Yun Zhang

List of Publications by Year in descending order

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223 papers 8,746 citations

41344 49 h-index 80 g-index

229 all docs

229 docs citations

times ranked

229

13423 citing authors

#	Article	IF	CITATIONS
1	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∢sup⟩â€∢/sup⟩. European Heart Journal Cardiovascular Imaging, 2016, 17, 589-590.	1.2	411
2	Traditional Chinese Medicine for Cardiovascular Disease. Journal of the American College of Cardiology, 2017, 69, 2952-2966.	2.8	382
3	Regulatory T cells in cardiovascular diseases. Nature Reviews Cardiology, 2016, 13, 167-179.	13.7	297
4	NLRP3 Gene Silencing Ameliorates Diabetic Cardiomyopathy in a Type 2 Diabetes Rat Model. PLoS ONE, 2014, 9, e104771.	2.5	291
5	Activation of AMP-activated protein kinase $\hat{l}\pm2$ by nicotine instigates formation of abdominal aortic aneurysms in mice in vivo. Nature Medicine, 2012, 18, 902-910.	30.7	209
6	Cold Exposure Promotes Atherosclerotic Plaque Growth and Instability via UCP1-Dependent Lipolysis. Cell Metabolism, 2013, 18, 118-129.	16.2	184
7	An activator of mTOR inhibits oxLDL-induced autophagy and apoptosis in vascular endothelial cells and restricts atherosclerosis in apolipoprotein E-/- mice. Scientific Reports, 2014, 4, 5519.	3.3	147
8	Activation of SIRT3 by resveratrol ameliorates cardiac fibrosis and improves cardiac function via the TGF-β/Smad3 pathway. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H424-H434.	3.2	143
9	Selective Inhibition of PI3K/Akt/mTOR Signaling Pathway Regulates Autophagy of Macrophage and Vulnerability of Atherosclerotic Plaque. PLoS ONE, 2014, 9, e90563.	2.5	140
10	Identification of a novel MTOR activator and discovery of a competing endogenous RNA regulating autophagy in vascular endothelial cells. Autophagy, 2014, 10, 957-971.	9.1	139
11	A new microRNA signal pathway regulated by long noncoding RNA TGFB2-OT1 in autophagy and inflammation of vascular endothelial cells. Autophagy, 2015, 11, 2172-2183.	9.1	132
12	TRB3 Gene Silencing Alleviates Diabetic Cardiomyopathy in a Type 2 Diabetic Rat Model. Diabetes, 2011, 60, 2963-2974.	0.6	125
13	Intestinal Flora Modulates Blood Pressure by Regulating the Synthesis of Intestinal-Derived Corticosterone in High Salt-Induced Hypertension. Circulation Research, 2020, 126, 839-853.	4.5	120
14	Overexpression of ACE2 Enhances Plaque Stability in a Rabbit Model of Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1270-1276.	2.4	117
15	Angiotensin-Converting Enzyme-2 Overexpression Improves Left Ventricular Remodeling and Function in a Rat Model of Diabetic Cardiomyopathy. Journal of the American College of Cardiology, 2012, 59, 739-747.	2.8	114
16	Similarities and Differences in Left Ventricular Size and Function among Races and Nationalities: Results of the World Alliance Societies of Echocardiography Normal Values Study. Journal of the American Society of Echocardiography, 2019, 32, 1396-1406.e2.	2.8	110
17	Angiotensin-converting enzyme 2 attenuates atherosclerotic lesions by targeting vascular cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15886-15891.	7.1	109
18	Serum Amyloid A Directly Accelerates the Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice. Molecular Medicine, 2011, 17, 1357-1364.	4.4	108

