

CITATION REPORT

List of articles citing

Vascular Fibrosis in Aging and Hypertension: Molecular Mechanisms and Clinical Implications

DOI: 10.1016/j.cjca.2016.02.070

Canadian Journal of Cardiology, 2016, 32, 659-68.

Source: <https://exaly.com/paper-pdf/65631786/citation-report.pdf>

Version: 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
249	Transitional Remodeling of the Hepatic Extracellular Matrix in Alcohol-Induced Liver Injury. 2016 , 2016, 3162670		18
248	Drug Treatment of Hypertension: Focus on Vascular Health. 2016 , 76, 1529-1550		34
247	Modulation of Matrix Softness and Interstitial Flow for 3D Cell Culture Using a Cell-Microenvironment-on-a-Chip System. 2016 , 2, 1968-1975		11
246	Dietary Flaxseed Reduces Central Aortic Blood Pressure Without Cardiac Involvement but Through Changes in Plasma Oxylipins. 2016 , 68, 1031-8		41
245	Long-Term Angiotensin II Receptor Blockade Limits Hypertension, Aortic Dysfunction, and Structural Remodeling in a Rat Model of Chronic Kidney Disease. 2016 , 53, 216-229		8
244	Arterial aging mediates the effect of TNF- α and ACE polymorphisms on mental health in elderly individuals: insights from IKARIA study. 2017 , 110, 551-557		4
243	Vascular dysfunction and fibrosis in stroke-prone spontaneously hypertensive rats: The aldosterone-mineralocorticoid receptor-Nox1 axis. 2017 , 179, 110-119		33
242	Purinergic P2Y receptors: A new therapeutic target of age-dependent hypertension. 2017 , 120, 51-59		15
241	Cardiac fibrosis in the ageing heart: Contributors and mechanisms. 2017 , 44 Suppl 1, 55-63		37
240	Matrix Metalloproteases in Arterial Hypertension and their Trend after Antihypertensive Treatment. 2017 , 42, 347-357		13
239	From Inflammation to Fibrosis-Molecular and Cellular Mechanisms of Myocardial Tissue Remodelling and Perspectives on Differential Treatment Opportunities. 2017 , 14, 235-250		155
238	New mechanisms of vascular fibrosis: Role of lysyl oxidase. 2017 , 29, 166-167		1
237	Angiotensin II Type 1 Receptor-Associated Protein Regulates Kidney Aging and Lifespan Independent of Angiotensin. 2017 , 6,		23
236	New mechanisms of vascular fibrosis: Role of lysyl oxidase. 2017 , 29, 166-167		2
235	Impaired Central Pulsatile Hemodynamics in Children and Adolescents With Marfan Syndrome. 2017 , 6,		6
234	Purinergic P2Y receptors: Molecular diversity and implications for treatment of cardiovascular diseases. 2017 , 180, 113-128		36
233	Toll-like receptor-4 signaling pathway in aorta aging and diseases: "its double nature". 2017 , 110, 38-53		33

232	The emerging role of Cardiovascular Magnetic Resonance in the evaluation of hypertensive heart disease. 2017 , 17, 132	18
231	Aging and obesity are associated with undiagnosed hypertension in a cohort of males in the Central Province of Sri Lanka: a cross-sectional descriptive study. 2017 , 17, 165	15
230	Association Between Elevated Pulse Pressure and High Resting Coronary Blood Flow Velocity in Patients With Angiographically Normal Epicardial Coronary Arteries. 2017 , 6,	7
229	Galectin-3 contributes to vascular fibrosis in monocrotaline-induced pulmonary arterial hypertension rat model. 2017 , 31, N/A	15
228	The Pressure of Aging. 2017 , 101, 81-101	23
227	Three-Dimensional and Biomimetic Technology in Cardiac Injury After Myocardial Infarction: Effect of Acellular Devices on Ventricular Function and Cardiac Remodelling. 2017 ,	
226	Amiloride Improves Endothelial Function and Reduces Vascular Stiffness in Female Mice Fed a Western Diet. 2017 , 8, 456	29
225	Vascular aging and subclinical atherosclerosis: why such a "never ending" and challenging story in cardiology?. 2017 , 12, 1339-1345	20
224	Serum resistin as an independent marker of aortic stiffness in patients with coronary artery disease. 2017 , 12, e0183123	12
223	EDITORIAL: Different Aspects of Early Vascular Aging in Hypertension. 2017 , 13, 6-7	3
222	Role of circulating factors in cardiac aging. 2017 , 9, S17-S29	11
221	Smooth Muscle Cell-Mineralocorticoid Receptor as a Mediator of Cardiovascular Stiffness With Aging. 2018 , 71, 609-621	42
220	Relation of blood pressure and organ damage: comparison between feasible, noninvasive central hemodynamic measures and conventional brachial measures. 2018 , 36, 1276-1283	4
219	High sodium intake and arterial stiffness. 2018 , 36, 754-758	4
218	Vascular smooth muscle cells direct extracellular dysregulation in aortic stiffening of hypertensive rats. 2018 , 17, e12748	20
217	Flow-mediated slowing of brachial-radial pulse wave velocity: Methodological aspects and clinical determinants. 2018 , 21, 29	10
216	Role of Thioredoxin in Age-Related Hypertension. 2018 , 20, 6	5
215	Fibrotic Venous Remodeling and Nonmaturation of Arteriovenous Fistulas. 2018 , 29, 1030-1040	21

