

Mingyi Wang

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.

35
papers

2,651
citations

23
h-index

39
g-index

39
ext. papers

2,993
ext. citations

6.5
avg, IF

4.85
L-index

#	Paper	IF	Citations
35	Proinflammatory profile within the grossly normal aged human aortic wall. <i>Hypertension</i> , 2007 , 50, 219-225	8.5	204
34	Matrix metalloproteinase 2 activation of transforming growth factor-beta1 (TGF-beta1) and TGF-beta1-type II receptor signaling within the aged arterial wall. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 1503-9	9.4	199
33	Aging increases aortic MMP-2 activity and angiotensin II in nonhuman primates. <i>Hypertension</i> , 2003 , 41, 1308-16	8.5	185
32	Resveratrol prevents high fat/sucrose diet-induced central arterial wall inflammation and stiffening in nonhuman primates. <i>Cell Metabolism</i> , 2014 , 20, 183-90	24.6	163
31	Angiotensin II activates matrix metalloproteinase type II and mimics age-associated carotid arterial remodeling in young rats. <i>American Journal of Pathology</i> , 2005 , 167, 1429-42	5.8	153
30	Rat aortic MCP-1 and its receptor CCR2 increase with age and alter vascular smooth muscle cell function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1397-402	9.4	149
29	Arterial aging and subclinical arterial disease are fundamentally intertwined at macroscopic and molecular levels. <i>Medical Clinics of North America</i> , 2009 , 93, 583-604, Table of Contents	7	144
28	Proinflammation: the key to arterial aging. <i>Trends in Endocrinology and Metabolism</i> , 2014 , 25, 72-9	8.8	136
27	Altered regulation of matrix metalloproteinase-2 in aortic remodeling during aging. <i>Hypertension</i> , 2002 , 39, 865-73	8.5	136
26	Arterial aging: a journey into subclinical arterial disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2010 , 19, 201-7	3.5	122
25	Involvement of NADPH oxidase in age-associated cardiac remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 48, 765-72	5.8	119
24	Matrix metalloproteinases promote arterial remodeling in aging, hypertension, and atherosclerosis. <i>Hypertension</i> , 2015 , 65, 698-703	8.5	114
23	Age-associated proinflammatory secretory phenotype in vascular smooth muscle cells from the non-human primate <i>Macaca mulatta</i> : reversal by resveratrol treatment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012 , 67, 811-20	6.4	108
22	Calpain-1 regulation of matrix metalloproteinase 2 activity in vascular smooth muscle cells facilitates age-associated aortic wall calcification and fibrosis. <i>Hypertension</i> , 2012 , 60, 1192-9	8.5	97
21	Milk fat globule protein epidermal growth factor-8: a pivotal relay element within the angiotensin II and monocyte chemoattractant protein-1 signaling cascade mediating vascular smooth muscle cells invasion. <i>Circulation Research</i> , 2009 , 104, 1337-46	15.7	80
20	Increased aortic calpain-1 activity mediates age-associated angiotensin II signaling of vascular smooth muscle cells. <i>PLoS ONE</i> , 2008 , 3, e2231	3.7	79
19	Chronic matrix metalloproteinase inhibition retards age-associated arterial proinflammation and increase in blood pressure. <i>Hypertension</i> , 2012 , 60, 459-66	8.5	75

18	Central Arterial Aging and Angiotensin II Signaling. <i>Current Hypertension Reviews</i> , 2010 , 6, 266-281	2.3	65
17	MFG-E8 activates proliferation of vascular smooth muscle cells via integrin signaling. <i>Aging Cell</i> , 2012 , 11, 500-8	9.9	62
16	Age-associated pro-inflammatory remodeling and functional phenotype in the heart and large arteries. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 83, 101-11	5.8	53
15	A local proinflammatory signalling loop facilitates adverse age-associated arterial remodeling. <i>PLoS ONE</i> , 2011 , 6, e16653	3.7	43
14	Proinflammation of aging central arteries: a mini-review. <i>Gerontology</i> , 2014 , 60, 519-29	5.5	32
13	Milk fat globule epidermal growth factor VIII signaling in arterial wall remodeling. <i>Current Vascular Pharmacology</i> , 2013 , 11, 768-76	3.3	26
12	The Pressure of Aging. <i>Medical Clinics of North America</i> , 2017 , 101, 81-101	7	23
11	TGF β reinforces arterial aging in the vascular smooth muscle cell through a long-range regulation of the cytoskeletal stiffness. <i>Scientific Reports</i> , 2018 , 8, 2668	4.9	22
10	Proinflammatory Arterial Stiffness Syndrome: A Signature of Large Arterial Aging. <i>Journal of Vascular Research</i> , 2018 , 55, 210-223	1.9	17
9	Calorie Restriction Curbs Proinflammation That Accompanies Arterial Aging, Preserving a Youthful Phenotype. <i>Journal of the American Heart Association</i> , 2018 , 7, e009112	6	14
8	Proinflammation, profibrosis, and arterial aging. <i>Aging Medicine (Milton (N S W))</i> , 2020 , 3, 159-168	3.5	9
7	Reduced vasorin enhances angiotensin II signaling within the aging arterial wall. <i>Oncotarget</i> , 2018 , 9, 27117-27132	3.3	7
6	Discoidin domain Receptor 2: A determinant of metabolic syndrome-associated arterial fibrosis in non-human primates. <i>PLoS ONE</i> , 2019 , 14, e0225911	3.7	5
5	Discoidin Domain Receptor 2 Regulates AT1R Expression in Angiotensin II-Stimulated Cardiac Fibroblasts via Fibronectin-Dependent Integrin- β Signaling. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
4	Cellular and Molecular Determinants of Arterial Aging 2015 , 7-16		3
3	Age-associated proinflammatory elastic fiber remodeling in large arteries. <i>Mechanisms of Ageing and Development</i> , 2021 , 196, 111490	5.6	2
2	Effects of puerarin on chronic inflammation: Focus on the heart, brain, and arteries.. <i>Aging Medicine (Milton (N S W))</i> , 2021 , 4, 317-324	3.5	1
1	The Aging Arterial Wall 2016 , 359-389		0

