Alan Daugherty

List of Publications by Citations

282 papers	17,412 citations	69 h-index	123 g-index
343 ext. papers	19,512 ext. citations	7.6 avg, IF	6.67 L-index

#	Paper	IF	Citations
282	Myeloperoxidase, a catalyst for lipoprotein oxidation, is expressed in human atherosclerotic lesions. *Journal of Clinical Investigation*, **1994**, 94, 437-44	15.9	1011
281	Angiotensin II promotes atherosclerotic lesions and aneurysms in apolipoprotein E-deficient mice. *Journal of Clinical Investigation*, **2000**, 105, 1605-12	15.9	981
280	Use of nonsteroidal antiinflammatory drugs: an update for clinicians: a scientific statement from the American Heart Association. *Circulation*, **2007**, 115, 1634-42	16.7	589
279	Abdominal aortic aneurysm: pathogenesis and implications for management. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 2605-13	9.4	432
278	Mouse models of abdominal aortic aneurysms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 429-34	9.4	380
277	Translating molecular discoveries into new therapies for atherosclerosis. *Nature*, **2008**, 451, 904-13	50.4	367
276	Aortic dissection precedes formation of aneurysms and atherosclerosis in angiotensin II-infused, apolipoprotein E-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 1621-6	9.4	338
275	Exogenous interferon-gamma enhances atherosclerosis in apolipoprotein E-/- mice. *American Journal of Pathology*, **2000**, 157, 1819-24	5.8	309
274	Interleukin-18 enhances atherosclerosis in apolipoprotein E(-/-) mice through release of interferon-gamma. *Circulation Research*, **2002**, 90, E34-8	15.7	257
273	Activation of the systemic and adipose renin-angiotensin system in rats with diet-induced obesity and hypertension. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2004**, 287, R943-9	3.2	247
272	Differential effects of doxycycline, a broad-spectrum matrix metalloproteinase inhibitor, on angiotensin II-induced atherosclerosis and abdominal aortic aneurysms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 483-8	9.4	243
271	Antagonism of AT2 receptors augments angiotensin II-induced abdominal aortic aneurysms and atherosclerosis. *British Journal of Pharmacology*, **2001**, 134, 865-70	8.6	219
270	Hypercholesterolemia stimulates angiotensin peptide synthesis and contributes to atherosclerosis through the AT1A receptor. *Circulation*, **2004**, 110, 3849-57	16.7	217
269	The effects of total lymphocyte deficiency on the extent of atherosclerosis in apolipoprotein E-/- mice. *Journal of Clinical Investigation*, **1997**, 100, 1575-80	15.9	208
268	Interleukin-4 deficiency decreases atherosclerotic lesion formation in a site-specific manner in female LDL receptor-/- mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2002**, 22, 456-61	9.4	207
267	Disruption of the cathepsin K gene reduces atherosclerosis progression and induces plaque fibrosis but accelerates macrophage foam cell formation. *Circulation*, **2006**, 113, 98-107	16.7	193
266	Recommendation on Design, Execution, and Reporting of Animal Atherosclerosis Studies: A Scientific Statement From the American Heart Association. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, e131-e157	9.4	184

265	Proinflammatory properties of coplanar PCBs: in vitro and in vivo evidence. *Toxicology and Applied Pharmacology*, **2002**, 181, 174-83	4.6	184
264	Obesity promotes inflammation in periaortic adipose tissue and angiotensin II-induced abdominal aortic aneurysm formation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2009**, 29, 1458-64	9.4	181
263	Mouse models of atherosclerosis. *American Journal of the Medical Sciences*, **2002**, 323, 3-10	2.2	176
262	Apolipoprotein E-containing high density lipoprotein promotes neurite outgrowth and is a ligand for the low density lipoprotein receptor-related protein. *Journal of Biological Chemistry*, **1996**, 271, 30121-5	5.4	174
261	Deletion of p47phox attenuates angiotensin II-induced abdominal aortic aneurysm formation in apolipoprotein E-deficient mice. *Circulation*, **2006**, 114, 404-413	16.7	167
260	Chronic angiotensin II infusion promotes atherogenesis in low density lipoprotein receptor -/- mice. *Annals of the New York Academy of Sciences*, **1999**, 892, 108-18	6.5	164
259	ANG II infusion promotes abdominal aortic aneurysms independent of increased blood pressure in hypercholesterolemic mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 296, H1660-5	5.2	156
258	Renin inhibition reduces hypercholesterolemia-induced atherosclerosis in mice. *Journal of Clinical Investigation*, **2008**, 118, 984-93	15.9	145
257	Attenuation of diet-induced atherosclerosis in rabbits with a highly selective 15-lipoxygenase inhibitor lacking significant antioxidant properties. *British Journal of Pharmacology*, **1997**, 120, 1199-206	8.6	144
256	Vitamin E inhibits abdominal aortic aneurysm formation in angiotensin II-infused apolipoprotein E-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 1671-7	9.4	144
255	Bone marrow transplantation reveals that recipient AT1a receptors are required to initiate angiotensin II-induced atherosclerosis and aneurysms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 380-6	9.4	140
254	Abdominal aortic aneurysms: fresh insights from a novel animal model of the disease. *Vascular Medicine*, **2002**, 7, 45-54	3.3	139
253	IFN-gamma deficiency exerts gender-specific effects on atherogenesis in apolipoprotein E-/- mice. *Journal of Interferon and Cytokine Research*, **2002**, 22, 661-70	3.5	139
252	Quantification of atherosclerosis in mice. *Methods in Molecular Biology*, **2003**, 209, 293-309	1.4	138
251	Apolipoprotein E-deficient mice have impaired innate immune responses to Listeria monocytogenes in vivo. *Journal of Lipid Research*, **1998**, 39, 1740-1743	6.3	135
250	Angiotensin II infusion promotes ascending aortic aneurysms: attenuation by CCR2 deficiency in apoE-/- mice. *Clinical Science*, **2010**, 118, 681-9	6.5	131
249	Nobiletin, a citrus flavonoid isolated from tangerines, selectively inhibits class A scavenger receptor-mediated metabolism of acetylated LDL by mouse macrophages. *Atherosclerosis*, **2005**, 178, 25-32	3.1	128
248	Inflammasome Activation Triggers Blood Clotting and Host Death through Pyroptosis. *Immunity*, **2019**, 50, 1401-1411.e4	32.3	126

