

# Sheng Cao

## List of Publications by Year in descending order

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36  
papers

2,011  
citations

304602

22  
h-index

377752

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2873  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alcohol stimulates macrophage activation through caspase-dependent hepatocyte derived release of CD40L containing extracellular vesicles. <i>Journal of Hepatology</i> , 2016, 64, 651-660.	1.8	190
2	Exosome Adherence and Internalization by Hepatic Stellate Cells Triggers Sphingosine 1-Phosphate-dependent Migration. <i>Journal of Biological Chemistry</i> , 2015, 290, 30684-30696.	1.6	179
3	Hepatic stellate cell autophagy inhibits extracellular vesicle release to attenuate liver fibrosis. <i>Journal of Hepatology</i> , 2020, 73, 1144-1154.	1.8	155
4	Chronic passive venous congestion drives hepatic fibrogenesis via sinusoidal thrombosis and mechanical forces. <i>Hepatology</i> , 2015, 61, 648-659.	3.6	145
5	Mechanical Stretch Increases Expression of CXCL1 in Liver Sinusoidal Endothelial Cells to Recruit Neutrophils, Generate Sinusoidal Microthrombi, and Promote Portal Hypertension. <i>Gastroenterology</i> , 2019, 157, 193-209.e9.	0.6	134
6	Neuropilin-1 promotes cirrhosis of the rodent and human liver by enhancing PDGF/TGF- $\beta$ 2 signaling in hepatic stellate cells. <i>Journal of Clinical Investigation</i> , 2010, 120, 2379-2394.	3.9	133
7	Defective HNF4 $\alpha$ -dependent gene expression as a driver of hepatocellular failure in alcoholic hepatitis. <i>Nature Communications</i> , 2019, 10, 3126.	5.8	124
8	Neuropilin-1 Stimulates Tumor Growth by Increasing Fibronectin Fibril Assembly in the Tumor Microenvironment. <i>Cancer Research</i> , 2012, 72, 4047-4059.	0.4	117
9	Direct Interaction between Endothelial Nitric-oxide Synthase and Dynamin-2. <i>Journal of Biological Chemistry</i> , 2001, 276, 14249-14256.	1.6	97
10	Disruption of an SP2/KLF6 Repression Complex by SHP Is Required for Farnesoid X Receptor-induced Endothelial Cell Migration. <i>Journal of Biological Chemistry</i> , 2006, 281, 39105-39113.	1.6	69
11	The unfolded protein response mediates fibrogenesis and collagen I secretion through regulating TANGO1 in mice. <i>Hepatology</i> , 2017, 65, 983-998.	3.6	68
12	KLF11-mediated Repression Antagonizes Sp1/Sterol-responsive Element-binding protein-induced Transcriptional Activation of Caveolin-1 in Response to Cholesterol Signaling. <i>Journal of Biological Chemistry</i> , 2005, 280, 1901-1910.	1.6	58
13	Enhancer of Zeste Homologue 2 Inhibition Attenuates TGF- $\beta$ 2 Dependent Hepatic Stellate Cell Activation and Liver Fibrosis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 197-209.	2.3	54
14	Endothelial p300 Promotes Portal Hypertension and Hepatic Fibrosis Through CCR Motif Chemokine Ligand 2-Mediated Angiocrine Signaling. <i>Hepatology</i> , 2021, 73, 2468-2483.	3.6	52
15	The Proline-rich Domain of Dynamin-2 Is Responsible for Dynamin-dependent in Vitro Potentiation of Endothelial Nitric-oxide Synthase Activity via Selective Effects on Reductase Domain Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 5894-5901.	1.6	46
16	Regulation and functional roles of chemokines in liver diseases. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 630-647.	8.2	46
17	Super enhancer regulation of cytokine-induced chemokine production in alcoholic hepatitis. <i>Nature Communications</i> , 2021, 12, 4560.	5.8	37
18	Hepatic stellate cell activation promotes alcohol-induced steatohepatitis through Igfbp3 and SerpinA12. <i>Journal of Hepatology</i> , 2020, 73, 149-160.	1.8	35

