

John P Cooke

List of Publications by Year in descending order

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Version: 2024-02-01

360
papers

30,267
citations

3531

90
h-index

5679

162
g-index

371
all docs

371
docs citations

371
times ranked

27605
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Dimethylarginine (ADMA): A Novel Risk Factor for Endothelial Dysfunction. <i>Circulation</i> , 1998, 98, 1842-1847.	1.6	1,088
2	Multifunctional in vivo vascular imaging using near-infrared II fluorescence. <i>Nature Medicine</i> , 2012, 18, 1841-1846.	30.7	836
3	Gene therapy inhibiting neointimal vascular lesion: in vivo transfer of endothelial cell nitric oxide synthase gene.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 1137-1141.	7.1	747
4	Nicotine stimulates angiogenesis and promotes tumor growth and atherosclerosis. <i>Nature Medicine</i> , 2001, 7, 833-839.	30.7	708
5	Endogenous Nitric Oxide Synthase Inhibitor. <i>Circulation</i> , 1999, 99, 1141-1146.	1.6	694
6	NITRIC OXIDE SYNTHASE: Role in the Genesis of Vascular Disease. <i>Annual Review of Medicine</i> , 1997, 48, 489-509.	12.2	652
7	Impaired Nitric Oxide Synthase Pathway in Diabetes Mellitus. <i>Circulation</i> , 2002, 106, 987-992.	1.6	627
8	Homocysteine Impairs the Nitric Oxide Synthase Pathway. <i>Circulation</i> , 2001, 104, 2569-2575.	1.6	615
9	Statins Have Biphasic Effects on Angiogenesis. <i>Circulation</i> , 2002, 105, 739-745.	1.6	615
10	Novel Mechanism for Endothelial Dysfunction. <i>Circulation</i> , 1999, 99, 3092-3095.	1.6	605
11	Does ADMA Cause Endothelial Dysfunction?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 2032-2037.	2.4	521
12	Relationship Between Insulin Resistance and an Endogenous Nitric Oxide Synthase Inhibitor. <i>JAMA - Journal of the American Medical Association</i> , 2002, 287, 1420.	7.4	510
13	Expression of Inducible Nitric Oxide Synthase in Human Heart Failure. <i>Circulation</i> , 1996, 93, 1087-1094.	1.6	402
14	Asymmetrical Dimethylarginine. <i>Circulation</i> , 2004, 109, 1813-1818.	1.6	377
15	Cardiovascular Effects of Exercise: Role of Endothelial Shear Stress. <i>Journal of the American College of Cardiology</i> , 1996, 28, 1652-1660.	2.8	352
16	Activation of Innate Immunity Is Required for Efficient Nuclear Reprogramming. <i>Cell</i> , 2012, 151, 547-558.	28.9	329
17	Plasma concentrations of asymmetric dimethylarginine are increased in patients with type 2 diabetes mellitus. <i>American Journal of Cardiology</i> , 2001, 88, 1201-1203.	1.6	319
18	Dimethylarginine Dimethylaminohydrolase Regulates Nitric Oxide Synthesis. <i>Circulation</i> , 2003, 108, 3042-3047.	1.6	312

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19	Symmetric dimethylarginine (SDMA) as endogenous marker of renal function—a meta-analysis. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 2446-2451.	0.7	309
20	Nitric Oxide Induces the Synthesis of Vascular Endothelial Growth Factor by Rat Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 659-666.	2.4	302
21	Endothelial Dysfunction Induced by Hyperhomocyst(e)inemia. <i>Circulation</i> , 2003, 108, 933-938.	1.6	301
22	eNOS Activity Is Reduced in Senescent Human Endothelial Cells. <i>Circulation Research</i> , 2001, 89, 793-798.	4.5	267
23	Proton Pump Inhibitor Usage and the Risk of Myocardial Infarction in the General Population. <i>PLoS ONE</i> , 2015, 10, e0124653.	2.5	259
24	Phytoestrogens and cardiovascular health. <i>Journal of the American College of Cardiology</i> , 2000, 35, 1403-1410.	2.8	252
25	Nitric Oxide and Angiogenesis. <i>Circulation</i> , 2002, 105, 2133-2135.	1.6	246
26	A novel angiogenic pathway mediated by non-neuronal nicotinic acetylcholine receptors. <i>Journal of Clinical Investigation</i> , 2002, 110, 527-536.	8.2	240
27	Endothelial Cells Derived From Human iPSCs Increase Capillary Density and Improve Perfusion in a Mouse Model of Peripheral Arterial Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, e72-9.	2.4	230
28	Fluid Flow Inhibits Endothelial Adhesiveness. <i>Circulation</i> , 1996, 94, 1682-1689.	1.6	230
29	Effects of fluid-induced shear on articular chondrocyte morphology and metabolism in vitro. <i>Journal of Orthopaedic Research</i> , 1995, 13, 824-831.	2.3	229
30	NO and angiogenesis. <i>Atherosclerosis Supplements</i> , 2003, 4, 53-60.	1.2	229
31	L-Arginine Supplementation in Peripheral Arterial Disease. <i>Circulation</i> , 2007, 116, 188-195.	1.6	227
32	Determination of asymmetric dimethylarginine (ADMA) using a novel ELISA assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 1377-83.	2.3	226
33	Mild-to-moderate hypertriglyceridemia in young men is associated with endothelial dysfunction and increased plasma concentrations of asymmetric dimethylarginine. <i>Journal of the American College of Cardiology</i> , 2001, 38, 111-116.	2.8	223
34	Nonbone Marrow-Derived Circulating Progenitor Cells Contribute to Postnatal Neovascularization Following Tissue Ischemia. <i>Circulation Research</i> , 2007, 100, 581-589.	4.5	219
35	Antioxidant Vitamins C and E Improve Endothelial Function in Children With Hyperlipidemia. <i>Circulation</i> , 2003, 108, 1059-1063.	1.6	214
36	An endogenous inhibitor of nitric oxide synthase regulates endothelial adhesiveness for monocytes. <i>Journal of the American College of Cardiology</i> , 2000, 36, 2287-2295.	2.8	211