214	Unsweetening the Heart: Possible Pleiotropic Effects of SGLT2 Inhibitors on Cardio and Cerebrovascular Alterations in Resistant Hypertensive Subjects. 2018 , 31, 274-280		3
213	Innate and adaptive immunity in atherosclerosis. 2018 , 107, 67-67		32
212	Sirtuins and Accelerated Aging in Scleroderma. 2018 , 20, 16		17
211	Trans-anethole prevents hypertension induced by chronic exposure to both restraint stress and nicotine in rats. 2018 , 102, 249-253		8
210	Increased Plasma Galectin-3 Preceding the Development of Delayed Cerebral Infarction and Eventual Poor Outcome in Non-Severe Aneurysmal Subarachnoid Hemorrhage. 2018 , 9, 110-119		28
209	Endocannabinoids modulate G protein-coupled receptor agonist-induced vasoconstriction via a negative feedback mechanism. 2018 , 70, 214-222		3
208	Cellular mechanisms underlying obesity-induced arterial stiffness. 2018 , 314, R387-R398		66
207	Endothelial and kidney function in women with a history of preeclampsia and healthy parous controls: A case control study. <i>Microvascular Research</i> , 2018 , 116, 71-76	3-7	6
206	Physiological and Pathological Vascular Aging. 2018 , 51-72		
205	Biophysical Regulation of Vascular Differentiation and Assembly. 2018 ,		1
204	The role of myeloid-derived suppressor cells (MDSC) in the inflammaging process. 2018 , 48, 1-10		52
203	Preoperative Management of the Geriatric Patient: Frailty and Cognitive Impairment Assessment. 2018 , 36, 599-614		3
202	Positive correlation of the serum angiotensin-like protein 3 levels with the aortic augmentation index in patients with coronary artery disease. 2018 , 14, 231-236		5
201	Extracellular Matrix Macromolecules as Potential Targets of Cardiovascular Pharmacotherapy. 2018 , 81, 209-240		3
200	Elastin, arterial mechanics, and cardiovascular disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H189-H205	5.2	102
199	Angiotensin II Signal Transduction: An Update on Mechanisms of Physiology and Pathophysiology. 2018 , 98, 1627-1738		383
198	Possible Role of Inflammation and Galectin-3 in Brain Injury after Subarachnoid Hemorrhage. 2018 , 8,		31
197	Role of Magnesium Deficiency in Promoting Atherosclerosis, Endothelial Dysfunction, and Arterial Stiffening as Risk Factors for Hypertension. 2018 , 19,		50

196	Large artery stiffness is associated with salt intake in young healthy black but not white adults: the African-PREDICT study. 2018 , 57, 2649-2656		12
195	Age-Related Expression of Human AT1R Variants and Associated Renal Dysfunction in Transgenic Mice. 2018 , 31, 1234-1242		1
194	Vascular smooth muscle cell senescence and age-related diseases: State of the art. 2019 , 1865, 1810-1821		49
193	Abnormalities of vascular histology and collagen fiber configuration in patients with advanced chronic kidney disease. <i>Journal of Vascular Access</i> , 2019 , 20, 31-40	1.8	5
192	Hipertensi3 arterial y ri3. 2019 , 12, 4759-4764		
191	Maintenance of long-term blood pressure control and vascular health by low-dose amiloride-based therapy in hyperaldosteronism. 2019 , 21, 1183-1190		4
190	Long Noncoding Competing Endogenous RNA Networks in Age-Associated Cardiovascular Diseases. 2019 , 20,		30
189	Association of Low Serum Adiponectin Levels with Aortic Arterial Stiffness in Patients with Type 2 Diabetes. 2019 , 8,		4
188	Changes of the coronary arteries and cardiac microvasculature with aging: Implications for translational research and clinical practice. 2019 , 184, 111161		13
187	Dietary Supplementation with Silicon-Enriched Spirulina Improves Arterial Remodeling and Function in Hypertensive Rats. 2019 , 11,		7
186	Sodium Intake and Hypertension. 2019 , 11,		115
185	Role of Aldosterone and Mineralocorticoid Receptor in Cardiovascular Aging. 2019 , 10, 584		26
184	Cardioprotection by spermidine does not depend on structural characteristics of the myocardial microcirculation in aged mice. 2019 , 119, 82-88		2
183	Asiatic acid inhibits cardiac fibrosis through Nrf2/HO-1 and TGF-3/Smads signaling pathways in spontaneous hypertension rats. 2019 , 74, 105712		12
182	Control of lung myofibroblast transformation by monovalent ion transporters. 2019 , 83, 15-43		1
181	Long-term BP control and vascular health in patients with hyperaldosteronism treated with low-dose, amiloride-based therapy. 2019 , 21, 922-928		3
180	Chronic NO Restriction in Hypertensive Rats Increases Abdominal but Not Thoracic Aortic Intrinsic Stiffness via an Augmentation in Profibrotic Materials. <i>International Journal of Hypertension</i> , 2019 , 2019, 8070198	2.4	1
179	Agreement Between Ambulatory and Home Blood Pressure Monitoring in Detecting Nighttime Hypertension and Nondipping Patterns in the General Population. 2019 , 32, 734-741		6

