve (SPR) Caverns in Bedded Rock Salt. <i>Energies</i> , 2020 , 13, 1565	3.1	33
159	Dickkopf1 destabilizes atherosclerotic plaques and promotes plaque formation by inducing apoptosis of endothelial cells through activation of ER stress. <i>Cell Death and Disease</i> , 2017 , 8, e2917	9.8	33
158	Angiotensin-(1-7) treatment mitigates right ventricular fibrosis as a distinctive feature of diabetic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H1007-19	5.2	33
157	Neferine inhibits proliferation and collagen synthesis induced by high glucose in cardiac fibroblasts and reduces cardiac fibrosis in diabetic mice. <i>Oncotarget</i> , 2016 , 7, 61703-61715	3.3	31
156	Local gene silencing of monocyte chemoattractant protein-1 prevents vulnerable plaque disruption in apolipoprotein E-knockout mice. <i>PLoS ONE</i> , 2012 , 7, e33497	3.7	31
155	AMPK β inactivation destabilizes atherosclerotic plaque in streptozotocin-induced diabetic mice through AP-2 β /miRNA-124 axis. <i>Journal of Molecular Medicine</i> , 2018 , 96, 403-412	5.5	30
154	Regulatory T cells prevent plaque disruption in apolipoprotein E-knockout mice. <i>International Journal of Cardiology</i> , 2013 , 168, 2684-92	3.2	30
153	Echocardiographic measurements in normal chinese adults focusing on cardiac chambers and great arteries: a prospective, nationwide, and multicenter study. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 570-9	5.8	29
152	MiR-26a contributes to the PDGF-BB-induced phenotypic switch of vascular smooth muscle cells by suppressing Smad1. <i>Oncotarget</i> , 2017 , 8, 75844-75853	3.3	29
151	Ginsenoside-Rg1 enhances angiogenesis and ameliorates ventricular remodeling in a rat model of myocardial infarction. <i>Journal of Molecular Medicine</i> , 2011 , 89, 363-75	5.5	29
150	Cross talk among Smad, MAPK, and integrin signaling pathways enhances adventitial fibroblast functions activated by transforming growth factor-beta1 and inhibited by Gax. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 725-31	9.4	29
149	Negative effect of [bmim][PF6] on the catalytic activity of alcohol dehydrogenase: mechanism and prevention. <i>Journal of Chemical Technology and Biotechnology</i> , 2008 , 83, 1230-1235	3.5	29
148	Heme oxygenase-1 inhibits progression and destabilization of vulnerable plaques in a rabbit model of atherosclerosis. <i>European Journal of Pharmacology</i> , 2011 , 672, 143-52	5.3	28
147	Effects and mechanisms of PPARalpha activator fenofibrate on myocardial remodelling in hypertension. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 4444-52	5.6	27

146	Dominant-negative mutation of monocyte chemoattractant protein-1 prevents vulnerable plaques from rupture in rabbits independent of serum lipid levels. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 2362-71	5.6	27
145	Poly(ADP-ribose) polymerase 1 is indispensable for transforming growth factor- β -induced Smad3 activation in vascular smooth muscle cell. <i>PLoS ONE</i> , 2011 , 6, e27123	3.7	27
144	Activation of activator protein 2 alpha by aspirin alleviates atherosclerotic plaque growth and instability in vivo. <i>Oncotarget</i> , 2016 , 7, 52729-52739	3.3	27
143	Involving Single-Atom Silver(0) in Selective Dehalogenation by AgF under Visible-Light Irradiation. <i>ACS Catalysis</i> , 2019 , 9, 6335-6341	13.1	26
142	Bladder drug mirabegron exacerbates atherosclerosis through activation of brown fat-mediated lipolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10937-10942	11.5	26
141	Dickkopf-1 as a novel predictor is associated with risk stratification by GRACE risk scores for predictive value in patients with acute coronary syndrome: a retrospective research. <i>PLoS ONE</i> , 2013 , 8, e54731	3.7	26
140	Adipose HuR protects against diet-induced obesity and insulin resistance. <i>Nature Communications</i> , 2019 , 10, 2375	17.4	25
139	Inhibition of Pin1 alleviates myocardial fibrosis and dysfunction in STZ-induced diabetic mice. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 479, 109-15	3.4	25
138	D609 inhibits progression of preexisting atheroma and promotes lesion stability in apolipoprotein e-/- mice: a role of phosphatidylcholine-specific phospholipase in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 411-8	9.4	25
