

Xi-Long Zheng

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102
papers

7,246
citations

34
h-index

84
g-index

105
ext. papers

8,465
ext. citations

4.4
avg, IF

5.43
L-index

#	Paper	IF	Citations
102	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
101	The effect of thick fibers and large pores of electrospun poly(L-lactide) vascular grafts on macrophage polarization and arterial regeneration. <i>Biomaterials</i> , 2014 , 35, 5700-10	15.6	290
100	CircRNA_000203 enhances the expression of fibrosis-associated genes by derepressing targets of miR-26b-5p, Col1a2 and CTGF, in cardiac fibroblasts. <i>Scientific Reports</i> , 2017 , 7, 40342	4.9	170
99	MicroRNA-27a/b regulates cellular cholesterol efflux, influx and esterification/hydrolysis in THP-1 macrophages. <i>Atherosclerosis</i> , 2014 , 234, 54-64	3.1	132
98	New role of PCSK9 in atherosclerotic inflammation promotion involving the TLR4/NF- κ B pathway. <i>Atherosclerosis</i> , 2017 , 262, 113-122	3.1	118
97	ABCG5/ABCG8 in cholesterol excretion and atherosclerosis. <i>Clinica Chimica Acta</i> , 2014 , 428, 82-8	6.2	103
96	Cholesterol transport system: An integrated cholesterol transport model involved in atherosclerosis. <i>Progress in Lipid Research</i> , 2019 , 73, 65-91	14.3	98
95	MicroRNA-19b promotes macrophage cholesterol accumulation and aortic atherosclerosis by targeting ATP-binding cassette transporter A1. <i>Atherosclerosis</i> , 2014 , 236, 215-26	3.1	97
94	Transcriptional Regulation of Macrophages Polarization by MicroRNAs. <i>Frontiers in Immunology</i> , 2018 , 9, 1175	8.4	94
93	Myocardin inhibits cellular proliferation by inhibiting NF- κ B(p65)-dependent cell cycle progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 3362-7	11.5	84
92	Nuclear Factor- κ B Activation as a Pathological Mechanism of Lipid Metabolism and Atherosclerosis. <i>Advances in Clinical Chemistry</i> , 2015 , 70, 1-30	5.8	73
91	Lipoprotein lipase: from gene to atherosclerosis. <i>Atherosclerosis</i> , 2014 , 237, 597-608	3.1	69
90	Globular adiponectin, acting via AdipoR1/APPL1, protects H9c2 cells from hypoxia/reoxygenation-induced apoptosis. <i>PLoS ONE</i> , 2011 , 6, e19143	3.7	63
89	The roles of autophagy in vascular smooth muscle cells. <i>International Journal of Cardiology</i> , 2016 , 211, 1-6	3.2	60
88	Diosgenin inhibits atherosclerosis via suppressing the MiR-19b-induced downregulation of ATP-binding cassette transporter A1. <i>Atherosclerosis</i> , 2015 , 240, 80-9	3.1	55
87	Lipoprotein lipase: Biosynthesis, regulatory factors, and its role in atherosclerosis and other diseases. <i>Clinica Chimica Acta</i> , 2018 , 480, 126-137	6.2	52
86	Tet methylcytosine dioxygenase 2 inhibits atherosclerosis via upregulation of autophagy in ApoE ^{-/-} mice. <i>Oncotarget</i> , 2016 , 7, 76423-76436	3.3	52

