

# Yan Cai

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,317  
citations

218677

26  
h-index

289244

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3768  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial reactive oxygen species promote p65 nuclear translocation mediating high-phosphate-induced vascular calcification in vitro and in vivo. <i>Kidney International</i> , 2011, 79, 1071-1079.	5.2	177
2	Phosphate-induced autophagy counteracts vascular calcification by reducing matrix vesicle release. <i>Kidney International</i> , 2013, 83, 1042-1051.	5.2	177
3	MicroRNA-223 ameliorates alcoholic liver injury by inhibiting the IL-6 <sup>p47</sup> oxidative stress pathway in neutrophils. <i>Gut</i> , 2017, 66, 705-715.	12.1	173
4	Short- or long-term high-fat diet feeding plus acute ethanol binge synergistically induce acute liver injury in mice: An important role for CXCL1. <i>Hepatology</i> , 2015, 62, 1070-1085.	7.3	152
5	Neuroepithelial body microenvironment is a niche for a distinct subset of Clara-like precursors in the developing airways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12592-12597.	7.1	135
6	Fat-Specific Protein 27/CIDEA Promotes Development of Alcoholic Steatohepatitis in Mice and Humans. <i>Gastroenterology</i> , 2015, 149, 1030-1041.e6.	1.3	114
7	Hepatic mitochondrial DNA/Toll-like receptor 9/MicroRNA-223 forms a negative feedback loop to limit neutrophil overactivation and acetaminophen hepatotoxicity in mice. <i>Hepatology</i> , 2017, 66, 220-234.	7.3	106
8	MicroRNA-223 Ameliorates Nonalcoholic Steatohepatitis and Cancer by Targeting Multiple Inflammatory and Oncogenic Genes in Hepatocytes. <i>Hepatology</i> , 2019, 70, 1150-1167.	7.3	104
9	Mammalian target of rapamycin signaling inhibition ameliorates vascular calcification via Klotho upregulation. <i>Kidney International</i> , 2015, 88, 711-721.	5.2	98
10	Neutrophil-Hepatic Stellate Cell Interactions Promote Fibrosis in Experimental Steatohepatitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 399-413.	4.5	95
11	Mitochondrial DNA-enriched microparticles promote acute-on-chronic alcoholic neutrophilia and hepatotoxicity. <i>JCI Insight</i> , 2017, 2, .	5.0	76
12	Inhibition of STAT3 in tubular epithelial cells prevents kidney fibrosis and nephropathy in STZ-induced diabetic mice. <i>Cell Death and Disease</i> , 2019, 10, 848.	6.3	75
13	Inflammation is independent of steatosis in a murine model of steatohepatitis. <i>Hepatology</i> , 2017, 66, 108-123.	7.3	56
14	Activation of Akt/GSK-3 <sup>β</sup> signaling pathway is involved in intermedin-1-53 protection against myocardial apoptosis induced by ischemia/reperfusion. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 1061-1069.	4.9	53
15	Inhibition of endoplasmic reticulum stress by ghrelin protects against ischemia/reperfusion injury in rat heart. <i>Peptides</i> , 2009, 30, 1109-1116.	2.4	53
16	A novel pathway of LPS uptake through syndecan-1 leading to pyroptotic cell death. <i>ELife</i> , 2018, 7, .	6.0	51
17	Intermedin inhibits vascular calcification by increasing the level of matrix <sup>13</sup> C-carboxyglutamic acid protein. <i>Cardiovascular Research</i> , 2010, 85, 864-873.	3.8	50
18	Inhibition of endoplasmic reticulum stress by intermedin-1-53 protects against myocardial injury through a PI3 kinase-Akt signaling pathway. <i>Journal of Molecular Medicine</i> , 2011, 89, 1195-1205.	3.9	49