178	Fibrosis/Inflammation of the Cardiovascular System. 2019 , 321-338		
177	Differential effects of inhibition of interleukin 1 and 6 on myocardial, coronary and vascular function. 2019 , 108, 1093-1101		25
176	Pathological Changes in Microvascular Morphology, Density, Size and Responses Following Comorbid Cerebral Injury. 2019 , 11, 47		13
175	Small-Vessel Disease in the Heart and Brain: Current Knowledge, Unmet Therapeutic Need, and Future Directions. 2019 , 8, e011104		37
174	Effectiveness of Chrono-Pharmacotherapy Depending on the Salt Sensitivity of Patients with Arterial Hypertension and Diabetes Mellitus Type 2. 2019 , 14, 846-851		1
173	Vascular Remodeling Markers in Patients with Essential Arterial Hypertension Depending on Presence of Type 2 Diabetes Mellitus. 2019 , 15, 328-334		
172	Upregulation of Transient Receptor Potential Canonical Type 3 Channel via AT1R/TGF-1/Smad2/3 Induces Atrial Fibrosis in Aging and Spontaneously Hypertensive Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 4025496	6.7	7
171	Discoidin domain Receptor 2: A determinant of metabolic syndrome-associated arterial fibrosis in non-human primates. 2019 , 14, e0225911		5
170	New Insights for Cellular and Molecular Mechanisms of Aging and Aging-Related Diseases: Herbal Medicine as Potential Therapeutic Approach. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 4598167	6.7	30
169	Vasorelaxant and antihypertensive effects of Tianshu Capsule on rats: An in vitro and in vivo approach. 2019 , 111, 188-197		14
168	Antihypertensive Drugs and Vascular Health. 2019 , 585-605		
167	Pulse wave velocity to global longitudinal strain ratio in hypertension. 2019 , 49, e13049		20
166	Determinants of Vascular Age: An Epidemiological Perspective. 2019 , 65, 108-118		27
165	Association of galectin-3 with markers of myocardial function, atherosclerosis, and vascular fibrosis in patients with rheumatoid arthritis. 2019 , 42, 62-68		16
164	Constitutive interpretation of arterial stiffness in clinical studies: a methodological review. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 316, H693-H709	5.2	12
163	Chalcone flavokawain A attenuates TGF- β -induced fibrotic pathology via inhibition of ROS/Smad3 signaling pathways and induction of Nrf2/ARE-mediated antioxidant genes in vascular smooth muscle cells. 2019 , 23, 775-788		13
162	The role of the cell-matrix interface in aging and its interaction with the renin-angiotensin system in the aged vasculature. 2019 , 177, 66-73		8
161	Leukocyte matrix metalloproteinase and tissue inhibitor gene expression patterns in children with primary hypertension. 2020 , 34, 355-363		5