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19	Angiotensin-Converting Enzyme (ACE) 2 Overexpression Ameliorates Glomerular Injury in a Rat Model of Diabetic Nephropathy: A Comparison with ACE Inhibition. Molecular Medicine, 2011, 17, 59-69.	4.4	106
20	Combinatorial protein therapy of angiogenic and arteriogenic factors remarkably improves collaterogenesis and cardiac function in pigs. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12140-12145.	7.1	103
21	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. Biochemical and Biophysical Research Communications, 2009, 381, 660-665.	2.1	97
22	Traditional Chinese medication for cardiovascular disease. Nature Reviews Cardiology, 2015, 12, 115-122.	13.7	93
23	Association of plasma brain-derived neurotrophic factor and cardiovascular risk factors and prognosis in angina pectoris. Biochemical and Biophysical Research Communications, 2011, 415, 99-103.	2.1	91
24	Statins Induce the Accumulation of Regulatory T Cells in Atherosclerotic Plaque. Molecular Medicine, 2012, 18, 598-605.	4.4	91
25	Oral rapamycin attenuates inflammation and enhances stability of atherosclerotic plaques in rabbits independent of serum lipid levels. British Journal of Pharmacology, 2009, 156, 941-951.	5.4	90
26	Mouse SIRT3 Attenuates Hypertrophy-Related Lipid Accumulation in the Heart through the Deacetylation of LCAD. PLoS ONE, 2015, 10, e0118909.	2.5	87
27	Inhibition of high-mobility group box 1 improves myocardial fibrosis and dysfunction in diabetic cardiomyopathy. International Journal of Cardiology, 2014, 172, 202-212.	1.7	86
28	Effect of 27nt Small RNA on Endothelial Nitric-Oxide Synthase Expression. Molecular Biology of the Cell, 2008, 19, 3997-4005.	2.1	82
29	Traditional Chinese medication Tongxinluo dose-dependently enhances stability of vulnerable plaques: a comparison with a high-dose simvastatin therapy. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H2004-H2014.	3.2	74
30	Chinese medicine tongxinluo significantly lowers serum lipid levels and stabilizes vulnerable plaques in a rabbit model. Journal of Ethnopharmacology, 2009, 124, 103-110.	4.1	71
31	Hepcidin Destabilizes Atherosclerotic Plaque Via Overactivating Macrophages After Erythrophagocytosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1158-1166.	2.4	71
32	Cardiopulmonary Resuscitation Training in China. JAMA Cardiology, 2017, 2, 469.	6.1	71
33	A snake-based method for segmentation of intravascular ultrasound images and its in vivo validation. Ultrasonics, 2011, 51, 181-189.	3.9	64
34	Echocardiographic Measurements in Normal Chinese Adults Focusing on Cardiac Chambers and Great Arteries: A Prospective, Nationwide, and Multicenter Study. Journal of the American Society of Echocardiography, 2015, 28, 570-579.	2.8	63
35	High glucose promotes the production of collagen types I and III by cardiac fibroblasts through a pathway dependent on extracellular-signal-regulated kinase $1/2$. Molecular and Cellular Biochemistry, 2007, 301, 109-114.	3.1	62
36	Circulating microRNAs Serve as Novel Biological Markers for Intracranial Aneurysms. Journal of the American Heart Association, 2014, 3, e000972.	3.7	62

