Alan Daugherty

List of Publications by Year
in descending order

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424	22,692	8446	13250
papers	citations	76 h-index	132 g-index

497	497	497	32271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Angiotensin II promotes atherosclerotic lesions and aneurysms in apolipoprotein Eâ€“deficient mice. Journal of Clinical Investigation, 2000, 105, 1605-1612.	8.2	1,185
2	Use of Nonsteroidal Antiinflammatory Drugs. Circulation, 2007, 115, 1634-1642.	9.3	709
3	Translating molecular discoveries into new therapies for atherosclerosis. Nature, 2008, 451, 904-913.	36.2	443
4	Mouse Models of Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 429-434.	4.7	442
5	Temporal variability in soil microbial communities across land-use types. ISME Journal, 2013, 7, 1641-1650.	10.0	433
6	Aortic Dissection Precedes Formation of Aneurysms and Atherosclerosis in Angiotensin II-Infused, Apolipoprotein E-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1621-1626.	4.7	384
7	Spaced stimuli stabilize MAPK pathway activation and its effects on dendritic morphology. Nature Neuroscience, 2001, 4, 151-158.	14.5	357
8	Exogenous Interferon-Î³ Enhances Atherosclerosis in Apolipoprotein Eâ^'/â^' Mice. American Journal of Pathology, 2000, 157, 1819-1824.	4.1	350
9	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-R949.	1.9	286
10	Differential Effects of Doxycycline, a Broad-Spectrum Matrix Metalloproteinase Inhibitor, on Angiotensin IIâ€“Induced Atherosclerosis and Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 483-488.	4.7	284
11	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.	4.7	274
12	Inflammasome Activation Triggers Blood Clotting and Host Death through Pyroptosis. Immunity, 2019, 50, 1401-1411.e4.	14.2	272
13	Obesity Promotes Inflammation in Periaortic Adipose Tissue and Angiotensin II-Induced Abdominal Aortic Aneurysm Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1458-1464.	4.7	228
14	Proinflammatory Properties of Coplanar PCBs: In Vitro and in Vivo Evidence. Toxicology and Applied Pharmacology, 2002, 181, 174-183.	2.9	222
15	Fungi vs. Fungi in Biocontrol: An Overview of Fungal Antagonists Applied Against Fungal Plant Pathogens. Frontiers in Cellular and Infection Microbiology, 2020, 10, 604923.	4.0	210
16	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, 30121-30125.	3.5	199
17	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-H1665.	3.4	197
18	Mouse Models of Atherosclerosis. American Journal of the Medical Sciences, 2002, 323, 3-10.	1.1	194

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19	Deletion of p47 phox Attenuates Angiotensin IIâ€“Induced Abdominal Aortic Aneurysm Formation in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2006, 114, 404-413.	9.3	192
20	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.	9.3	176
21	Regulated intramembrane proteolysis of amyloid precursor protein and regulation of expression of putative target genes. EMBO Reports, 2006, 7, 739-745.	5.1	175
22	Vitamin E Inhibits Abdominal Aortic Aneurysm Formation in Angiotensin IIâ€“Infused Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1671-1677.	4.7	168
23	Apolipoprotein E-deficient mice have impaired innate immune responses to Listeria monocytogenes in vivo. Journal of Lipid Research, 1998, 39, 1740-1743.	4.2	164
24	Angiotensin II infusion promotes ascending aortic aneurysms: attenuation by CCR2 deficiency in apoEâ^'/â^' mice. Clinical Science, 2010, 118, 681-689.	4.3	162
25	IFN-Î³Deficiency Exerts Gender-Specific Effects on Atherogenesis in Apolipoprotein E^{-/-}Mice. Journal of Interferon and Cytokine Research, 2002, 22, 661-670.	1.3	161
26	Platelets protect from septic shock by inhibiting macrophage-dependent inflammation via the cyclooxygenase 1 signalling pathway. Nature Communications, 2013, 4, 2657.	13.2	161
27	Prolonged Infusion of Angiotensin II in apoEâ^'/â^' Mice Promotes Macrophage Recruitment with Continued Expansion of Abdominal Aortic Aneurysm. American Journal of Pathology, 2011, 179, 1542-1548.	4.1	156
28	Abdominal aortic aneurysms: fresh insights from a novel animal model of the disease. Vascular Medicine, 2002, 7, 45-54.	2.0	155
29	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.	0.8	152
30	Monocyte tissue factorâ€“dependent activation of coagulation in hypercholesterolemic mice and monkeys is inhibited by simvastatin. Journal of Clinical Investigation, 2012, 122, 558-568.	8.2	152
31	Structure and functions of angiotensinogen. Hypertension Research, 2016, 39, 492-500.	2.8	151
32	Quantification of Atherosclerosis in Mice. Methods in Molecular Biology, 2003, 209, 293-310.	0.0	147
33	Lymphocyte Populations in Atherosclerotic Lesions of ApoE â^'/â^' and LDL Receptor â^'/â^' Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 1996, 16, 1013-1018.	4.7	147
34	Endothelial Cellâ€“Specific Deficiency of Ang II Type 1a Receptors Attenuates Ang IIâ€“Induced Ascending Aortic Aneurysms in LDL Receptor ^{â^'/â^'} Mice. Circulation Research, 2011, 108, 574-581.	10.7	135
35	Depletion of Natural Killer Cell Function Decreases Atherosclerosis in Low-Density Lipoprotein Receptor Null Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1049-1054.	4.7	133
36	COX-2 Up-regulation and vascular smooth muscle contractile hyperreactivity in spontaneous diabetic / mice. Cardiovascular Research, 2005, 67, 723-735.	3.7	129