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37	Unexpected Effect of Proton Pump Inhibitors. <i>Circulation</i> , 2013, 128, 845-853.	1.6	205
38	Nicotine Strongly Activates Dendritic Cell-Mediated Adaptive Immunity. <i>Circulation</i> , 2003, 107, 604-611.	1.6	199
39	Bone morphogenetic protein 2 induces pulmonary angiogenesis via Wnt β -catenin and Wnt-Rho-Rac1 pathways. <i>Journal of Cell Biology</i> , 2009, 184, 83-99.	5.2	194
40	ADMA Increases Arterial Stiffness and Decreases Cerebral Blood Flow in Humans. <i>Stroke</i> , 2006, 37, 2024-2029.	2.0	193
41	Modulating the Vascular Response to Limb Ischemia. <i>Circulation Research</i> , 2015, 116, 1561-1578.	4.5	186
42	Differentiation, Survival, and Function of Embryonic Stem Cell-Derived Endothelial Cells for Ischemic Heart Disease. <i>Circulation</i> , 2007, 116, 146-54.	1.6	184
43	Stem Cell Therapy for Vascular Regeneration. <i>Circulation</i> , 2010, 122, 517-526.	1.6	177
44	The Penetrating Aortic Ulcer: Pathologic Manifestations, Diagnosis, and Management. <i>Mayo Clinic Proceedings</i> , 1988, 63, 718-725.	3.0	174
45	Regression or Progression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 44-50.	2.4	174
46	β 2-Microglobulin as a Biomarker in Peripheral Arterial Disease. <i>Circulation</i> , 2007, 116, 1396-1403.	1.6	172
47	Nitric Oxide Regulates Monocyte Chemotactic Protein-1. <i>Circulation</i> , 1997, 96, 934-940.	1.6	170
48	Dietary L-Arginine Supplementation Normalizes Platelet Aggregation in Hypercholesterolemic Humans. <i>Journal of the American College of Cardiology</i> , 1997, 29, 479-485.	2.8	167
49	A novel angiogenic pathway mediated by non-neuronal nicotinic acetylcholine receptors. <i>Journal of Clinical Investigation</i> , 2002, 110, 527-536.	8.2	163
50	Direct induction of haematoendothelial programs in human pluripotent stem cells by transcriptional regulators. <i>Nature Communications</i> , 2014, 5, 4372.	12.8	160
51	Decongestive lymphatic therapy for patients with cancer-related or primary lymphedema. <i>American Journal of Medicine</i> , 2000, 109, 296-300.	1.5	159
52	Nicotine Accelerates Angiogenesis and Wound Healing in Genetically Diabetic Mice. <i>American Journal of Pathology</i> , 2002, 161, 97-104.	3.8	159
53	Transdifferentiation of Human Fibroblasts to Endothelial Cells. <i>Circulation</i> , 2015, 131, 300-309.	1.6	146
54	Murine Model of Hindlimb Ischemia. <i>Journal of Visualized Experiments</i> , 2009, , .	0.3	142

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55	Exposure to Shear Stress Alters Endothelial Adhesiveness. <i>Circulation</i> , 1995, 92, 3513-3519.	1.6	142
56	Cytomegalovirus Infection Impairs the Nitric Oxide Synthase Pathway. <i>Circulation</i> , 2004, 109, 500-505.	1.6	138
57	Genetic augmentation of nitric oxide synthase increases the vascular generation of VEGF. <i>Cardiovascular Research</i> , 2001, 51, 773-783.	3.8	137
58	Overexpression of Dimethylarginine Dimethylaminohydrolase Reduces Tissue Asymmetric Dimethylarginine Levels and Enhances Angiogenesis. <i>Circulation</i> , 2005, 111, 1431-1438.	1.6	136
59	Angiogenesis Is Impaired by Hypercholesterolemia. <i>Circulation</i> , 2000, 102, 1414-1419.	1.6	131
60	Limb Blood Flow During Exercise Is Dependent on Nitric Oxide. <i>Circulation</i> , 1998, 98, 369-374.	1.6	128
61	Regression of Atherosclerosis. <i>Circulation</i> , 1999, 99, 1236-1241.	1.6	128
62	Acute Rejection and Cardiac Allograft Vascular Disease Is Reduced by Suppression of Subclinical Cytomegalovirus Infection. <i>Transplantation</i> , 2006, 82, 398-405.	1.0	128
63	Embryonic Stem Cell-Derived Endothelial Cells Engraft Into the Ischemic Hindlimb and Restore Perfusion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 984-991.	2.4	126
64	Induction of Nitric Oxide Synthase in the Human Cardiac Allograft Is Associated With Contractile Dysfunction of the Left Ventricle. <i>Circulation</i> , 1996, 93, 720-729.	1.6	126
65	Flow, NO, and atherogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 768-770.	7.1	125
66	Mechanisms of Raynaud's disease. <i>Vascular Medicine</i> , 2005, 10, 293-307.	1.5	124
67	Asymmetric Dimethylarginine Increases Mononuclear Cell Adhesiveness in Hypercholesterolemic Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1040-1046.	2.4	123
68	Second hand smoke stimulates tumor angiogenesis and growth. <i>Cancer Cell</i> , 2003, 4, 191-196.	16.8	120
69	Dietary arginine prevents atherogenesis in the coronary artery of the hypercholesterolemic rabbit. <i>Journal of the American College of Cardiology</i> , 1994, 23, 452-458.	2.8	119
70	Microenvironmental VEGF distribution is critical for stable and functional vessel growth in ischemia. <i>FASEB Journal</i> , 2006, 20, 2657-2659.	0.5	117
71	Conversion of Human Fibroblasts to Functional Endothelial Cells by Defined Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1366-1375.	2.4	113
72	State-of-the-Art Methods for Evaluation of Angiogenesis and Tissue Vascularization. <i>Circulation Research</i> , 2015, 116, e99-132.	4.5	113