247	Lymphocyte populations in atherosclerotic lesions of apoE -/- and LDL receptor -/- mice. Decreasing density with disease progression. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1996**, 16, 1013-8	9.4	126
246	Monocyte tissue factor-dependent activation of coagulation in hypercholesterolemic mice and monkeys is inhibited by simvastatin. *Journal of Clinical Investigation*, **2012**, 122, 558-68	15.9	126
245	Beta-carotene inhibits atherosclerosis in hypercholesterolemic rabbits. *Journal of Clinical Investigation*, **1995**, 96, 2075-82	15.9	125
244	Platelets protect from septic shock by inhibiting macrophage-dependent inflammation via the cyclooxygenase 1 signalling pathway. *Nature Communications*, **2013**, 4, 2657	17.4	122
243	Prolonged infusion of angiotensin II in apoE(-/-) mice promotes macrophage recruitment with continued expansion of abdominal aortic aneurysm. *American Journal of Pathology*, **2011**, 179, 1542-8	5.8	121
242	Probucol attenuates the development of aortic atherosclerosis in cholesterol-fed rabbits. *British Journal of Pharmacology*, **1989**, 98, 612-8	8.6	120
241	Depletion of natural killer cell function decreases atherosclerosis in low-density lipoprotein receptor null mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1049-54	9.4	117
240	COX-2 up-regulation and vascular smooth muscle contractile hyperreactivity in spontaneous diabetic db/db mice. *Cardiovascular Research*, **2005**, 67, 723-35	9.9	114
239	Endothelial cell-specific deficiency of Ang II type 1a receptors attenuates Ang II-induced ascending aortic aneurysms in LDL receptor-/- mice. *Circulation Research*, **2011**, 108, 574-81	15.7	111
238	Angiotensin II-mediated development of vascular diseases. *Trends in Cardiovascular Medicine*, **2004**, 14, 117-20	6.9	107
237	Adipocyte deficiency of angiotensinogen prevents obesity-induced hypertension in male mice. *Hypertension*, **2012**, 60, 1524-30	8.5	106
236	A specific 15-lipoxygenase inhibitor limits the progression and monocyte-macrophage enrichment of hypercholesterolemia-induced atherosclerosis in the rabbit. *Atherosclerosis*, **1998**, 136, 203-16	3.1	106
235	Orchidectomy, but not ovariectomy, regulates angiotensin II-induced vascular diseases in apolipoprotein E-deficient mice. *Endocrinology*, **2004**, 145, 3866-72	4.8	100
234	Abdominal aortic aneurysm: novel mechanisms and therapies. *Current Opinion in Cardiology*, **2015**, 30, 566-73	2.1	99
233	Rapid dilation of the abdominal aorta during infusion of angiotensin II detected by noninvasive high-frequency ultrasonography. *Journal of Vascular Surgery*, **2006**, 44, 372-6	3.5	95
232	Interferon-gamma and the interferon-inducible chemokine CXCL10 protect against aneurysm formation and rupture. *Circulation*, **2009**, 119, 426-35	16.7	91
231	Atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 485-91	9.4	89
230	Mechanisms of abdominal aortic aneurysm formation. *Current Atherosclerosis Reports*, **2002**, 4, 222-7	6	89

229	Structure and functions of angiotensinogen. *Hypertension Research*, **2016**, 39, 492-500	4.7	88
228	Interleukin-4 does not influence development of hypercholesterolemia or angiotensin II-induced atherosclerotic lesions in mice. *American Journal of Pathology*, **2007**, 171, 2040-7	5.8	88
227	T lymphocytes in atherosclerosis: the yin-yang of Th1 and Th2 influence on lesion formation. *Circulation Research*, **2002**, 90, 1039-40	15.7	87
226	Mechanisms of aortic aneurysm formation: translating preclinical studies into clinical therapies. *Heart*, **2014**, 100, 1498-505	5.1	86
225	High density lipoprotein protects against polymicrobe-induced sepsis in mice. *Journal of Biological Chemistry*, **2013**, 288, 17947-53	5.4	84
224	Enhanced development of atherosclerosis in cholesterol-fed rabbits by suppression of cell-mediated immunity. *Journal of Clinical Investigation*, **1995**, 96, 1389-94	15.9	83
223	AGI-1067: a multifunctional phenolic antioxidant, lipid modulator, anti-inflammatory and antiatherosclerotic agent. *Journal of Pharmacology and Experimental Therapeutics*, **2003**, 305, 1116-23	4.7	82
222	Measuring blood pressure in mice using volume pressure recording, a tail-cuff method. *Journal of Visualized Experiments*, **2009**,	1.6	80
221	Androgen increases AT1a receptor expression in abdominal aortas to promote angiotensin II-induced AAAs in apolipoprotein E-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1251-6	9.4	80
220	Scavenger Receptor BI Protects against Septic Death through Its Role in Modulating Inflammatory Response. *Journal of Biological Chemistry*, **2009**, 284, 19826-34	5.4	76
219	Reduction in ABCG1 in Type 2 diabetic mice increases macrophage foam cell formation. *Journal of Biological Chemistry*, **2006**, 281, 21216-21224	5.4	75
218	Macrophage-expressed group IIA secretory phospholipase A2 increases atherosclerotic lesion formation in LDL receptor-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 263-8	9.4	75
217	Sidestream cigarette smoke accelerates atherogenesis in apolipoprotein E-/- mice. *Atherosclerosis*, **2001**, 156, 49-55	3.1	75
216	The effects of probucol on the progression of atherosclerosis in mature Watanabe heritable hyperlipidaemic rabbits. *British Journal of Pharmacology*, **1991**, 103, 1013-8	8.6	74
215	Smooth Muscle Cells Derived From Second Heart Field and Cardiac Neural Crest Reside in Spatially Distinct Domains in the Media of the Ascending Aorta-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1722-1726	9.4	72
214	Acid Sphingomyelinase Deficiency Prevents Diet-induced Hepatic Triacylglycerol Accumulation and Hyperglycemia in Mice. *Journal of Biological Chemistry*, **2009**, 284, 8359-68	5.4	70
213	Pioglitazone-induced reductions in atherosclerosis occur via smooth muscle cell-specific interaction with PPAR{gamma}. *Circulation Research*, **2010**, 107, 953-8	15.7	69
212	Development of experimental designs for atherosclerosis studies in mice. *Methods*, **2005**, 36, 129-38	4.6	68

