Haocheng Lu

List of Publications by Year
in descending order

33 papers	2,511 citations	516710 16 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	3498 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Glycine-based treatment ameliorates NAFLD by modulating fatty acid oxidation, glutathione synthesis, and the gut microbiome. Science Translational Medicine, 2020, 12, .	12.4	122
3	TFEB inhibits endothelial cell inflammation and reduces atherosclerosis. Science Signaling, 2017, 10, .	3.6	105
4	Single-cell RNA sequencing reveals the cellular heterogeneity of aneurysmal infrarenal abdominal aorta. Cardiovascular Research, 2021, 117, 1402-1416.	3.8	95
5	Endothelial TFEB (Transcription Factor EB) Positively Regulates Postischemic Angiogenesis. Circulation Research, 2018, 122, 945-957.	4.5	81
6	Hepatic Transmembrane 6 Superfamily Member 2 Regulates Cholesterol Metabolism in Mice. Gastroenterology, 2016, 150, 1208-1218.	1.3	78
7	KrÃ¼ppel-like factors and vascular wall homeostasis. Journal of Molecular Cell Biology, 2017, 9, 352-363.	3.3	76
8	Vascular Smooth Muscle Cells in Aortic Aneurysm: From Genetics to Mechanisms. Journal of the American Heart Association, 2021, 10, e023601.	3.7	60
9	Cyclodextrin Prevents Abdominal Aortic Aneurysm via Activation of Vascular Smooth Muscle Cell Transcription Factor EB. Circulation, 2020, 142, 483-498.	1.6	56
10	Nitro-fatty acids protect against steatosis and fibrosis during development of nonalcoholic fatty liver disease in mice. EBioMedicine, 2019, 41, 62-72.	6.1	46
11	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
12	Cystathionine beta synthase-hydrogen sulfide system in paraventricular nucleus reduced high fatty diet induced obesity and insulin resistance by brain-adipose axis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3281-3291.	3.8	29
13	KrÃ¼ppel-like factor 14, a coronary artery disease associated transcription factor, inhibits endothelial inflammation via NF-Î°B signaling pathway. Atherosclerosis, 2018, 278, 39-48.	0.8	27
14	Endothelial TFEB (Transcription Factor EB) Improves Glucose Tolerance via Upregulation of IRS (Insulin Receptor Substrate) 1 and IRS2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 783-795.	2.4	26
15	New Insight Into Metformin-Induced Cholesterol-Lowering Effect Crosstalk Between Glucose and Cholesterol Homeostasis via ChREBP (Carbohydrate-Responsive Element-Binding Protein)-Mediated PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9) Regulation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e208-e223.	2.4	26
16	MEPE loss-of-function variant associates with decreased bone mineral density and increased fracture risk. Nature Communications, 2020, 11, 4093.	12.8	24
17	Single-Cell Transcriptomics Reveals Endothelial Plasticity During Diabetic Atherogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 689469.	3.7	24
18	Transcription factor EB regulates cardiovascular homeostasis. EBioMedicine, 2021, 63, 103207.	6.1	23

#	Article	IF	Citations
19	Dysregulated oxalate metabolism is a driver and therapeutic target in atherosclerosis. Cell Reports, 2021, 36, 109420.	6.4	18
20	KLF11 protects against abdominal aortic aneurysm through inhibition of endothelial cell dysfunction. JCI Insight, 2021, 6, .	5.0	17
21	Regulatory variants in TCF7L2 are associated with thoracic aortic aneurysm. American Journal of Human Genetics, 2021, 108, 1578-1589.	6.2	17
22	Novel gene regulatory networks identified in response to nitro-conjugated linoleic acid in human endothelial cells. Physiological Genomics, 2019, 51, 224-233.	2.3	15
23	KLF11 (KrÃ¼ppel-Like Factor 11) Inhibits Arterial Thrombosis via Suppression of Tissue Factor in the Vascular Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 402-412.	2.4	15
24	KrÃ¼ppel-like factor 14 deletion in myeloid cells accelerates atherosclerotic lesion development. Cardiovascular Research, 2022, 118, 475-488.	3.8	15
25	Laminar Flow Attenuates Macrophage Migration Inhibitory Factor Expression in Endothelial Cells. Scientific Reports, 2018, 8, 2360.	3.3	11
26	Type 2 diabetes sex-specific effects associated with E167K coding variant in TM6SF2. IScience, 2021, 24, 103196.	4.1	10
27	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
28	Recent advances in understanding the roles of T cells in pressure overload-induced cardiac hypertrophy and remodeling. Journal of Molecular and Cellular Cardiology, 2019, 129, 293-302.	1.9	8
29	RNA sequencing reveals perivascular adipose tissue plasticity in response to angiotensin II. Pharmacological Research, 2022, 178, 106183.	7.1	7
30	KLF11 Protects against Venous Thrombosis via Suppressing Tissue Factor Expression. Thrombosis and Haemostasis, 2021, , .	3.4	4
31	Liverâ€humanized mice: A translational strategy to study metabolic disorders. Journal of Cellular Physiology, 2021, , .	4.1	4
32	Integration of Transformative Platforms for the Discovery of Causative Genes in Cardiovascular Diseases. Cardiovascular Drugs and Therapy, 2021, 35, 637-654.	2.6	2
33	Abstract 707: Vascular Smooth Muscle Cell Tfeb Deletion Promotes Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	2.4	0