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19	Integrated Multiomics Reveals Glucose Use Reprogramming and Identifies a Novel Hexokinase in Alcoholic Hepatitis. <i>Gastroenterology</i> , 2021, 160, 1725-1740.e2.	0.6	35
20	FGF21 Promotes Endothelial Cell Angiogenesis through a Dynamin-2 and Rab5 Dependent Pathway. <i>PLoS ONE</i> , 2014, 9, e98130.	1.1	25
21	Sphingosine-1-Phosphate Mediates a Reciprocal Signaling Pathway between Stellate Cells and Cancer Cells that Promotes Pancreatic Cancer Growth. <i>American Journal of Pathology</i> , 2014, 184, 2791-2802.	1.9	25
22	Serum Transferrin Is an Independent Predictor of Mortality in Severe Alcoholic Hepatitis. <i>American Journal of Gastroenterology</i> , 2020, 115, 398-405.	0.2	24
23	Mechanotransduction-induced glycolysis epigenetically regulates a CXCL1-dominant angiocrine signaling program in liver sinusoidal endothelial cells in vitro and in vivo. <i>Journal of Hepatology</i> , 2022, 77, 723-734.	1.8	24
24	Non-canonical role of matrix metalloprotease (MMP) in activation and migration of hepatic stellate cells (HSCs). <i>Life Sciences</i> , 2016, 155, 155-160.	2.0	21
25	GIPC-Regulated IGFBP-3 Promotes HSC Migration In vitro and Portal Hypertension In vivo Through a $\beta$ 1-Integrin Pathway. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 545-559.	2.3	19
26	Synectin promotes fibrogenesis by regulating PDGFR isoforms through distinct mechanisms. <i>JCI Insight</i> , 2017, 2, .	2.3	16
27	Stiffness is associated with hepatic stellate cell heterogeneity during liver fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G234-G246.	1.6	15
28	Epigenetics of alcohol-related liver diseases. <i>JHEP Reports</i> , 2022, 4, 100466.	2.6	15
29	Long non-coding RNA ACTA2-AS1 promotes ductular reaction by interacting with the p300/ELK1 complex. <i>Journal of Hepatology</i> , 2022, 76, 921-933.	1.8	15
30	Neuropilin-1 is upregulated by cancer-associated fibroblast-secreted IL-8 and associated with cell proliferation of gallbladder cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12608-12618.	1.6	10
31	The Transcriptome of Hepatic Fibrosis Revealed by Single-Cell RNA Sequencing. <i>Hepatology</i> , 2020, 71, 1865-1867.	3.6	8
32	Serum transferrin as a biomarker of hepatocyte nuclear factor 4 alpha activity and hepatocyte function in liver diseases. <i>BMC Medicine</i> , 2021, 19, 39.	2.3	8
33	Hepatic Stellate Cell Selective Disruption of Dynamin-2 GTPase Increases Murine Fibrogenesis through Up-Regulation of Sphingosine-1 Phosphate-Induced Cell Migration. <i>American Journal of Pathology</i> , 2017, 187, 134-145.	1.9	6
34	XIAP Knockdown in Alcohol-Associated Liver Disease Models Exhibits Divergent in vitro and in vivo Phenotypes Owing to a Potential Zonal Inhibitory Role of SMAC. <i>Frontiers in Physiology</i> , 2021, 12, 664222.	1.3	6
35	Tetrahydrobiopterin Synthesis in Endothelial Cells is Regulated by Caveolin-1. <i>FASEB Journal</i> , 2006, 20, A1076.	0.2	0
36	Non-competitive Inhibition of ATP Binding to the Carboxyl Terminus of Kir6.2 by Epoxyeicosatrienoic Acids. <i>FASEB Journal</i> , 2006, 20, A487.	0.2	0