

# Xinghui Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,038  
citations

430754

18  
h-index

477173

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3353  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-181b regulates NF- $\kappa$ B-mediated vascular inflammation. <i>Journal of Clinical Investigation</i> , 2012, 122, 1973-90.	3.9	398
2	Systemic Delivery of MicroRNA-181b Inhibits Nuclear Factor- $\kappa$ B Activation, Vascular Inflammation, and Atherosclerosis in Apolipoprotein E-deficient Mice. <i>Circulation Research</i> , 2014, 114, 32-40.	2.0	263
3	Role of miR-181 family in regulating vascular inflammation and immunity. <i>Trends in Cardiovascular Medicine</i> , 2014, 24, 105-112.	2.3	151
4	Emerging Roles for MicroRNAs in Diabetic Microvascular Disease: Novel Targets for Therapy. <i>Endocrine Reviews</i> , 2017, 38, 145-168.	8.9	141
5	miRNAs in atherosclerotic plaque initiation, progression, and rupture. <i>Trends in Molecular Medicine</i> , 2015, 21, 307-318.	3.5	134
6	Endothelial MicroRNAs and Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2013, 15, 372.	2.0	117
7	MicroRNA-181b Improves Glucose Homeostasis and Insulin Sensitivity by Regulating Endothelial Function in White Adipose Tissue. <i>Circulation Research</i> , 2016, 118, 810-821.	2.0	108
8	Regulation of impaired angiogenesis in diabetic dermal wound healing by microRNA-26a. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 91, 151-159.	0.9	93
9	Long noncoding RNA <i>SNHG12</i> integrates a DNA-PK-mediated DNA damage response and vascular senescence. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	91
10	Kruppel-like Factor KLF10 Targets Transforming Growth Factor- $\beta$ 1 to Regulate CD4+CD25 <sup>+</sup> T Cells and T Regulatory Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 24914-24924.	1.6	90
11	The role of interactions of long non-coding RNAs and heterogeneous nuclear ribonucleoproteins in regulating cellular functions. <i>Biochemical Journal</i> , 2017, 474, 2925-2935.	1.7	84
12	LncRNA Meg3 protects endothelial function by regulating the DNA damage response. <i>Nucleic Acids Research</i> , 2019, 47, 1505-1522.	6.5	64
13	Long non-coding RNA-mediated regulation of glucose homeostasis and diabetes. <i>American Journal of Cardiovascular Disease</i> , 2016, 6, 17-25.	0.5	50
14	MicroRNA-181b inhibits thrombin-mediated endothelial activation and arterial thrombosis by targeting caspase recruitment domain family member 10. <i>FASEB Journal</i> , 2016, 30, 3216-3226.	0.2	38
15	Therapeutic potential of garlic chive-derived vesicle-like nanoparticles in NLRP3 inflammasome-mediated inflammatory diseases. <i>Theranostics</i> , 2021, 11, 9311-9330.	4.6	38
16	Vascular Endothelial Senescence: Pathobiological Insights, Emerging Long Noncoding RNA Targets, Challenges and Therapeutic Opportunities. <i>Frontiers in Physiology</i> , 2021, 12, 693067.	1.3	29
17	New aspects of hepatic endothelial cells in physiology and nonalcoholic fatty liver disease. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C1200-C1213.	2.1	27
18	Long non-coding RNA Meg3 deficiency impairs glucose homeostasis and insulin signaling by inducing cellular senescence of hepatic endothelium in obesity. <i>Redox Biology</i> , 2021, 40, 101863.	3.9	27

#	ARTICLE	IF	CITATIONS
19	Regulation of Endothelial Cell Metabolism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 13-15.	1.1	20
20	MicroRNA-Management of Lipoprotein Homeostasis. <i>Circulation Research</i> , 2014, 115, 2-6.	2.0	16
21	Sestrin2 Phosphorylation by ULK1 Induces Autophagic Degradation of Mitochondria Damaged by Copper-Induced Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6130.	1.8	12
22	Stabilin receptors clear LPS and control systemic inflammation. <i>IScience</i> , 2021, 24, 103337.	1.9	10
23	Methotrexate attenuates vascular inflammation through an adenosine-microRNA-dependent pathway. <i>ELife</i> , 2021, 10, .	2.8	9
24	NF- $\kappa$ B and Hypoxia. <i>American Journal of Pathology</i> , 2012, 181, 1513-1517.	1.9	8
25	Transcriptome analysis-identified long noncoding RNA CRNDE in maintaining endothelial cell proliferation, migration, and tube formation. <i>Scientific Reports</i> , 2019, 9, 19548.	1.6	6
26	Reduction of Stabilin-2 Contributes to a Protection Against Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 818662.	1.1	6
27	Endothelial cell-specific deletion of a microRNA accelerates atherosclerosis. <i>Atherosclerosis</i> , 2022, 350, 9-18.	0.4	4
28	An evidence for surface expression of an immunogenic epitope of sarcoplasmic/endoplasmic reticulum calcium-ATPase2a on antigen-presenting cells from naive mice in the mediation of autoimmune myocarditis. <i>Immunobiology</i> , 2020, 225, 151896.	0.8	3
29	Novel Lesional Transcriptional Signature Separates Atherosclerosis With and Without Diabetes in Yorkshire Swine and Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1487-1503.	1.1	1
30	Kruppel-Like Factor 10 (KLF10)-Deficient Mice Have Marked Defects In EPC Differentiation, Function, and Angiogenesis. <i>Blood</i> , 2010, 116, 4314-4314.	0.6	0