211	Renin-Angiotensin System and Cardiovascular Functions. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, e108-e116	9.4	67
210	Angiotensin II increases adipose angiotensinogen expression. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 292, E1280-7	6	65
209	Deficiency of the NR4A orphan nuclear receptor NOR1 decreases monocyte adhesion and atherosclerosis. *Circulation Research*, **2010**, 107, 501-11	15.7	64
208	Adipocyte-specific deficiency of angiotensinogen decreases plasma angiotensinogen concentration and systolic blood pressure in mice. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2012**, 302, R244-51	3.2	64
207	Angiotensin II induces a region-specific hyperplasia of the ascending aorta through regulation of inhibitor of differentiation 3. *Circulation Research*, **2010**, 106, 611-9	15.7	63
206	Renal proximal tubule angiotensin AT1A receptors regulate blood pressure. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 301, R1067-77	3.2	63
205	The role of catecholamines in the production of ischaemia-induced ventricular arrhythmias in the rat in vivo and in vitro. *British Journal of Pharmacology*, **1986**, 87, 265-77	8.6	63
204	Peroxisome proliferator-activated receptor ligands reduce aortic dilatation in a mouse model of aortic aneurysm. *Atherosclerosis*, **2010**, 210, 51-6	3.1	62
203	Angiotensin-converting enzyme 2 deficiency in whole body or bone marrow-derived cells increases atherosclerosis in low-density lipoprotein receptor-/- mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 758-65	9.4	62
202	The role of the renin-angiotensin system in aortic aneurysmal diseases. *Current Hypertension Reports*, **2008**, 10, 99-106	4.7	62
201	The use of nonsteroidal anti-inflammatory drugs (NSAIDs): a science advisory from the American Heart Association. *Circulation*, **2005**, 111, 1713-6	16.7	62
200	Angiotensin II induces region-specific medial disruption during evolution of ascending aortic aneurysms. *American Journal of Pathology*, **2014**, 184, 2586-95	5.8	61
199	Dietary fat interacts with PCBs to induce changes in lipid metabolism in mice deficient in low-density lipoprotein receptor. *Environmental Health Perspectives*, **2005**, 113, 83-7	8.4	61
198	Macrophage-derived netrin-1 promotes abdominal aortic aneurysm formation by activating MMP3 in vascular smooth muscle cells. *Nature Communications*, **2018**, 9, 5022	17.4	59
197	MyD88 deficiency attenuates angiotensin II-induced abdominal aortic aneurysm formation independent of signaling through Toll-like receptors 2 and 4. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2813-9	9.4	57
196	Inhibition of cholesteryl ester deposition in macrophages by calcium entry blockers: an effect dissociable from calcium entry blockade. *British Journal of Pharmacology*, **1987**, 91, 113-8	8.6	57
195	Complex pathologies of angiotensin II-induced abdominal aortic aneurysms. *Journal of Zhejiang University: Science B*, **2011**, 12, 624-8	4.5	56
194	Deficiency of scavenger receptor BI leads to impaired lymphocyte homeostasis and autoimmune disorders in mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2543-51	9.4	54

193	Involvement of the renin-angiotensin system in abdominal and thoracic aortic aneurysms. *Clinical Science*, **2012**, 123, 531-43	6.5	54
192	Hypercholesterolemia Induced by a PCSK9 Gain-of-Function Mutation Augments Angiotensin II-Induced Abdominal Aortic Aneurysms in C57BL/6 Mice-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 1753-7	9.4	53
191	Biphasic roles for soluble guanylyl cyclase (sGC) in platelet activation. *Blood*, **2011**, 118, 3670-9	2.2	52
190	Recommendation on Design, Execution, and Reporting of Animal Atherosclerosis Studies: A Scientific Statement From the American Heart Association. *Circulation Research*, **2017**, 121, e53-e79	15.7	51
189	G2A deficiency in mice promotes macrophage activation and atherosclerosis. *Circulation Research*, **2009**, 104, 318-27	15.7	51
188	Transient exposure of neonatal female mice to testosterone abrogates the sexual dimorphism of abdominal aortic aneurysms. *Circulation Research*, **2012**, 110, e73-85	15.7	51
187	Zinc deficiency increases plasma lipids and atherosclerotic markers in LDL-receptor-deficient mice. *Journal of Nutrition*, **2005**, 135, 2114-8	4.1	50
186	Molecular and Pathophysiological Features of Angiotensinogen: A Mini Review. *North American Journal of Medicine & Science*, **2011**, 4, 183-190		50
185	Angiotensinogen Exerts Effects Independent of Angiotensin II. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 256-65	9.4	49
184	Interleukin 4 induces transcription of the 15-lipoxygenase I gene in human endothelial cells. *Journal of Lipid Research*, **2001**, 42, 783-791	6.3	47
183	Mineralocorticoid receptor agonists induce mouse aortic aneurysm formation and rupture in the presence of high salt. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 1568-79	9.4	46
182	TGF-Neutralization Enhances AngII-Induced Aortic Rupture and Aneurysm in Both Thoracic and Abdominal Regions. *PLoS ONE*, **2016**, 11, e0153811	3.7	46
181	Female Mice With an XY Sex Chromosome Complement Develop Severe Angiotensin II-Induced Abdominal Aortic Aneurysms. *Circulation*, **2017**, 135, 379-391	16.7	45
180	Polymorphism of class A scavenger receptors in C57BL/6 mice. *Journal of Lipid Research*, **2000**, 41, 1568-1577	6.3	45
179	Adropin: An endocrine link between the biological clock and cholesterol homeostasis. *Molecular Metabolism*, **2018**, 8, 51-64	8.8	44
178	Novel mechanisms of abdominal aortic aneurysms. *Current Atherosclerosis Reports*, **2012**, 14, 402-12	6	44
177	Smooth muscle cell deletion of low-density lipoprotein receptor-related protein 1 augments angiotensin II-induced superior mesenteric arterial and ascending aortic aneurysms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 155-62	9.4	43
176	Platelet Inhibitors Reduce Rupture in a Mouse Model of Established Abdominal Aortic Aneurysm. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 2032-2041	9.4	43

