

Yun Zhang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9303896/yun-zhang-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	An intersegmental single-cell profile reveals aortic heterogeneity and identifies a novel Malat1 vascular smooth muscle subtype involved in abdominal aortic aneurysm formation.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 125	21	1
216	Anti-inflammatory Therapy in Atherosclerosis: The Past and the Future. <i>Cardiology Discovery</i> , 2021 , 1, 12-14		1
215	Comparison of the Epidemiological and Clinical Characteristics of Hospitalized Children With Pneumonia Caused by SARS-CoV-2, Influenza A, and Human Adenoviruses: A Case-Control Study. <i>Clinical Pediatrics</i> , 2021 , 99228211058601	1.2	0
214	Association Between Stent Implantation and Progression of Nontarget Lesions in a Rabbit Model of Atherosclerosis. <i>Circulation: Cardiovascular Interventions</i> , 2021 , 14, e010764	6	0
213	Deficient Chaperone-Mediated Autophagy Promotes Inflammation and Atherosclerosis. <i>Circulation Research</i> , 2021 , 129, 1141-1157	15.7	6
212	Knockout of the Gene Inhibits Neointima Formation in a Mouse Model of Vascular Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 1428-1445	9.4	2
211	Traditional Chinese Medication Tongxinluo Attenuates Lipidosis in Ox-LDL-Stimulated Macrophages by Enhancing Beclin-1-Induced Autophagy. <i>Frontiers in Pharmacology</i> , 2021 , 12, 673366	5.6	2
210	Deficient Chaperone-Mediated Autophagy Promotes Lipid Accumulation in Macrophage. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 14, 661-669	3.3	10
209	SIRT3 protects endothelial cells from high glucose-induced senescence and dysfunction via the p53 pathway. <i>Life Sciences</i> , 2021 , 264, 118724	6.8	2
208	Angiotensin converting enzyme inhibitors and angiotensin receptor blockers improved the outcome of patients with severe COVID-19 and hypertension. <i>Science China Life Sciences</i> , 2021 , 64, 836-839	8.5	3
207	The Diagnostic Value of Radial and Carotid Intima Thickness Measured by High-Resolution Ultrasound for Ischemic Stroke. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 72-82	5.8	3
206	Dickkopf-1 promotes Vascular Smooth Muscle Cell proliferation and migration through upregulating UHRF1 during Cyclic Stretch application. <i>International Journal of Biological Sciences</i> , 2021 , 17, 1234-1249	11.2	2
205	One step further into the blackbox: a pilot study of how to build more confidence around an AI-based decision system of breast nodule assessment in 2D ultrasound. <i>European Radiology</i> , 2021 , 31, 4991-5000	8	4
204	Angiotensin IV attenuates diabetic cardiomyopathy suppressing FoxO1-induced excessive autophagy, apoptosis and fibrosis. <i>Theranostics</i> , 2021 , 11, 8624-8639	12.1	6
203	Differential value of intima thickness in ischaemic stroke due to large-artery atherosclerosis and small-vessel occlusion. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 9427-9433	5.6	1
202	Deletion of natriuretic peptide receptor C alleviates adipose tissue inflammation in hypercholesterolemic Apolipoprotein E knockout mice. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 9837-9850	5.6	1
201	The E3 ubiquitin ligase TRIM31 plays a critical role in hypertensive nephropathy by promoting proteasomal degradation of MAP3K7 in the TGF- β signaling pathway. <i>Cell Death and Differentiation</i> , 2021 ,	12.7	3