137	Peak radial and circumferential strain measured by velocity vector imaging is a novel index for detecting vulnerable plaques in a rabbit model of atherosclerosis. <i>Atherosclerosis</i> , 2010 , 211, 146-52	3.1	25
136	Chymase activity is closely related with plaque vulnerability in a hamster model of atherosclerosis. <i>Atherosclerosis</i> , 2009 , 207, 59-67	3.1	25
135	Tightness Analysis of Underground Natural Gas and Oil Storage Caverns With Limit Pillar Widths in Bedded Rock Salt. <i>IEEE Access</i> , 2020 , 8, 12130-12145	3.5	24
134	Antagonist of microRNA-21 improves balloon injury-induced rat iliac artery remodeling by regulating proliferation and apoptosis of adventitial fibroblasts and myofibroblasts. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 2989-3001	4.7	24
133	Antimetastasis and antitumor efficacy promoted by sequential release of vascular disrupting and chemotherapeutic agents from electrospun fibers. <i>International Journal of Pharmaceutics</i> , 2014 , 475, 438-49	6.5	23
132	Inhibition of MEF2A prevents hyperglycemia-induced extracellular matrix accumulation by blocking Akt and TGF- β /Smad activation in cardiac fibroblasts. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 69, 52-61	5.6	22
131	Tuning multiple arms for camptothecin and folate conjugations on star-shaped copolymers to enhance glutathione-mediated intracellular drug delivery. <i>Polymer Chemistry</i> , 2015 , 6, 2192-2203	4.9	22
130	Transcoronary concentration gradient of sCD40L and hsCRP in patients with coronary heart disease. <i>Clinical Cardiology</i> , 2007 , 30, 86-91	3.3	22
129	Inhibition of poly(ADP-ribose) polymerase 1 protects against acute myeloid leukemia by suppressing the myeloproliferative leukemia virus oncogene. <i>Oncotarget</i> , 2015 , 6, 27490-504	3.3	22

128	Doppler Echocardiographic Measurements in Normal Chinese Adults (EMINCA): a prospective, nationwide, and multicentre study. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 512-22	4.1	21
127	Adiponectin reduces carotid atherosclerotic plaque formation in ApoE ^{-/-} mice: roles of oxidative and nitrosative stress and inducible nitric oxide synthase. <i>Molecular Medicine Reports</i> , 2015 , 11, 1715-21	2.9	21
126	A causal relationship between shear stress and atherosclerotic lesions in apolipoprotein E knockout mice assessed by ultrasound biomicroscopy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H2121-9	5.2	21
125	Efficacy and safety of drug-eluting stents in patients with acute ST-segment-elevation myocardial infarction: a meta-analysis of randomized controlled trials. <i>Texas Heart Institute Journal</i> , 2010 , 37, 516-24	0.8	21
124	Tyrosine kinase receptor B protects against coronary artery disease and promotes adult vasculature integrity by regulating Ets1-mediated VE-cadherin expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 580-8	9.4	20
123	Combination of angiotensin-(1-7) with perindopril is better than single therapy in ameliorating diabetic cardiomyopathy. <i>Scientific Reports</i> , 2015 , 5, 8794	4.9	20
122	Adventitial lymphatic vessels -- an important role in atherosclerosis. <i>Medical Hypotheses</i> , 2007 , 69, 1238-48	4.8	19
121	Comparison of angiotensin-(1-7), losartan and their combination on atherosclerotic plaque formation in apolipoprotein E knockout mice. <i>Atherosclerosis</i> , 2015 , 240, 544-9	3.1	18
120	Endocrine vasculatures are preferable targets of an antitumor ineffective low dose of anti-VEGF therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 4158-63	11.5	18
119	TIA1 interacts with annexin A7 in regulating vascular endothelial cell autophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 57, 115-22	5.6	18
118	Gene silencing of TACE enhances plaque stability and improves vascular remodeling in a rabbit model of atherosclerosis. <i>Scientific Reports</i> , 2015 , 5, 17939	4.9	18
117	Dose-Dependent Bidirectional Effect of Angiotensin IV on Abdominal Aortic Aneurysm via Variable Angiotensin Receptor Stimulation. <i>Hypertension</i> , 2015 , 66, 617-26	8.5	18
116	Endogenous activated angiotensin-(1-7) plays a protective effect against atherosclerotic plaques unstability in high fat diet fed ApoE knockout mice. <i>International Journal of Cardiology</i> , 2015 , 184, 645-652	3.2	17