175	CD14 directs adventitial macrophage precursor recruitment: role in early abdominal aortic aneurysm formation. *Journal of the American Heart Association*, **2013**, 2, e000065	6	43
174	Total lymphocyte deficiency attenuates AngII-induced atherosclerosis in males but not abdominal aortic aneurysms in apoE deficient mice. *Atherosclerosis*, **2010**, 211, 399-403	3.1	43
173	Angiotensin-converting enzyme 2 decreases formation and severity of angiotensin II-induced abdominal aortic aneurysms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 2617-23	9.4	42
172	Deficiency of endogenous acute phase serum amyloid A does not affect atherosclerotic lesions in apolipoprotein E-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 255-61	9.4	42
171	Role of the renin-angiotensin system in the development of abdominal aortic aneurysms in animals and humans. *Annals of the New York Academy of Sciences*, **2006**, 1085, 82-91	6.5	42
170	Class A scavenger receptor-mediated adhesion and internalization require distinct cytoplasmic domains. *Journal of Biological Chemistry*, **2003**, 278, 34219-25	5.4	42
169	Macrophage-specific expression of class A scavenger receptors in LDL receptor□mice decreases atherosclerosis and changes spleen morphology. *Journal of Lipid Research*, **2002**, 43, 1201-1208	6.3	41
168	Single-Cell Transcriptome Analysis Reveals Dynamic Cell Populations and Differential Gene Expression Patterns in Control and Aneurysmal Human Aortic Tissue. *Circulation*, **2020**, 142, 1374-1388	16.7	41
167	Comparative effects of different modes of renin angiotensin system inhibition on hypercholesterolaemia-induced atherosclerosis. *British Journal of Pharmacology*, **2012**, 165, 2000-2008	8.6	40
166	Atherosclerosis and arterial blood pressure in mice. *Current Drug Targets*, **2007**, 8, 1181-9	3	40
165	Conundrum of angiotensin II and TGF-□interactions in aortic aneurysms. *Current Opinion in Pharmacology*, **2013**, 13, 180-5	5.1	39
164	Urokinase-type plasminogen activator deficiency in bone marrow-derived cells augments rupture of angiotensin II-induced abdominal aortic aneurysms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2845-52	9.4	39
163	Short-term interruption of training affects both fasting and post-prandial lipoproteins. *Atherosclerosis*, **1992**, 95, 181-9	3.1	39
162	Augmented urokinase receptor expression in atheroma. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1995**, 15, 37-43	9.4	39
161	Increasing adipocyte lipoprotein lipase improves glucose metabolism in high fat diet-induced obesity. *Journal of Biological Chemistry*, **2015**, 290, 11547-56	5.4	38
160	Depletion of endothelial or smooth muscle cell-specific angiotensin II type 1a receptors does not influence aortic aneurysms or atherosclerosis in LDL receptor deficient mice. *PLoS ONE*, **2012**, 7, e51483	3.7	38
159	Relevance of angiotensin II-induced aortic pathologies in mice to human aortic aneurysms. *Annals of the New York Academy of Sciences*, **2011**, 1245, 7-10	6.5	38
158	Aldosterone does not mediate angiotensin II-induced atherosclerosis and abdominal aortic aneurysms. *British Journal of Pharmacology*, **2005**, 144, 443-8	8.6	38

157	Castration of male mice prevents the progression of established angiotensin II-induced abdominal aortic aneurysms. *Journal of Vascular Surgery*, **2015**, 61, 767-76	3.5	37
156	Group X secretory phospholipase A(2) augments angiotensin II-induced inflammatory responses and abdominal aortic aneurysm formation in apoE-deficient mice. *Atherosclerosis*, **2011**, 214, 58-64	3.1	37
155	Thematic review series: The immune system and atherogenesis. Cytokine regulation of macrophage functions in atherogenesis. *Journal of Lipid Research*, **2005**, 46, 1812-22	6.3	37
154	Subcutaneous Angiotensin II Infusion using Osmotic Pumps Induces Aortic Aneurysms in Mice. *Journal of Visualized Experiments*, **2015**,	1.6	36
153	Protein kinase C-delta mediates adventitial cell migration through regulation of monocyte chemoattractant protein-1 expression in a rat angioplasty model. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 943-54	9.4	35
152	Increased ischemia-reperfusion injury to the heart associated with short-term, diet-induced hypercholesterolemia in rabbits. *Circulation Research*, **1987**, 60, 551-9	15.7	35
151	Doxycycline does not influence established abdominal aortic aneurysms in angiotensin II-infused mice. *PLoS ONE*, **2012**, 7, e46411	3.7	35
150	Interleukin-4 augments acetylated LDL-induced cholesterol esterification in macrophages. *Journal of Lipid Research*, **2000**, 41, 376-383	6.3	35
149	Updates of Recent Aortic Aneurysm Research. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, e83-e90	9.4	35
148	Angiotensin II and abdominal aortic aneurysms. *Current Hypertension Reports*, **2004**, 6, 442-6	4.7	34
147	Regulation of acetylated low density lipoprotein uptake in macrophages by pertussis toxin-sensitive G proteins. *Journal of Lipid Research*, **2000**, 41, 807-813	6.3	33
146	Epidermal growth factor receptor inhibitor protects against abdominal aortic aneurysm in a mouse model. *Clinical Science*, **2015**, 128, 559-65	6.5	32
145	Overexpression of SR-BI by adenoviral vector promotes clearance of apoA-I, but not apoB, in human apoB transgenic mice. *Journal of Lipid Research*, **2002**, 43, 1421-8	6.3	32
144	Deficiency of Endogenous Acute-Phase Serum Amyloid A Protects apoE-/- Mice From Angiotensin II-Induced Abdominal Aortic Aneurysm Formation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1156-65	9.4	30
143	Cilostazol Attenuates Angiotensin II-Induced Abdominal Aortic Aneurysms but Not Atherosclerosis in Apolipoprotein E-Deficient Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 903-912	9.4	30
142	Regional variation in aortic AT1b receptor mRNA abundance is associated with contractility but unrelated to atherosclerosis and aortic aneurysms. *PLoS ONE*, **2012**, 7, e48462	3.7	30
141	Membrane cholesterol modulates the fluid shear stress response of polymorphonuclear leukocytes via its effects on membrane fluidity. *American Journal of Physiology - Cell Physiology*, **2011**, 301, C451-60	5.4	30
140	Lipoprotein oxidation as a mediator of atherogenesis: insights from pharmacological studies. *Cardiovascular Research*, **1995**, 29, 297-311	9.9	30