85	Hydrogen sulfide as a potent cardiovascular protective agent. <i>Clinica Chimica Acta</i> , 2014 , 437, 78-87	6.2	51
84	MicroRNA-590 attenuates lipid accumulation and pro-inflammatory cytokine secretion by targeting lipoprotein lipase gene in human THP-1 macrophages. <i>Biochimie</i> , 2014 , 106, 81-90	4.6	51
83	Apolipoprotein A-1 binding protein promotes macrophage cholesterol efflux by facilitating apolipoprotein A-1 binding to ABCA1 and preventing ABCA1 degradation. <i>Atherosclerosis</i> , 2016 , 248, 149-59	3.1	50
82	Epigallocatechin-3-gallate attenuates impairment of learning and memory in chronic unpredictable mild stress-treated rats by restoring hippocampal autophagic flux. <i>PLoS ONE</i> , 2014 , 9, e112683	3.7	48
81	NPC1, intracellular cholesterol trafficking and atherosclerosis. <i>Clinica Chimica Acta</i> , 2014 , 429, 69-75	6.2	48
80	Chlamydia pneumoniae negatively regulates ABCA1 expression via TLR2-Nuclear factor-kappa B and miR-33 pathways in THP-1 macrophage-derived foam cells. <i>Atherosclerosis</i> , 2014 , 235, 519-25	3.1	47
79	Steroid receptor RNA activator: Biologic function and role in disease. <i>Clinica Chimica Acta</i> , 2016 , 459, 137-146	6.2	46
78	Histone Methyltransferase Enhancer of Zeste Homolog 2-Mediated ABCA1 Promoter DNA Methylation Contributes to the Progression of Atherosclerosis. <i>PLoS ONE</i> , 2016 , 11, e0157265	3.7	45
77	MicroRNA-27 Prevents Atherosclerosis by Suppressing Lipoprotein Lipase-Induced Lipid Accumulation and Inflammatory Response in Apolipoprotein E Knockout Mice. <i>PLoS ONE</i> , 2016 , 11, e0157085	3.7	43
76	The protective functions of omentin in cardiovascular diseases. <i>Clinica Chimica Acta</i> , 2015 , 448, 98-106	6.2	42
75	Peroxisome Proliferator-Activated Receptor α In Lipid Metabolism and Atherosclerosis. <i>Advances in Clinical Chemistry</i> , 2015 , 71, 171-203	5.8	40
74	Apelin-13 impedes foam cell formation by activating Class III PI3K/Beclin-1-mediated autophagic pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 466, 637-43	3.4	38
73	Puerarin promotes ABCA1-mediated cholesterol efflux and decreases cellular lipid accumulation in THP-1 macrophages. <i>European Journal of Pharmacology</i> , 2017 , 811, 74-86	5.3	38
72	Nicotinate-Curcumin Impedes Foam Cell Formation from THP-1 Cells through Restoring Autophagy Flux. <i>PLoS ONE</i> , 2016 , 11, e0154820	3.7	37
71	MicroRNA-134 activates lipoprotein lipase-mediated lipid accumulation and inflammatory response by targeting angiopoietin-like 4 in THP-1 macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 472, 410-7	3.4	34
70	PCSK9: A novel inflammation modulator in atherosclerosis?. <i>Journal of Cellular Physiology</i> , 2019 , 234, 2345-2355	7	34
69	Itaconate: an emerging determinant of inflammation in activated macrophages. <i>Immunology and Cell Biology</i> , 2019 , 97, 134-141	5	34
68	The effects of miR-467b on lipoprotein lipase (LPL) expression, pro-inflammatory cytokine, lipid levels and atherosclerotic lesions in apolipoprotein E knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 443, 428-34	3.4	31

