

Zhenguo Liu

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

857
citations

567281

15
h-index

552781

26
g-index

50
all docs

50
docs citations

50
times ranked

1189
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardioprotection of recombinant human MG53 protein in a porcine model of ischemia and reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 10-19.	1.9	91
2	Autophagy promotes angiogenesis via AMPK/Akt/mTOR signaling during the recovery of heat-denatured endothelial cells. <i>Cell Death and Disease</i> , 2018, 9, 1152.	6.3	74
3	CARD9 promotes autophagy in cardiomyocytes in myocardial ischemia/reperfusion injury via interacting with Rubicon directly. <i>Basic Research in Cardiology</i> , 2020, 115, 29.	5.9	61
4	<i>Helicobacter pylori</i> Infection Impairs Endothelial Function Through an Exosome-Mediated Mechanism. <i>Journal of the American Heart Association</i> , 2020, 9, e014120.	3.7	46
5	A Nano-In-Micro System for Enhanced Stem Cell Therapy of Ischemic Diseases. <i>ACS Central Science</i> , 2017, 3, 875-885.	11.3	41
6	Endothelial nitric oxide synthase is dynamically expressed during bone marrow stem cell differentiation into endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H1760-H1765.	3.2	35
7	Ambient particulate matter exposure and cardiovascular diseases: a focus on progenitor and stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 782-793.	3.6	34
8	Amelioration of ischemia-reperfusion-induced muscle injury by the recombinant human MG53 protein. <i>Muscle and Nerve</i> , 2015, 52, 852-858.	2.2	32
9	Ambient Fine Particulate Matter Suppresses In Vivo Proliferation of Bone Marrow Stem Cells through Reactive Oxygen Species Formation. <i>PLoS ONE</i> , 2015, 10, e0127309.	2.5	31
10	<i>Helicobacter pylori</i> infection selectively increases the risk for carotid atherosclerosis in young males. <i>Atherosclerosis</i> , 2019, 291, 71-77.	0.8	31
11	CARD9 inhibits mitochondria-dependent apoptosis of cardiomyocytes under oxidative stress via interacting with Apaf-1. <i>Free Radical Biology and Medicine</i> , 2019, 141, 172-181.	2.9	29
12	Inflammatory bowel disease and cardiovascular diseases: a concise review. <i>European Heart Journal Open</i> , 2022, 2, .	2.3	24
13	N-acetylcysteine inhibits in vivo oxidation of native low-density lipoprotein. <i>Scientific Reports</i> , 2015, 5, 16339.	3.3	23
14	High glucose attenuates VEGF expression in rat multipotent adult progenitor cells in association with inhibition of JAK2/STAT3 signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3427-3436.	3.6	22
15	Prenatal alcohol exposure causes the over-expression of DHAND and EHAND by increasing histone H3K14 acetylation in C57 BL/6 mice. <i>Toxicology Letters</i> , 2014, 228, 140-146.	0.8	19
16	Admission Glucose Levels May Increase the Risk for Early Neurological Deterioration in Females With Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020, 11, 548892.	2.4	18
17	CagA+ <i>Helicobacter pylori</i> , Not CagA- <i>Helicobacter pylori</i> , Infection Impairs Endothelial Function Through Exosomes-Mediated ROS Formation. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 881372.	2.4	17
18	Nucleolin enhances the proliferation and migration of heat-denatured human dermal fibroblasts. <i>Wound Repair and Regeneration</i> , 2015, 23, 807-818.	3.0	15