200	Normal Values of Left Ventricular Size and Function on 3D Echocardiography: Results of the World Alliance of Societies of Echocardiography Study.. <i>Journal of the American Society of Echocardiography</i> , 2021 ,	5.8	1
199	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
198	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
197	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
196	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
195	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
194	Genome-wide translational reprogramming of genes important for myocyte functions in overload-induced heart failure. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165649	6.9	3
193	Fibroblast growth factor-2/platelet-derived growth factor enhances atherosclerotic plaque stability. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 1128-1140	5.6	9
192	Prolylcarboxypeptidase Mitigates Myocardial Ischemia/Reperfusion Injury by Stabilizing Mitophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 584933	5.7	3
191	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
190	Plasma biomarkers and plaque strain predict long-term cardiovascular events in patients with acute coronary syndrome. <i>Science China Life Sciences</i> , 2020 , 63, 269-278	8.5	0
189	Personalized application of three different concentrations of iodinated contrast media in coronary computed tomography angiography. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 5446-5453	5.6	4
188	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
187	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
186	Adipose HuR protects against diet-induced obesity and insulin resistance. <i>Nature Communications</i> , 2019 , 10, 2375	17.4	25
185	A Novel Mathematical Model for Correcting the Physiologic Variance of Two-Dimensional Echocardiographic Measurements in Healthy Chinese Adults. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 876-883.e11	5.8	3
184	Smooth muscle-specific GsM 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
183	Mendelian randomization studies on atherosclerotic cardiovascular disease: evidence and limitations. <i>Science China Life Sciences</i> , 2019 , 62, 758-770	8.5	5

182	Silencing of junctional adhesion molecule-like protein attenuates atherogenesis and enhances plaque stability in ApoE mice. <i>Clinical Science</i> , 2019 , 133, 1215-1228	6.5	8
181	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
180	Tongxinluo may stabilize atherosclerotic plaque via multiple mechanisms scanning by genechip. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 113, 108767	7.5	9
179	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
178	Interleukin-25 in sputum as a marker of airway inflammation in children asthma. <i>Science China Life Sciences</i> , 2019 , 62, 1605-1608	8.5	1
177	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
176	Deficiency of NONO is associated with impaired cardiac function and fibrosis in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 137, 46-58	5.8	6
175	The independent and add-on values of radial intima thickness measured by ultrasound biomicroscopy for diagnosis of coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 889-896	4.1	4
174	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
173	Overexpression of tissue factor induced atherothrombosis in apolipoprotein E ^{-/-} mice via both enhanced plaque thrombogenicity and plaque instability. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 127, 1-10	5.8	4
172	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
171	Silencing of Non-POU-domain-containing octamer-binding protein stabilizes atherosclerotic plaque in apolipoprotein E-knockout mice via NF- κ B signaling pathway. <i>International Journal of Cardiology</i> , 2018 , 263, 96-103	3.2	9
170	The Road Less Traveled: Should We Omit Prophylactic Cranial Irradiation for Patients With Small Cell Lung Cancer?. <i>Clinical Lung Cancer</i> , 2018 , 19, 289-293	4.9	3
169	Out of the darkness and into the light: New strategies for improving treatments for locally advanced non-small cell lung cancer. <i>Cancer Letters</i> , 2018 , 421, 59-62	9.9	5
168	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
167	TRIM31 Deficiency Is Associated with Impaired Glucose Metabolism and Disrupted Gut Microbiota in Mice. <i>Frontiers in Physiology</i> , 2018 , 9, 24	4.6	8
166	Therapeutic Effect of Merr. Extract on Essential Hypertension: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Frontiers in Pharmacology</i> , 2018 , 9, 424	5.6	3
165	Aldehyde Dehydrogenase-2 Attenuates Myocardial Remodeling and Contractile Dysfunction Induced by a High-Fat Diet. <i>Cellular Physiology and Biochemistry</i> , 2018 , 48, 1843-1853	3.9	4