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73	Nicotine promotes arteriogenesis. <i>Journal of the American College of Cardiology</i> , 2003, 41, 489-496.	2.8	112
74	Proton Pump Inhibitors Accelerate Endothelial Senescence. <i>Circulation Research</i> , 2016, 118, e36-42.	4.5	112
75	Does Leptin Cause Vascular Disease?. <i>Circulation</i> , 2002, 106, 1904-1905.	1.6	110
76	Nicotine and angiogenesis: a new paradigm for tobacco-related diseases. <i>Annals of Medicine</i> , 2004, 36, 33-40.	3.8	110
77	Propionyl-L-carnitine improves exercise performance and functional status in patients with claudication—Access the Journal Club discussion of this paper at http://www.elsevier.com/locate/ajmselect/ . <i>American Journal of Medicine</i> , 2001, 110, 616-622.	1.5	109
78	Optimal ROS Signaling Is Critical for Nuclear Reprogramming. <i>Cell Reports</i> , 2016, 15, 919-925.	6.4	108
79	Rapamycin-Loaded Biomimetic Nanoparticles Reverse Vascular Inflammation. <i>Circulation Research</i> , 2020, 126, 25-37.	4.5	106
80	Pleiotropic effect of the proton pump inhibitor esomeprazole leading to suppression of lung inflammation and fibrosis. <i>Journal of Translational Medicine</i> , 2015, 13, 249.	4.4	105
81	Inflammation and Its Role in Regeneration and Repair. <i>Circulation Research</i> , 2019, 124, 1166-1168.	4.5	104
82	Dimethylarginine Dimethylaminohydrolase Overexpression Suppresses Graft Coronary Artery Disease. <i>Circulation</i> , 2005, 112, 1549-1556.	1.6	102
83	ADMA: its role in vascular disease. <i>Vascular Medicine</i> , 2005, 10, S11-S17.	1.5	101
84	The endothelium: a new target for therapy. <i>Vascular Medicine</i> , 2000, 5, 49-53.	1.5	100
85	Nicotine and pathological angiogenesis. <i>Life Sciences</i> , 2012, 91, 1058-1064.	4.3	100
86	Limited Gene Expression Variation in Human Embryonic Stem Cell and Induced Pluripotent Stem Cell-Derived Endothelial Cells. <i>Stem Cells</i> , 2013, 31, 92-103.	3.2	99
87	Endothelium-Dependent Relaxations in Human Arteries. <i>Mayo Clinic Proceedings</i> , 1987, 62, 601-606.	3.0	98
88	Association Between Chromosome 9p21 Variants and the Ankle-Brachial Index Identified by a Meta-Analysis of 21 Genome-Wide Association Studies. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 100-112.	5.1	98
89	Endothelial Determinants of Dendritic Cell Adhesion and Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1817-1823.	2.4	96
90	The role of nicotine in the pathogenesis of atherosclerosis. <i>Atherosclerosis</i> , 2011, 215, 281-283.	0.8	96