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19	Tanshinoneâ€”IIA inhibits myocardial infarct via decreasing of theâ€”mitochondrial apoptotic signaling pathway in cardiomyocytes. <i>International Journal of Molecular Medicine</i> , 2021, 48, .	4.0	15
20	Oxidized low-density lipoprotein alters endothelial progenitor cell populations. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 975-988.	3.0	13
21	Combination of Antioxidant Enzyme Overexpression and Nâ€”Acetylcysteine Treatment Enhances the Survival of Bone Marrow Mesenchymal Stromal Cells in Ischemic Limb in Mice With Type 2 Diabetes. <i>Journal of the American Heart Association</i> , 2021, 10, e023491.	3.7	13
22	An Integrative Human Pan-Cancer Analysis of Cyclin-Dependent Kinase 1 (CDK1). <i>Cancers</i> , 2022, 14, 2658.	3.7	13
23	Heat shock factor-1 knockout enhances cholesterol 7Î±-hydroxylase (CYP7A1) and multidrug transporter (MDR1) gene expressions to attenuate atherosclerosis. <i>Cardiovascular Research</i> , 2016, 111, 74-83.	3.8	12
24	Endothelial stem cells attenuate cardiac apoptosis via downregulating cardiac microRNAâ€”146a in a rat model of coronary heart disease. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 4246-4252.	1.8	12
25	MicroRNA-126a-5p enhances myocardial ischemia-reperfusion injury through suppressing Hspb8 expression. <i>Oncotarget</i> , 2017, 8, 94172-94187.	1.8	12
26	Overexpression of Inducible Nitric Oxide Synthase Impairs the Survival of Bone marrow Stem Cells Transplanted into Rat Infarcted Myocardium. <i>Life Sciences</i> , 2014, 106, 50-57.	4.3	11
27	Differential ERK1/2 Signaling and Hypertrophic Response to Endothelin-1 in Cardiomyocytes from SHR and Wistar-Kyoto Rats: A Potential Target for Combination Therapy of Hypertension. <i>Current Vascular Pharmacology</i> , 2015, 13, 467-474.	1.7	10
28	Alcohol exposure increases the expression of cardiac transcription factors through ERK1/2-mediated histone3 hyperacetylation in H9c2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 670-675.	2.1	10
29	Nâ€”acetylcysteine prevents oxidized lowâ€”density lipoproteinâ€”induced reduction of MG53 and enhances MG53 protective effect on bone marrow stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 886-898.	3.6	10
30	N-acetylcysteine differentially regulates the populations of bone marrow and circulating endothelial progenitor cells in mice with limb ischemia. <i>European Journal of Pharmacology</i> , 2020, 881, 173233.	3.5	9
31	Simultaneous Activation of Erk1/2 and Akt Signaling is Critical for Formononetin-Induced Promotion of Endothelial Function. <i>Frontiers in Pharmacology</i> , 2020, 11, 608518.	3.5	9
32	Initiation and outcomes with Class Ic antiarrhythmic drug therapy. <i>Indian Pacing and Electrophysiology Journal</i> , 2018, 18, 68-72.	0.6	7
33	Concomitant overexpression of triple antioxidant enzymes selectively increases circulating endothelial progenitor cells in mice with limb ischaemia. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4019-4029.	3.6	7
34	CD34 ⁺ cells and endothelial progenitor cell subpopulations are associated with cerebral small vessel disease burden. <i>Biomarkers in Medicine</i> , 2021, 15, 191-200.	1.4	6
35	Single-cell RNA sequencing to characterize the response of pancreatic cancer to anti-PD-1 immunotherapy. <i>Translational Oncology</i> , 2022, 15, 101262.	3.7	6
36	Measurement of O-GlcNAcylated endothelial nitric oxide synthase by using 2â€”5â€”ADP-Sepharose pull-down assay. <i>Analytical Biochemistry</i> , 2017, 537, 8-12.	2.4	5

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37	Cardiac Troponin I R193H Mutation Is Associated with Mitochondrial Damage in Cardiomyocytes. <i>DNA and Cell Biology</i> , 2021, 40, 184-191.	1.9	5
38	Probucol protects circulating endothelial progenitor cells from ambient PM2.5 damage via inhibition of reactive oxygen species and inflammatory cytokine production <i>in vivo</i> . <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 4322-4328.	1.8	4
39	Essen Stroke Risk Score Predicts Carotid Atherosclerosis in Chinese Community Populations. <i>Risk Management and Healthcare Policy</i> , 2020, Volume 13, 2115-2123.	2.5	4
40	Tempol Preserves Endothelial Progenitor Cells in Male Mice with Ambient Fine Particulate Matter Exposure. <i>Biomedicines</i> , 2022, 10, 327.	3.2	4
41	Abdominal Aortic Endothelial Dysfunction Occurs in Female Mice With Dextran Sodium Sulfate-Induced Chronic Colitis Independently of Reactive Oxygen Species Formation. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 871335.	2.4	4
42	High-fat diet selectively decreases bone marrow lin ⁺ /CD117 ⁺ cell population in aging mice through increased ROS production. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 884-892.	2.7	3
43	A Nomogram to Predict Lifestyle Factors for Recurrence of Large-Vessel Ischemic Stroke. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 365-377.	2.5	3
44	N-Acetylcysteine Enhances the Recovery of Ischemic Limb in Type-2 Diabetic Mice. <i>Antioxidants</i> , 2022, 11, 1097.	5.1	3
45	An Integrative Pan-Cancer Analysis of Kinesin Family Member C1 (KIFC1) in Human Tumors. <i>Biomedicines</i> , 2022, 10, 637.	3.2	2
46	Rock inhibitor may compromise human induced pluripotent stem cells for cardiac differentiation in 3D. <i>Bioactive Materials</i> , 2021, 9, 508-522.	15.6	1
47	CARD9-Mediated Signaling and Cardiovascular Diseases. <i>JACC Basic To Translational Science</i> , 2022, 7, 406-409.	4.1	1
48	Helicobacter pylori Infection and Endothelial Dysfunction. , 0, , .		0
49	Inhibition of Nitric Oxide Synthase Does Not Change Oct4 Expression or Differentiation of Bone Marrow Stem Cells into Endothelial Cells <i>in vitro</i> . <i>FASEB Journal</i> , 2006, 20, .	0.5	0
50	OxLDL Impairs Bone Marrow Stem Cell Differentiation into Endothelial Cells Possibly through Inhibition of Akt Phosphorylation. <i>FASEB Journal</i> , 2008, 22, 1197.7.	0.5	0