

Liang Guo

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

3,623
citations

168829

31
h-index

156644

58
g-index

72
all docs

72
docs citations

72
times ranked

6549
citing authors

#	ARTICLE	IF	CITATIONS
1	ACE2 (Angiotensin-Converting Enzyme 2) and TMPRSS2 (Transmembrane Serine Protease 2) Expression and Localization of SARS-CoV-2 Infection in the Human Heart. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 542-544.	1.1	27
2	Comparison of Endothelial Barrier Functional Recovery After Implantation of a Novel Biodegradable-Polymer Sirolimus-Eluting Stent in Comparison to Durable- and Biodegradable-Polymer Everolimus-Eluting Stents. <i>Cardiovascular Revascularization Medicine</i> , 2021, 24, 1-10.	0.3	8
3	Thromboresistance and endothelial healing in polymer-coated versus polymer-free drug-eluting stents: Implications for short-term dual anti-platelet therapy. <i>International Journal of Cardiology</i> , 2021, 327, 52-57.	0.8	11
4	<i>RIPK1</i> Expression Associates With Inflammation in Early Atherosclerosis in Humans and Can Be Therapeutically Silenced to Reduce NF- κ B Activation and Atherogenesis in Mice. <i>Circulation</i> , 2021, 143, 163-177.	1.6	102
5	Risk prediction of in-stent restenosis among patients with coronary drug-eluting stents: current clinical approaches and challenges. <i>Expert Review of Cardiovascular Therapy</i> , 2021, 19, 801-816.	0.6	8
6	Histopathologic analysis of extracted thrombi from deep venous thrombosis and pulmonary embolism: Mechanisms and timing. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 1422-1429.	0.7	14
7	Comprehensive Assessment of Human Accessory Renal Artery Periaarterial Renal Sympathetic Nerve Distribution. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 304-315.	1.1	13
8	Single-cell analysis shows that adipose tissue of persons with both HIV and diabetes is enriched for clonal, cytotoxic, and CMV-specific CD4+ T _H 1 cells. <i>Cell Reports Medicine</i> , 2021, 2, 100205.	3.3	16
9	Multiple cell types contribute to the atherosclerotic lesion fibrous cap by PDGFR β and bioenergetic mechanisms. <i>Nature Metabolism</i> , 2021, 3, 166-181.	5.1	87
10	Microthrombi as a Major Cause of Cardiac Injury in COVID-19. <i>Circulation</i> , 2021, 143, 1031-1042.	1.6	196
11	Eruptive Calcified Nodules as a Potential Mechanism of Acute Coronary Thrombosis and Sudden Death. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1599-1611.	1.2	64
12	Anticytomegalovirus CD4 + T Cells Are Associated With Subclinical Atherosclerosis in Persons With HIV. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1459-1473.	1.1	7
13	Endothelial Recovery in Bare Metal Stents and Drug-Eluting Stents on a Single-Cell Level. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2277-2292.	1.1	7
14	Pathological Evidence for SARS-CoV-2 as a Cause of Myocarditis. <i>Journal of the American College of Cardiology</i> , 2021, 77, 314-325.	1.2	177
15	Drug-eluting coronary stents: insights from preclinical and pathology studies. <i>Nature Reviews Cardiology</i> , 2020, 17, 37-51.	6.1	150
16	Diversity of macrophage phenotypes and responses in atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1919-1932.	2.4	118
17	Imaging Human Platelet Adhesion and Albumin Retention to Coronary Stents in Real Time. <i>Cardiovascular Revascularization Medicine</i> , 2020, 21, 245-248.	0.3	0
18	Genetic Regulation of Atherosclerosis-Relevant Phenotypes in Human Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2020, 127, 1552-1565.	2.0	60