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91	The use of machine learning for the identification of peripheral artery disease and future mortality risk. <i>Journal of Vascular Surgery</i> , 2016, 64, 1515-1522.e3.	1.1	95
92	Dimethylarginine Dimethylaminohydrolase Overexpression Enhances Insulin Sensitivity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 692-697.	2.4	94
93	Exercise capacity is the strongest predictor of mortality in patients with peripheral arterial disease. <i>Journal of Vascular Surgery</i> , 2013, 57, 728-733.	1.1	93
94	Assessing Endothelial Vasodilator Function with the Endo-PAT 2000. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	91
95	Local Intramural Delivery of L-Arginine Enhances Nitric Oxide Generation and Inhibits Lesion Formation After Balloon Angioplasty. <i>Circulation</i> , 1997, 95, 1863-1869.	1.6	91
96	The Emerging Role of the Thioredoxin System in Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2089-2098.	2.4	90
97	AIBP-mediated cholesterol efflux instructs hematopoietic stem and progenitor cell fate. <i>Science</i> , 2019, 363, 1085-1088.	12.6	90
98	Endothelial Progenitor Cells Participate in Nicotine-Mediated Angiogenesis. <i>Journal of the American College of Cardiology</i> , 2006, 48, 2553-2560.	2.8	89
99	T-Cell Immunity to Subclinical Cytomegalovirus Infection Reduces Cardiac Allograft Disease. <i>Circulation</i> , 2006, 114, 1608-1615.	1.6	89
100	Near-Infrared II Fluorescence for Imaging Hindlimb Vessel Regeneration With Dynamic Tissue Perfusion Measurement. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 517-525.	2.6	88
101	Human induced pluripotent stem cell-derived endothelial cells exhibit functional heterogeneity. <i>American Journal of Translational Research (discontinued)</i> , 2013, 5, 21-35.	0.0	88
102	Homocysteine impairs coronary microvascular dilator function in humans. <i>Journal of the American College of Cardiology</i> , 2002, 40, 1051-1058.	2.8	86
103	Angiogenesis and the role of the endothelial nicotinic acetylcholine receptor. <i>Life Sciences</i> , 2007, 80, 2347-2351.	4.3	86
104	Insulin resistance: potential role of the endogenous nitric oxide synthase inhibitor ADMA. <i>Vascular Medicine</i> , 2005, 10, S35-S43.	1.5	85
105	Vascular Progenitors From Cord Blood-Derived Induced Pluripotent Stem Cells Possess Augmented Capacity for Regenerating Ischemic Retinal Vasculature. <i>Circulation</i> , 2014, 129, 359-372.	1.6	85
106	Transient delivery of modified mRNA encoding TERT rapidly extends telomeres in human cells. <i>FASEB Journal</i> , 2015, 29, 1930-1939.	0.5	85
107	Biomarkers of Peripheral Arterial Disease. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2017-2023.	2.8	84
108	Nutritional therapy for peripheral arterial disease: a double-blind, placebo-controlled, randomized trial of HeartBar [®] . <i>Vascular Medicine</i> , 2000, 5, 11-19.	1.5	83

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109	The modulation of endothelial cell morphology, function, and survival using anisotropic nanofibrillar collagen scaffolds. <i>Biomaterials</i> , 2013, 34, 4038-4047.	11.4	82
110	New Directions in Therapeutic Angiogenesis and Arteriogenesis in Peripheral Arterial Disease. <i>Circulation Research</i> , 2021, 128, 1944-1957.	4.5	82
111	A Central Role for Nicotinic Cholinergic Regulation of Growth Factor-Induced Endothelial Cell Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 106-112.	2.4	80
112	Asymmetric dimethylarginine (ADMA): a key regulator of nitric oxide synthase. <i>Atherosclerosis Supplements</i> , 2003, 4, 1-3.	1.2	79
113	Microvascular Endothelial Cells Migrate Upstream and Align Against the Shear Stress Field Created by Impinging Flow. <i>Biophysical Journal</i> , 2014, 106, 366-374.	0.5	79
114	Endothelial Nicotinic Acetylcholine Receptors and Angiogenesis. <i>Trends in Cardiovascular Medicine</i> , 2008, 18, 247-253.	4.9	78
115	Overexpression of Dimethylarginine Dimethylaminohydrolase Inhibits Asymmetric Dimethylarginine-Induced Endothelial Dysfunction in the Cerebral Circulation. <i>Stroke</i> , 2008, 39, 180-184.	2.0	78
116	Oxidative Stress-Dependent Cyclooxygenase-2-Derived Prostaglandin F ₂ ± Impairs Endothelial Function in Renovascular Hypertensive Rats. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 363-373.	5.4	77
117	Arginine restores nitric oxide activity and inhibits monocyte accumulation after vascular injury in hypercholesterolemic rabbits. <i>Journal of the American College of Cardiology</i> , 1996, 28, 1573-1579.	2.8	75
118	Adenoviral Gene Transfer With Soluble Vascular Endothelial Growth Factor Receptors Impairs Angiogenesis and Perfusion in a Murine Model of Hindlimb Ischemia. <i>Circulation</i> , 2004, 110, 2424-2429.	1.6	75
119	Psychophysiological and Cortisol Responses to Psychological Stress in Depressed and Nondepressed Older Men and Women With Elevated Cardiovascular Disease Risk. <i>Psychosomatic Medicine</i> , 2006, 68, 538-546.	2.0	75
120	Dimethylarginine Dimethylaminohydrolase Promotes Endothelial Repair After Vascular Injury. <i>Journal of the American College of Cardiology</i> , 2007, 49, 1099-1105.	2.8	72
121	Arginine: A New Therapy for Atherosclerosis?. <i>Circulation</i> , 1997, 95, 311-312.	1.6	72
122	Developmental Endothelial Locus-1 (Del-1), a Novel Angiogenic Protein. <i>Circulation</i> , 2004, 109, 1314-1319.	1.6	69
123	Limb hemodynamics are not predictive of functional capacity in patients with PAD. <i>Vascular Medicine</i> , 2006, 11, 155-163.	1.5	69
124	Adhesiveness of Mononuclear Cells in Hypercholesterolemic Humans Is Normalized by Dietary L-Arginine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 3557-3564.	2.4	68
125	Differential expression of nitric oxide by dermal microvascular endothelial cells from patients with scleroderma. <i>Vascular Medicine</i> , 2000, 5, 147-158.	1.5	68
126	Cardiac Allograft Vasculopathy and Dysregulation of the NO Synthase Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 567-575.	2.4	68