160	PTEN (Phosphatase and Tensin Homolog) Protects Against Ang II (Angiotensin II)-Induced Pathological Vascular Fibrosis and Remodeling-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 394-403	9.4	13
159	The Matrisome, Inflammation, and Liver Disease. 2020 , 40, 180-188		13
158	Inhalation exposure to cigarette smoke induces endothelial nitric oxide synthase uncoupling and enhances vascular collagen deposition in streptozotocin-induced diabetic rats. 2020 , 136, 110988		2
157	COVID-19 Razor: RAS Imbalance, the Common Denominator Across Disparate, Unexpected Aspects of COVID-19. 2020 , 13, 3169-3192		4
156	Glucagon-like peptide 1 treatment reverses vascular remodelling by downregulating matrix metalloproteinase 1 expression through inhibition of the ERK1/2/NF- κ B signalling pathway. 2020 , 518, 111005		5
155	Recombinant Human Soluble Thrombomodulin Suppresses Monocyte Adhesion by Reducing Lipopolysaccharide-Induced Endothelial Cellular Stiffening. 2020 , 9,		1
154	New Insights into the Pathophysiology of Primary and Secondary Lymphedema: Histopathological Studies on Human Lymphatic Collecting Vessels. 2020 , 18, 502-509		2
153	Both Small and Large Infrarenal Aortic Size is Associated with an Increased Prevalence of Ischaemic Heart Disease. 2020 , 60, 594-601		0
152	Cerebrovascular function in hypertension: Does high blood pressure make you old?. 2021 , 58, e13654		7
151	The Relationship Between Glycemic Control and Concomitant Hypertension on Arterial Stiffness in Type II Diabetes. 2020 , 16, 343-352		2
150	Roles of MicroRNA-122 in Cardiovascular Fibrosis and Related Diseases. 2020 , 20, 463-473		20
149	Coronary Microvascular Dysfunction. 2020 , 9,		49
148	Matrix Metalloproteinases and Hypertension-Mediated Organ Damage: Current Insights. 2020 , 13, 157-169		3
147	A Review on Recent Advances in Aloperine Research: Pharmacological Activities and Underlying Biological Mechanisms. 2020 , 11, 538137		7
146	The In Vitro Inhibitory Effect of Sivelestat on Elastase Induced Collagen and Metalloproteinase Expression in Equine Endometrium. 2020 , 10,		2
145	Vascular ageing in hypertension: Focus on mitochondria. 2020 , 189, 111267		6
144	The Role of Matrix Metalloproteinases (MMP-2 and MMP-9) in Ageing and Longevity: Focus on Sicilian Long-Living Individuals (LLIs). 2020 , 2020, 8635158		11
143	The liver matrisome - looking beyond collagens. 2020 , 2, 100115		20

142	Associations of inflammatory markers with impaired left ventricular diastolic and systolic function in collagen-induced arthritis. 2020 , 15, e0230657		12
141	Nanomedicine Approaches for Advanced Diagnosis and Treatment of Atherosclerosis and Related Ischemic Diseases. 2020 , 9, e2000336		17
140	Short Sleep Duration is Associated with Central Arterial Stiffness in Children Independent of Other Lifestyle Behaviors. 2020 , 2, 236-245		2
139	Endothelin-1 Downregulates Sulfur Dioxide/Aspartate Aminotransferase Pathway via Reactive Oxygen Species to Promote the Proliferation and Migration of Vascular Smooth Muscle Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 9367673	6.7	7
138	Angiocrine FSTL1 (Follistatin-Like Protein 1) Insufficiency Leads to Atrial and Venous Wall Fibrosis via SMAD3 Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 958-972	9.4	3
137	Renin-Angiotensin System and Alzheimer's Disease Pathophysiology: From the Potential Interactions to Therapeutic Perspectives. 2020 , 27, 484-511		10
136	Vitamin D Attenuates Loss of Endothelial Biomarker Expression in Cardio-Endothelial Cells. 2020 , 21,		1
135	Vascular Extracellular Matrix Remodeling and Hypertension. 2021 , 34, 765-783		9
134	Review of the Techniques Used for Investigating the Role Elastin and Collagen Play in Arterial Wall Mechanics. 2021 , 14, 256-269		4
133	Sex differences in the time course and mechanisms of vascular and cardiac aging in mice: role of the smooth muscle cell mineralocorticoid receptor. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H169-H180	5.2	13
132	Decreased autophagy of vascular smooth muscle cells was involved in hyperhomocysteinemia-induced vascular ageing. 2021 , 48, 524-533		1
131	Effects of Angiotensin II type I receptor shRNA on blood pressure and left ventricular remodeling in spontaneously hypertensive rats. 2021 , 70, 293-301		
130	The relationship of risk factors and heart remodeling in patients with metabolic syndrome and arterial hypertension. 2021 , 19-25		
129	The Role of Oxidative Stress in Cardiovascular Aging and Cardiovascular Diseases. 2021 , 11,		15
128	Transcriptome Analysis of the Anti-TGF β Effect of Fruit Extract and Schisandrin B in A7r5 Vascular Smooth Muscle Cells. 2021 , 11,		3
127	Nanofibrillar Hydrogel Recapitulates Changes Occurring in the Fibrotic Extracellular Matrix. 2021 , 22, 2352-2362		4
126	A Novel Vasoactive Peptide "PG1" from Buffalo Ice-Cream Protects from Angiotensin-Evoked High Blood Pressure. 2021 , 10,		2
125	The Relationship between the Concentration of Magnesium and the Presence of Depressive Symptoms and Selected Metabolic Disorders among Men over 50 Years of Age. 2021 , 11,		

