

# Yanhong Guo

## List of Publications by Year in descending order

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53  
papers

3,109  
citations

236925

25  
h-index

182427

51  
g-index

54  
all docs

54  
docs citations

54  
times ranked

5691  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Analysis of Human MicroRNA and Disease Associations. PLoS ONE, 2008, 3, e3420.	2.5	838
2	Systematic evaluation of coding variation identifies a candidate causal variant in TM6SF2 influencing total cholesterol and myocardial infarction risk. Nature Genetics, 2014, 46, 345-351.	21.4	268
3	Mitofusin 2 Triggers Vascular Smooth Muscle Cell Apoptosis via Mitochondrial Death Pathway. Circulation Research, 2007, 101, 1113-1122.	4.5	167
4	MicroRNA-1 Regulates Smooth Muscle Cell Differentiation by Repressing Kruppel-Like Factor 4. Stem Cells and Development, 2011, 20, 205-210.	2.1	145
5	Glycine-based treatment ameliorates NAFLD by modulating fatty acid oxidation, glutathione synthesis, and the gut microbiome. Science Translational Medicine, 2020, 12, .	12.4	122
6	Yap1 Protein Regulates Vascular Smooth Muscle Cell Phenotypic Switch by Interaction with Myocardin. Journal of Biological Chemistry, 2012, 287, 14598-14605.	3.4	100
7	Single-cell RNA sequencing reveals the cellular heterogeneity of aneurysmal infrarenal abdominal aorta. Cardiovascular Research, 2021, 117, 1402-1416.	3.8	95
8	The effect of phospholipid composition of reconstituted HDL on its cholesterol efflux and anti-inflammatory properties. Journal of Lipid Research, 2015, 56, 1727-1737.	4.2	93
9	Endothelial TFEB (Transcription Factor EB) Positively Regulates Postischemic Angiogenesis. Circulation Research, 2018, 122, 945-957.	4.5	81
10	Hepatic Transmembrane 6 Superfamily Member 2 Regulates Cholesterol Metabolism in Mice. Gastroenterology, 2016, 150, 1208-1218.	1.3	78
11	Bmal1 in Perivascular Adipose Tissue Regulates Resting-Phase Blood Pressure Through Transcriptional Regulation of Angiotensinogen. Circulation, 2018, 138, 67-79.	1.6	77
12	Synthetic High-Density Lipoprotein-Mediated Targeted Delivery of Liver X Receptors Agonist Promotes Atherosclerosis Regression. EBioMedicine, 2018, 28, 225-233.	6.1	74
13	Perhexiline activates KLF14 and reduces atherosclerosis by modulating ApoA-I production. Journal of Clinical Investigation, 2015, 125, 3819-3830.	8.2	72
14	Brown Adipocyte-Specific PPAR $\hat{1}$ <sup>3</sup> (Peroxisome Proliferator-Activated Receptor $\hat{1}$ <sup>3</sup> ) Deletion Impairs Perivascular Adipose Tissue Development and Enhances Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1738-1747.	2.4	66
15	Cyclodextrin Prevents Abdominal Aortic Aneurysm via Activation of Vascular Smooth Muscle Cell Transcription Factor EB. Circulation, 2020, 142, 483-498.	1.6	56
16	Altered expression of microRNAs in the myocardium of rats with acute myocardial infarction. BMC Cardiovascular Disorders, 2010, 10, 11.	1.7	51
17	Mitofusin 2 Inhibits Angiotensin II-Induced Myocardial Hypertrophy. Journal of Cardiovascular Pharmacology and Therapeutics, 2011, 16, 205-211.	2.0	51
18	Deficiency of Cholesteryl Ester Transfer Protein Protects Against Atherosclerosis in Rabbits. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1068-1075.	2.4	47

