

Jun Cai

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

2,265
citations

22
h-index

47
g-index

79
ext. papers

3,122
ext. citations

6
avg, IF

4.62
L-index

#	Paper	IF	Citations
70	Gut microbiota dysbiosis contributes to the development of hypertension. <i>Microbiome</i> , 2017 , 5, 14	16.6	652
69	Signature microRNA expression profile of essential hypertension and its novel link to human cytomegalovirus infection. <i>Circulation</i> , 2011 , 124, 175-84	16.7	270
68	Metagenomic and metabolomic analyses unveil dysbiosis of gut microbiota in chronic heart failure patients. <i>Scientific Reports</i> , 2018 , 8, 635	4.9	133
67	Gut-dependent microbial translocation induces inflammation and cardiovascular events after ST-elevation myocardial infarction. <i>Microbiome</i> , 2018 , 6, 66	16.6	100
66	Crocetin protects against cardiac hypertrophy by blocking MEK-ERK1/2 signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 909-25	5.6	69
65	Sulhydrated Sirtuin-1 Increasing Its Deacetylation Activity Is an Essential Epigenetics Mechanism of Anti-Atherogenesis by Hydrogen Sulfide. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 184-197	8.4	66
64	AK098656, a Novel Vascular Smooth Muscle Cell-Dominant Long Noncoding RNA, Promotes Hypertension. <i>Hypertension</i> , 2018 , 71, 262-272	8.5	57
63	Trial of Intensive Blood-Pressure Control in Older Patients with Hypertension. <i>New England Journal of Medicine</i> , 2021 , 385, 1268-1279	59.2	55
62	Disordered gut microbiota and alterations in metabolic patterns are associated with atrial fibrillation. <i>GigaScience</i> , 2019 , 8,	7.6	47
61	MicroRNA-181c targets Bcl-2 and regulates mitochondrial morphology in myocardial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 2084-97	5.6	43
60	The ideal cardiovascular health metrics associated inversely with mortality from all causes and from cardiovascular diseases among adults in a Northern Chinese industrial city. <i>PLoS ONE</i> , 2014 , 9, e89161	3.7	42
59	Differentially expressed plasma microRNAs and the potential regulatory function of Let-7b in chronic thromboembolic pulmonary hypertension. <i>PLoS ONE</i> , 2014 , 9, e101055	3.7	41
58	Burden of hypertension in China over the past decades: Systematic analysis of prevalence, treatment and control of hypertension. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 792-800	3.9	40
57	TET2 regulates LncRNA-ANRIL expression and inhibits the growth of human gastric cancer cells. <i>IUBMB Life</i> , 2016 , 68, 355-64	4.7	37
56	Genetic variants associated with myocardial infarction and the risk factors in Chinese population. <i>PLoS ONE</i> , 2014 , 9, e86332	3.7	37
55	Cardiovascular Health Score and the Risk of Cardiovascular Diseases. <i>PLoS ONE</i> , 2015 , 10, e0131537	3.7	35
54	Short-term surgical outcomes of laparoscopy-assisted versus open D2 distal gastrectomy for locally advanced gastric cancer in North China: a multicenter randomized controlled trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019 , 33, 33-45	5.2	34