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127	Nitric oxide inhibition as a mechanism for blood pressure increase during salt loading in normotensive postmenopausal women. <i>Journal of Hypertension</i> , 2003, 21, 1339-1346.	0.5	68
128	Vascular Regeneration in Peripheral Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1627-1634.	2.4	66
129	Detailed Analysis of Bone Marrow From Patients With Ischemic Heart Disease and Left Ventricular Dysfunction. <i>Circulation Research</i> , 2014, 115, 867-874.	4.5	65
130	Bone Marrow Characteristics Associated With Changes in Infarct Size After STEMI. <i>Circulation Research</i> , 2015, 116, 99-107.	4.5	65
131	Genetic Susceptibility to Peripheral Arterial Disease: A Dark Corner in Vascular Biology. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 2068-2078.	2.4	61
132	Aligned nanofibrillar collagen regulates endothelial organization and migration. <i>Regenerative Medicine</i> , 2012, 7, 649-661.	1.7	60
133	<scp>L</scp>-Arginine enhances aerobic exercise capacity in association with augmented nitric oxide production. <i>Journal of Applied Physiology</i> , 2001, 90, 933-938.	2.5	59
134	Asymmetric Dimethyl L-Arginine (ADMA) is a critical regulator of myocardial reperfusion injury. <i>Cardiovascular Research</i> , 2007, 75, 417-425.	3.8	59
135	Genetics of Peripheral Artery Disease. <i>Circulation</i> , 2012, 125, 3220-3228.	1.6	59
136	PPAR γ Activation Protects Endothelial Function in Diabetic Mice. <i>Diabetes</i> , 2012, 61, 3285-3293.	0.6	58
137	Aligned-Braided Nanofibrillar Scaffold with Endothelial Cells Enhances Arteriogenesis. <i>ACS Nano</i> , 2015, 9, 6900-6908.	14.6	58
138	Isoflavones improve vascular reactivity in post-menopausal women with hypercholesterolemia. <i>Vascular Medicine</i> , 2004, 9, 26-30.	1.5	57
139	Asymmetric dimethylarginine correlates with measures of disease severity, major adverse cardiovascular events and all-cause mortality in patients with peripheral arterial disease. <i>Vascular Medicine</i> , 2010, 15, 267-274.	1.5	57
140	A Critical Role for Thioredoxin-Interacting Protein in Diabetes-Related Impairment of Angiogenesis. <i>Diabetes</i> , 2014, 63, 675-687.	0.6	57
141	Induced pluripotent stem cell-derived endothelial cells promote angiogenesis and accelerate wound closure in a murine excisional wound healing model. <i>Bioscience Reports</i> , 2018, 38, .	2.4	57
142	Mecamylamine Suppresses Basal and Nicotine-Stimulated Choroidal Neovascularization. , 2008, 49, 1705.		56
143	Spatial patterning of endothelium modulates cell morphology, adhesiveness and transcriptional signature. <i>Biomaterials</i> , 2013, 34, 2928-2937.	11.4	56
144	Aligned nanofibrillar collagen scaffolds “ Guiding lymphangiogenesis for treatment of acquired lymphedema. <i>Biomaterials</i> , 2016, 102, 259-267.	11.4	55

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145	Discordant effects of a soluble VEGF receptor on wound healing and angiogenesis. <i>Gene Therapy</i> , 2004, 11, 302-309.	4.5	52
146	Tissue-specific downregulation of dimethylarginine dimethylaminohydrolase in hyperhomocysteinemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H816-H825.	3.2	52
147	Alternative Ankle-Brachial Index Method Identifies Additional At-Risk Individuals. <i>Journal of the American College of Cardiology</i> , 2013, 62, 553-559.	2.8	52
148	Plasma homocysteine, dietary B vitamins, betaine, and choline and risk of peripheral artery disease. <i>Atherosclerosis</i> , 2014, 235, 94-101.	0.8	52
149	Cholinergic modulation of angiogenesis: Role of the 7 nicotinic acetylcholine receptor. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 433-446.	2.6	51
150	nAChRs Mediate Human Embryonic Stem Cell-Derived Endothelial Cells: Proliferation, Apoptosis, and Angiogenesis. <i>PLoS ONE</i> , 2009, 4, e7040.	2.5	50
151	DDAH Says NO to ADMA. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1462-1464.	2.4	50
152	Enhancement of the in vivo persistence and antitumor efficacy of CD19 chimeric antigen receptor T cells through the delivery of modified TERT mRNA. <i>Cell Discovery</i> , 2015, 1, 15040.	6.7	50
153	A matrix micropatterning platform for cell localization and stem cell fate determination. <i>Acta Biomaterialia</i> , 2010, 6, 4614-4621.	8.3	49
154	AIBP Limits Angiogenesis Through β -Secretase-Mediated Upregulation of Notch Signaling. <i>Circulation Research</i> , 2017, 120, 1727-1739.	4.5	49
155	Endothelial dysfunction in hypercholesterolemia is reversed by a nutritional product designed to enhance nitric oxide activity. <i>Cardiovascular Drugs and Therapy</i> , 2000, 14, 309-316.	2.6	48
156	Atherogenesis and the arginine hypothesis. <i>Current Atherosclerosis Reports</i> , 2001, 3, 252-259.	4.8	47
157	A biomarker panel for peripheral arterial disease. <i>Vascular Medicine</i> , 2008, 13, 217-224.	1.5	47
158	Integration of induced pluripotent stem cell-derived endothelial cells with polycaprolactone/gelatin-based electrospun scaffolds for enhanced therapeutic angiogenesis. <i>Stem Cell Research and Therapy</i> , 2018, 9, 70.	5.5	47
159	Endothelial Cells Derived From Nuclear Reprogramming. <i>Circulation Research</i> , 2012, 111, 1363-1375.	4.5	46
160	Anti-CD43 Inhibits Monocyte-Endothelial Adhesion in Inflammation and Atherogenesis. <i>Blood</i> , 1997, 90, 3587-3594.	1.4	45
161	Effects of L-Arginine on Atherogenesis and Endothelial Dysfunction due to Secondhand Smoke. <i>Hypertension</i> , 1999, 34, 44-50.	2.7	45
162	A pilot study of L-arginine supplementation on functional capacity in peripheral arterial disease. <i>Vascular Medicine</i> , 2005, 10, 265-274.	1.5	45

