Yutang Wang

List of Publications by Year
in descending order

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68 papers	1,942 citations	304743 22 h-index	254184 43 g-index
71 all docs	71 docs citations	71 times ranked	3576 citing authors

#	Article	IF	Citations
1	Kynurenine is an endothelium-derived relaxing factor produced during inflammation. Nature Medicine, 2010, 16, 279-285.	30.7	418
2	Wnt Signaling Pathway Inhibitor Sclerostin Inhibits Angiotensin IIâ€“Induced Aortic Aneurysm and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 553-566.	2.4	127
3	Dietary quercetin attenuates oxidant-induced endothelial dysfunction and atherosclerosis in apolipoprotein E knockout mice fed a high-fat diet: A critical role for heme oxygenase-1. Free Radical Biology and Medicine, 2013, 65, 908-915.	2.9	111
4	Tryptophan metabolism to kynurenine is a potential novel contributor to hypotension in human sepsis*. Critical Care Medicine, 2011, 39, 2678-2683.	0.9	105
5	Quercetin and its metabolites improve vessel function by inducing eNOS activity via phosphorylation of AMPK. Biochemical Pharmacology, 2012, 84, 1036-1044.	4.4	95
6	The calcium chloride-induced rodent model of abdominal aortic aneurysm. Atherosclerosis, 2013, 226, 29-39.	0.8	85
7	Singlet molecular oxygen regulates vascular tone and blood pressure in inflammation. Nature, 2019, 566, 548-552.	27.8	84
8	Heme Oxygenase-1 Increases Endothelial Progenitor Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1537-1542.	2.4	73
9	Resveratrol Inhibits Growth of Experimental Abdominal Aortic Aneurysm Associated With Upregulation of Angiotensin-Converting Enzyme 2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2195-2203.	2.4	67
10	Transactivation of RAGE mediates angiotensin-induced inflammation and atherogenesis. Journal of Clinical Investigation, 2018, 129, 406-421.	8.2	59
11	microRNA profiling in patients with abdominal aortic aneurysms: the significance of miR-155. Clinical Science, 2014, 126, 795-803.	4.3	55
12	Angiotensin converting enzyme 2 and atherosclerosis. Atherosclerosis, 2013, 226, 3-8.	0.8	54
13	A Peptide Antagonist of Thrombospondin-1 Promotes Abdominal Aortic Aneurysm Progression in the Angiotensin IIâ€“Infused Apolipoprotein-Eâ€“Deficient Mouse. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 389-398.	2.4	51
14	Angiotensin II, sympathetic nerve activity and chronic heart failure. Heart Failure Reviews, 2014, 19, 187-198.	3.9	42
15	Transforming growth factor-Î² and abdominal aortic aneurysms. Cardiovascular Pathology, 2013, 22, 126-132.	1.6	41
16	Interplay Between Heme Oxygenase-1 and the Multifunctional Transcription Factor Yin Yang 1 in the Inhibition of Intimal Hyperplasia. Circulation Research, 2010, 107, 1490-1497.	4.5	35
17	Establishment of sex difference in circulating uric acid is associated with higher testosterone and lower sex hormone-binding globulin in adolescent boys. Scientific Reports, 2021, 11, 17323.	3.3	32
18	Parenteral administration of factor Xa/IIa inhibitors limits experimental aortic aneurysm and atherosclerosis. Scientific Reports, 2017, 7, 43079.	3.3	31