67	2-methoxyestradiol induces cell cycle arrest and mitotic cell apoptosis in human vascular smooth muscle cells. <i>Hypertension</i> , 2006 , 47, 271-80	8.5	31
66	Cystathionine γ -lyase(CSE)/hydrogen sulfide system is regulated by miR-216a and influences cholesterol efflux in macrophages via the PI3K/AKT/ABCA1 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 470, 107-116	3.4	30
65	Betulinic acid downregulates expression of oxidative stress-induced lipoprotein lipase via the PKC/ERK/c-Fos pathway in RAW264.7 macrophages. <i>Biochimie</i> , 2015 , 119, 192-203	4.6	28
64	AIBP reduces atherosclerosis by promoting reverse cholesterol transport and ameliorating inflammation in apoE mice. <i>Atherosclerosis</i> , 2018 , 273, 122-130	3.1	28
63	MicroRNA-186 promotes macrophage lipid accumulation and secretion of pro-inflammatory cytokines by targeting cystathionine γ -lyase in THP-1 macrophages. <i>Atherosclerosis</i> , 2016 , 250, 122-32	3.1	28
62	Myocardin: A novel player in atherosclerosis. <i>Atherosclerosis</i> , 2017 , 257, 266-278	3.1	27
61	Heat shock protein 70 accelerates atherosclerosis by downregulating the expression of ABCA1 and ABCG1 through the JNK/Elk-1 pathway. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 806-822	5	27
60	MiR-486 regulates cholesterol efflux by targeting HAT1. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 472, 418-24	3.4	27
59	Interleukin-17A in lipid metabolism and atherosclerosis. <i>Clinica Chimica Acta</i> , 2014 , 431, 33-9	6.2	27
58	Differential expression of G-protein-coupled estrogen receptor-30 in human myometrial and uterine leiomyoma smooth muscle. <i>Fertility and Sterility</i> , 2013 , 99, 256-263.e3	4.8	27
57	Myocardin and smooth muscle differentiation. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 543, 48-56	4.1	27
56	Extract of Naotaifang, a compound Chinese herbal medicine, protects neuron ferroptosis induced by acute cerebral ischemia in rats. <i>Journal of Integrative Medicine</i> , 2020 , 18, 344-350	4	27
55	Apolipoprotein A-1 Binding Protein Inhibits Inflammatory Signaling Pathways by Binding to Apolipoprotein A-1 in THP-1 Macrophages. <i>Circulation Journal</i> , 2018 , 82, 1396-1404	2.9	26
54	Sortilin: A novel regulator in lipid metabolism and atherogenesis. <i>Clinica Chimica Acta</i> , 2016 , 460, 11-7	6.2	26
53	A novel peptide adropin in cardiovascular diseases. <i>Clinica Chimica Acta</i> , 2016 , 453, 107-13	6.2	25
52	Targeting EZH1 and EZH2 contributes to the suppression of fibrosis-associated genes by miR-214-3p in cardiac myofibroblasts. <i>Oncotarget</i> , 2016 , 7, 78331-78342	3.3	25
51	Interferon- γ in foam cell formation and progression of atherosclerosis. <i>Clinica Chimica Acta</i> , 2015 , 441, 33-43	6.2	24
50	Combined use of metformin and atorvastatin attenuates atherosclerosis in rabbits fed a high-cholesterol diet. <i>Scientific Reports</i> , 2017 , 7, 2169	4.9	23