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37	Angiotensin-(1–1) Suppresses Hepatocellular Carcinoma Growth and Angiogenesis via Complex Interactions of Angiotensin II Type 1 Receptor, Angiotensin II Type 2 Receptor and Mas Receptor. Molecular Medicine, 2015, 21, 626-636.	4.4	62
38	Tim-3 Is Upregulated in NK Cells during Early Pregnancy and Inhibits NK Cytotoxicity toward Trophoblast in Galectin-9 Dependent Pathway. PLoS ONE, 2016, 11, e0147186.	2.5	60
39	The characteristics and outcomes of 681 severe cases with COVID-19 in China. Journal of Critical Care, 2020, 60, 32-37.	2.2	60
40	Deficient Chaperone-Mediated Autophagy Promotes Inflammation and Atherosclerosis. Circulation Research, 2021, 129, 1141-1157.	4.5	58
41	<scp>HMGB</scp> 1 mediates hyperglycaemiaâ€induced cardiomyocyte apoptosis ⟨i>via ⟨/i>⟨scp>ERK⟨/scp>/Etsâ€i signalling pathway. Journal of Cellular and Molecular Medicine, 2014, 18, 2311-2320.	3.6	57
42	Angiotensin IV attenuates diabetic cardiomyopathy <i>via</i> suppressing FoxO1-induced excessive autophagy, apoptosis and fibrosis. Theranostics, 2021, 11, 8624-8639.	10.0	57
43	Angiotensin-(1–7) Dose-Dependently Inhibits Atherosclerotic Lesion Formation and Enhances Plaque Stability by Targeting Vascular Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1978-1985.	2.4	55
44	Regulatory T Cells Prevent Angiotensin II–Induced Abdominal Aortic Aneurysm in Apolipoprotein E Knockout Mice. Hypertension, 2014, 64, 875-882.	2.7	55
45	Dickkopf1 destabilizes atherosclerotic plaques and promotes plaque formation by inducing apoptosis of endothelial cells through activation of ER stress. Cell Death and Disease, 2017, 8, e2917-e2917.	6.3	55
46	Pathological mechanisms and dose dependency of erythrocyte-induced vulnerability of atherosclerotic plaques. Journal of Molecular and Cellular Cardiology, 2007, 43, 272-280.	1.9	53
47	Biogenesis of Short Intronic Repeat 27-Nucleotide Small RNA from Endothelial Nitric-oxide Synthase Gene. Journal of Biological Chemistry, 2008, 283, 14685-14693.	3.4	53
48	CRP enhances soluble LOX-1 release from macrophages by activating TNF-α converting enzyme. Journal of Lipid Research, 2011, 52, 923-933.	4.2	53
49	DKK3 (Dickkopf 3) Alters Atherosclerotic Plaque Phenotype Involving Vascular Progenitor and Fibroblast Differentiation Into Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 425-437.	2.4	53
50	Angiotensin-(1–7) treatment mitigates right ventricular fibrosis as a distinctive feature of diabetic cardiomyopathy. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1007-H1019.	3.2	52
51	A miR-327–FGF10–FGFR2-mediated autocrine signaling mechanism controls white fat browning. Nature Communications, 2017, 8, 2079.	12.8	52
52	Involvement of integrins, MAPK, and NF-κB in regulation of the shear stress-induced MMP-9 expression in endothelial cells. Biochemical and Biophysical Research Communications, 2007, 353, 152-158.	2.1	51
53	The Role of Carotid Plaque Vulnerability and Inflammation in the Pathogenesis of Acute Ischemic Stroke. American Journal of the Medical Sciences, 2008, 336, 27-31.	1.1	51
54	Adipose HuR protects against diet-induced obesity and insulin resistance. Nature Communications, 2019, 10, 2375.	12.8	51

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55	CTRP9 enhances carotid plaque stability by reducing pro-inflammatory cytokines in macrophages. Biochemical and Biophysical Research Communications, 2015, 458, 890-895.	2.1	50
56	MicroRNA-7a/b Protects against Cardiac Myocyte Injury in Ischemia/Reperfusion by Targeting Poly(ADP-Ribose) Polymerase. PLoS ONE, 2014, 9, e90096.	2.5	50
57	TNF-α Suppresses Prolyl-4-Hydroxylase α1 Expression via the ASK1–JNK–NonO Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1760-1767.	2.4	46
58	Bladder drug mirabegron exacerbates atherosclerosis through activation of brown fat-mediated lipolysis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10937-10942.	7.1	46
59	Arginase I Attenuates Inflammatory Cytokine Secretion Induced by Lipopolysaccharide in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1853-1860.	2.4	45
60	Involving Single-Atom Silver(0) in Selective Dehalogenation by AgF under Visible-Light Irradiation. ACS Catalysis, 2019, 9, 6335-6341.	11.2	45
61	Prediction of atherosclerotic plaque ruptures with high-frequency ultrasound imaging and serum inflammatory markers. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2836-H2844.	3.2	44
62	Aldehyde dehydrogenase 2 inhibits inflammatory response and regulates atherosclerotic plaque. Oncotarget, 2016, 7, 35562-35576.	1.8	43
63	Microscopic Pore Structure of Surrounding Rock for Underground Strategic Petroleum Reserve (SPR) Caverns in Bedded Rock Salt. Energies, 2020, 13, 1565.	3.1	42
64	Atherosclerotic plaque disruption induced by stress and lipopolysaccharide in apolipoprotein E knockout mice. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1598-H1606.	3.2	40
65	MiR-26a contributes to the PDGF-BB-induced phenotypic switch of vascular smooth muscle cells by suppressing Smad1. Oncotarget, 2017, 8, 75844-75853.	1.8	40
66	AMPKα inactivation destabilizes atherosclerotic plaque in streptozotocin-induced diabetic mice through AP-2α/miRNA-124 axis. Journal of Molecular Medicine, 2018, 96, 403-412.	3.9	40
67	Tightness Analysis of Underground Natural Gas and Oil Storage Caverns With Limit Pillar Widths in Bedded Rock Salt. IEEE Access, 2020, 8, 12130-12145.	4.2	40
68	Micro-ultrasound imaging assessment of carotid plaque characteristics in apolipoprotein-E knockout mice. Atherosclerosis, 2008, 197, 64-71.	0.8	38
69	PPARÎ 3 1-Induced Caveolin-1 Enhances Cholesterol Efflux and Attenuates Atherosclerosis in Apolipoprotein E-Deficient Mice. Journal of Vascular Research, 2010, 47, 69-79.	1.4	38
70	Regulatory T cells prevent plaque disruption in apolipoprotein E-knockout mice. International Journal of Cardiology, 2013, 168, 2684-2692.	1.7	38
71	Combination of angiotensin-(1–7) with perindopril is better than single therapy in ameliorating diabetic cardiomyopathy. Scientific Reports, 2015, 5, 8794.	3.3	37
72	Antagonist of microRNAâ€21 improves balloon injuryâ€induced rat iliac artery remodeling by regulating proliferation and apoptosis of adventitial fibroblasts and myofibroblasts. Journal of Cellular Biochemistry, 2012, 113, 2989-3001.	2.6	36