124	The Interaction of Angiotensin II and Milk Fat Globule Epidermal Growth Factor VIII in Proinflammatory Arterial Remodeling.	0
123	Platelet-Derived Extracellular Vesicles Increase Col8a1 Secretion and Vascular Stiffness in Intimal Injury. 2021 , 9, 641763	3
122	Pyroptosis is a critical immune-inflammatory response involved in atherosclerosis. 2021 , 165, 105447	15
121	Using smart speakers to contactlessly monitor heart rhythms. 2021 , 4, 319	6
120	Age-associated proinflammatory elastic fiber remodeling in large arteries. 2021 , 196, 111490	2
119	Elastic tissue disruption is a major pathogenic factor to human vascular disease. 2021 , 48, 4865-4878	5
118	Causes of arterial hypotension during anesthetic induction with propofol investigated with perfusion index and ClearSight™ in young and elderly patients. 2021 , 87, 640-647	1
117	Adipokines and Arterial Stiffness in Obesity. 2021 , 57,	7
116	Blood-brain barrier leakage and perivascular collagen accumulation precede microvessel rarefaction and memory impairment in a chronic hypertension animal model. 2021 , 36, 2553-2566	1
115	Relationship between vascular age and atherosclerosis-related cardiovascular diseases. 2021 , 26, 4540	1
114	Extracellular Matrix Remodeling in Chronic Liver Disease. 2021 , 2, 1-12	5
113	Role of PI3K/Akt signaling pathway in cardiac fibrosis. 2021 , 476, 4045-4059	10
112	Inactivation of Interleukin-4 Receptor β Signaling in Myeloid Cells Protects Mice From Angiotensin II/High Salt-Induced Cardiovascular Dysfunction Through Suppression of Fibrotic Remodeling. 2021 , 10, e017329	2
111	Vascular Mechanobiology: Homeostasis, Adaptation, and Disease. 2021 , 23, 1-27	9
110	Kidney and hypertension in older adults. 2021 , 157, 178-184	
109	Kidney and hypertension in older adults. 2021 , 157, 178-184	0
108	Krüppel-Like Factor 15/Interleukin 11 Axis-Mediated Adventitial Remodeling Depends on Extracellular Signal-Regulated Kinases 1 and 2 Activation in Angiotensin II-Induced Hypertension. 2021 , 10, e020554	2
107	Interleukin-1 β in Multifactorial Hypertension: Inflammation, Vascular Smooth Muscle Cell and Extracellular Matrix Remodeling, and Non-Coding RNA Regulation. 2021 , 22,	4

106	The Causal Relationship between Endothelin-1 and Hypertension: Focusing on Endothelial Dysfunction, Arterial Stiffness, Vascular Remodeling, and Blood Pressure Regulation. 2021 , 11,	12
105	Heart-Ankle Pulse Wave Velocity Is Superior to Brachial-Ankle Pulse Wave Velocity in Detecting Aldosterone-Induced Arterial Stiffness. 2021 , 9,	0
104	Downregulation of microRNA-21 contributes to decreased collagen expression in venous malformations via transforming growth factor- β /Smad3/microRNA-21 signaling feedback loop. 2021 ,	1
103	Sex Differences in Molecular Mechanisms of Cardiovascular Aging. 2021 , 2,	1
102	The mitochondria-targeted antioxidant MitoQ attenuated PM-induced vascular fibrosis via regulating mitophagy. 2021 , 46, 102113	8
101	Is There a Relationship between Endotheline-1, Vascular Cell Adhesion Molecule-1 and the Arterial Hypotension Observed during Spinal Anesthesia?. 2021 , 09, 64-85	
100	Myeloperoxidase Inhibition Decreases the Expression of Collagen and Metalloproteinase in Mare Endometria under In Vitro Conditions. 2021 , 11,	2
99	Mitochondrial dysfunction drives persistent vascular fibrosis in rats after short-term exposure of PM. 2020 , 733, 139135	10
98	Is there any role of renin-angiotensin system inhibitors in modulating inflammatory bowel disease outcome?. 2021 , 33, 364-371	6
97	Endothelial progerin expression causes cardiovascular pathology through an impaired mechanoresponse. 2019 , 129, 531-545	46
96	Rescue Effect of Exercise on Impaired Arteriolar Myogenic Response with Advancing Age. 2017 , 26, 8-16	2
95	Total Panax notoginseng saponin inhibits balloon injury-induced neointimal hyperplasia in rat carotid artery models by suppressing pERK/p38 MAPK pathways. 2020 , 53, e9085	8
94	[Vasoprotective Effects of Prolonged Therapy With Perindopril A in Patients with Hypertension Including Concomitant Type 2 Diabetes Mellitus]. 2020 , 60, 4-9	1
93	Na ⁺ ,K ⁺ -ATPase as a Target for Treatment of Tissue Fibrosis. 2019 , 26, 564-575	7
92	Effects of Aging and Diet on Cardioprotection and Cardiometabolic Risk Markers. 2019 , 25, 3704-3714	6
91	Diabetes Mellitus, Arterial Stiffness and Cardiovascular Disease: Clinical Implications and the Influence of SGLT2i. 2021 , 19, 233-240	10
90	Arterial Aging, Metalloproteinase Regulation, and the Potential of Resistance Exercise. 2018 , 14, 227-232	2
89	Akt/eNOS and MAPK signaling pathways mediated the phenotypic switching of thoracic aorta vascular smooth muscle cells in aging/hypertensive rats. 2018 , 67, 543-553	14