49	Myocyte-specific enhancer factor 2C: a novel target gene of miR-214-3p in suppressing angiotensin II-induced cardiomyocyte hypertrophy. <i>Scientific Reports</i> , 2016 , 6, 36146	4.9	23
48	MicroRNA-590 Inhibits Lipoprotein Lipase Expression and Prevents Atherosclerosis in apoE Knockout Mice. <i>PLoS ONE</i> , 2015 , 10, e0138788	3.7	23
47	Mangiferin promotes macrophage cholesterol efflux and protects against atherosclerosis by augmenting the expression of ABCA1 and ABCG1. <i>Aging</i> , 2019 , 11, 10992-11009	5.6	23
46	C1q tumor necrosis factor-related protein 9 in atherosclerosis: Mechanistic insights and therapeutic potential. <i>Atherosclerosis</i> , 2018 , 276, 109-116	3.1	22
45	Urotensin II increases foam cell formation by repressing ABCA1 expression through the ERK/NF- κ B pathway in THP-1 macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 452, 998-1003	3.4	22
44	Interleukin-27 inhibits foam cell formation by promoting macrophage ABCA1 expression through JAK2/STAT3 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 452, 881-7	3.4	22
43	TET2 Protects against oxLDL-Induced HUVEC Dysfunction by Upregulating the CSE/HS System. <i>Frontiers in Pharmacology</i> , 2017 , 8, 486	5.6	21
42	Proprotein convertase furin/PCSK3 and atherosclerosis: New insights and potential therapeutic targets. <i>Atherosclerosis</i> , 2017 , 262, 163-170	3.1	20
41	Calphostin-C induction of vascular smooth muscle cell apoptosis proceeds through phospholipase D and microtubule inhibition. <i>Journal of Biological Chemistry</i> , 2004 , 279, 7112-8	5.4	20
40	Hsp27 promotes ABCA1 expression and cholesterol efflux through the PI3K/PKC/ β Sp1 pathway in THP-1 macrophages. <i>European Journal of Pharmacology</i> , 2017 , 810, 57-62	5.3	19
39	Epidermal growth factor induction of phenotype-dependent cell cycle arrest in vascular smooth muscle cells is through the mitogen-activated protein kinase pathway. <i>Journal of Biological Chemistry</i> , 2003 , 278, 53017-25	5.4	19
38	Interferon-stimulated gene 15 promotes cholesterol efflux by activating autophagy via the miR-17-5p/Beclin-1 pathway in THP-1 macrophage-derived foam cells. <i>European Journal of Pharmacology</i> , 2018 , 827, 13-21	5.3	18
37	MicroRNA-296: a promising target in the pathogenesis of atherosclerosis?. <i>Molecular Medicine</i> , 2018 , 24, 12	6.2	18
36	Myocyte Enhancer Factor 2A Regulates Hydrogen Peroxide-Induced Senescence of Vascular Smooth Muscle Cells Via microRNA-143. <i>Journal of Cellular Physiology</i> , 2015 , 230, 2202-11	7	17
35	MicroRNA-134 Promotes the Development of Atherosclerosis Via the ANGPTL4/LPL Pathway in Apolipoprotein E Knockout Mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2018 , 25, 244-253	4	17
34	Visceral adipose tissue-derived serine protease inhibitor accelerates cholesterol efflux by up-regulating ABCA1 expression via the NF- κ B/miR-33a pathway in THP-1 macropahge-derived foam cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 500, 318-324	3.4	16
33	MicroRNA-182 Promotes Lipoprotein Lipase Expression and Atherogenesisby Targeting Histone Deacetylase 9 in Apolipoprotein E-Knockout Mice. <i>Circulation Journal</i> , 2017 , 82, 28-38	2.9	16
32	Growth differentiation factor-15 induces expression of ATP-binding cassette transporter A1 through PI3-K/PKC/ β SP1 pathway in THP-1 macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 444, 325-31	3.4	15

31	TM6SF2: A novel target for plasma lipid regulation. <i>Atherosclerosis</i> , 2018 , 268, 170-176	3.1	15
30	Novel role of the clustered miR-23b-3p and miR-27b-3p in enhanced expression of fibrosis-associated genes by targeting TGFBR3 in atrial fibroblasts. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 3246-3256	5.6	14
29	Long non-coding RNA H19 in atherosclerosis: what role?. <i>Molecular Medicine</i> , 2020 , 26, 72	6.2	13
28	Interleukin-1beta, Src- and non-Src tyrosine kinases, and nitric oxide synthase induction in rat aorta in vitro. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H566-76	5.2	12
27	Coiled-coil domain-containing 80 accelerates atherosclerosis development through decreasing lipoprotein lipase expression via ERK1/2 phosphorylation and TET2 expression. <i>European Journal of Pharmacology</i> , 2019 , 843, 177-189	5.3	12
26	Pregnancy-associated plasma protein-A in atherosclerosis: Molecular marker, mechanistic insight, and therapeutic target. <i>Atherosclerosis</i> , 2018 , 278, 250-258	3.1	12
25	IL-8 negatively regulates ABCA1 expression and cholesterol efflux via upregulating miR-183 in THP-1 macrophage-derived foam cells. <i>Cytokine</i> , 2019 , 122, 154385	4	11
24	The role of Krüppel-like factor 14 in the pathogenesis of atherosclerosis. <i>Atherosclerosis</i> , 2017 , 263, 352-360	3.6	10
23	Dual regulation of myocardin expression by tumor necrosis factor- α in vascular smooth muscle cells. <i>PLoS ONE</i> , 2014 , 9, e112120	3.7	10
22	Nobiletin reduces LPL-mediated lipid accumulation and pro-inflammatory cytokine secretion through upregulation of miR-590 expression. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 508, 97-101	3.4	9
21	Physiology and role of PCSK9 in vascular disease: Potential impact of localized PCSK9 in vascular wall. <i>Journal of Cellular Physiology</i> , 2021 , 236, 2333-2351	7	9
20	Cyclosporin A inhibits apolipoprotein AI gene expression. <i>Journal of Molecular Endocrinology</i> , 2006 , 37, 367-73	4.5	8
19	Predisposition to tetraploidy in pulmonary vascular smooth muscle cells derived from the Eker rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L702-11	5.8	7
18	Potential Role of Glycogen Synthase Kinase-3 β in Regulation of Myocardin Activity in Human Vascular Smooth Muscle Cells. <i>Journal of Cellular Physiology</i> , 2016 , 231, 393-402	7	7
17	PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9) Triggers Vascular Smooth Muscle Cell Senescence and Apoptosis: Implication of Its Direct Role in Degenerative Vascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , ATVBAHA121316902	9.4	6
16	Emerging roles of absent in melanoma 2 in cardiovascular diseases. <i>Clinica Chimica Acta</i> , 2020 , 511, 14-23	6.2	6
15	MicroRNA-377 Inhibits Atherosclerosis by Regulating Triglyceride Metabolism Through the DNA Methyltransferase 1 in Apolipoprotein E-Knockout Mice. <i>Circulation Journal</i> , 2018 , 82, 2861-2871	2.9	6
14	MG132 Induces Expression of Monocyte Chemotactic Protein-Induced Protein 1 in Vascular Smooth Muscle Cells. <i>Journal of Cellular Physiology</i> , 2017 , 232, 122-8	7	5