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37	Adipocyte Deficiency of Angiotensinogen Prevents Obesity-Induced Hypertension in Male Mice. Hypertension, 2012, 60, 1524-1530.	5.2	128
38	Effect of ensiling and silage additives on biogas production and microbial community dynamics during anaerobic digestion of switchgrass. Bioresource Technology, 2017, 241, 349-359.	9.7	128
39	Test on application of distributed fiber optic sensing technique into soil slope monitoring. Landslides, 2009, 6, 61-68.	5.6	123
40	Macrophage-derived netrin-1 promotes abdominal aortic aneurysm formation by activating MMP3 in vascular smooth muscle cells. Nature Communications, 2018, 9, 5022.	13.2	119
41	Orchidectomy, But Not Ovariectomy, Regulates Angiotensin II-Induced Vascular Diseases in Apolipoprotein E-Deficient Mice. Endocrinology, 2004, 145, 3866-3872.	2.8	118
42	Measuring Blood Pressure in Mice using Volume Pressure Recording, a Tail-cuff Method. Journal of Visualized Experiments, 2009, , .	0.3	117
43	Renin-Angiotensin System and Cardiovascular Functions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e108-e116.	4.7	117
44	A specific 15-lipoxygenase inhibitor limits the progression and monocyteâ€“macrophage enrichment of hypercholesterolemia-induced atherosclerosis in the rabbit. Atherosclerosis, 1998, 136, 203-216.	0.8	116
45	Mechanisms of aortic aneurysm formation: translating preclinical studies into clinical therapies. Heart, 2014, 100, 1498-1505.	3.8	114
46	Angiotensin II-Mediated Development of Vascular Diseases. Trends in Cardiovascular Medicine, 2004, 14, 117-120.	5.3	113
47	Rapid dilation of the abdominal aorta during infusion of angiotensin II detected by noninvasive high-frequency ultrasonography. Journal of Vascular Surgery, 2006, 44, 372-376.	1.1	110
48	Interleukin-4 Does Not Influence Development of Hypercholesterolemia or Angiotensin II-Induced Atherosclerotic Lesions in Mice. American Journal of Pathology, 2007, 171, 2040-2047.	4.1	110
49	T Lymphocytes in Atherosclerosis. Circulation Research, 2002, 90, 1039-1040.	10.7	108
50	Interferon-Î³ and the Interferon-Inducible Chemokine CXCL10 Protect Against Aneurysm Formation and Rupture. Circulation, 2009, 119, 426-435.	9.3	107
51	Stress protein GRP78 prevents apoptosis induced by calcium ionophore, ionomycin, but not by glycosylation inhibitor, tunicamycin, in human prostate cancer cells. Journal of Cellular Biochemistry, 2000, 77, 396-408.	2.6	105
52	High Density Lipoprotein Protects against Polymicrobe-induced Sepsis in Mice*. Journal of Biological Chemistry, 2013, 288, 17947-17953.	3.5	104
53	Mechanisms of abdominal aortic aneurysm formation. Current Atherosclerosis Reports, 2002, 4, 222-227.	4.8	103
54	Eligibility and Disqualification Recommendations for Competitive Athletes With Cardiovascular Abnormalities: Task Force 10: The Cardiac Channelopathies. Circulation, 2015, 132, e326-9.	9.3	98