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73	Neferine inhibits proliferation and collagen synthesis induced by high glucose in cardiac fibroblasts and reduces cardiac fibrosis in diabetic mice. Oncotarget, 2016, 7, 61703-61715.	1.8	36
74	Cross Talk Among Smad, MAPK, and Integrin Signaling Pathways Enhances Adventitial Fibroblast Functions Activated by Transforming Growth Factor–β1 and Inhibited by Gax. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 725-731.	2.4	35
75	Poly(ADP-ribose) Polymerase 1 Is Indispensable for Transforming Growth Factor- \hat{l}^2 Induced Smad3 Activation in Vascular Smooth Muscle Cell. PLoS ONE, 2011, 6, e27123.	2.5	35
76	Local Gene Silencing of Monocyte Chemoattractant Protein-1 Prevents Vulnerable Plaque Disruption in Apolipoprotein E-Knockout Mice. PLoS ONE, 2012, 7, e33497.	2.5	34
77	Doppler Echocardiographic Measurements in Normal Chinese Adults (EMINCA): a prospective, nationwide, and multicentre study. European Heart Journal Cardiovascular Imaging, 2016, 17, 512-522.	1.2	34
78	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. PLoS ONE, 2013, 8, e54731.	2.5	33
79	Inhibition of MEF2A prevents hyperglycemia-induced extracellular matrix accumulation by blocking Akt and TGF- \hat{l}^2 1/Smad activation in cardiac fibroblasts. International Journal of Biochemistry and Cell Biology, 2015, 69, 52-61.	2.8	31
80	Negative effect of [bmim][PF ₆] on the catalytic activity of alcohol dehydrogenase: mechanism and prevention. Journal of Chemical Technology and Biotechnology, 2008, 83, 1230-1235.	3.2	30
81	Carotid artery plaque intervention with Tongxinluo capsule (CAPITAL): A multicenter randomized double-blind parallel-group placebo-controlled study. Scientific Reports, 2019, 9, 4545.	3.3	30
82	Left Ventricular Diastolic Function in Healthy Adult Individuals: Results of the World Alliance Societies of Echocardiography Normal Values Study. Journal of the American Society of Echocardiography, 2020, 33, 1223-1233.	2.8	30
83	Activation of activator protein 2 alpha by aspirin alleviates atherosclerotic plaque growth and instability <i>in vivo</i> . Oncotarget, 2016, 7, 52729-52739.	1.8	30
84	Transcoronary concentration gradient of sCD40L and hsCRP in patients with coronary heart disease. Clinical Cardiology, 2007, 30, 86-91.	1.8	29
85	Dominantâ€negative mutation of monocyte chemoattractant proteinâ€1 prevents vulnerable plaques from rupture in rabbits independent of serum lipid levels. Journal of Cellular and Molecular Medicine, 2008, 12, 2362-2371.	3.6	29
86	Effects and mechanisms of PPARÎ \pm activator fenofibrate on myocardial remodelling in hypertension. Journal of Cellular and Molecular Medicine, 2009, 13, 4444-4452.	3.6	29
87	Heme oxygenase-1 inhibits progression and destabilization of vulnerable plaques in a rabbit model of atherosclerosis. European Journal of Pharmacology, 2011, 672, 143-152.	3.5	29
88	Chymase activity is closely related with plaque vulnerability in a hamster model of atherosclerosis. Atherosclerosis, 2009, 207, 59-67.	0.8	28
89	D609 Inhibits Progression of Preexisting Atheroma and Promotes Lesion Stability in Apolipoprotein E ^{â^'/â^'} Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 411-418.	2.4	28
90	Peak radial and circumferential strain measured by velocity vector imaging is a novel index for detecting vulnerable plaques in a rabbit model of atherosclerosis. Atherosclerosis, 2010, 211, 146-152.	0.8	28