88	The Inhibition of Cathepsin G on Endometrial Explants With Endometriosis in the Mare. 2020 , 7, 582211	2
87	Osteocalcin and carotid-femoral pulse wave velocity in patients on peritoneal dialysis. 2019 , 31, 23-28	3
86	Positive correlation of serum leptin levels and peripheral arterial stiffness in patients with type 2 diabetes. 2018 , 30, 10-14	4
85	Epidemiological analysis of the early 38 fatalities in Hubei, China, of the coronavirus disease 2019. 2020 , 10, 011004	12
84	Epidemiological analysis of the early 38 fatalities in Hubei, China, of the coronavirus disease 2019. 2020 , 10,	8
83	Ginsenoside Rb1 attenuates age-associated vascular impairment by modulating the Gas6 pathway. 2021 , 59, 1369-1377	1
82	A Novel Approach for the Treatment of Nutcracker Syndrome: A Case Report. 2021 ,	
81	. 2018 , 58, 47-57	
80	Hypertension. 2019 , 331-341	
79	Cognitive Decline in Elderly Patients with Hypertensive Heart Disease. 2019 , 1-15	
78	Angiocrine FSTL1 insufficiency leads to atrial and vein wall fibrosis via SMAD3 activation.	
77	Maladaptive neuropathological syndrome of blood vessel aging. 2019 , 33-40	1
76	Osteoprotegerin regulates vascular function through syndecan-1 and NADPH oxidase-derived reactive oxygen species. 2021 , 135, 2429-2444	1
75	Vascular age concept: role in assessing risk and choosing therapy. 2020 , 51-57	
74	Age-Related Diseases. 2020 , 27-51	0
73	Detecting Changes to the Extracellular Matrix in Liver Diseases. 2020 , 43-68	
72	Atherosclerosis. 2020 , 431-533	
71	Cognitive Decline in Elderly Patients with Hypertensive Heart Disease. 2020 , 79-93	

70	Prediction of small-diameter arterial fibrosis in patients with hypertension and primary chronic glomerulonephritis. 2020 , 19, 2491		1
69	Molecular mechanisms underlying gallic acid effects against cardiovascular diseases: An update review. 2020 , 10, 11-23		10
68	Cardiovascular function in 8- to 9-year-old singletons born after ART with frozen and fresh embryo transfer.. 2022 ,		1
67	Enhanced Liver Fibrosis Score as a Biomarker for Vascular Damage Assessment in Patients with Takayasu Arteritis-A Pilot Study.. 2021 , 8,		1
66	PGF2-FP Receptor Ameliorates Senescence of VSMCs in Vascular Remodeling by Src/PAI-1 Signal Pathway.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 2908261	6.7	1
65	Pharmacy and Exercise as Complimentary Partners for Successful Cardiovascular Ageing.. 2022 ,		0
64	Mast cells and basic fibroblast growth factor in physiological aging of rat heart and kidney.. 2022 , 1-15		
63	Smooth muscle mineralocorticoid receptor as an epigenetic regulator of vascular aging.. 2022 ,		2
62	Time-Course of the Human Thoracic Aorta Ageing Process Assessed Using Mechanical Testing and Constitutive Modelling. <i>SSRN Electronic Journal</i> ,	1	
61	To study the dynamics of serum levels of vascular remodeling in patients with hypertension, including in combination with type 2 diabetes mellitus during 12-month therapy with perindopril A.. 2022 , 62, 24-31		
60	Chicken muscle hydrolysate reduces blood pressure in spontaneously hypertensive rats, upregulates ACE2, and ameliorates vascular inflammation, fibrosis, and oxidative stress.. 2022 ,		2
59	In Vivo Evaluation of Gamma-Irradiated and Heparin-Immobilized Small-Diameter Polycaprolactone Vascular Grafts with VEGF in Aged Rats.. 2022 , 14,		0
58	Negative Correlation of Serum Adiponectin Level with Aortic Stiffness in Elderly Diabetic Persons.. 2022 , 19,		
57	Targeting the cytoskeleton and extracellular matrix in cardiovascular disease drug discovery.. 2022 , 1-18		1
56	Hypertension: Potential Player in Cardiovascular Disease Incidence in Preeclampsia.. 2022 , 22, 391		
55	RhoBTB1 reverses established arterial stiffness in angiotensin-II hypertension by promoting actin depolymerization.. 2022 ,		0
54	Changes in Serum Levels of Matrix Metalloproteinase-1 and Tissue Inhibitor of Metalloproteinases-1 in Patients with Essential Hypertension.. 2022 , 9,		1
53	Inhibition of Src improves cardiac fibrosis in AngII-induced hypertrophy by regulating the expression of galectin-3.. <i>Microvascular Research</i> , 2022 , 104347	3.7	1