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19	Assessment of a pro-healing stent in an animal model of early neoatherosclerosis. <i>Scientific Reports</i> , 2020, 10, 8227.	1.6	4
20	Localized Antileptin Therapy Prevents Aortic Root Dilatation and Preserves Left Ventricular Systolic Function in a Murine Model of Marfan Syndrome. <i>Journal of the American Heart Association</i> , 2020, 9, e014761.	1.6	6
21	Advances in mammalian target of rapamycin kinase inhibitors: application to devices used in the treatment of coronary artery disease. <i>Future Medicinal Chemistry</i> , 2020, 12, 1181-1195.	1.1	2
22	Myristoylation of LMCD1 Leads to Its Species-Specific Derepression of E2F1 and NFATc1 in the Modulation of CDC6 and IL-33 Expression During Development of Vascular Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1256-1274.	1.1	14
23	Histopathologic and physiologic effect of bifurcation stenting: current status and future prospects. <i>Expert Review of Medical Devices</i> , 2020, 17, 189-200.	1.4	5
24	Making Novel Genetic Associations With Carotid Intima-Media Thickness Using the UK Biobank. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 297-300.	1.1	1
25	TREML4 Promotes Inflammatory Programs in Human and Murine Macrophages and Alters Atherosclerosis Lesion Composition in the Apolipoprotein E Deficient Mouse. <i>Frontiers in Immunology</i> , 2020, 11, 397.	2.2	16
26	Knockout of the Murine Ortholog to the Human 9p21 Coronary Artery Disease Locus Leads to Smooth Muscle Cell Proliferation, Vascular Calcification, and Advanced Atherosclerosis. <i>Circulation</i> , 2020, 141, 1274-1276.	1.6	12
27	RAGE impairs murine diabetic atherosclerosis regression and implicates IRF7 in macrophage inflammation and cholesterol metabolism. <i>JCI Insight</i> , 2020, 5, .	2.3	38
28	Detection of cholesterol crystals by optical coherence tomography. <i>EuroIntervention</i> , 2020, 16, 395-403.	1.4	16
29	New insights into the role of iron in inflammation and atherosclerosis. <i>EBioMedicine</i> , 2019, 47, 598-606.	2.7	96
30	Evaluation and Management of the Vulnerable Plaque. <i>Current Cardiovascular Risk Reports</i> , 2019, 13, 1.	0.8	3
31	Ironing-Out the Role of Hepcidin in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 303-305.	1.1	6
32	Smooth muscle cell-specific fibronectin-EDA mediates phenotypic switching and neointimal hyperplasia. <i>Journal of Clinical Investigation</i> , 2019, 130, 295-314.	3.9	45
33	Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. <i>Circulation Research</i> , 2018, 122, 568-582.	2.0	35
34	Ossabaw Pigs With a PCSK9 Gain-of-Function Mutation Develop Accelerated Coronary Atherosclerotic Lesions: A Novel Model for Preclinical Studies. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	21
35	Is there an effect of antithrombotics on carotid intraplaque haemorrhage?. <i>European Heart Journal</i> , 2018, 39, 3377-3380.	1.0	2
36	Coronary pathology of inherited generalized arterial calcification of infancy: a case report. <i>Cardiovascular Pathology</i> , 2018, 36, 15-19.	0.7	3

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37	Direct Targeting of the mTOR (Mammalian Target of Rapamycin) Kinase Improves Endothelial Permeability in Drug-Eluting Stents” Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2217-2224.	1.1	30
38	CD163+ macrophages promote angiogenesis and vascular permeability accompanied by inflammation in atherosclerosis. <i>Journal of Clinical Investigation</i> , 2018, 128, 1106-1124.	3.9	209
39	Linking Hemorrhage, Angiogenesis, Macrophages, and Iron Metabolism in Atherosclerotic Vascular Diseases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, e33-e39.	1.1	38
40	Inhibition of Smooth Muscle β -Catenin Hinders Neointima Formation After Vascular Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 879-888.	1.1	17
41	Endothelial Barrier Protein Expression in Biodegradable Polymer Sirolimus-Eluting Versus Durable Polymer Everolimus-Eluting Metallic Stents. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2375-2387.	1.1	27
42	Community-based statins and advanced carotid plaque: Role of CD163 positive macrophages in lipoprotein-associated phospholipase A2 activity in atherosclerotic plaque. <i>Atherosclerosis</i> , 2017, 267, 78-89.	0.4	12
43	Heart-resident macrophages: are they involved in the rhythm of every beat?. <i>Journal of Thoracic Disease</i> , 2017, 9, 2264-2267.	0.6	11
44	TCT-465 Everolimus eluting stents increase endothelial permeability and prevent maturation “ Uncovering the mechanism of Neoatherosclerosis. <i>Journal of the American College of Cardiology</i> , 2016, 68, B187.	1.2	0
45	Control of mitochondrial function and cell growth by the atypical cadherin Fat1. <i>Nature</i> , 2016, 539, 575-578.	13.7	52
46	Targeting macrophage necroptosis for therapeutic and diagnostic interventions in atherosclerosis. <i>Science Advances</i> , 2016, 2, e1600224.	4.7	214
47	<i>CDKN2B</i> Regulates <i>TGFβ</i> Signaling and Smooth Muscle Cell Investment of Hypoxic Neovessels. <i>Circulation Research</i> , 2016, 118, 230-240.	2.0	52
48	Hepcidin-ferroportin axis controls toll-like receptor 4 dependent macrophage inflammatory responses in human atherosclerotic plaques. <i>Atherosclerosis</i> , 2015, 241, 692-700.	0.4	29
49	A Regulator of Secretory Vesicle Size, Kelch-Like Protein 12, Facilitates the Secretion of Apolipoprotein B100 and Very-Low-Density Lipoproteins” Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 251-254.	1.1	19
50	Long-term therapeutic silencing of miR-33 increases circulating triglyceride levels and hepatic lipid accumulation in mice. <i>EMBO Molecular Medicine</i> , 2014, 6, 1133-1141.	3.3	127
51	Docosahexaenoic acid impairs the maturation of very low density lipoproteins in rat hepatic cells. <i>Journal of Lipid Research</i> , 2014, 55, 75-84.	2.0	12
52	Zinc and autophagy. <i>BioMetals</i> , 2014, 27, 1087-1096.	1.8	65
53	Rapid regression of atherosclerosis with MTP inhibitor treatment. <i>Atherosclerosis</i> , 2013, 227, 125-129.	0.4	48
54	Endothelial Expression of Guidance Cues in Vessel Wall Homeostasis Dysregulation Under Proatherosclerotic Conditions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 911-919.	1.1	89