#	ARTICLE	IF	CITATIONS
19	Nitro-fatty acids protect against steatosis and fibrosis during development of nonalcoholic fatty liver disease in mice. <i>EBioMedicine</i> , 2019, 41, 62-72.	6.1	46
20	Job Stress and Coronary Heart Disease: A Caseâ€control Study using a Chinese Population. <i>Journal of Occupational Health</i> , 2009, 51, 107-113.	2.1	44
21	Adenovirus-expressed human hyperplasia suppressor gene induces apoptosis in cancer cells. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 222-232.	4.1	35
22	Growth differentiation factor 15 in different stages of heart failure: potential screening implications. <i>Biomarkers</i> , 2010, 15, 671-676.	1.9	35
23	KrÃ¼ppel-Like Factor-11, a Transcription Factor Involved in Diabetes Mellitus, Suppresses Endothelial Cell Activation via the Nuclear Factor-Î²B Signaling Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2981-2988.	2.4	35
24	Zc3h12c inhibits vascular inflammation by repressing NF-Î²B activation and pro-inflammatory gene expression in endothelial cells. <i>Biochemical Journal</i> , 2013, 451, 55-60.	3.7	32
25	BAF60a Deficiency in Vascular Smooth Muscle Cells Prevents Abdominal Aortic Aneurysm by Reducing Inflammation and Extracellular Matrix Degradation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2494-2507.	2.4	31
26	KrÃ¼ppel-like factor 14, a coronary artery disease associated transcription factor, inhibits endothelial inflammation via NF-Î²B signaling pathway. <i>Atherosclerosis</i> , 2018, 278, 39-48.	0.8	27
27	Therapeutic Lifestyle Changes Improve HDL Function by Inhibiting Myeloperoxidase-Mediated Oxidation in Patients With Metabolic Syndrome. <i>Diabetes Care</i> , 2018, 41, 2431-2437.	8.6	26
28	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. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, e208-e223.	2.4	26
29	Synthetic high-density lipoproteins delivering liver X receptor agonist prevent atherogenesis by enhancing reverse cholesterol transport. <i>Journal of Controlled Release</i> , 2021, 329, 361-371.	9.9	25
30	Cardiomyocyte Overexpression of FABP4 Aggravates Pressure Overload-Induced Heart Hypertrophy. <i>PLoS ONE</i> , 2016, 11, e0157372.	2.5	23
31	The association between effortâ€reward imbalance and coronary atherosclerosis in a Chinese sample. <i>American Journal of Industrial Medicine</i> , 2010, 53, 655-661.	2.1	22
32	Nitroalkenes induce rat aortic smooth muscle cell apoptosis via activation of caspase-dependent pathways. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 239-244.	2.1	20
33	Myeloperoxidase mediated HDL oxidation and HDL proteome changes do not contribute to dysfunctional HDL in Chinese subjects with coronary artery disease. <i>PLoS ONE</i> , 2018, 13, e0193782.	2.5	20
34	Effect of Ambient Fine Particulate Matter Air Pollution and Colder Outdoor Temperatures on High-Density Lipoprotein Function. <i>American Journal of Cardiology</i> , 2018, 122, 565-570.	1.6	18
35	Human apolipoprotein A-II reduces atherosclerosis in knock-in rabbits. <i>Atherosclerosis</i> , 2021, 316, 32-40.	0.8	18
36	Inhibition of Gluconeogenic Genes by Calcium-regulated Heat-stable Protein 1 via Repression of Peroxisome Proliferator-activated Receptor Î±. <i>Journal of Biological Chemistry</i> , 2011, 286, 40584-40594.	3.4	17

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37	KLF11 protects against abdominal aortic aneurysm through inhibition of endothelial cell dysfunction. <i>JCI Insight</i> , 2021, 6, .	5.0	17
38	Association Study of the $\beta$ 2-Adrenergic Receptor Gene Polymorphisms and Hypertension in the Northern Han Chinese. <i>PLoS ONE</i> , 2011, 6, e18590.	2.5	16
39	Phospholipid nanoparticles: Therapeutic potentials against atherosclerosis via reducing cholesterol crystals and inhibiting inflammation. <i>EBioMedicine</i> , 2021, 74, 103725.	6.1	16
40	Krüppel-like factor 14 deletion in myeloid cells accelerates atherosclerotic lesion development. <i>Cardiovascular Research</i> , 2022, 118, 475-488.	3.8	15
41	Laminar Flow Attenuates Macrophage Migration Inhibitory Factor Expression in Endothelial Cells. <i>Scientific Reports</i> , 2018, 8, 2360.	3.3	11
42	Synergetic Effect of rHDL and LXR Agonist on Reduction of Atherosclerosis in Mice. <i>Frontiers in Pharmacology</i> , 2020, 11, 513031.	3.5	10
43	Suppression of Vascular Macrophage Activation by Nitro-Oleic Acid and its Implication for Abdominal Aortic Aneurysm Therapy. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 939-951.	2.6	9
44	Peroxisome Proliferator-activated Receptor $\beta$ Coactivator 1 $\beta$ (PGC-1 $\beta$ ) Protein Attenuates Vascular Lesion Formation by Inhibition of Chromatin Loading of Minichromosome Maintenance Complex in Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 4625-4636.	3.4	8
45	RNA sequencing reveals perivascular adipose tissue plasticity in response to angiotensin II. <i>Pharmacological Research</i> , 2022, 178, 106183.	7.1	7
46	Experimental Biology for the Identification of Causal Pathways in Atherosclerosis. <i>Cardiovascular Drugs and Therapy</i> , 2016, 30, 1-11.	2.6	5
47	KLF11 Protects against Venous Thrombosis via Suppressing Tissue Factor Expression. <i>Thrombosis and Haemostasis</i> , 2021, , .	3.4	4
48	Liverâ€‘humanized mice: A translational strategy to study metabolic disorders. <i>Journal of Cellular Physiology</i> , 2021, , .	4.1	4
49	HDL quality features revealed by proteomeâ€‘lipidome connectivity are associated with atherosclerotic disease. <i>Journal of Molecular Cell Biology</i> , 2022, , .	3.3	4
50	A predictive indicator using lender composition for loan evaluation in P2P lending. <i>Financial Innovation</i> , 2021, 7, .	6.4	1
51	Inhibition of a Novel CLK1-THRAP3-PPAR $\beta$ Axis Improves Insulin Sensitivity. <i>Frontiers in Physiology</i> , 2021, 12, 699578.	2.8	1
52	Electrophilic Nitroâ€‘Fatty Acids Exert Cardioprotection against Hypertrophic Remodeling and Fibrosis in Pressure Overloaded Mice. <i>FASEB Journal</i> , 2015, 29, 640.6.	0.5	0
53	HDL Quality Features Revealed by Proteome-Lipidome Connectivity Are Associated with Atherosclerotic Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0