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19	Increased stability of phosphatase and tensin homolog by intermedin leading to scavenger receptor A inhibition of macrophages reduces atherosclerosis in apolipoprotein E-deficient mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 509-520.	1.9	47
20	Hepatocytes and neutrophils cooperatively suppress bacterial infection by differentially regulating lipocalin-2 and neutrophil extracellular traps. <i>Hepatology</i> , 2018, 68, 1604-1620.	7.3	47
21	Macrophage-derived myeloid differentiation protein 2 plays an essential role in ox-LDL-induced inflammation and atherosclerosis. <i>EBioMedicine</i> , 2020, 53, 102706.	6.1	41
22	The Detrimental Role Played by Lipocalin-2 in Alcoholic Fatty Liver in Mice. <i>American Journal of Pathology</i> , 2016, 186, 2417-2428.	3.8	39
23	Endogenous aldosterone is involved in vascular calcification in rat. <i>Experimental Biology and Medicine</i> , 2012, 237, 31-37.	2.4	36
24	Arachidonic acid inhibits inflammatory responses by binding to myeloid differentiation factor-2 (MD2) and preventing MD2/toll-like receptor 4 signaling activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165683.	3.8	34
25	Intermedin inhibits macrophage foam-cell formation via tristetraprolin-mediated decay of CD36 mRNA. <i>Cardiovascular Research</i> , 2014, 101, 297-305.	3.8	30
26	Adrenomedullin up-regulates osteopontin and attenuates vascular calcification via the cAMP/PKA signaling pathway. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 1359-1366.	6.1	26
27	Insulin resistance induces medial artery calcification in fructose-fed rats. <i>Experimental Biology and Medicine</i> , 2012, 237, 50-57.	2.4	26
28	Intermedin-53 inhibits rat cardiac fibroblast activation induced by angiotensin II. <i>Regulatory Peptides</i> , 2009, 158, 19-25.	1.9	25
29	Preclinical evaluation of human secretoglobin 3A2 in mouse models of lung development and fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L10-L22.	2.9	24
30	Secretoglobin 3A2 Exhibits Anti-Fibrotic Activity in Bleomycin-Induced Pulmonary Fibrosis Model Mice. <i>PLoS ONE</i> , 2015, 10, e0142497.	2.5	20
31	Lanthanum Acetate Inhibits Vascular Calcification Induced by Vitamin D3 Plus Nicotine in Rats. <i>Experimental Biology and Medicine</i> , 2009, 234, 908-917.	2.4	17
32	Noninvasive Intratracheal Intubation to Study the Pathology and Physiology of Mouse Lung. <i>Journal of Visualized Experiments</i> , 2013, , e50601.	0.3	17
33	Transgenically-expressed secretoglobin 3A2 accelerates resolution of bleomycin-induced pulmonary fibrosis in mice. <i>BMC Pulmonary Medicine</i> , 2015, 15, 72.	2.0	16
34	Prediabetes is associated with post-stroke cognitive impairment in ischaemic stroke patients. <i>Brain Research</i> , 2018, 1687, 137-143.	2.2	16
35	Peroxisome Proliferator-Activated Receptor $\gamma$ Ligands Retard Cultured Vascular Smooth Muscle Cells Calcification Induced by High Glucose. <i>Cell Biochemistry and Biophysics</i> , 2013, 66, 421-429.	1.8	15
36	Secretoglobin Superfamily Protein SCGB3A2 Deficiency Potentiates Ovalbumin-Induced Allergic Pulmonary Inflammation. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	3.0	14

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37	C-type natriuretic peptide inhibiting vascular calcification might involve decreasing bone morphogenic protein 2 and osteopontin levels. <i>Molecular and Cellular Biochemistry</i> , 2014, 392, 65-76.	3.1	13
38	Suppression of Gut Bacterial Translocation Ameliorates Vascular Calcification through Inhibiting Toll-Like Receptor 9-Mediated BMP-2 Expression. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	4.0	10
39	Immediate Early Response Gene X-1 (IEX-1) Mediates Ischemic Preconditioning-Induced Cardioprotection in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	4.0	5
40	Inhibition of CDK9 attenuates atherosclerosis by inhibiting inflammation and phenotypic switching of vascular smooth muscle cells. <i>Aging</i> , 2021, 13, 14892-14909.	3.1	5
41	Correction for: Inhibition of CDK9 attenuates atherosclerosis by inhibiting inflammation and phenotypic switching of vascular smooth muscle cells. <i>Aging</i> , 2022, 14, 3329-3330.	3.1	0