164	Concurrent true inferoposterior left ventricular aneurysm and ventricular septal rupture secondary to inferior myocardial infarction: a case report. <i>European Heart Journal - Case Reports</i> , 2018 , 2, yty136	0.9	4
163	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
162	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
161	Cardiopulmonary Resuscitation Training in China: Current Situation and Future Development. <i>JAMA Cardiology</i> , 2017 , 2, 469-470	16.2	36
160	Switching harmful visceral fat to beneficial energy combustion improves metabolic dysfunctions. <i>JCI Insight</i> , 2017 , 2, e89044	9.9	16
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	A miR-327-FGF10-FGFR2-mediated autocrine signaling mechanism controls white fat browning. <i>Nature Communications</i> , 2017 , 8, 2079	17.4	35
157	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
156	Deletion of resistin-like molecule-beta attenuates angiotensin II-induced abdominal aortic aneurysm. <i>Oncotarget</i> , 2017 , 8, 104171-104181	3.3	6
155	Interleukin-4 and granulocyte-macrophage colony-stimulating factor mediates the upregulation of soluble vascular endothelial growth factor receptor-1 in RAW264.7 cells-a process in which p38 mitogen-activated protein kinase signaling has an important role. <i>Journal of Microbiology, Immunology and Infection</i> , 2016 , 49, 344-51	8.5	6
154	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
153	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
152	Endothelial lipase is upregulated by interleukin-6 partly via the p38 MAPK and p65 NF- κ B signaling pathways. <i>Molecular Medicine Reports</i> , 2016 , 14, 1979-85	2.9	4
151	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
150	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
149	Upregulation of Dickkopf1 by oscillatory shear stress accelerates atherogenesis. <i>Journal of Molecular Medicine</i> , 2016 , 94, 431-41	5.5	17
148	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
147	Effect of rosuvastatin on atherosclerotic plaque stability: An intravascular ultrasound elastography study. <i>Atherosclerosis</i> , 2016 , 248, 27-35	3.1	12

146	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
145	Regulatory T cells in cardiovascular diseases. <i>Nature Reviews Cardiology</i> , 2016 , 13, 167-79	14.8	201
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	Overexpression of complement component C5a accelerates the development of atherosclerosis in ApoE-knockout mice. <i>Oncotarget</i> , 2016 , 7, 56060-56070	3.3	2
142	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
141	NPR-C gene polymorphism is associated with increased susceptibility to coronary artery disease in Chinese Han population: a multicenter study. <i>Oncotarget</i> , 2016 , 7, 33662-74	3.3	8
140	Aldehyde dehydrogenase 2 inhibits inflammatory response and regulates atherosclerotic plaque. <i>Oncotarget</i> , 2016 , 7, 35562-35576	3.3	35
139	Noninvasive ventilation improves cardiac function in patients with chronic heart failure. <i>Oncotarget</i> , 2016 , 7, 48918-48924	3.3	4
138	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
137	Stage-dependent effects of exogenous TRAIL on atherogenesis: role of ER stress-mediated sensitization of macrophage apoptosis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 543-51	3	2
136	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
135	Association of serum levels of AngII, KLK1, and ACE/KLK1 polymorphisms with acute myocardial infarction induced by coronary artery stenosis. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016 , 17, 1470320316655037	3	6
134	The cardioprotection of ischemic postconditioning in patients with acute ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2015 , 178, 181-3	3.2	5
133	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
132	The application of ultrasonic velocity vector imaging technique of carotid plaque in predicting large-artery atherosclerotic stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015 , 24, 1351-6	2.8	1
131	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
130	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
129	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

128	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
127	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
126	Traditional Chinese medication Tongxinluo inhibits inflammatory angiogenesis via Bmx/NF- κ B/MAPK pathways. <i>European Heart Journal Supplements</i> , 2015 , 17, B13-B22	1.5	9
125	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
124	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
123	Association of resistin-like molecule β levels and abdominal aortic aneurysm. <i>International Journal of Cardiology</i> , 2015 , 181, 8-10	3.2	2
122	ZnS nanoarchitectures induced dysfunction of vascular endothelial cells in vitro and in vivo. <i>Environmental Toxicology</i> , 2015 , 30, 755-68	4.2	3
121	Traditional Chinese medication for cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2015 , 12, 115-22	14.8	61
120	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
119	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
118	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
117	Tribbles homolog 3 is induced by high glucose and associated with apoptosis in human endothelial cells. <i>Molecular Medicine Reports</i> , 2015 , 12, 1963-70	2.9	7
116	Increased expression of surface CD44 in hypoxia-DCs skews helper T cells toward a Th2 polarization. <i>Scientific Reports</i> , 2015 , 5, 13674	4.9	9
115	Valsartan blocks thrombospondin/transforming growth factor/Smads to inhibit aortic remodeling in diabetic rats. <i>Diagnostic Pathology</i> , 2015 , 10, 18	3	15
114	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
113	Endothelial tyrosine kinase receptor B prevents VE-cadherin cleavage and protects against atherosclerotic lesion development in ApoE ^{-/-} mice. <i>Oncotarget</i> , 2015 , 6, 30640-9	3.3	8
112	Evidence for traditional Chinese medication to treat cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2015 , 12, 374	14.8	12
111	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