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19	Mouse models for abdominal aortic aneurysm. British Journal of Pharmacology, 2022, 179, 792-810.	5.4	30
20	The association between serum uric acid and blood pressure in different age groups in a healthy Chinese cohort. Medicine (United States), 2017, 96, e8953.	1.0	29
21	Neuronal Nitric Oxide Synthase and Sympathetic Nerve Activity in Neurovascular and Metabolic Systems. Current Neurovascular Research, 2013, 10, 81-89.	1.1	28
22	Mouse Models of Intracranial Aneurysm. Brain Pathology, 2015, 25, 237-247.	4.1	25
23	Vascular expression, activity and function of indoleamine 2,3-dioxygenase-1 following cerebral ischaemiaâ€“reperfusion in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 383, 471-481.	3.0	23
24	Definition, Prevalence, and Risk Factors of Low Sex Hormone-Binding Globulin in US Adults. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3946-e3956.	3.6	23
25	Reduced renal function may explain the higher prevalence of hyperuricemia in older people. Scientific Reports, 2021, 11, 1302.	3.3	22
26	Hyperuricemia is independently associated with hypertension in men under 60 years in a general Chinese population. Journal of Human Hypertension, 2021, 35, 1020-1028.	2.2	19
27	Therapeutic Effects of Renal Denervation on Renal Failure. Current Neurovascular Research, 2013, 10, 172-184.	1.1	16
28	Stage 1 hypertension and risk of cardiovascular disease mortality in United States adults with or without diabetes. Journal of Hypertension, 2022, 40, 794-803.	0.5	16
29	Influence of apolipoprotein E, age and aortic site on calcium phosphate induced abdominal aortic aneurysm in mice. Atherosclerosis, 2014, 235, 204-212.	0.8	15
30	Higher fasting triglyceride predicts higher risks of diabetes mortality in US adults. Lipids in Health and Disease, 2021, 20, 181.	3.0	11
31	Kallistatin limits abdominal aortic aneurysm by attenuating generation of reactive oxygen species and apoptosis. Scientific Reports, 2021, 11, 17451.	3.3	9
32	What is the true incidence of renal artery stenosis after sympathetic denervation?. Frontiers in Physiology, 2014, 5, 311.	2.8	8
33	Renal Denervation Promotes Atherosclerosis in Hypertensive Apolipoprotein E-Deficient Mice Infused with Angiotensin II. Frontiers in Physiology, 2017, 8, 215.	2.8	8
34	Adjustment for body mass index changes inverse associations of HDL-cholesterol with blood pressure and hypertension to positive associations. Journal of Human Hypertension, 2022, 36, 570-579.	2.2	8
35	Renal denervation for resistant hypertensionâ€"the Symplicity HTN-1 study. Lancet, The, 2014, 383, 1885.	13.7	7
36	A Modified MTS Proliferation Assay for Suspended Cells to Avoid the Interference by Hydralazine and Î²-Mercaptoethanol. Assay and Drug Development Technologies, 2021, 19, 184-190.	1.2	7

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37	Ethnicity and sympathetic tone: predictors of the blood pressure response to renal denervation?. Nature Reviews Cardiology, 2014, 11, 638-638.	13.7	6
38	An Improved 3-(4,5-Dimethylthiazol-2-yl)-5-(3-Carboxymethoxyphenyl)-2-(4-Sulfophenyl)-2H-Tetrazolium Proliferation Assay to Overcome the Interference of Hydralazine. Assay and Drug Development Technologies, 2020, 18, 379-384.	1.2	6
39	Patients with renal artery stenosis may not be suitable for renal denervation. Clinical Research in Cardiology, 2014, 103, 585-586.	3.3	5
40	Postabsorptive homeostasis model assessment for insulin resistance is a reliable biomarker for cardiovascular disease mortality and all-cause mortality. Diabetes Epidemiology and Management, 2022, 6, 100045.	0.8	5
41	Control of salt and volume retention cannot be ruled out as a mechanism underlying the blood pressure-lowering effect of renal denervation. Hypertension Research, 2013, 36, 1006-1007.	2.7	4
42	The concentration of ethanol affects its penetration rate in bovine cardiac and hepatic tissues. Folia Histochemica Et Cytobiologica, 2018, 56, 92-97.	1.5	4
43	Both low and high levels of low-density lipoprotein cholesterol are risk factors for diabetes diagnosis in Chinese adults. Diabetes Epidemiology and Management, 2022, 6, 100050.	0.8	4
44	Late non-fasting plasma glucose predicts cardiovascular mortality independent of hemoglobin A1c. Scientific Reports, 2022, 12, 7778.	3.3	4
45	Fasting status modifies the association between triglyceride and allâ€cause mortality: A cohort study. Health Science Reports, 2022, 5, .	1.5	4
46	Single-sided renal denervation may be not suitable for patients with significant renal artery stenosis. Clinical Research in Cardiology, 2014, 103, 950-951.	3.3	3
47	Limitations in current clinical trials on renal denervation. International Journal of Cardiology, 2014, 174, 225.	1.7	3
48	It may be not suitable to perform renal denervation in renal arteries with significant stenosis. International Journal of Cardiology, 2014, 174, 750.	1.7	3
49	Editorial: Function of Renal Sympathetic Nerves. Frontiers in Physiology, 2017, 8, 642.	2.8	3
50	Cardiac protective role of a novel erythrocyte-derived depressing factor on rats and its Ca2+ mechanism. Science Bulletin, 2003, 48, 2710-2714.	1.7	2
51	Letter by Wang Regarding Article, â€œRenal Denervation for the Treatment of Cardiovascular High Risk-Hypertension or Beyond?â€• Circulation Research, 2014, 115, e18.	4.5	2
52	More Research Is Needed to Investigate the Effect of Denervation on Blood Pressure. Hypertension, 2014, 63, e85.	2.7	2
53	Renal Artery Stenosis May Be Responsible for the Gradual Return of High Blood Pressure After Renal Denervation. Journal of Clinical Hypertension, 2014, 16, 313-313.	2.0	2
54	The penetration of methanol into bovine cardiac and hepatic tissues is faster than ethanol and formalin. European Journal of Histochemistry, 2018, 62, 2880.	1.5	2