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55	Androgen Increases AT1a Receptor Expression in Abdominal Aortas to Promote Angiotensin IIâ€“Induced AAAs in Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1251-1256.	4.7	97
56	Stochastic behavioural models of occupants' main bedroom window operation for UK residential buildings. Building and Environment, 2017, 118, 144-158.	7.0	96
57	Angiotensin II Induces Region-Specific Medial Disruption during Evolution of Ascending Aortic Aneurysms. American Journal of Pathology, 2014, 184, 2586-2595.	4.1	92
58	AGI-1067: A Multifunctional Phenolic Antioxidant, Lipid Modulator, Anti-Inflammatory and Antiatherosclerotic Agent. Journal of Pharmacology and Experimental Therapeutics, 2003, 305, 1116-1123.	2.4	90
59	Scavenger Receptor BI Protects against Septic Death through Its Role in Modulating Inflammatory Response. Journal of Biological Chemistry, 2009, 284, 19826-19834.	3.5	90
60	Reduction in ABCG1 in Type 2 Diabetic Mice Increases Macrophage Foam Cell Formation. Journal of Biological Chemistry, 2006, 281, 21216-21224.	3.5	89
61	Acid Sphingomyelinase Deficiency Prevents Diet-induced Hepatic Triacylglycerol Accumulation and Hyperglycemia in Mice. Journal of Biological Chemistry, 2009, 284, 8359-8368.	3.5	85
62	Macrophage-Expressed Group IIA Secretory Phospholipase A2Increases Atherosclerotic Lesion Formation in LDL Receptorâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 263-268.	4.7	84
63	Hypercholesterolemia Induced by a PCSK9 Gain-of-Function Mutation Augments Angiotensin IIâ€“Induced Abdominal Aortic Aneurysms in C57BL/6 Miceâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1753-1757.	4.7	84
64	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-R251.	1.9	83
65	Tree Lab: Portable Genomics for Early Detection of Plant Viruses and Pests in Sub-Saharan Africa. Genes, 2019, 10, 632.	2.4	83
66	Sidestream cigarette smoke accelerates atherogenesis in apolipoprotein Eâ^'/â^' mice. Atherosclerosis, 2001, 156, 49-55.	0.8	82
67	Angiotensin II Induces a Region-Specific Hyperplasia of the Ascending Aorta Through Regulation of Inhibitor of Differentiation 3. Circulation Research, 2010, 106, 611-619.	10.7	81
68	Development of experimental designs for atherosclerosis studies in mice. Methods, 2005, 36, 129-138.	3.9	79
69	Deficiency of the NR4A Orphan Nuclear Receptor NOR1 Decreases Monocyte Adhesion and Atherosclerosis. Circulation Research, 2010, 107, 501-511.	10.7	79
70	Update on depression and age-related macular degeneration. Current Opinion in Ophthalmology, 2013, 24, 239-243.	3.0	79
71	Untargeted metabolomics identifies succinate as a biomarker and therapeutic target in aortic aneurysm and dissection. European Heart Journal, 2021, 42, 4373-4385.	2.3	78
72	Peroxisome proliferator-activated receptor ligands reduce aortic dilatation in a mouse model of aortic aneurysm. Atherosclerosis, 2010, 210, 51-56.	0.8	77