52	Comparative Effect of Antihypertensive Drugs in Improving Arterial Stiffness in Hypertensive Adults (RIGIPREV Study). A Protocol for Network Meta-Analysis.. 2021 , 18,		
51	Role of homocysteine metabolism in the development of endothelial dysfunction and hypertension in patients with multiple myeloma. 2022 , 26, 4573		
50	Migrasomes. 2022 , 193-202		
49	Bifidobacterium longum CCFM752 prevented hypertension and aortic lesion, improved antioxidative ability, and regulated gut microbiome in spontaneously hypertensive rats. <i>Food and Function</i> ,	6.1	1
48	Mechanisms underlying the effects of caloric restriction on hypertension.. <i>Biochemical Pharmacology</i> , 2022 , 200, 115035	6	0
47	Data_Sheet_1.docx. 2020 ,		
46	Senescence modulation as a key process in the dual role of hyaluronan in cancer. The deforestation allegory.. <i>Glycobiology</i> , 2022 ,	5.8	0
45	Interleukin 10 Attenuates Angiotensin II-Induced Aortic Remodelling by Inhibiting Oxidative Stress-Induced Activation of the Vascular p38 and NF-B Pathways.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 8244497	6.7	0
44	Fruit Juice Modulates ACE2 Immunoexpression and Diminishes Age-Related Remodeling of Coronary Arteries in Rats.. <i>Foods</i> , 2022 , 11,	4.9	
43	Matrix metalloproteinases in vascular pathology. <i>Microvascular Research</i> , 2022 , 104398	3.7	0
42	Stiffening Matrix Induces Age-Mediated Microvascular Phenotype Through Increased Cell Contractility and Destabilization of Adherens Junctions. <i>Advanced Science</i> , 2201483	13.6	1
41	Implications of enigmatic transglutaminase 2 (TG2) in cardiac diseases and therapeutic developments. <i>Biochemical Pharmacology</i> , 2022 , 201, 115104	6	0
40	Aortic distensibility is equal in prepubertal girls and boys and increases with puberty in girls. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> ,	5.2	0
39	High Sucrose Ingestion during a Critical Period of Vessel Development Promotes the Synthetic Phenotype of Vascular Smooth Muscle Cells and Modifies Vascular Contractility Leading to Hypertension in Adult Rats. <i>International Journal of Hypertension</i> , 2022 , 2022, 1-12	2.4	
38	Vascular Aging and Vascular Disease Have Much in Common!. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> ,	9.4	1
37	Relaxin-2 as a Potential Biomarker in Cardiovascular Diseases. <i>Journal of Personalized Medicine</i> , 2022 , 12, 1021	3.6	
36	Adverse Associations of Long-Term Exposure to Ambient Ozone with Molecular Biomarkers of Aging Alleviated by Residential Greenness in Rural Chinese Adults. <i>SSRN Electronic Journal</i> ,	1	
35	Magnesium and Hypertension: Decoding Novel Anti-hypertensives. <i>Cureus</i> , 2022 ,	1.2	