139	Aortic Aneurysms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, e59-e65	9.4	29
138	Associations of ApoAI and ApoB-containing lipoproteins with AngII-induced abdominal aortic aneurysms in mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1826-34	9.4	29
137	(Pro)renin Receptor Inhibition Reprograms Hepatic Lipid Metabolism and Protects Mice From Diet-Induced Obesity and Hepatosteatosis. *Circulation Research*, **2018**, 122, 730-741	15.7	29
136	Scavenger receptors are present on rabbit aortic endothelial cells in vivo. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 2369-75	9.4	29
135	Angiotensin II and Abdominal Aortic Aneurysms: An update. *Current Pharmaceutical Design*, **2015**, 21, 4035-48	3.3	28
134	Role of myeloperoxidase in abdominal aortic aneurysm formation: mitigation by taurine. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H1168-H1179	5.2	27
133	Fibroblast Angiotensin II Type 1a Receptors Contribute to Angiotensin II-Induced Medial Hyperplasia in the Ascending Aorta. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1995-2002	9.4	27
132	Regulation of peroxisome proliferator-activated receptor-γ by angiotensin II via transforming growth factor-β1-activated p38 mitogen-activated protein kinase in aortic smooth muscle cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 397-405	9.4	27
131	Zinc deficiency alters lipid metabolism in LDL receptor deficient mice treated with rosiglitazone. *Journal of Nutrition*, **2007**, 137, 2339-45	4.1	27
130	Angiotensin II infusion induces site-specific intra-laminar hemorrhage in macrophage colony-stimulating factor-deficient mice. *Atherosclerosis*, **2006**, 186, 282-90	3.1	26
129	Citrullus lanatus SentinelR(watermelon) extract reduces atherosclerosis in LDL receptor-deficient mice. *Journal of Nutritional Biochemistry*, **2013**, 24, 882-6	6.3	25
128	Role of metabolism and receptor responsiveness in the attenuated responses to Angiotensin II in mice compared to rats. *Regulatory Peptides*, **2004**, 117, 107-16		25
127	Effects of Renin-Angiotensin Inhibition on ACE2 (Angiotensin-Converting Enzyme 2) and TMPRSS2 (Transmembrane Protease Serine 2) Expression: Insights Into COVID-19. *Hypertension*, **2020**, 76, e29-e30	8.5	25
126	Angiotensinogen and Megalin Interactions Contribute to Atherosclerosis-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 150-155	9.4	25
125	Deletion of BMAL1 in Smooth Muscle Cells Protects Mice From Abdominal Aortic Aneurysms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 1063-1075	9.4	24
124	Allergic Lung Inflammation Aggravates Angiotensin II-Induced Abdominal Aortic Aneurysms in Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 69-77	9.4	24
123	Chinese red yeast rice attenuates the development of angiotensin II-induced abdominal aortic aneurysm and atherosclerosis. *Journal of Nutritional Biochemistry*, **2012**, 23, 549-56	6.3	24
122	PD123319 augments angiotensin II-induced abdominal aortic aneurysms through an AT2 receptor-independent mechanism. *PLoS ONE*, **2013**, 8, e61849	3.7	24

121	Metabolism of very low density lipoproteins after cessation of cholesterol feeding in rabbits. A factor potentially contributing to the slow regression of atheromatous plaques. *Journal of Clinical Investigation*, **1986**, 77, 1108-15	15.9	24
120	Alpha(1,3)fucosyltransferases FucT-IV and FucT-VII control susceptibility to atherosclerosis in apolipoprotein E-/- mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1897-903	9.4	23
119	Immunostaining of mouse atherosclerotic lesions. *Methods in Molecular Medicine*, **2007**, 139, 77-94		23
118	LRP1 (Low-Density Lipoprotein Receptor-Related Protein 1) Regulates Smooth Muscle Contractility by Modulating Ca Signaling and Expression of Cytoskeleton-Related Proteins. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 2651-2664	9.4	23
117	Contributions of leukocyte angiotensin-converting enzyme to development of atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2075-80	9.4	22
116	Sex Chromosome Complement Defines Diffuse Versus Focal Angiotensin II-Induced Aortic Pathology. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 143-153	9.4	22
115	Deficiency of the NR4A orphan nuclear receptor NOR1 in hematopoietic stem cells accelerates atherosclerosis. *Stem Cells*, **2014**, 32, 2419-29	5.8	21
114	Statins exert differential effects on angiotensin II-induced atherosclerosis, but no benefit for abdominal aortic aneurysms. *Atherosclerosis*, **2011**, 217, 90-6	3.1	21
113	Freunds adjuvant alone is antiatherogenic in apoE-deficient mice and specific immunization against TNFalpha confers no additional benefit. *Atherosclerosis*, **2001**, 158, 87-94	3.1	21
112	Modes of defining atherosclerosis in mouse models: relative merits and evolving standards. *Methods in Molecular Biology*, **2009**, 573, 1-15	1.4	21
111	Recent highlights of ATVB: aneurysms. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 691-4	9.4	20
110	Cys18-Cys137 disulfide bond in mouse angiotensinogen does not affect AngII-dependent functions in vivo. *Hypertension*, **2015**, 65, 800-5	8.5	20
109	Scavenger receptor BI and high-density lipoprotein regulate thymocyte apoptosis in sepsis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 966-75	9.4	20
108	Mouse peritoneal macrophages contain abundant omega-6 lipoxygenase activity that is independent of interleukin-4. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1996**, 16, 1488-94	9.4	20
107	Macrophage-specific expression of class A scavenger receptors enhances granuloma formation in the absence of increased lipid deposition. *Journal of Lipid Research*, **2001**, 42, 1049-1055	6.3	20
106	Deficiency of receptor-associated protein attenuates angiotensin II-induced atherosclerosis in hypercholesterolemic mice without influencing abdominal aortic aneurysms. *Atherosclerosis*, **2012**, 220, 375-80	3.1	18
105	Deficiency of angiotensin type 1a receptors in adipocytes reduces differentiation and promotes hypertrophy of adipocytes in lean mice. *Endocrinology*, **2012**, 153, 4677-86	4.8	18
104	Differential effects of dietary sodium intake on blood pressure and atherosclerosis in hypercholesterolemic mice. *Journal of Nutritional Biochemistry*, **2013**, 24, 49-53	6.3	18