115	Strain/strain rate imaging of impaired left atrial function in patients with metabolic syndrome. <i>Hypertension Research</i> , 2015 , 38, 758-64	4.7	17
114	Upregulation of Dickkopf1 by oscillatory shear stress accelerates atherogenesis. <i>Journal of Molecular Medicine</i> , 2016 , 94, 431-41	5.5	17
113	Enhanced stabilization of atherosclerotic plaques in apolipoprotein E-knockout mice by combinatorial Toll-like receptor-1 and -2 gene silencing. <i>Human Gene Therapy</i> , 2009 , 20, 739-50	4.8	17
112	Aortic adventitial angiogenesis and lymphangiogenesis promote intimal inflammation and hyperplasia. <i>Cardiovascular Pathology</i> , 2009 , 18, 269-78	3.8	17
111	Switching harmful visceral fat to beneficial energy combustion improves metabolic dysfunctions. <i>JCI Insight</i> , 2017 , 2, e89044	9.9	16

110	Specific matrix metalloproteinases play different roles in intraplaque angiogenesis and plaque instability in rabbits. <i>PLoS ONE</i> , 2014 , 9, e107851	3.7	16
109	Atherosclerotic plaque components characterization and macrophage infiltration identification by intravascular ultrasound elastography based on b-mode analysis: validation in vivo. <i>International Journal of Cardiovascular Imaging</i> , 2011 , 27, 39-49	2.5	16
108	Intraplaque injection of Ad5-CMV.p53 aggravates local inflammation and leads to plaque instability in rabbits. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2713-2723	5.6	16
107	Role of NonO-histone interaction in TNFalpha-suppressed prolyl-4-hydroxylase alpha1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008 , 1783, 1517-28	4.9	16
106	Peroxisome proliferator-activated receptor-gamma1 gene therapy attenuates atherosclerosis and stabilizes plaques in apolipoprotein E-deficient mice. <i>Human Gene Therapy</i> , 2008 , 19, 287-299	4.8	16
105	Usefulness of high-frequency vascular ultrasound imaging and serum inflammatory markers to predict plaque rupture in patients with stable and unstable angina pectoris. <i>American Journal of Cardiology</i> , 2007 , 100, 1341-6	3	16
104	Uninterrupted dabigatran versus warfarin in the treatment of intracardiac thrombus in patients with non-valvular atrial fibrillation. <i>International Journal of Cardiology</i> , 2015 , 190, 63-6	3.2	15
103	Valsartan blocks thrombospondin/transforming growth factor/Smads to inhibit aortic remodeling in diabetic rats. <i>Diagnostic Pathology</i> , 2015 , 10, 18	3	15
102	TRAIL/DR5 signaling promotes macrophage foam cell formation by modulating scavenger receptor expression. <i>PLoS ONE</i> , 2014 , 9, e87059	3.7	15
101	Protective effects of a compound herbal extract (Tong Xin Luo) on free fatty acid induced endothelial injury: implications of antioxidant system. <i>BMC Complementary and Alternative Medicine</i> , 2008 , 8, 39	4.7	15
100	Improvement of the catalytic performance of lignin peroxidase in reversed micelles. <i>Journal of Chemical Technology and Biotechnology</i> , 2008 , 83, 64-70	3.5	15
99	Catalytic performance of lignin peroxidase in a novel reverse micelle. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 65, 50-3	6	15
98	Both senescence and apoptosis induced by deprivation of growth factors were inhibited by a novel butyrolactone derivative through depressing integrin beta4 in vascular endothelial cells. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2007 , 14, 325-32		15
97	Carotid artery plaque intervention with Tongxinluo capsule (CAPITAL): A multicenter randomized double-blind parallel-group placebo-controlled study. <i>Scientific Reports</i> , 2019 , 9, 4545	4.9	14
96	Simvastatin increases Prolyl-4-Hydroxylase β expression in atherosclerotic plaque and ox-LDL-stimulated human aortic smooth muscle cells via p38 MAPK and ERK1/2 signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 65, 43-50	5.8	14
95	Doxycycline stabilizes vulnerable plaque via inhibiting matrix metalloproteinases and attenuating inflammation in rabbits. <i>PLoS ONE</i> , 2012 , 7, e39695	3.7	14
94	A novel butyrolactone derivative inhibited smooth muscle cell migration and proliferation and maintained endothelial cell functions through selectively affecting Na, K-ATPase activity and mitochondria membrane potential during in vitro angiogenesis. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 2123-30	4.7	14