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73	Search for new resonances in mass distributions of jet pairs using 139 fbâ˜'1 of pp collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.8	77
74	The Use of Nonsteroidal Anti-Inflammatory Drugs (NSAIDs). Circulation, 2005, 111, 1713-1716.	9.3	76
75	Renal proximal tubule angiotensin AT1A receptors regulate blood pressure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1067-R1077.	1.9	76
76	Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. Journal of Experimental Medicine, 2021, 218, .	8.8	76
77	Dietary Fat Interacts with PCBs to Induce Changes in Lipid Metabolism in Mice Deficient in Low-Density Lipoprotein Receptor. Environmental Health Perspectives, 2005, 113, 83-87.	8.2	75
78	Pioglitazone-Induced Reductions in Atherosclerosis Occur via Smooth Muscle Cellâ€"Specific Interaction With PPARÎ³. Circulation Research, 2010, 107, 953-958.	10.7	74
79	Complex pathologies of angiotensin II-induced abdominal aortic aneurysms. Journal of Zhejiang University: Science B, 2011, 12, 624-628.	2.9	74
80	Angiotensin II increases adipose angiotensinogen expression. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1280-E1287.	3.7	73
81	Recommendation on Design, Execution, and Reporting of Animal Atherosclerosis Studies: A Scientific Statement From the American Heart Association. Circulation Research, 2017, 121, e53-e79.	10.7	73
82	Involvement of the reninâ€"angiotensin system in abdominal and thoracic aortic aneurysms. Clinical Science, 2012, 123, 531-543.	4.3	72
83	Adropin: An endocrine link between the biological clock and cholesterol homeostasis. Molecular Metabolism, 2018, 8, 51-64.	6.6	72
84	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, 2813-2819.	4.7	71
85	Decolorization of azo dye methyl red by suspended and co-immobilized bacterial cells with mediators anthraquinone-2,6-disulfonate and Fe3O4 nanoparticles. International Biodeterioration and Biodegradation, 2016, 112, 88-97.	4.0	71
86	Fear and anxiety while driving: Differential impact of task demands, speed and motivation. Transportation Research Part F: Traffic Psychology and Behaviour, 2013, 16, 14-28.	3.8	69
87	TGF-Î² Neutralization Enhances AngII-Induced Aortic Rupture and Aneurysm in Both Thoracic and Abdominal Regions. PLoS ONE, 2016, 11, e0153811.	2.5	69
88	Molecular and Pathophysiological Features of Angiotensinogen: A Mini Review. North American Journal of Medicine & Science, 2011, 4, 183.	0.2	69
89	G2A Deficiency in Mice Promotes Macrophage Activation and Atherosclerosis. Circulation Research, 2009, 104, 318-327.	10.7	67
90	Mineralocorticoid Receptor Agonists Induce Mouse Aortic Aneurysm Formation and Rupture in the Presence of High Salt. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1568-1579.	4.7	66

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91	The role of the renin-angiotensin system in aortic aneurysmal diseases. Current Hypertension Reports, 2008, 10, 99-106.	3.4	65
92	Deficiency of Scavenger Receptor BI Leads to Impaired Lymphocyte Homeostasis and Autoimmune Disorders in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2543-2551.	4.7	65
93	Zinc Deficiency Increases Plasma Lipids and Atherosclerotic Markers in LDL-Receptorâ€“Deficient Mice. Journal of Nutrition, 2005, 135, 2114-2118.	2.7	64
94	Biphasic roles for soluble guanylyl cyclase (sGC) in platelet activation. Blood, 2011, 118, 3670-3679.	1.4	63
95	Novel Mechanisms of Abdominal Aortic Aneurysms. Current Atherosclerosis Reports, 2012, 14, 402-412.	4.8	63
96	Platelet Inhibitors Reduce Rupture in a Mouse Model of Established Abdominal Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2032-2041.	4.7	63
97	Smooth Muscle Cell Deletion of Low-Density Lipoprotein Receptorâ€“Related Protein 1 Augments Angiotensin IIâ€“Induced Superior Mesenteric Arterial and Ascending Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 155-162.	4.7	62
98	Transient Exposure of Neonatal Female Mice to Testosterone Abrogates the Sexual Dimorphism of Abdominal Aortic Aneurysms. Circulation Research, 2012, 110, e73-85.	10.7	61
99	Glucanases and Chitinases as Causal Agents in the Protection ofAcaciaExtrafloral Nectar from Infestation by Phytopathogens. Plant Physiology, 2010, 152, 1705-1715.	5.1	60
100	Innovation in the periphery: Compensation and exploitation strategies. Growth and Change, 2019, 50, 1511-1531.	2.5	60
101	Female Mice With an XY Sex Chromosome Complement Develop Severe Angiotensin IIâ€“Induced Abdominal Aortic Aneurysms. Circulation, 2017, 135, 379-391.	9.3	59
102	Interleukin 4 induces transcription of the 15-lipoxygenase I gene in human endothelial cells. Journal of Lipid Research, 2001, 42, 783-791.	4.2	59
103	Preparation of 3,4â€Dihydroxyâ€1â€benzeneethanol: A Reinvestigation. Liebigs Annalen Der Chemie, 1983, 1983, 684-686.	0.8	57
104	Subcutaneous Angiotensin II Infusion using Osmotic Pumps Induces Aortic Aneurysms in Mice. Journal of Visualized Experiments, 2015, , .	0.3	57
105	Aortic Aneurysms and Dissections Series. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e37-e46.	4.7	56
106	Increasing Adipocyte Lipoprotein Lipase Improves Glucose Metabolism in High Fat Diet-induced Obesity. Journal of Biological Chemistry, 2015, 290, 11547-11556.	3.5	53
107	Zinc(II)-boron(III)-imidazolate framework (ZBIF) with unusual pentagonal channels prepared from deep eutectic solvent. Dalton Transactions, 2010, 39, 697-699.	3.4	52
108	Stem cells for myocardial repair. Thrombosis and Haemostasis, 2010, 104, 6-12.	3.5	51