103	Weight loss in obese C57BL/6 mice limits adventitial expansion of established angiotensin II-induced abdominal aortic aneurysms. *American Journal of Physiology - Heart and Circulatory Physiology*, **2010**, 298, H1932-8	5.2	18
102	Paradoxical reduction of atherosclerosis in apoE-deficient mice with obesity-related type 2 diabetes. *Cardiovascular Research*, **2003**, 59, 854-62	9.9	18
101	Exogenous 17-β estradiol administration blunts progression of established angiotensin II-induced abdominal aortic aneurysms in female ovariectomized mice. *Biology of Sex Differences*, **2015**, 6, 12	9.3	17
100	Asthma Associates With Human Abdominal Aortic Aneurysm and Rupture. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 570-8	9.4	17
99	C323 of SR-BI is required for SR-BI-mediated HDL binding and cholesteryl ester uptake. *Journal of Lipid Research*, **2011**, 52, 2272-2278	6.3	17
98	The role of cholesterol accumulation in prosthetic vascular graft anastomotic intimal hyperplasia. *Journal of Vascular Surgery*, **1994**, 19, 435-45	3.5	17
97	Atherogenic and pulmonary responses of ApoE- and LDL receptor-deficient mice to sidestream cigarette smoke. *Toxicology*, **2012**, 299, 133-8	4.4	16
96	Near-infrared spectrometry of abdominal aortic aneurysm in the ApoE-/- mouse. *Analytical Chemistry*, **2003**, 75, 3650-5	7.8	16
95	Mas receptor deficiency augments angiotensin II-induced atherosclerosis and aortic aneurysm ruptures in hypercholesterolemic male mice. *Journal of Vascular Surgery*, **2019**, 70, 1658-1668.e1	3.5	15
94	Pulmonary and atherogenic effects of multi-walled carbon nanotubes (MWCNT) in apolipoprotein-E-deficient mice. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2015**, 78, 244-53	3.2	15
93	Telomerase deficiency in bone marrow-derived cells attenuates angiotensin II-induced abdominal aortic aneurysm formation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 253-60	9.4	15
92	Augmentation of the renin-angiotensin system by hypercholesterolemia promotes vascular diseases. *Future Lipidology*, **2008**, 3, 625-636		14
91	Dependence of metabolic and structural heterogeneity of cholesterol ester-rich very low density lipoproteins on the duration of cholesterol feeding in rabbits. *Journal of Clinical Investigation*, **1988**, 82, 562-70	15.9	14
90	Macrophage-specific expression of class A scavenger receptors in LDL receptor(-/-) mice decreases atherosclerosis and changes spleen morphology. *Journal of Lipid Research*, **2002**, 43, 1201-8	6.3	14
89	Updates on Approaches for Studying Atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, e108-e117	9.4	13
88	Circadian disruption with constant light exposure exacerbates atherosclerosis in male ApolipoproteinE-deficient mice. *Scientific Reports*, **2020**, 10, 9920	4.9	13
87	Angiotensin-Converting Enzyme in Smooth Muscle Cells Promotes Atherosclerosis-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 1085-9	9.4	13
86	Ultrasound Imaging of the Thoracic and Abdominal Aorta in Mice to Determine Aneurysm Dimensions. *Journal of Visualized Experiments*, **2019**,	1.6	12

85	Aortic Aneurysms and Dissections Series. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, e37-e46	9.4	12
84	Complying With the National Institutes of Health Guidelines and Principles for Rigor and Reproducibility: Refutations. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 1303-4	9.4	12
83	Angiotensinogen in hepatocytes contributes to Western diet-induced liver steatosis. *Journal of Lipid Research*, **2019**, 60, 1983-1995	6.3	12
82	Imaging of thrombi with tissue-type plasminogen activator rendered enzymatically inactive and conjugated to a residualizing label. *Circulation*, **1992**, 85, 288-97	16.7	12
81	Relaxin and Matrix Metalloproteinase-9 in Angiotensin II-Induced Abdominal Aortic Aneurysms. *Circulation Journal*, **2017**, 81, 888-890	2.9	11
80	CD40L Deficiency Protects Against Aneurysm Formation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 1076-1085	9.4	11
79	Amlodipine reduces AngII-induced aortic aneurysms and atherosclerosis in hypercholesterolemic mice. *PLoS ONE*, **2013**, 8, e81743	3.7	11
78	Genetic variants of the Renin Angiotensin system: effects on atherosclerosis in experimental models and humans. *Current Atherosclerosis Reports*, **2010**, 12, 167-73	6	11
77	Dietary coenzyme Q10 does not protect against cigarette smoke-augmented atherosclerosis in apoE-deficient mice. *Free Radical Biology and Medicine*, **2010**, 48, 1535-9	7.8	11
76	Heterogeneity of Aortic Smooth Muscle Cells: A Determinant for Regional Characteristics of Thoracic Aortic Aneurysms?. *Journal of Translational Internal Medicine*, **2018**, 6, 93-96	3	11
75	Exome-wide evaluation of rare coding variants using electronic health records identifies new gene-phenotype associations. *Nature Medicine*, **2021**, 27, 66-72	50.5	11
74	Aortic Strain Correlates with Elastin Fragmentation in Fibrillin-1 Hypomorphic Mice. *Circulation Reports*, **2019**, 1, 199-205	0.7	10
73	Telemetric Blood Pressure Assessment in Angiotensin II-Infused ApoE-/- Mice: 28 Day Natural History and Comparison to Tail-Cuff Measurements. *PLoS ONE*, **2015**, 10, e0130723	3.7	10
72	Macrophage colony-stimulating factor rapidly enhances beta-migrating very low density lipoprotein metabolism in macrophages through activation of a Gi/o protein signaling pathway. *Journal of Biological Chemistry*, **2000**, 275, 35807-13	5.4	10
71	Probucol reduces the cellularity of aortic intimal thickening at anastomotic regions adjacent to prosthetic grafts in cholesterol-fed rabbits. *Arteriosclerosis and Thrombosis: A Journal of Vascular Biology*, **1994**, 14, 162-7		10
70	Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. *Journal of Experimental Medicine*, **2021**, 218,	16.6	10
69	Interleukin-4 deficiency promotes gallstone formation. *Journal of Lipid Research*, **2002**, 43, 768-71	6.3	10
68	Antisense oligonucleotides targeting angiotensinogen: insights from animal studies. *Bioscience Reports*, **2019**, 39,	4.1	9