110	Prolyl-4-hydroxylase- β improves the stability of advanced plaques but accelerates the atherosclerotic lesion formation of early plaques. <i>European Heart Journal Supplements</i> , 2015 , 17, C49-C58 ¹⁻⁵		2
109	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
108	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
107	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
106	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
105	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
104	An early warning scoring system for the prevention of acute heart failure. <i>International Journal of Cardiology</i> , 2015 , 183, 111-6	3.2	4
103	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
102	Soluble TRAIL Concentration in Serum Is Elevated in People with Hypercholesterolemia. <i>PLoS ONE</i> , 2015 , 10, e0144015	3.7	8
101	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
100	Interferon- β -related genes and therapeutic response in Chinese hepatitis C patients. <i>World Journal of Gastroenterology</i> , 2015 , 21, 4006-13	5.6	2
99	Phospholipid transfer protein destabilizes mouse atherosclerotic plaque. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2537-44	9.4	9
98	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
97	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
96	Identification of a novel MTOR activator and discovery of a competing endogenous RNA regulating autophagy in vascular endothelial cells. <i>Autophagy</i> , 2014 , 10, 957-71	10.2	112
95	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
94	TRAIL/DR5 signaling promotes macrophage foam cell formation by modulating scavenger receptor expression. <i>PLoS ONE</i> , 2014 , 9, e87059	3.7	15
93	Glibenclamide decreases ATP-induced intracellular calcium transient elevation via inhibiting reactive oxygen species and mitochondrial activity in macrophages. <i>PLoS ONE</i> , 2014 , 9, e89083	3.7	8

92	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
91	Specific matrix metalloproteinases play different roles in intraplaque angiogenesis and plaque instability in rabbits. <i>PLoS ONE</i> , 2014 , 9, e107851	3.7	16
90	Risk factors for long-term outcome of drug-eluting stenting in adults with early-onset coronary artery disease. <i>International Journal of Medical Sciences</i> , 2014 , 11, 721-5	3.7	2
89	Circulating microRNAs serve as novel biological markers for intracranial aneurysms. <i>Journal of the American Heart Association</i> , 2014 , 3, e000972	6	54
88	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
87	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
86	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
85	Identification of a small molecule preventing BMSC senescence in vitro by improving intracellular homeostasis via ANXA7 and Hmbox1. <i>RSC Advances</i> , 2014 , 4, 56722-56730	3.7	5
84	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
83	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
82	NLRP3 gene silencing ameliorates diabetic cardiomyopathy in a type 2 diabetes rat model. <i>PLoS ONE</i> , 2014 , 9, e104771	3.7	211
81	Cold exposure promotes atherosclerotic plaque growth and instability via UCP1-dependent lipolysis. <i>Cell Metabolism</i> , 2013 , 18, 118-29	24.6	148
80	Regulatory T cells prevent plaque disruption in apolipoprotein E-knockout mice. <i>International Journal of Cardiology</i> , 2013 , 168, 2684-92	3.2	30
79	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
78	GW24-e3795 Effect Of Carvedilol on Left Ventricular Function in Hypertension Patients with the Normal Configuration using Bull's Eye Chart Parameters of Real-Time Hee-Dimensional Echocardiography. <i>Heart</i> , 2013 , 99, A275.3-A276	5.1	
77	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
76	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
75	Protective role of acidic pH-activated chloride channel in severe acidosis-induced contraction from the aorta of spontaneously hypertensive rats. <i>PLoS ONE</i> , 2013 , 8, e61018	3.7	6