13	ApoA-1 Mimetic Peptide ELK-2A2K2E Decreases Inflammatory Factor Levels Through the ABCA1-JAK2-STAT3-TTP Axis in THP-1-Derived Macrophages. <i>Journal of Cardiovascular Pharmacology</i> , 2018 , 72, 60-67	3.1	5
12	Risk factors associated with atherogenic dyslipidemia in the presence of optimal statin therapy. <i>International Journal of Cardiology</i> , 2017 , 248, 355-360	3.2	5
11	Atrogin-1 Increases Smooth Muscle Contractility Through Myocardin Degradation. <i>Journal of Cellular Physiology</i> , 2017 , 232, 806-817	7	5
10	PCSK9: Associated with cardiac diseases and their risk factors?. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 704, 108717	4.1	5
9	The Long Noncoding RNA Metastasis-Associated Lung Adenocarcinoma Transcript-1 Regulates CCDC80 Expression by Targeting miR-141-3p/miR-200a-3p in Vascular Smooth Muscle Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2020 , 75, 336-343	3.1	4
8	Kr�pel-like factor 14 inhibits atherosclerosis via mir-27a-mediated down-regulation of lipoprotein lipase expression in vivo. <i>Atherosclerosis</i> , 2019 , 289, 143-161	3.1	3
7	Bromodomain-containing protein 4 and its role in cardiovascular diseases. <i>Journal of Cellular Physiology</i> , 2021 , 236, 4829-4840	7	3
6	Diverging targets mediate the pathological role of miR-199a-5p and miR-199a-3p by promoting cardiac hypertrophy and fibrosis. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 26, 1035-1050	10.7	2
5	LncRNA-modulated autophagy in plaque cells: a new paradigm of gene regulation in atherosclerosis?. <i>Aging</i> , 2020 , 12, 22335-22349	5.6	1
4	Curcumin Acetylsalicylate Extends the Lifespan of. <i>Molecules</i> , 2021 , 26,	4.8	1
3	Multifunctional RNase MCP1P1 and its Role in Cardiovascular Diseases. <i>Current Medicinal Chemistry</i> , 2021 , 28, 3385-3405	4.3	1
2	The Role of Extracellular Non-coding RNAs in Atherosclerosis.. <i>Journal of Cardiovascular Translational Research</i> , 2022 , 1	3.3	0
1	Reply to: "PCSK9 antagonists and inflammation". <i>Atherosclerosis</i> , 2018 , 268, 237-238	3.1	