#	ARTICLE	IF	CITATIONS
163	Changes in Coronary Arterial Dimensions Early After Cardiac Transplantation. <i>Transplantation</i> , 2007, 83, 700-705.	1.0	44
164	Phase II Clinical Research Design in Cardiology. <i>Circulation</i> , 2013, 127, 1630-1635.	1.6	44
165	Gene transfer of nitric oxide synthase. <i>Journal of the American College of Cardiology</i> , 1999, 34, 1201-1207.	2.8	42
166	Homocysteine-induced vascular dysregulation is mediated by the NMDA receptor. <i>Vascular Medicine</i> , 2005, 10, 215-223.	1.5	42
167	Insulin resistance: potential role of the endogenous nitric oxide synthase inhibitor ADMA. <i>Vascular Medicine</i> , 2005, 10, S35-S43.	1.5	42
168	Increased nitric oxide availability attenuates high fat diet metabolic alterations and gene expression associated with insulin resistance. <i>Cardiovascular Diabetology</i> , 2011, 10, 68.	6.8	42
169	Concurrent Generation of Functional Smooth Muscle and Endothelial Cells via a Vascular Progenitor. <i>Stem Cells Translational Medicine</i> , 2014, 3, 91-97.	3.3	41
170	Chronic exposure to nicotine impairs cholinergic angiogenesis. <i>Vascular Medicine</i> , 2010, 15, 47-54.	1.5	40
171	Low lifetime recreational activity is a risk factor for peripheral arterial disease. <i>Journal of Vascular Surgery</i> , 2011, 54, 427-432.e4.	1.1	40
172	Novel Vascular Molecule Involved in Monocyte Adhesion to Aortic Endothelium in Models of Atherogenesis. <i>Journal of Experimental Medicine</i> , 1997, 185, 2069-2077.	8.5	39
173	NOS inhibition accelerates atherogenesis: reversal by exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H535-H540.	3.2	39
174	Does improving mood in depressed patients alter factors that may affect cardiovascular disease risk?. <i>Journal of Psychiatric Research</i> , 2009, 43, 1246-1252.	3.1	39
175	Overexpression of Dimethylarginine Dimethylaminohydrolase Protects Against Cerebral Vascular Effects of Hyperhomocysteinemia. <i>Circulation Research</i> , 2010, 106, 551-558.	4.5	39
176	Gender differences in perception of PAD: a pilot study. <i>Vascular Medicine</i> , 2003, 8, 89-94.	1.5	38
177	Proton pump inhibitors and vascular function: A prospective cross-over pilot study. <i>Vascular Medicine</i> , 2015, 20, 309-316.	1.5	38
178	Transdifferentiation Requires iNOS Activation. <i>Circulation Research</i> , 2016, 119, e129-e138.	4.5	38
179	Telomerase therapy reverses vascular senescence and extends lifespan in progeria mice. <i>European Heart Journal</i> , 2021, 42, 4352-4369.	2.2	38
180	Role of Nitric Oxide Signaling in Endothelial Differentiation of Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2010, 19, 1617-1626.	2.1	37