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109	Behavioral plasticity in larval reef fish: orientation is influenced by recent acoustic experiences. Behavioral Ecology, 2010, 21, 1098-1105.	2.1	51
110	CD14 Directs Adventitial Macrophage Precursor Recruitment: Role in Early Abdominal Aortic Aneurysm Formation. Journal of the American Heart Association, 2013, 2, e000065.	3.9	51
111	Role of myeloperoxidase in abdominal aortic aneurysm formation: mitigation by taurine. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H1168-H1179.	3.4	51
112	Polymorphism of class A scavenger receptors in C57BL/6 mice. Journal of Lipid Research, 2000, 41, 1568-1577.	4.2	51
113	Spinors and torsion in general relativity. Foundations of Physics, 1983, 13, 325-339.	1.3	50
114	Total lymphocyte deficiency attenuates AngII-induced atherosclerosis in males but not abdominal aortic aneurysms in apoE deficient mice. Atherosclerosis, 2010, 211, 399-403.	0.8	49
115	Deficiency of Endogenous Acute Phase Serum Amyloid A Does Not Affect Atherosclerotic Lesions in Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 255-261.	4.7	48
116	Angiotensinogen and Megalin Interactions Contribute to Atherosclerosisâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 150-155.	4.7	48
117	Macrophage-specific expression of class A scavenger receptors in LDL receptorâ^'/â^' mice decreases atherosclerosis and changes spleen morphology. Journal of Lipid Research, 2002, 43, 1201-1208.	4.2	48
118	Short-term interruption of training affects both fasting and post-prandial lipoproteins. Atherosclerosis, 1992, 95, 181-189.	0.8	47
119	Angiotensin-Converting Enzyme 2 Decreases Formation and Severity of Angiotensin IIâ€“Induced Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2617-2623.	4.7	47
120	Atherosclerosis and Arterial Blood Pressure in Mice. Current Drug Targets, 2007, 8, 1181-1189.	2.3	46
121	Urokinase-Type Plasminogen Activator Deficiency in Bone Marrowâ€“Derived Cells Augments Rupture of Angiotensin IIâ€“Induced Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2845-2852.	4.7	46
122	Cilostazol Attenuates Angiotensin IIâ€“Induced Abdominal Aortic Aneurysms but Not Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 903-912.	4.7	46
123	Lipoprotein oxidation as a mediator of atherogenesis: insights from pharmacological studies. Cardiovascular Research, 1995, 29, 297-311.	3.7	45
124	Class A Scavenger Receptor-mediated Adhesion and Internalization Require Distinct Cytoplasmic Domains. Journal of Biological Chemistry, 2003, 278, 34219-34225.	3.5	45
125	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.	2.5	45
126	Castration of male mice prevents the progression ofÂestablished angiotensin II-induced abdominal aortic aneurysms. Journal of Vascular Surgery, 2015, 61, 767-776.	1.1	45

