Lin Chang

List of Publications by Year
in descending order

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	Loss of Perivascular Adipose Tissue on Peroxisome Proliferatorâ€“Activated Receptor-Î³ Deletion in Smooth Muscle Cells Impairs Intravascular Thermoregulation and Enhances Atherosclerosis. Circulation, 2012, 126, 1067-1078.	1.6	284
2	Perivascular Adipose Tissue in Vascular Function and Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1621-1630.	2.4	246
3	Glycine-based treatment ameliorates NAFLD by modulating fatty acid oxidation, glutathione synthesis, and the gut microbiome. Science Translational Medicine, 2020, 12, .	12.4	122
4	Identification and Mechanism of 10-Carbon Fatty Acid as Modulating Ligand of Peroxisome Proliferator-activated Receptors. Journal of Biological Chemistry, 2012, 287, 183-195.	3.4	119
5	Rad GTPase Deficiency Leads to Cardiac Hypertrophy. Circulation, 2007, 116, 2976-2983.	1.6	105
6	Single-cell RNA sequencing reveals the cellular heterogeneity of aneurysmal infrarenal abdominal aorta. Cardiovascular Research, 2021, 117, 1402-1416.	3.8	95
7	Perivascular Adipose Tissue Regulates Vascular Function by Targeting Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1094-1109.	2.4	81
8	Bmal1 in Perivascular Adipose Tissue Regulates Resting-Phase Blood Pressure Through Transcriptional Regulation of Angiotensinogen. Circulation, 2018, 138, 67-79.	1.6	77
9	Paradoxical Roles of Perivascular Adipose Tissue in Atherosclerosis and Hypertension. Circulation Journal, 2013, 77, 11-18.	1.6	71
10	Vascular Smooth Muscle Cellâ€“Selective Peroxisome Proliferatorâ€“Activated Receptor-Î³ Deletion Leads to Hypotension. Circulation, 2009, 119, 2161-2169.	1.6	65
11	Cyclodextrin Prevents Abdominal Aortic Aneurysm via Activation of Vascular Smooth Muscle Cell Transcription Factor EB. Circulation, 2020, 142, 483-498.	1.6	56
12	Vascular smooth muscle cell peroxisome proliferator-activated receptor-Î³ deletion promotes abdominal aortic aneurysms. Journal of Vascular Surgery, 2010, 52, 984-993.	1.1	42
13	Roles of Perivascular Adipose Tissue in Hypertension and Atherosclerosis. Antioxidants and Redox Signaling, 2021, 34, 736-749.	5.4	38
14	Irisin: A myokine with locomotor activity. Neuroscience Letters, 2015, 595, 7-11.	2.1	34
15	The Liver Clock Controls Cholesterol Homeostasis through Trib1 Protein-mediated Regulation of PCSK9/Low Density Lipoprotein Receptor (LDLR) Axis. Journal of Biological Chemistry, 2015, 290, 31003-31012.	3.4	31
16	BAF60a Deficiency in Vascular Smooth Muscle Cells Prevents Abdominal Aortic Aneurysm by Reducing Inflammation and Extracellular Matrix Degradation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2494-2507.	2.4	31
17	Sex differences in abdominal aortic aneurysms. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H1137-H1152.	3.2	30
18	A Diet-Sensitive BAF60a-Mediated Pathway Links Hepatic Bile Acid Metabolism to Cholesterol Absorption and Atherosclerosis. Cell Reports, 2015, 13, 1658-1669.	6.4	26

#	Article	IF	Citations
19	MitoNEET in Perivascular Adipose Tissue Blunts Atherosclerosis under Mild Cold Condition in Mice. Frontiers in Physiology, 2017, 8, 1032.	2.8	24
20	Vascular Smooth Muscle Cell Peroxisome Proliferatorâ€"Activated Receptor-Î³ Mediates Pioglitazone-Reduced Vascular Lesion Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 352-359.	2.4	23
21	Cardiomyocyte Overexpression of FABP4 Aggravates Pressure Overload-Induced Heart Hypertrophy. PLoS ONE, 2016, 11, e0157372.	2.5	23
22	MitoNEET in Perivascular Adipose Tissue Prevents Arterial Stiffness in Aging Mice. Cardiovascular Drugs and Therapy, 2018, 32, 531-539.	2.6	19
23	Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. Cell Reports, 2021, 36, 109420.	6.4	18
24	KLF11 protects against abdominal aortic aneurysm through inhibition of endothelial cell dysfunction. JCI Insight, 2021, 6, .	5.0	17
25	Regulatory variants in TCF7L2 are associated with thoracic aortic aneurysm. American Journal of Human Genetics, 2021, 108, 1578-1589.	6.2	17
26	Phospholipid nanoparticles: Therapeutic potentials against atherosclerosis via reducing cholesterol crystals and inhibiting inflammation. EBioMedicine, 2021, 74, 103725.	6.1	16
27	KrÃ¼ppel-like factor 14 deletion in myeloid cells accelerates atherosclerotic lesion development. Cardiovascular Research, 2022, 118, 475-488.	3.8	15
28	Brown Adipose Tissue, Not Just a Heater. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 389-391.	2.4	13
29	Rapid estrogen receptor-Î± signaling mediated by ERK activation regulates vascular tone in male and ovary-intact female mice. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H330-H342.	3.2	12
30	Suppression of Vascular Macrophage Activation by Nitro-Oleic Acid and its Implication for Abdominal Aortic Aneurysm Therapy. Cardiovascular Drugs and Therapy, 2021, 35, 939-951.	2.6	9
31	RNA sequencing reveals perivascular adipose tissue plasticity in response to angiotensin II. Pharmacological Research, 2022, 178, 106183.	7.1	7
32	Editorial. Current Opinion in Lipidology, 2020, 31, 104-107.	2.7	4
33	Transcriptional signatures of unfolded protein response implicate the limitation of animal models in pathophysiological studies. Environmental Disease, 2016, 1, 24.	0.1	3
34	Revisiting Vascular Remodeling in the Single-Cell Transcriptome Era. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1896-1898.	2.4	1
35	Inhibition of a Novel CLK1-THRAP3-PPARÎ³ Axis Improves Insulin Sensitivity. Frontiers in Physiology, 2021, 12, 699578.	2.8	1
36	Electrophilic nitroâ€fatty acids inhibit vascular inflammation. FASEB Journal, 2013, 27, 920.10.	0.5	0