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91	Switching harmful visceral fat to beneficial energy combustion improves metabolic dysfunctions. JCI Insight, 2017, 2, e89044.	5.0	28
92	Deficient Chaperone-Mediated Autophagy Promotes Lipid Accumulation in Macrophage. Journal of Cardiovascular Translational Research, 2021, 14, 661-669.	2.4	28
93	Inhibition of Pin1 alleviates myocardial fibrosis and dysfunction in STZ-induced diabetic mice. Biochemical and Biophysical Research Communications, 2016, 479, 109-115.	2.1	27
94	Tuning multiple arms for camptothecin and folate conjugations on star-shaped copolymers to enhance glutathione-mediated intracellular drug delivery. Polymer Chemistry, 2015, 6, 2192-2203.	3.9	26
95	Inhibition of poly(ADP-ribose) polymerase 1 protects against acute myeloid leukemia by suppressing the myeloproliferative leukemia virus oncogene. Oncotarget, 2015, 6, 27490-27504.	1.8	26
96	Antimetastasis and antitumor efficacy promoted by sequential release of vascular disrupting and chemotherapeutic agents from electrospun fibers. International Journal of Pharmaceutics, 2014, 475, 438-449.	5.2	25
97	Adiponectin reduces carotid atherosclerotic plaque formation in ApoEâ^'/â^' mice: Roles of oxidative and nitrosative stress and inducible nitric oxide synthase. Molecular Medicine Reports, 2015, 11, 1715-1721.	2.4	25
98	Tyrosine Kinase Receptor B Protects Against Coronary Artery Disease and Promotes Adult Vasculature Integrity by Regulating Ets1-Mediated VE-Cadherin Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 580-588.	2.4	25
99	Upregulation of Dickkopf1 by oscillatory shear stress accelerates atherogenesis. Journal of Molecular Medicine, 2016, 94, 431-441.	3.9	25
100	Endocrine vasculatures are preferable targets of an antitumor ineffective low dose of anti-VEGF therapy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4158-4163.	7.1	25
101	Fibroblast growth factorâ€2/plateletâ€derived growth factor enhances atherosclerotic plaque stability. Journal of Cellular and Molecular Medicine, 2020, 24, 1128-1140.	3.6	25
102	A causal relationship between shear stress and atherosclerotic lesions in apolipoprotein E knockout mice assessed by ultrasound biomicroscopy. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H2121-H2129.	3.2	24
103	Comparison of angiotensin-($1\hat{a}\in$ "7), losartan and their combination on atherosclerotic plaque formation in apolipoprotein E knockout mice. Atherosclerosis, 2015, 240, 544-549.	0.8	24
104	Gene silencing of TACE enhances plaque stability and improves vascular remodeling in a rabbit model of atherosclerosis. Scientific Reports, 2015, 5, 17939.	3.3	23
105	Strain/strain rate imaging of impaired left atrial function in patients with metabolic syndrome. Hypertension Research, 2015, 38, 758-764.	2.7	23
106	Adventitial lymphatic vessels – An important role in atherosclerosis. Medical Hypotheses, 2007, 69, 1238-1241.	1.5	22
107	Protective effects of a compound herbal extract (Tong Xin Luo) on free fatty acid induced endothelial injury: Implications of antioxidant system. BMC Complementary and Alternative Medicine, 2008, 8, 39.	3.7	22
108	TIA1 interacts with annexin A7 in regulating vascular endothelial cell autophagy. International Journal of Biochemistry and Cell Biology, 2014, 57, 115-122.	2.8	22