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127	MRP1 expression in CTCs confers resistance to irinotecanâ€based chemotherapy in metastatic colorectal cancer. International Journal of Cancer, 2016, 139, 890-898.	5.4	45
128	Thematic review series: The Immune System and Atherogenesis. Cytokine regulation of macrophage functions in atherogenesis. Journal of Lipid Research, 2005, 46, 1812-1822.	4.2	43
129	Group X secretory phospholipase A2 augments angiotensin II-induced inflammatory responses and abdominal aortic aneurysm formation in apoE-deficient mice. Atherosclerosis, 2011, 214, 58-64.	0.8	43
130	Augmented Urokinase Receptor Expression in Atheroma. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 37-43.	4.7	43
131	Low plasma adiponectin is associated with coronary artery disease but not with hypertension in high-risk nondiabetic patients. Journal of Internal Medicine, 2006, 260, 474-483.	6.2	42
132	Fibroblast Angiotensin II Type 1a Receptors Contribute to Angiotensin IIâ€"Induced Medial Hyperplasia in the Ascending Aorta. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1995-2002.	4.7	42
133	LRP1 (Low-Density Lipoprotein Receptorâ€"Related Protein 1) Regulates Smooth Muscle Contractility by Modulating Ca ²⁺ Signaling and Expression of Cytoskeleton-Related Proteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2651-2664.	4.7	41
134	Interleukin-4 augments acetylated LDL-induced cholesterol esterification in macrophages. Journal of Lipid Research, 2000, 41, 376-383.	4.2	41
135	Deficiency of Endogenous Acute-Phase Serum Amyloid A Protects apoE ^{â^'/â^'} Mice From Angiotensin IIâ€"Induced Abdominal Aortic Aneurysm Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1156-1165.	4.7	40
136	Regulation of acetylated low density lipoprotein uptake in macrophages by pertussis toxin-sensitive G proteins. Journal of Lipid Research, 2000, 41, 807-813.	4.2	40
137	Epidermal growth factor receptor inhibitor protects against abdominal aortic aneurysm in a mouse model. Clinical Science, 2015, 128, 559-565.	4.3	39
138	Ursodeoxycholic acid for the prevention of symptomatic gallstone disease after bariatric surgery: study protocol for a randomized controlled trial (UPGRADE trial). BMC Gastroenterology, 2017, 17, 164.	2.0	39
139	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, 943-954.	4.7	38
140	Citrullus lanatus â€˜sentinelâ€™ (watermelon) extract reduces atherosclerosis in LDL receptor-deficient mice. Journal of Nutritional Biochemistry, 2013, 24, 882-886.	4.3	38
141	Open-air preparation of cross-linked CO₂-responsive polymer vesicles by enzyme-assisted photoinitiated polymerization-induced self-assembly. Chemical Communications, 2019, 55, 11920-11923.	4.2	38
142	Exsolution of garnet within clinopyroxene of mantle eclogites: major- and trace-element chemistry. Contributions To Mineralogy and Petrology, 1993, 114, 148-159.	3.1	37
143	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, 1421-1428.	4.2	37
144	Angiotensin II and abdominal aortic aneurysms. Current Hypertension Reports, 2004, 6, 442-446.	3.4	37

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145	Arterial structure and function in end-stage renal disease. Current Hypertension Reports, 2008, 10, 107-111.	3.4	37
146	Energetics of fasting heterothermia in TRPV1-KO and wild type mice. Physiology and Behavior, 2009, 96, 149-154.	2.1	37
147	Acquisition, Analysis, and Sharing of Data in 2015 and Beyond: A Survey of the Landscape. Journal of the American Heart Association, 2015, 4, .	3.9	37
148	Sex Chromosome Complement Defines Diffuse Versus Focal Angiotensin IIâ€“Induced Aortic Pathology. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 143-153.	4.7	37
149	PHAISTOS: A framework for Markov chain Monte Carlo simulation and inference of protein structure. Journal of Computational Chemistry, 2013, 34, 1697-1705.	3.5	36
150	Regional Variation in Aortic AT1b Receptor mRNA Abundance Is Associated with Contractility but Unrelated to Atherosclerosis and Aortic Aneurysms. PLoS ONE, 2012, 7, e48462.	2.5	35
151	Loss of Hepatic Angiotensinogen Attenuates Sepsis-Induced Myocardial Dysfunction. Circulation Research, 2021, 129, 547-564.	10.7	35
152	Î±(1,3)Fucosyltransferases FucT-IV and FucT-VII Control Susceptibility to Atherosclerosis in Apolipoprotein Eâ^'/â^' Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1897-1903.	4.7	34
153	Role of metabolism and receptor responsiveness in the attenuated responses to Angiotensin II in mice compared to rats. Regulatory Peptides, 2004, 117, 107-116.	1.8	34
154	Ecological significance of microsatellite variation in western North American populations of Bromus tectorum. Plant Species Biology, 2006, 21, 61-73.	1.0	34
155	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-C460.	4.6	34
156	Connecting differential responses of native and invasive riparian plants to climate change and environmental alteration. Ecological Applications, 2015, 25, 753-767.	3.9	34
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