74	Impact of angiotensin I converting enzyme insertion/deletion polymorphisms on dilated cardiomyopathy and hypertrophic cardiomyopathy risk. <i>PLoS ONE</i> , 2013 , 8, e63309	3.7	7
73	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
72	Hepcidin destabilizes atherosclerotic plaque via overactivating macrophages after erythrophagocytosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1158-66	9.4	64
71	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
70	Thresholding-Based Image Denoising Using Two-Dimensional S-Transform 2012 ,		2
69	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
68	Doxycycline stabilizes vulnerable plaque via inhibiting matrix metalloproteinases and attenuating inflammation in rabbits. <i>PLoS ONE</i> , 2012 , 7, e39695	3.7	14
67	ORAL ADMINISTRATION OF DOXYCYCLINE PREVENTS VULNERABLE PLAQUES FROM RUPTURE INDEPENDENT OF SERUM LIPID LEVELS (AN ANIMAL EXPERIMENT WITH RABBITS). <i>Heart</i> , 2012 , 98, E14.2-E15	5.1	15
66	Statins induce the accumulation of regulatory T cells in atherosclerotic plaque. <i>Molecular Medicine</i> , 2012 , 18, 598-605	6.2	75
65	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
64	Feasibility and safety of transthoracic echocardiography-guided transcatheter closure of atrial septal defects with deficient superior-anterior rims. <i>PLoS ONE</i> , 2012 , 7, e51117	3.7	7
63	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
62	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
61	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
60	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
59	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
58	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
57	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

56	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
55	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
54	TRB3 gene silencing alleviates diabetic cardiomyopathy in a type 2 diabetic rat model. <i>Diabetes</i> , 2011 , 60, 2963-74	0.9	109
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	Molecular mechanisms and therapeutic strategies of vulnerable atherosclerotic plaques. <i>Frontiers of Medicine in China</i> , 2010 , 4, 36-42		1
43	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
42	Level Of Natriuretic Peptide Determines Outcome In Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2010 , 2, 227	0.8	1
41	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
40	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
39	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

38	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
37	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
36	Activity and kinetics studies of yeast alcohol dehydrogenase in a reverse micelle formulated from functional surfactants. <i>Open Chemistry</i> , 2009 , 7, 787-793	1.6	2
35	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
34	Aortic adventitial angiogenesis and lymphangiogenesis promote intimal inflammation and hyperplasia. <i>Cardiovascular Pathology</i> , 2009 , 18, 269-78	3.8	17
33	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
32	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
31	Chymase activity is closely related with plaque vulnerability in a hamster model of atherosclerosis. <i>Atherosclerosis</i> , 2009 , 207, 59-67	3.1	25
30	Plaque volume compression ratio, a novel biomechanical index, is independently associated with ischemic cerebrovascular events. <i>Journal of Hypertension</i> , 2009 , 27, 348-56	1.9	4
29	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
28	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
27	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
26	Pathological mechanisms of erythrocyte-induced vulnerability of atherosclerotic plaques. <i>Medical Hypotheses</i> , 2008 , 70, 105-8	3.8	11
25	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
24	Micro-ultrasound imaging assessment of carotid plaque characteristics in apolipoprotein-E knockout mice. <i>Atherosclerosis</i> , 2008 , 197, 64-71	3.1	36
23	Model and Simulation for Three-dimensional Medical Image Reconstruction of Spiral CT 2008 ,		1
22	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
21	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

20	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
19	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
18	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
17	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
16	Morphological study of atherosclerotic plaque and its application in vulnerability evaluation 2008 , 51, 867-872		
15	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
14	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
13	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
12	Catalytic performance of lignin peroxidase in a novel reverse micelle. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 65, 50-3	6	15
11	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
10	Transcoronary concentration gradient of sCD40L and hsCRP in patients with coronary heart disease. <i>Clinical Cardiology</i> , 2007 , 30, 86-91	3.3	22
9	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
8	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
7	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
6	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
5	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
4	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
3	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

2 Adventitial lymphatic vessels -- an important role in atherosclerosis. *Medical Hypotheses*, **2007**, 69, 1238-48 19

1 Establishing an animal model of unstable atherosclerotic plaques. *Chinese Medical Journal*, **2004**, 117, 1293-8 2.9 8