53	Dysbiotic gut microbes may contribute to hypertension by limiting vitamin D production. <i>Clinical Cardiology</i> , 2019 , 42, 710-719	3.3	28
52	Homocysteine as a risk factor for hypertension: a 2-year follow-up study. <i>PLoS ONE</i> , 2014 , 9, e108223	3.7	27
51	Heparin-functionalized Pluronic nanoparticles to enhance the antitumor efficacy of sorafenib in gastric cancers. <i>Carbohydrate Polymers</i> , 2016 , 136, 782-90	10.3	25
50	Human cytomegalovirus linked to stroke in a Chinese population. <i>CNS Neuroscience and Therapeutics</i> , 2012 , 18, 457-60	6.8	23
49	Effects of simvastatin on glucose metabolism in mouse MIN6 cells. <i>Journal of Diabetes Research</i> , 2014 , 2014, 376570	3.9	22
48	Inhibits Proliferation and Migration of Colorectal Cancer SW480 Cells. <i>Anticancer Research</i> , 2017 , 37, 4345-4352	2.3	22
47	Orai1, a Direct Target of microRNA-519, Promotes Progression of Colorectal Cancer via Akt/GSK3 β Signaling Pathway. <i>Digestive Diseases and Sciences</i> , 2016 , 61, 1553-60	4	21
46	Hcmv-miR-UL112 attenuates NK cell activity by inhibition type I interferon secretion. <i>Immunology Letters</i> , 2015 , 163, 151-6	4.1	21
45	Progress in Therapies for Myocardial Ischemia Reperfusion Injury. <i>Current Drug Targets</i> , 2017 , 18, 1712-1721		21
44	Coffee consumption and the risk of incident gastric cancer--A meta-analysis of prospective cohort studies. <i>Nutrition and Cancer</i> , 2016 , 68, 40-7	2.8	17
43	Targeted expression of receptor-associated late transducer inhibits maladaptive hypertrophy via blocking epidermal growth factor receptor signaling. <i>Hypertension</i> , 2009 , 53, 539-48	8.5	16
42	Alterations of gut microbiota contribute to the progression of unruptured intracranial aneurysms. <i>Nature Communications</i> , 2020 , 11, 3218	17.4	14
41	miRNA expression profile and involvement of Let-7d-APP in aged rats with isoflurane-induced learning and memory impairment. <i>PLoS ONE</i> , 2015 , 10, e0119336	3.7	14
40	CD4 T-Cell Endogenous Cystathionine β lyase-Hydrogen Sulfide Attenuates Hypertension by Sulfhydrating Liver Kinase B1 to Promote T Regulatory Cell Differentiation and Proliferation. <i>Circulation</i> , 2020 , 142, 1752-1769	16.7	14
39	Gut microbes in cardiovascular diseases and their potential therapeutic applications. <i>Protein and Cell</i> , 2021 , 12, 346-359	7.2	14
38	Hydrogen sulfide lowers hyperhomocysteinemia dependent on cystathionine β lyase S-sulfhydration in ApoE-knockout atherosclerotic mice. <i>British Journal of Pharmacology</i> , 2019 , 176, 3180-3192	8.6	12
37	The Profile of Serum microRNAs Predicts Prognosis for Resected Gastric Cancer Patients Receiving Platinum-Based Chemotherapy. <i>Digestive Diseases and Sciences</i> , 2017 , 62, 1223-1234	4	11
36	Gastric Cancer Mortality Trends in China (2006-2013) Reveal Increasing Mortality in Young Subjects. <i>Anticancer Research</i> , 2017 , 37, 4671-4679	2.3	11

35	The Role and Mechanism of Intestinal Flora in Blood Pressure Regulation and Hypertension Development. <i>Antioxidants and Redox Signaling</i> , 2021 , 34, 811-830	8.4	10
34	Changes in cardiovascular health score and atherosclerosis progression in middle-aged and older persons in China: a cohort study. <i>BMJ Open</i> , 2015 , 5, e007547	3	8
33	Positive Expression of Human Cytomegalovirus Phosphoprotein 65 in Atherosclerosis. <i>BioMed Research International</i> , 2016 , 2016, 4067685	3	8
32	Explored Risk Factors for Lymph Node Metastasis with Siewert II/III Adenocarcinoma of the Gastroesophageal Junction. <i>Anticancer Research</i> , 2017 , 37, 4605-4610	2.3	7
31	New drug targets for hypertension: A literature review. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1867, 166037	6.9	7
30	Preliminary study of microRNA-126 as a novel therapeutic target for primary hypertension. <i>International Journal of Molecular Medicine</i> , 2018 , 41, 1835-1844	4.4	6
29	ANTXR2 Knock-Out Does Not Result in the Development of Hypertension in Rats. <i>American Journal of Hypertension</i> , 2017 , 30, 182-187	2.3	5
28	miR-483-3p regulates acute myocardial infarction by transcriptionally repressing insulin growth factor 1 expression. <i>Molecular Medicine Reports</i> , 2018 , 17, 4785-4790	2.9	5
27	Cross-section analysis of coal workers' pneumoconiosis and higher brachial-ankle pulse wave velocity within Kailuan study. <i>BMC Public Health</i> , 2017 , 17, 148	4.1	4
26	Relationship between cardiovascular health score and year-to-year blood pressure variability in China: a prospective cohort study. <i>BMJ Open</i> , 2015 , 5, e008730	3	4
25	Correlation of triglycerides with myocardial infarction and analysis of risk factors for myocardial infarction in patients with elevated triglyceride. <i>Journal of Thoracic Disease</i> , 2018 , 10, 2551-2557	2.6	4
24	Mdivi-1, a mitochondrial fission inhibitor, reduces angiotensin-II- induced hypertension by mediating VSMC phenotypic switch. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111689	7.5	3
23	Malignant tumors associated with Peutz-Jeghers syndrome: Five cases from a single surgical unit. <i>World Journal of Clinical Cases</i> , 2020 , 8, 264-275	1.6	2
22	Protocol for expanded indications of endoscopic submucosal dissection for early gastric cancer in China: a multicenter, ambispective, observational, open-cohort study. <i>BMC Cancer</i> , 2020 , 20, 801	4.8	2
21	Changes in Home Blood Pressure Monitored Among Elderly Patients With Hypertension During the COVID-19 Outbreak: A Longitudinal Study in China Leveraging a Smartphone-Based Application. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e007098	5.8	2
20	Laparoscopic total left-sided surgical approach versus traditional bilateral surgical approach for treating hiatal hernia: a study protocol for a randomized controlled trial. <i>Annals of Translational Medicine</i> , 2021 , 9, 951	3.2	2
19	Single cell transcriptomic analysis identifies novel vascular smooth muscle subsets under high hydrostatic pressure. <i>Science China Life Sciences</i> , 2021 , 64, 1677-1690	8.5	2
18	Norswertianolin Promotes Cystathionine β -lyase Activity and Attenuates Renal Ischemia/Reperfusion Injury and Hypertension. <i>Frontiers in Pharmacology</i> , 2021 , 12, 677212	5.6	2