#	ARTICLE	IF	CITATIONS
181	How May Proton Pump Inhibitors Impair Cardiovascular Health?. American Journal of Cardiovascular Drugs, 2016, 16, 153-161.	2.2	37
182	The senescence accelerated mouse prone 8 (SAMP8): A novel murine model for cardiac aging. Ageing Research Reviews, 2017, 35, 291-296.	10.9	37
183	Effect of local delivery of l-arginine on in-stent restenosis in humans. American Journal of Cardiology, 2002, 89, 363-367.	1.6	36
184	Cell-free production of transducible transcription factors for nuclear reprogramming. Biotechnology and Bioengineering, 2009, 104, 1047-1058.	3.3	36
185	The Time Has Come for Vascular Medicine. Annals of Internal Medicine, 1990, 112, 138.	3.9	35
186	Local L-Arginine Delivery After Balloon Angioplasty Reduces Monocyte Binding and Induces Apoptosis. Circulation, 1999, 100, 1830-1835.	1.6	35
187	Glycolytic Switch Is Required for Transdifferentiation to Endothelial Lineage. Circulation, 2019, 139, 119-133.	1.6	35
188	Hypertension-enhanced monocyte adhesion in experimental atherosclerosis. Journal of Vascular Surgery, 1996, 23, 596-605.	1.1	34
189	Capillary electrophoretic and micellar electrokinetic separations of asymmetric dimethyl-L-arginine and structurally related amino acids: Quantitation in human plasma. Journal of Separation Science, 2004, 27, 1483-1490.	2.5	34
190	The role of dimethylarginine dimethylaminohydrolase (DDAH) in pulmonary fibrosis. Journal of Pathology, 2013, 229, 242-249.	4.5	34
191	Transient introduction of human telomerase mRNA improves hallmarks of progeria cells. Aging Cell, 2019, 18, e12979.	6.7	34
192	Anti-Atherogenic Effect of Nuts: Is the Answer NO?. Archives of Internal Medicine, 1993, 153, 896.	3.8	33
193	MicroRNA and Mechanisms of Impaired Angiogenesis in Diabetes Mellitus. Circulation, 2011, 123, 236-238.	1.6	33
194	A comparison of the pro-angiogenic potential of human induced pluripotent stem cell derived endothelial cells and induced endothelial cells in a murine model of peripheral arterial disease. International Journal of Cardiology, 2017, 234, 81-89.	1.7	33
195	Peripheral Blood Cytokine Levels After Acute Myocardial Infarction. Circulation Research, 2017, 120, 1947-1957.	4.5	33
196	Reservoir of Fibroblasts Promotes Recovery From Limb Ischemia. Circulation, 2020, 142, 1647-1662.	1.6	33
197	Role of Digital Artery Adrenoceptors in Raynaud's Disease. Vascular Medicine, 1997, 2, 1-7.	1.5	32
198	Relationship of asymmetric dimethylarginine and homocysteine to vascular aging in systemic lupus erythematosus patients. Arthritis and Rheumatism, 2010, 62, 1718-1722.	6.7	32

#	ARTICLE	IF	CITATIONS
199	Sex differences in the prevalence of peripheral artery disease in patients undergoing coronary catheterization. <i>Vascular Medicine</i> , 2010, 15, 443-450.	1.5	32
200	Therapeutic transdifferentiation of human fibroblasts into endothelial cells using forced expression of lineage-specific transcription factors. <i>Journal of Tissue Engineering</i> , 2016, 7, 204173141662832.	5.5	32
201	Identification of Bone Marrow Cell Subpopulations Associated with Improved Functional Outcomes in Patients with Chronic Left Ventricular Dysfunction: An Embedded Cohort Evaluation of the FOCUS-CCTRN Trial. <i>Cell Transplantation</i> , 2016, 25, 1675-1687.	2.5	32
202	The role of nitric oxide in atherosclerosis. <i>Coronary Artery Disease</i> , 1999, 10, 277-286.	0.7	31
203	ADMA: an emerging cardiovascular risk factor. <i>Vascular Medicine</i> , 2005, 10, S1-S2.	1.5	31
204	Bioluminescence Imaging of Stem Cell-Based Therapeutics for Vascular Regeneration. <i>Theranostics</i> , 2012, 2, 346-354.	10.0	31
205	A Novel and Potent Inhibitor of Dimethylarginine Dimethylaminohydrolase: A Modulator of Cardiovascular Nitric Oxide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 348, 69-76.	2.5	31
206	TBX20 Regulates Angiogenesis Through the Prokineticin 2â€“Prokineticin Receptor 1 Pathway. <i>Circulation</i> , 2018, 138, 913-928.	1.6	31
207	3D Bioprinted Multicellular Vascular Models. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101141.	7.6	31
208	Identification and Classification of Acute Cardiac Rejection by Intragraft Transcriptional Profiling. <i>Circulation</i> , 2011, 123, 2236-2243.	1.6	30
209	Clinical Trials of Adult Stem Cell Therapy for Peripheral Artery Disease. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 9, 201.	1.0	30
210	Suboptimal intensity of risk factor modification in PAD. <i>Vascular Medicine</i> , 2005, 10, 91-96.	1.5	29
211	Asymmetric dimethyl-arginine and coronary artery calcification in young adults entering middle age: the CARDIA Study. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007, 14, 222-229.	2.8	29
212	Topical Mecamylamine for Diabetic Macular Edema. <i>American Journal of Ophthalmology</i> , 2010, 149, 839-851.e1.	3.3	29
213	Development of pluripotent stem cells for vascular therapy. <i>Vascular Pharmacology</i> , 2012, 56, 288-296.	2.1	29
214	L-arginine and nitric oxide-related compounds in plasma: comparison of normal and arginine-free diets in a 24-h crossover study. <i>Vascular Medicine</i> , 1999, 4, 27-32.	1.5	28
215	Frequent Occult Infection with Cytomegalovirus in Cardiac Transplant Recipients despite Antiviral Prophylaxis. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1804-1810.	3.9	28
216	Effect of Physical Activity Assessment on Prognostication for Peripheral Artery Disease and Mortality. <i>Mayo Clinic Proceedings</i> , 2015, 90, 339-345.	3.0	28