67	Shear-sensitive regulation of neutrophil flow behavior and its potential impact on microvascular blood flow dysregulation in hypercholesterolemia. *Arteriosclerosis, Thrombosis, and Vascular Biology* , **2014**, 34, 587-93	9.4	9
66	Interleukin-4 deficiency promotes gallstone formation. *Journal of Lipid Research*, **2002**, 43, 768-771	6.3	9
65	Deletion of the NR4A nuclear receptor NOR1 in hematopoietic stem cells reduces inflammation but not abdominal aortic aneurysm formation. *BMC Cardiovascular Disorders*, **2017**, 17, 271	2.3	8
64	Noninvasive quantification of postocclusive reactive hyperemia in mouse thigh muscle by near-infrared diffuse correlation spectroscopy. *Applied Optics*, **2013**, 52, 7324-30	0.2	8
63	Ghrelin Receptor Deficiency does not Affect Diet-Induced Atherosclerosis in Low-Density Lipoprotein Receptor-Null Mice. *Frontiers in Endocrinology*, **2011**, 2, 67	5.7	8
62	Aortic aneurysms in Loeys-Dietz syndrome - a tale of two pathways?. *Journal of Clinical Investigation* , **2014**, 124, 79-81	15.9	8
61	Effects of Renin-Angiotensin Inhibition on ACE2 and TMPRSS2 Expression: Insights into COVID-19 **2020**,		8
60	Untargeted metabolomics identifies succinate as a biomarker and therapeutic target in aortic aneurysm and dissection. *European Heart Journal*, **2021**, 42, 4373-4385	9.5	8
59	AT1 receptor antagonism to reduce aortic expansion in Marfan syndrome: lost in translation or in need of different interpretation?. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, e10-2	9.4	7
58	Aortic Aneurysms and Dissections Series: Part II: Dynamic Signaling Responses in Aortic Aneurysms and Dissections. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, e78-e86	9.4	6
57	Lipopolysaccharide decreases scavenger receptor mRNA in vivo. *Journal of Interferon and Cytokine Research*, **1997**, 17, 573-9	3.5	6
56	Hypercholesterolemia Accelerates Both the Initiation and Progression of Angiotensin II-induced Abdominal Aortic Aneurysms **2020**, 6,		6
55	Dynamin-related protein 1 inhibition reduces hepatic PCSK9 secretion. *Cardiovascular Research*, **2021**, 117, 2340-2353	9.9	6
54	Reporting Sex and Sex Differences in Preclinical Studies. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, e171-e184	9.4	6
53	Pathogenesis of Atherosclerotic Lesions. *Cardiology in Review*, **1993**, 1, 157-166	3.2	5
52	Exogenous Vasohibin-2 Exacerbates Angiotensin II-Induced Ascending Aortic Dilation in Mice. *Circulation Reports*, **2019**, 1, 155-161	0.7	5
51	Megalin: A bridge connecting kidney, the renin-angiotensin system, and atherosclerosis. *Pharmacological Research*, **2020**, 151, 104537	10.2	5
50	SR-BI (Scavenger Receptor Class B Type 1) Is Critical in Maintaining Normal T-Cell Development and Enhancing Thymic Regeneration. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 2706-2717	9.4	5

49	Ginkgo biloba extracts prevent aortic rupture in angiotensin II-infused hypercholesterolemic mice. *Acta Pharmacologica Sinica*, **2019**, 40, 192-198	8	4
48	Carbachol and dibutyryl cyclic GMP on the vulnerability to ventricular fibrillation in rat isolated hearts. *British Journal of Pharmacology*, **1985**, 85, 621-7	8.6	4
47	Roles of lipoproteins in the initiation and development of atherosclerosis **1985**, 31, 237-55		4
46	Calcium and calcium slow channel antagonists on cyclic nucleotide levels in the isolated rat heart. *Journal of Molecular and Cellular Cardiology*, **1981**, 13, 843-54	5.8	4
45	Annual Report on Sex in Preclinical Studies: Publications in 2018. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, e1-e9	9.4	4
44	Loss of Hepatic Angiotensinogen Attenuates Sepsis-Induced Myocardial Dysfunction. *Circulation Research*, **2021**, 129, 547-564	15.7	4
43	A Color Segmentation-Based Method to Quantify Atherosclerotic Lesion Compositions with Immunostaining. *Methods in Molecular Biology*, **2017**, 1614, 21-30	1.4	3
42	Renal Angiotensinogen Is Predominantly Liver Derived in Nonhuman Primates. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 2851-2853	9.4	3
41	One amino acid change of Angiotensin II diminishes its effects on abdominal aortic aneurysm. *Bioscience Reports*, **2019**, 39,	4.1	2
40	Single-Cell Analysis of Aneurysmal Aortic Tissue in Patients with Marfan Syndrome Reveals Dysfunctional TGF-Signaling.. *Genes*, **2021**, 13,	4.2	2
39	Monosomy X in Female Mice Influences the Regional Formation and Augments the Severity of Angiotensin II-Induced Aortopathies. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 269-283	9.4	2
38	Two Amino Acids Proximate to the Renin Cleavage Site of Human Angiotensinogen Do Not Affect Blood Pressure and Atherosclerosis in Mice-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 2108-2113	9.4	2
37	Ultrasound Monitoring of Descending Aortic Aneurysms and Dissections in Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 2557-2559	9.4	2
36	Authentication of In Situ Measurements for Thoracic Aortic Aneurysms in Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 2117-2119	9.4	2
35	Response by Daugherty et al to Letter Regarding Article, "Consideration of Sex Differences in Design and Reporting of Experimental Arterial Pathology Studies: A Statement From the Council". *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, e101-e102	9.4	2
34	No Effect of Hypercholesterolemia on Elastase-Induced Experimental Abdominal Aortic Aneurysm Progression. *Biomolecules*, **2021**, 11,	5.9	2
33	Deletion of AT1a (Angiotensin II Type 1a) Receptor or Inhibition of Angiotensinogen Synthesis Attenuates Thoracic Aortopathies in Fibrillin1 Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 2538-2550	9.4	2
32	Macrophage-mediated mechanisms in atherosclerosis: still tangled. *Current Opinion in Lipidology*, **2017**, 28, 286-287	4.4	1

