

# Qiulun Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,298  
citations

471509

17  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2056  
citing authors

#	ARTICLE	IF	CITATIONS
1	Binding of FUN14 Domain Containing 1 With Inositol 1,4,5-Trisphosphate Receptor in Mitochondria-Associated Endoplasmic Reticulum Membranes Maintains Mitochondrial Dynamics and Function in Hearts in Vivo. <i>Circulation</i> , 2017, 136, 2248-2266.	1.6	193
2	Hyperglycemia-Driven Inhibition of AMP-Activated Protein Kinase $\hat{1}\pm 2$ Induces Diabetic Cardiomyopathy by Promoting Mitochondria-Associated Endoplasmic Reticulum Membranes In Vivo. <i>Circulation</i> , 2019, 139, 1913-1936.	1.6	166
3	A non-canonical pathway regulates ER stress signaling and blocks ER stress-induced apoptosis and heart failure. <i>Nature Communications</i> , 2017, 8, 133.	12.8	160
4	Circulating miR-103a-3p contributes to angiotensin II-induced renal inflammation and fibrosis via a SNRK/NF- $\hat{1}\text{B}$ /p65 regulatory axis. <i>Nature Communications</i> , 2019, 10, 2145.	12.8	106
5	$\hat{1}\text{2}$ -Hydroxybutyrate Prevents Vascular Senescence through hnRNP A1-Mediated Upregulation of Oct4. <i>Molecular Cell</i> , 2018, 71, 1064-1078.e5.	9.7	89
6	Ablation of Adenosine Monophosphate-Activated Protein Kinase $\hat{1}\pm 1$ in Vascular Smooth Muscle Cells Promotes Diet-Induced Atherosclerotic Calcification In Vivo. <i>Circulation Research</i> , 2016, 119, 422-433.	4.5	83
7	Angiogenic Factor AGGF1 Activates Autophagy with an Essential Role in Therapeutic Angiogenesis for Heart Disease. <i>PLoS Biology</i> , 2016, 14, e1002529.	5.6	75
8	AMP-Activated Protein Kinase Alpha 2 Deletion Induces VSMC Phenotypic Switching and Reduces Features of Atherosclerotic Plaque Stability. <i>Circulation Research</i> , 2016, 119, 718-730.	4.5	67
9	Molecular Basis of Gene-Gene Interaction: Cyclic Cross-Regulation of Gene Expression and Post-GWAS Gene-Gene Interaction Involved in Atrial Fibrillation. <i>PLoS Genetics</i> , 2015, 11, e1005393.	3.5	47
10	SNO-MLP (S-Nitrosylation of Muscle LIM Protein) Facilitates Myocardial Hypertrophy Through TLR3 (Toll-Like Receptor 3)-Mediated RIP3 (Receptor-Interacting Protein Kinase 3) and NLRP3 (NOD-Like) Tj ETQq0 0 QigBT /Overlock 10 T		
11	Angiogenic Factor AGGF1 Promotes Therapeutic Angiogenesis in a Mouse Limb Ischemia Model. <i>PLoS ONE</i> , 2012, 7, e46998.	2.5	43
12	SNRK (Sucrose Nonfermenting 1-Related Kinase) Promotes Angiogenesis In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 373-385.	2.4	31
13	Peroxynitrite-Mediated SIRT (Sirtuin)-1 Inactivation Contributes to Nicotine-Induced Arterial Stiffness in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1419-1431.	2.4	25
14	Endothelial Nitric Oxide Synthase-Derived Nitric Oxide Prevents Dihydrofolate Reductase Degradation via Promoting S-Nitrosylation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2366-2373.	2.4	22
15	Autophagic degradation of KAT2A/GCN5 promotes directional migration of vascular smooth muscle cells by reducing TUBA/ $\hat{1}\pm$ -tubulin acetylation. <i>Autophagy</i> , 2020, 16, 1753-1770.	9.1	21
16	Melatonin Alleviates Cardiac Function in Sepsis-Caused Myocarditis via Maintenance of Mitochondrial Function. <i>Frontiers in Nutrition</i> , 2021, 8, 754235.	3.7	19
17	Type I Diabetic Akita Mouse Model is Characterized by Abnormal Cardiac Deformation During Early Stages of Diabetic Cardiomyopathy with Speckle-Tracking Based Strain Imaging. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 1541-1550.	1.6	18
18	Dioscin elevates lncRNA MANTIS in therapeutic angiogenesis for heart diseases. <i>Aging Cell</i> , 2021, 20, e13392.	6.7	18

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19	Heterotrimeric G Stimulatory Protein $\beta$ Subunit Is Required for Intestinal Smooth Muscle Contraction in Mice. <i>Gastroenterology</i> , 2017, 152, 1114-1125.e5.	1.3	12
20	Renal Resistive Index as a Novel Indicator for Renal Complications in High-Fat Diet-Fed Mice. <i>Kidney and Blood Pressure Research</i> , 2017, 42, 1128-1140.	2.0	12
21	The $3'$ Untranslated Region Protects the Heart from Angiotensin II-Induced Cardiac Dysfunction via AGGF1 Expression. <i>Molecular Therapy</i> , 2020, 28, 1119-1132.	8.2	10
22	Melatonin Alleviates Renal Injury in Mouse Model of Sepsis. <i>Frontiers in Pharmacology</i> , 2021, 12, 697643.	3.5	7
23	AMPK $\beta$ 1 deletion in fibroblasts promotes tumorigenesis in athymic nude mice by p52-mediated elevation of erythropoietin and CDK2. <i>Oncotarget</i> , 2016, 7, 53654-53667.	1.8	6
24	Dioscin Attenuates Myocardial Ischemic/Reperfusion-Induced Cardiac Dysfunction through Suppression of Reactive Oxygen Species. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-8.	4.0	5
25	Dioscin Alleviates Cardiac Dysfunction in Acute Myocardial Infarction via Rescuing Mitochondrial Malfunction. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 783426.	2.4	4
26	Pulsatility Index as a Novel Parameter for Perfusion in Mouse Model of Hindlimb Ischemia. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2114-2122.	1.6	3
27	The Anti-apoptotic Role of $3'$ -Untranslational Region in Response to Angiotensin II via Mcl1 Expression. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 593955.	3.7	2
28	Diosmin Alleviates Venous Injury and Muscle Damage in a Mouse Model of Iliac Vein Stenosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 785554.	2.4	2