17	Characterization and influencing factors of visit-to-visit blood pressure variability of the population in a northern Chinese industrial city. <i>Chinese Medical Journal</i> , 2014 , 127, 1022-6	2.9	2
16	p38/JNK Is Required for the Proliferation and Phenotype Changes of Vascular Smooth Muscle Cells Induced by in Essential Hypertension. <i>International Journal of Hypertension</i> , 2020 , 2020, 3123968	2.4	1
15	Paroxysmal Hypertension Associated With Urination. <i>Hypertension</i> , 2019 , 74, 1068-1074	8.5	1
14	Vascular endothelial function of patients with stable coronary artery disease. <i>Pakistan Journal of Medical Sciences</i> , 2015 , 31, 538-42	2	1
13	Vascular smooth muscle cell-derived hydrogen sulfide promotes atherosclerotic plaque stability via TFEB (transcription factor EB)-mediated autophagy.. <i>Autophagy</i> , 2022 , 1-18	10.2	1
12	Anxiety, home blood pressure monitoring, and cardiovascular events among older hypertension patients during the COVID-19 pandemic.. <i>Hypertension Research</i> , 2022 ,	4.7	1
11	Anatomical variation of infra-pyloric artery origination: A prospective multicenter observational study (IPA-Origin). <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2018 , 30, 500-507	3.8	1
10	Infrapyloric lymph node metastasis pattern in middle/lower gastric cancer: an exploratory analysis of a multicenter prospective observational study (IPA-ORIGIN). <i>Chinese Medical Journal</i> , 2020 , 133, 2759-2761	29.61	1
9	Current indications for endoscopic submucosal dissection of early gastric cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2021 , 13, 560-573	3.4	1
8	Blocking FcRIIB in Smooth Muscle Cells Reduces Hypertension. <i>Circulation Research</i> , 2021 , 129, 308-325	15.7	1
7	Effect of fecal microbiota transplantation on primary hypertension and the underlying mechanism of gut microbiome restoration: protocol of a randomized, blinded, placebo-controlled study.. <i>Trials</i> , 2022 , 23, 178	2.8	1
6	STEP to blood pressure management of elderly hypertension: evidence from Asia.. <i>Hypertension Research</i> , 2022 , 45, 576-582	4.7	0
5	The Bidirectional Signal Communication of Microbiota-Gut-Brain Axis in Hypertension.. <i>International Journal of Hypertension</i> , 2021 , 2021, 8174789	2.4	0
4	Transumbilical single-incision laparoscopic resection of ileocecal junction for benign disease: first report of two cases. <i>Surgical Innovation</i> , 2011 , 18, 189-92	2	
3	A new technique for treating hiatal hernia with gastroesophageal reflux disease: the laparoscopic total left-side surgical approach. <i>BMC Surgery</i> , 2021 , 21, 361	2.3	
2	Factors associated with overall survival in early gastric cancer patients who underwent additional surgery after endoscopic submucosal dissection. <i>World Journal of Clinical Cases</i> , 2021 , 9, 2192-2204	1.6	
1	Apatinib plus S-1 for previously treated, advanced gastric or gastro-oesophageal junction adenocarcinoma: a phase 2, single-arm, prospective study. <i>Journal of Gastrointestinal Oncology</i> , 2021 , 12, 2035-2044	2.8	