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55	Omega-3 Fatty Acids Effect on Major Cardiovascular Events in Patients at High Cardiovascular Risk. JAMA - Journal of the American Medical Association, 2021, 325, 1333.	7.4	2
56	Tree nut consumption is associated with higher sex hormone-binding globulin levels in premenopausal US women. Nutrition Research, 2021, 93, 61-68.	2.9	2
57	Is isolated systolic hypertension an indication for renal denervation?. Frontiers in Physiology, 2014, 5, 505.	2.8	1
58	Could Pathophysiology Failure Be Ruled Out?. American Journal of Medicine, 2014, 127, e29.	1.5	1
59	It Is Urgent to Investigate Predictors of the Response of Blood Pressure to Renal Denervation. Canadian Journal of Cardiology, 2014, 30, 465.e7.	1.7	1
60	Tree nut consumption is associated with a lower risk of hyperestrogenism in men. Nutrition Research, 2022, 98, 1-8.	2.9	1
61	Hypouricemia is a risk factor for diabetes in Chinese adults. Obesity Medicine, 2022, 31, 100405.	0.9	1
62	Experimental vasoprotection by a novel erythrocyte-derived depressing factor in rats with arterial calcinosis. Vascular Pharmacology, 2009, 50, 65-70.	2.1	0
63	Ambulatory blood pressure may be designed as the primary efficacy outcome in clinical trials on renal denervation. International Journal of Cardiology, 2014, 176, 1262-1263.	1.7	0
64	Letter by Wang Regarding Article, â€œEfficacy and Safety of Catheter-Based Radiofrequency Renal Denervation in Stented Renal Arteriesâ€• Circulation: Cardiovascular Interventions, 2015, 8, e002117.	3.9	0
65	Comment: Translating Guidelines Into Practice: Interpreting the 2016 ACC Expert Consensus Decision Pathway on the Role of Non-Statin Therapies for LDL Cholesterol Lowering in the Management of Atherosclerotic Cardiovascular Disease Risk. Annals of Pharmacotherapy, 2018, 52, 91-91.	1.9	0
66	Cardiac protective role of a novel erythrocyte-derived depressing factor on rats and its Ca2+ mechanism. Science Bulletin, 2003, 48, 2710.	1.7	0
67	Aggregatibacter actinomycetemcomitans and Atherosclerosis. Journal of Integrative Cardiology Open Access, 2020, , 1-6.	0.1	0
68	Renal denervation: the Irish experience. Hellenic Journal of Cardiology, 2014, 55, 516.	1.0	0