34	Role of platelet factor 4 in arteriovenous fistula maturation failure: What do we know so far?. <i>Journal of Vascular Access</i> , 112972982210854	1.8	
33	Prevalence of a History of Metabolic or Hypertensive Pregnancy Disorder in Patients With Myocardial Infarction and Non-obstructive Coronary Arteries: An Observational Cohort Study. <i>Frontiers in Cardiovascular Medicine</i> , 9,	5.4	
32	Time-course of the human thoracic aorta ageing process assessed using uniaxial mechanical testing and constitutive modelling. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022 , 134, 105339	4.1	○
31	Mechanisms of vascular aging. <i>Bulletin of Siberian Medicine</i> , 2022 , 21, 186-194	0.4	
30	Theories and Molecular Basis of Vascular Aging: A Review of the Literature from VascAgeNet Group on Pathophysiological Mechanisms of Vascular Aging. 2022 , 23, 8672		1
29	Neutrophil extracellular traps accelerate vascular smooth muscle cell proliferation via Akt/CDKN1b/TK1 accompanying with the occurrence of hypertension. Publish Ahead of Print,		
28	Progression of vascular function and blood pressure in a mouse model of Kawasaki disease.		
27	Inflammatory Role of Milk Fat Globule-Epidermal Growth Factor VIII in Age-Associated Arterial Remodeling.		○
26	Hesperidin alleviates vascular dysfunction and remodelling in high-fat/high-fructose diet-fed rats by modulating oxidative stress, inflammation, AdipoR1, and eNOS expression. 2022 , 78, 101901		
25	The adventitia in arterial development, remodeling, and hypertension. 2022 , 205, 115259		○
24	Adverse associations of long-term exposure to ambient ozone with molecular biomarkers of aging alleviated by residential greenness in rural Chinese adults. 2022 , 169, 107496		○
23	A common Matrix metalloproteinase 8 promoter haplotype enhances the risk for hypertension via diminished interactions with nuclear factor kappa B. 2022 , 40, 2147-2160		○
22	PIEZO1 mechanoreceptor activation reduces adipogenesis in perivascular adipose tissue preadipocytes. 13,		○
21	Engineering Smooth Muscle to Understand Extracellular Matrix Remodeling and Vascular Disease. 2022 , 9, 449		○
20	Coronary Microvascular Dysfunction in Diabetes Mellitus: Pathogenetic Mechanisms and Potential Therapeutic Options. 2022 , 10, 2274		2
19	Morbid obesity is associated with hypertrophic outward remodeling and increased stiffness of small conduit arteries: an ultra-high frequency ultrasound study. 2022 ,		○
18	Implication of MR activity in post-treatment arterial stiffness reversal in patients with primary aldosteronism.		○
17	Vein morphometry in end-stage kidney disease: Teasing out the contribution of age, comorbidities, and vintage to chronic wall remodeling. 9,		○

- 16 Berry consumption mitigates the hypertensive effects of a high-fat, high-sucrose diet via attenuation of renal and aortic AT1R expression resulting in improved endothelium-derived NO bioavailability. **2023**, 112, 109225
- 15 Nuclear Factor of Activated T Cells-5 Regulates Notochord Lumenogenesis in Chordate Larval Development. **2022**, 23, 14407
- 14 Prevalence, risk factors, and self-awareness for hypertension and diabetes: rural–urban and male–female dimensions from a cross-sectional study in Ghana.
- 13 The role of angiotensin peptides in the brain during health and disease. **2023**, 749-773
- 12 Accelerated Vascular Aging in Chronic Kidney Disease: The Potential for Novel Therapies. **2023**, 132, 950-969
- 11 A double-edged sword of platelet-derived extracellular vesicles in tissues, injury or repair: The current research overview. **2023**, 82, 102066
- 10 Accelerated ageing and coronary microvascular dysfunction in chronic heart failure in Tgβ⁴⁴ mice.
- 9 Cardiovascular toxicity of tyrosine kinase inhibitors during cancer treatment: Potential involvement of TRPM7. 10,
- 8 Aqueous extract of *Salvia miltiorrhiza* Bunge reduces blood pressure through inhibiting oxidative stress, inflammation and fibrosis of adventitia in primary hypertension. 14,
- 7 Association Between Visceral Fat, Blood Pressure and Arterial Stiffness in Patients with HFpEF: A Mediation Analysis. Volume 16, 653-662
- 6 TGF-βs A Master Regulator of Aging-Associated Tissue Fibrosis. **2023**, 0
- 5 Hypertensive Heart Disease: A Narrative Review SeriesPart 1: Pathophysiology and Microstructural Changes. **2023**, 12, 2606
- 4 Endothelial Cell Dysfunction and Increased Cardiovascular Risk in Patients With Chronic Kidney Disease. **2023**, 132, 970-992
- 3 Biomarkers of aging.
- 2 Signaling pathways in vascular function and hypertension: molecular mechanisms and therapeutic interventions. **2023**, 8,
- 1 Coronary Artery Spasm-Related Heart Failure Syndrome: Literature Review. **2023**, 24, 7530