

Lin Chang

List of Publications by Year in descending order

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36
papers

1,778
citations

331670

21
h-index

361022

35
g-index

37
all docs

37
docs citations

37
times ranked

2498
citing authors

#	ARTICLE	IF	CITATIONS
1	Krüppel-like factor 14 deletion in myeloid cells accelerates atherosclerotic lesion development. <i>Cardiovascular Research</i> , 2022, 118, 475-488.	3.8	15
2	RNA sequencing reveals perivascular adipose tissue plasticity in response to angiotensin II. <i>Pharmacological Research</i> , 2022, 178, 106183.	7.1	7
3	Suppression of Vascular Macrophage Activation by Nitro-Oleic Acid and its Implication for Abdominal Aortic Aneurysm Therapy. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 939-951.	2.6	9
4	Roles of Perivascular Adipose Tissue in Hypertension and Atherosclerosis. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 736-749.	5.4	38
5	Single-cell RNA sequencing reveals the cellular heterogeneity of aneurysmal infrarenal abdominal aorta. <i>Cardiovascular Research</i> , 2021, 117, 1402-1416.	3.8	95
6	KLF11 protects against abdominal aortic aneurysm through inhibition of endothelial cell dysfunction. <i>JCI Insight</i> , 2021, 6, .	5.0	17
7	Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. <i>Cell Reports</i> , 2021, 36, 109420.	6.4	18
8	Inhibition of a Novel CLK1-THRAP3-PPAR β Axis Improves Insulin Sensitivity. <i>Frontiers in Physiology</i> , 2021, 12, 699578.	2.8	1
9	Regulatory variants in TCF7L2 are associated with thoracic aortic aneurysm. <i>American Journal of Human Genetics</i> , 2021, 108, 1578-1589.	6.2	17
10	Phospholipid nanoparticles: Therapeutic potentials against atherosclerosis via reducing cholesterol crystals and inhibiting inflammation. <i>EBioMedicine</i> , 2021, 74, 103725.	6.1	16
11	Glycine-based treatment ameliorates NAFLD by modulating fatty acid oxidation, glutathione synthesis, and the gut microbiome. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	122
12	BAF60a Deficiency in Vascular Smooth Muscle Cells Prevents Abdominal Aortic Aneurysm by Reducing Inflammation and Extracellular Matrix Degradation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2494-2507.	2.4	31
13	Cyclodextrin Prevents Abdominal Aortic Aneurysm via Activation of Vascular Smooth Muscle Cell Transcription Factor EB. <i>Circulation</i> , 2020, 142, 483-498.	1.6	56
14	Editorial. <i>Current Opinion in Lipidology</i> , 2020, 31, 104-107.	2.7	4
15	Perivascular Adipose Tissue Regulates Vascular Function by Targeting Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1094-1109.	2.4	81
16	Revisiting Vascular Remodeling in the Single-Cell Transcriptome Era. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1896-1898.	2.4	1
17	Bmal1 in Perivascular Adipose Tissue Regulates Resting-Phase Blood Pressure Through Transcriptional Regulation of Angiotensinogen. <i>Circulation</i> , 2018, 138, 67-79.	1.6	77
18	Rapid estrogen receptor α signaling mediated by ERK activation regulates vascular tone in male and ovary-intact female mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H330-H342.	3.2	12

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19	Sex differences in abdominal aortic aneurysms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H1137-H1152.	3.2	30
20	MitoNEET in Perivascular Adipose Tissue Prevents Arterial Stiffness in Aging Mice. <i>Cardiovascular Drugs and Therapy</i> , 2018, 32, 531-539.	2.6	19
21	Brown Adipose Tissue, Not Just a Heater. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 389-391.	2.4	13
22	MitoNEET in Perivascular Adipose Tissue Blunts Atherosclerosis under Mild Cold Condition in Mice. <i>Frontiers in Physiology</i> , 2017, 8, 1032.	2.8	24
23	Cardiomyocyte Overexpression of FABP4 Aggravates Pressure Overload-Induced Heart Hypertrophy. <i>PLoS ONE</i> , 2016, 11, e0157372.	2.5	23
24	Transcriptional signatures of unfolded protein response implicate the limitation of animal models in pathophysiological studies. <i>Environmental Disease</i> , 2016, 1, 24.	0.1	3
25	The Liver Clock Controls Cholesterol Homeostasis through Trib1 Protein-mediated Regulation of PCSK9/Low Density Lipoprotein Receptor (LDLR) Axis. <i>Journal of Biological Chemistry</i> , 2015, 290, 31003-31012.	3.4	31
26	Irisin: A myokine with locomotor activity. <i>Neuroscience Letters</i> , 2015, 595, 7-11.	2.1	34
27	A Diet-Sensitive BAF60a-Mediated Pathway Links Hepatic Bile Acid Metabolism to Cholesterol Absorption and Atherosclerosis. <i>Cell Reports</i> , 2015, 13, 1658-1669.	6.4	26
28	Perivascular Adipose Tissue in Vascular Function and Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1621-1630.	2.4	246
29	Paradoxical Roles of Perivascular Adipose Tissue in Atherosclerosis and Hypertension. <i>Circulation Journal</i> , 2013, 77, 11-18.	1.6	71
30	Electrophilic nitro- ω -fatty acids inhibit vascular inflammation. <i>FASEB Journal</i> , 2013, 27, 920.10.	0.5	0
31	Loss of Perivascular Adipose Tissue on Peroxisome Proliferator-Activated Receptor- β Deletion in Smooth Muscle Cells Impairs Intravascular Thermoregulation and Enhances Atherosclerosis. <i>Circulation</i> , 2012, 126, 1067-1078.	1.6	284
32	Identification and Mechanism of 10-Carbon Fatty Acid as Modulating Ligand of Peroxisome Proliferator-activated Receptors. <i>Journal of Biological Chemistry</i> , 2012, 287, 183-195.	3.4	119
33	Vascular Smooth Muscle Cell Peroxisome Proliferator-Activated Receptor- β Mediates Pioglitazone-Reduced Vascular Lesion Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 352-359.	2.4	23
34	Vascular smooth muscle cell peroxisome proliferator-activated receptor- β deletion promotes abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2010, 52, 984-993.	1.1	42
35	Vascular Smooth Muscle Cell-Selective Peroxisome Proliferator-Activated Receptor- β Deletion Leads to Hypertension. <i>Circulation</i> , 2009, 119, 2161-2169.	1.6	65
36	Rad GTPase Deficiency Leads to Cardiac Hypertrophy. <i>Circulation</i> , 2007, 116, 2976-2983.	1.6	105