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55	Hypoxia Induces Netrin-1 and Unc5b in Atherosclerotic Plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1180-1188.	1.1	88
56	Insulin-Stimulated Degradation of Apolipoprotein B100: Roles of Class II Phosphatidylinositol-3-Kinase and Autophagy. <i>PLoS ONE</i> , 2013, 8, e57590.	1.1	27
57	Protein disulfide isomerases contribute differentially to the endoplasmic reticulum-associated degradation of apolipoprotein B and other substrates. <i>Molecular Biology of the Cell</i> , 2012, 23, 520-532.	0.9	59
58	826 Mutated Gpd1, Encoding Glycerol-3-Phosphate Dehydrogenase 1, Causes Transient Infantile Hypertriglyceridemia With Fatty Liver and Hepatic Fibrosis. <i>Gastroenterology</i> , 2012, 142, S-143.	0.6	0
59	Transient Infantile Hypertriglyceridemia, Fatty Liver, and Hepatic Fibrosis Caused by Mutated GPD1, Encoding Glycerol-3-Phosphate Dehydrogenase 1. <i>American Journal of Human Genetics</i> , 2012, 90, 49-60.	2.6	74
60	Hepatic sortilin regulates both apolipoprotein B secretion and LDL catabolism. <i>Journal of Clinical Investigation</i> , 2012, 122, 2807-2816.	3.9	190
61	Rat Carboxylesterase ES-4 Enzyme Functions as a Major Hepatic Neutral Cholesteryl Ester Hydrolase*. <i>Journal of Biological Chemistry</i> , 2011, 286, 39683-39692.	1.6	4
62	MTF-1-Mediated Repression of the Zinc Transporter Zip10 Is Alleviated by Zinc Restriction. <i>PLoS ONE</i> , 2011, 6, e21526.	1.1	92
63	STAT5-glucocorticoid receptor interaction and MTF-1 regulate the expression of ZnT2 (Slc30a2) in pancreatic acinar cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2818-2823.	3.3	101
64	Krüppel-like factor 4 regulates adaptive expression of the zinc transporter Zip4 in mouse small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G517-G523.	1.6	59
65	An intron-free methyl jasmonate inducible geranylgeranyl diphosphate synthase gene from <i>Taxus media</i> and its functional identification in yeast. <i>Molecular Biology</i> , 2005, 39, 11-17.	0.4	15
66	Oligomeric Bax Is a Component of the Putative Cytochrome c Release Channel MAC, Mitochondrial Apoptosis-induced Channel. <i>Molecular Biology of the Cell</i> , 2005, 16, 2424-2432.	0.9	213
67	Molecular cloning and characterization of a 1-deoxy-d-xylulose 5-phosphate reductoisomerase gene from <i>Ginkgo biloba</i> . <i>DNA Sequence</i> , 2005, 16, 111-120.	0.7	30
68	Effects of cytochrome c on the mitochondrial apoptosis-induced channel MAC. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 286, C1109-C1117.	2.1	69
69	A New Geranylgeranyl Diphosphate Synthase Gene from <i>Ginkgo biloba</i> , which Intermediates the Biosynthesis of the Key Precursor for Ginkgolides. <i>DNA Sequence</i> , 2004, 15, 153-158.	0.7	28
70	Rapid Isolation of High-Quality Total RNA from <i>Taxus</i> and <i>Ginkgo</i> . <i>Preparative Biochemistry and Biotechnology</i> , 2004, 34, 209-214.	1.0	133