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109	Efficacy and safety of drug-eluting stents in patients with acute ST-segment-elevation myocardial infarction: a meta-analysis of randomized controlled trials. Texas Heart Institute Journal, 2010, 37, 516-24.	0.3	22
110	Aortic adventitial angiogenesis and lymphangiogenesis promote intimal inflammation and hyperplasia. Cardiovascular Pathology, 2009, 18, 269-278.	1.6	21
111	Smooth muscle-specific Gsl^{\pm} deletion exaggerates angiotensin II-induced abdominal aortic aneurysm formation in mice in vivo. Journal of Molecular and Cellular Cardiology, 2019, 132, 49-59.	1.9	21
112	One step further into the blackbox: a pilot study of how to build more confidence around an Al-based decision system of breast nodule assessment in 2D ultrasound. European Radiology, 2021, 31, 4991-5000.	4.5	21
113	Usefulness of High-Frequency Vascular Ultrasound Imaging and Serum Inflammatory Markers to Predict Plaque Rupture in Patients With Stable and Unstable Angina Pectoris. American Journal of Cardiology, 2007, 100, 1341-1346.	1.6	20
114	Specific Matrix Metalloproteinases Play Different Roles in Intraplaque Angiogenesis and Plaque Instability in Rabbits. PLoS ONE, 2014, 9, e107851.	2.5	20
115	Dose-Dependent Bidirectional Effect of Angiotensin IV on Abdominal Aortic Aneurysm via Variable Angiotensin Receptor Stimulation. Hypertension, 2015, 66, 617-626.	2.7	20
116	Endogenous activated angiotensin-(1-7) plays a protective effect against atherosclerotic plaques unstability in high fat diet fed ApoE knockout mice. International Journal of Cardiology, 2015, 184, 645-652.	1.7	20
117	Angiotensinâ€(1â€7) mitigated angiotensin llâ€induced abdominal aortic aneurysms in apolipoprotein Eâ€knockout mice. British Journal of Pharmacology, 2020, 177, 1719-1734.	5.4	20
118	SIRT3 protects endothelial cells from high glucose-induced senescence and dysfunction via the p53 pathway. Life Sciences, 2021, 264, 118724.	4.3	20
119	Increased expression of surface CD44 in hypoxia-DCs skews helper T cells toward a Th2 polarization. Scientific Reports, 2015, 5, 13674.	3.3	19
120	Uninterrupted dabigatran versus warfarin in the treatment of intracardiac thrombus in patients with non-valvular atrial fibrillation. International Journal of Cardiology, 2015, 190, 63-66.	1.7	19
121	Human monocytes undergo functional re-programming during differentiation to dendritic cell mediated by human extravillous trophoblasts. Scientific Reports, 2016, 6, 20409.	3.3	19
122	A proton-activated, outwardly rectifying chloride channel in human umbilical vein endothelial cells. Biochemical and Biophysical Research Communications, 2008, 371, 437-440.	2.1	18
123	Doxycycline Stabilizes Vulnerable Plaque via Inhibiting Matrix Metalloproteinases and Attenuating Inflammation in Rabbits. PLoS ONE, 2012, 7, e39695.	2.5	18
124	Imbalance between angiotensin II and angiotensin- $(1\hat{a}\in "7)$ in human coronary atherosclerosis. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2016, 17, 147032031665961.	1.7	18
125	Both Senescence and Apoptosis Induced by Deprivation of Growth Factors Were Inhibited by a Novel Butyrolactone Derivative through Depressing Integrin Î ² 4 in Vascular Endothelial Cells. Endothelium: Journal of Endothelial Cell Research, 2007, 14, 325-332.	1.7	17
126	Role of NonO–histone interaction in TNFα-suppressed Prolyl-4-hydroxylase α1. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1517-1528.	4.1	17