31	Angiotensin I Infusion Reveals Differential Effects of Angiotensin-Converting Enzyme in Aortic Resident Cells on Aneurysm Formation. *Circulation Journal*, **2020**, 84, 825-829	2.9	1
30	SR-BI (Scavenger Receptor BI), Not LDL (Low-Density Lipoprotein) Receptor, Mediates Adrenal Stress Response-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 1830-1837	9.4	1
29	Atherosclerosis: cell biology and lipoproteins. *Current Opinion in Lipidology*, **2006**, 17, 705-7	4.4	1
28	Twenty Years of Studying AngII (Angiotensin II)-Induced Abdominal Aortic Pathologies in Mice: Continuing Questions and Challenges to Provide Insight Into the Human Disease.. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2022**, ATVBAHA121317058	9.4	1
27	Aminopropionitrile-induced aortic aneurysm and dissection in mice.. *JVS Vascular Science*, **2022**, 3, 64-72	1.3	1
26	Vasohibin-2 Aggravates Development of Ascending Aortic Aneurysms but not Abdominal Aortic Aneurysms nor Atherosclerosis in ApoE-Deficient Mice. *American Journal of Hypertension*, **2021**, 34, 467-475	2.2	1
25	Hypercholesterolemia Accelerates Both the Initiation and Progression of Angiotensin II-induced Abdominal Aortic Aneurysms		1
24	Effects of Endogenous Angiotensin II on Abdominal Aortic Aneurysms and Atherosclerosis in Angiotensin II-Infused Mice. *Journal of the American Heart Association*, **2021**, 10, e020467	6	1
23	Perspectives on Cognitive Phenotypes and Models of Vascular Disease.. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2022**, 101161ATVBAHA122317395	9.4	1
22	Calcification in atherosclerotic lesions. *Current Opinion in Lipidology*, **2016**, 27, 543-4	4.4	0
21	Insights into ascending aortic aneurysm pathogenesis using in vivo and ex vivo imaging systems in angiotensin II-infused mice. *Journal of Thoracic Disease*, **2016**, 8, E822-4	2.6	0
20	Single-cell transcriptomics as a building block for determining mechanistic insight of abdominal aortic aneurysm formation. *Cardiovascular Research*, **2021**, 117, 1243-1244	9.9	0
19	Forty-Year Anniversary of. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 2353-2356	9.4	0
18	From unbiased transcriptomics to understanding the molecular basis of atherosclerosis. *Current Opinion in Lipidology*, **2021**, 32, 328-329	4.4	0
17	Recipients of the 2017 Early Career Investigator Awards. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 737	9.4	
16	Recipients of the 2020 Early Career Investigator Awards. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 1017	9.4	
15	American Heart Association Vascular Disease Strategically Focused Research Network. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, e47-e54	9.4	
14	Recipients of the 2018 Early Career Investigator Awards. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 977-977	9.4	

13	Diverse contributions from the initial discovery of mechanisms of angiotensin II-induced oxidation in smooth muscle cells. *Circulation Research*, **2013**, 113, 1283-5	15.7
12	Recipients of the 2015 Early Career Investigator Awards. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1045-1045	9.4
11	Changes at the ATVB Journal. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 3-3	9.4
10	Recipients of the 2013 ATVB Early Career Awards. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 881-881	9.4
9	The New ATVB Editorial Team. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 1545-1545	9.4
8	Commentary. Angiotensin converting enzyme inhibitors and aortic rupture: population based case control study. *Perspectives in Vascular Surgery and Endovascular Therapy*, **2007**, 19, 342-4	
7	Web of Science® Citation Median Metrics Overcome the Major Constraints of the Journal Impact Factor.. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2022**, ATVBAHA122317426	9.4
6	Mechanisms of the Renin Angiotensin System Influencing Atherosclerosis207-219	
5	Angiotensin II-Induced Aortic Aneurysms in Mice **2016**, 197-210	
4	Platelets Protect From Lipopolysaccharide-Induced Lethal Endotoxemia by Inhibiting Macrophage-Dependent Inflammation Via the Cyclooxygenase 1 (COX1) Signaling Pathway. *Blood*, **2012**, 120, 93-93	2.2
3	Bitter Melon (L.) Supplementation Has No Effect on Hypercholesterolemia and Atherosclerosis in Mice. *Current Developments in Nutrition*, **2020**, 4, nzaa148	0.4
2	Ultrasound Monitoring of Thymus Involution in Septic Mice. *Ultrasound in Medicine and Biology*, **2021**, 47, 769-776	3.5
1	(Pro)renin Receptor Inhibition Reduces Plasma Cholesterol and Triglycerides but Does Not Attenuate Atherosclerosis in Atherosclerotic Mice.. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 725203	5.4