93	Imbalance between angiotensin II and angiotensin-(1-7) in human coronary atherosclerosis. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016 , 17,	3	13

92	Intravascular ultrasound area strain imaging used to characterize tissue components and assess vulnerability of atherosclerotic plaques in a rabbit model. <i>Ultrasound in Medicine and Biology</i> , 2011 , 37, 1579-87	3.5	13
91	A proton-activated, outwardly rectifying chloride channel in human umbilical vein endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 371, 437-40	3.4	13
90	Tongxinluo mitigates atherogenesis by regulating angiogenic factors and inhibiting vasa vasorum neovascularization in apolipoprotein E-deficient mice. <i>Oncotarget</i> , 2016 , 7, 16194-204	3.3	13
89	Human monocytes undergo functional re-programming during differentiation to dendritic cell mediated by human extravillous trophoblasts. <i>Scientific Reports</i> , 2016 , 6, 20409	4.9	12
88	Effect of rosuvastatin on atherosclerotic plaque stability: An intravascular ultrasound elastography study. <i>Atherosclerosis</i> , 2016 , 248, 27-35	3.1	12
87	Evidence for traditional Chinese medication to treat cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2015 , 12, 374	14.8	12
86	Combinatorial interference of toll-like receptor 2 and 4 synergistically stabilizes atherosclerotic plaque in apolipoprotein E-knockout mice. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 602-11	5.6	12
85	Angiotensin-(1-7) mitigated angiotensin II-induced abdominal aortic aneurysms in apolipoprotein E-knockout mice. <i>British Journal of Pharmacology</i> , 2020 , 177, 1719-1734	8.6	12
84	Silencing of NONO inhibits abdominal aortic aneurysm in apolipoprotein E-knockout mice via collagen deposition and inflammatory inhibition. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 7449-7461	5.6	11
83	Smooth muscle-specific Gs α deletion exaggerates angiotensin II-induced abdominal aortic aneurysm formation in mice in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 132, 49-59	5.8	11
82	Attenuation of atherosclerotic lesions in diabetic apolipoprotein E-deficient mice using gene silencing of macrophage migration inhibitory factor. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 836-49	5.6	11
81	The effect of two novel amino acid-coated magnetic nanoparticles on survival in vascular endothelial cells, bone marrow stromal cells, and macrophages. <i>Nanoscale Research Letters</i> , 2014 , 9, 461 ⁵		11
80	Haemin-enhanced expression of haem oxygenase-1 stabilizes erythrocyte-induced vulnerable atherosclerotic plaques. <i>British Journal of Pharmacology</i> , 2010 , 160, 1484-95	8.6	11
79	Pathological mechanisms of erythrocyte-induced vulnerability of atherosclerotic plaques. <i>Medical Hypotheses</i> , 2008 , 70, 105-8	3.8	11
78	Inhibition of nucleolar stress response by Sirt1: A potential mechanism of acetylation-independent regulation of p53 accumulation. <i>Aging Cell</i> , 2019 , 18, e12900	9.9	11
77	Heterotrimeric G Stimulatory Protein β Subunit Is Required for Intestinal Smooth Muscle Contraction in Mice. <i>Gastroenterology</i> , 2017 , 152, 1114-1125.e5	13.3	10
76	Left Ventricular Diastolic Function in Healthy Adult Individuals: Results of the World Alliance Societies of Echocardiography Normal Values Study. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1223-1233	5.8	10
75	Deficient Chaperone-Mediated Autophagy Promotes Lipid Accumulation in Macrophage. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 14, 661-669	3.3	10

74	Tongxinluo may stabilize atherosclerotic plaque via multiple mechanisms scanning by genechip. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 113, 108767	7.5	9
73	Traditional Chinese medication Tongxinluo inhibits inflammatory angiogenesis via Bmx/NF-B/MAPK pathways. <i>European Heart Journal Supplements</i> , 2015 , 17, B13-B22	1.5	9
72	Silencing of Non-POU-domain-containing octamer-binding protein stabilizes atherosclerotic plaque in apolipoprotein E-knockout mice via NF-B signaling pathway. <i>International Journal of Cardiology</i> , 2018 , 263, 96-103	3.2	9
71	Phospholipid transfer protein destabilizes mouse atherosclerotic plaque. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2537-44	9.4	9
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