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127	Peroxisome Proliferator-Activated Receptor-γ1 Gene Therapy Attenuates Atherosclerosis and Stabilizes Plaques in Apolipoprotein E-Deficient Mice. Human Gene Therapy, 2008, 19, 287-299A-B.	2.7	17
128	Enhanced Stabilization of Atherosclerotic Plaques in Apolipoprotein E-Knockout Mice by Combinatorial Toll-like Receptor-1 and -2 Gene Silencing. Human Gene Therapy, 2009, 20, 739-750.	2.7	17
129	Simvastatin increases Prolyl-4-Hydroxylase $\hat{l}\pm 1$ expression in atherosclerotic plaque and ox-LDL-stimulated human aortic smooth muscle cells via p38 MAPK and ERK1/2 signaling. Journal of Molecular and Cellular Cardiology, 2013, 65, 43-50.	1.9	17
130	Effect of rosuvastatin on atherosclerotic plaque stability: An intravascular ultrasound elastography study. Atherosclerosis, 2016, 248, 27-35.	0.8	17
131	Tongxinluo may stabilize atherosclerotic plaque via multiple mechanisms scanning by genechip. Biomedicine and Pharmacotherapy, 2019, 113, 108767.	5 . 6	17
132	Inhibition of nucleolar stress response by Sirt1: A potential mechanism of acetylationâ€independent regulation of p53 accumulation. Aging Cell, 2019, 18, e12900.	6.7	17
133	Intraplaque injection of Ad5 MV.p53 aggravates local inflammation and leads to plaque instability in rabbits. Journal of Cellular and Molecular Medicine, 2009, 13, 2713-2723.	3.6	16
134	Atherosclerotic plaque components characterization and macrophage infiltration identification by intravascular ultrasound elastography based on b-mode analysis: validation in vivo. International Journal of Cardiovascular Imaging, 2011, 27, 39-49.	1.5	16
135	TRAIL/DR5 Signaling Promotes Macrophage Foam Cell Formation by Modulating Scavenger Receptor Expression. PLoS ONE, 2014, 9, e87059.	2.5	16
136	Valsartan blocks thrombospondin/transforming growth factor/Smads to inhibit aortic remodeling in diabetic rats. Diagnostic Pathology, 2015, 10, 18.	2.0	16
137	TRIM31 Deficiency Is Associated with Impaired Glucose Metabolism and Disrupted Gut Microbiota in Mice. Frontiers in Physiology, 2018, 9, 24.	2.8	16
138	Silencing of NONO inhibits abdominal aortic aneurysm in apolipoprotein Eâ€knockout mice via collagen deposition and inflammatory inhibition. Journal of Cellular and Molecular Medicine, 2019, 23, 7449-7461.	3.6	16
139	An intersegmental single-cell profile reveals aortic heterogeneity and identifies a novel Malat1+ vascular smooth muscle subtype involved in abdominal aortic aneurysm formation. Signal Transduction and Targeted Therapy, 2022, 7, 125.	17.1	16
140	Improvement of the catalytic performance of lignin peroxidase in reversed micelles. Journal of Chemical Technology and Biotechnology, 2008, 83, 64-70.	3.2	15
141	A novel butyrolactone derivative inhibited smooth muscle cell migration and proliferation and maintained endothelial cell functions through selectively affecting Na, Kâ€ATPase activity and mitochondria membrane potential during in vitro angiogenesis. Journal of Cellular Biochemistry, 2008. 104. 2123-2130.	2.6	15
142	Catalytic performance of lignin peroxidase in a novel reverse micelle. Colloids and Surfaces B: Biointerfaces, 2008, 65, 50-53.	5.0	15
143	Combinatorial interference of toll-like receptor 2 and 4 synergistically stabilizes atherosclerotic plaque in apolipoprotein E-knockout mice. Journal of Cellular and Molecular Medicine, 2011, 15, 602-611.	3.6	15
144	Attenuation of atherosclerotic lesions in diabetic apolipoprotein Eâ€deficient mice using gene silencing of macrophage migration inhibitory factor. Journal of Cellular and Molecular Medicine, 2015, 19, 836-849.	3 . 6	15

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145	Mendelian randomization studies on atherosclerotic cardiovascular disease: evidence and limitations. Science China Life Sciences, 2019, 62, 758-770.	4.9	15
146	NPR-C gene polymorphism is associated with increased susceptibility to coronary artery disease in Chinese Han population: a multicenter study. Oncotarget, 2016, 7, 33662-33674.	1.8	15
147	Normal Values of Aortic Root Size According to Age, Sex, and Race: Results of the World Alliance of Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2022, 35, 267-274.	2.8	15
148	Silencing of Non-POU-domain-containing octamer-binding protein stabilizes atherosclerotic plaque in apolipoprotein E -knockout mice via NF-l ^o B signaling pathway. International Journal of Cardiology, 2018, 263, 96-103.	1.7	14
149	Silencing of junctional adhesion molecule-like protein attenuates atherogenesis and enhances plaque stability in ApoEâ^'/â^' mice. Clinical Science, 2019, 133, 1215-1228.	4.3	14
150	Erythropoietin promotes abdominal aortic aneurysms in mice through angiogenesis and inflammatory infiltration. Science Translational Medicine, 2021, 13, .	12.4	14
151	The E3 ubiquitin ligase TRIM31 plays a critical role in hypertensive nephropathy by promoting proteasomal degradation of MAP3K7 in the TGF- $\hat{1}^21$ signaling pathway. Cell Death and Differentiation, 2022, 29, 556-567.	11.2	14
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