#	ARTICLE	IF	CITATIONS
217	Cardiomyocyte Maturation Requires TLR3 Activated Nuclear Factor Kappa B. <i>Stem Cells</i> , 2018, 36, 1198-1209.	3.2	28
218	Retinoic Acid Inducible Gene 1 Protein (RIG1)-Like Receptor Pathway Is Required for Efficient Nuclear Reprogramming. <i>Stem Cells</i> , 2017, 35, 1197-1207.	3.2	27
219	Microengineered Human Veinâ€Chip Recreates Venous Valve Architecture and Its Contribution to Thrombosis. <i>Small</i> , 2020, 16, e2003401.	10.0	27
220	Two Cardiovascular Risk Factors in One? Homocysteine and Its Relation to Glomerular Filtration Rate. <i>Kidney and Blood Pressure Research</i> , 2008, 31, 259-267.	2.0	25
221	Genetic determinants of the ankle-brachial index: A meta-analysis of a cardiovascular candidate gene 50K SNP panel in the candidate gene association resource (CARE) consortium. <i>Atherosclerosis</i> , 2012, 222, 138-147.	0.8	25
222	Vascular Inflammation: A Novel Access Route for Nanomedicine. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 12, 169.	1.0	25
223	Machine learning uncovers cell identity regulator by histone code. <i>Nature Communications</i> , 2020, 11, 2696.	12.8	25
224	Rationale and Design for PACE: Patients with Intermittent Claudication Injected with ALDH Bright Cells. <i>American Heart Journal</i> , 2014, 168, 667-673.e2.	2.7	24
225	aYAP modRNA reduces cardiac inflammation and hypertrophy in a murine ischemia-reperfusion model. <i>Life Science Alliance</i> , 2020, 3, e201900424.	2.8	24
226	Cholinergic activation of hematopoietic stem cells: role in tobacco-related disease?. <i>Vascular Medicine</i> , 2010, 15, 375-385.	1.5	23
227	FXR Agonist INT-747 Upregulates DDAH Expression and Enhances Insulin Sensitivity in High-Salt Fed Dahl Rats. <i>PLoS ONE</i> , 2013, 8, e60653.	2.5	23
228	A Compendium on Peripheral Arterial Disease. <i>Circulation Research</i> , 2015, 116, 1505-1508.	4.5	23
229	Polymer-DNA Nanoparticle-Induced CXCR4 Overexpression Improves Stem Cell Engraftment and Tissue Regeneration in a Mouse Hindlimb Ischemia Model. <i>Theranostics</i> , 2016, 6, 1176-1189.	10.0	23
230	The pivotal role of nitric oxide for vascular health. <i>Canadian Journal of Cardiology</i> , 2004, 20 Suppl B, 7B-15B.	1.7	23
231	ADMA: its role in vascular disease. <i>Vascular Medicine</i> , 2005, 10, S11-S17.	1.5	22
232	ADMA: an emerging cardiovascular risk factor. <i>Vascular Medicine</i> , 2005, 10, S1-S2.	1.5	21
233	Î²2â€Microglobulin, Cystatin C, and Creatinine and Risk of Symptomatic Peripheral Artery Disease. <i>Journal of the American Heart Association</i> , 2014, 3, .	3.7	21
234	Lmo2 (LIM-Domain-Only 2) Modulates Sphk1 (Sphingosine Kinase) and Promotes Endothelial Cell Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1860-1868.	2.4	21

#	ARTICLE	IF	CITATIONS
235	Rapid and Efficient Vascular Transport of Arginine Polymers Inhibits Myointimal Hyperplasia. <i>Circulation</i> , 2000, 102, 2629-2635.	1.6	20
236	Asymmetric Dimethylarginine and Cardiac Allograft Vasculopathy Progression: Modulation by Sirolimus. <i>Transplantation</i> , 2008, 85, 827-833.	1.0	20
237	Usefulness of the Addition of Beta-2-Microglobulin, Cystatin C and C-Reactive Protein to an Established Risk Factors Model to Improve Mortality Risk Prediction in Patients Undergoing Coronary Angiography. <i>American Journal of Cardiology</i> , 2013, 111, 851-856.	1.6	20
238	Clinical and socioeconomic factors associated with unrecognized peripheral artery disease. <i>Vascular Medicine</i> , 2014, 19, 289-296.	1.5	20
239	Building a partnership between vascular medicine and vascular surgery: A coalition for the future of vascular care. <i>Journal of Vascular Surgery</i> , 1996, 23, 918-925.	1.1	19
240	Postgraduate training in vascular medicine: proposed requirements and standards. <i>Vascular Medicine</i> , 2003, 8, 47-52.	1.5	19
241	Development of a Dimethylarginine Dimethylaminohydrolase (DDAH) Assay for High-Throughput Chemical Screening. <i>Journal of Biomolecular Screening</i> , 2012, 17, 651-661.	2.6	19
242	LIM Domain Only 2 Regulates Endothelial Proliferation, Angiogenesis, and Tissue Regeneration. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	19
243	Cardiovascular Risk of Proton Pump Inhibitors. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 15, 214.	1.0	19
244	Nutraceuticals for cardiovascular health. <i>American Journal of Cardiology</i> , 1998, 82, 43S-46S.	1.6	18
245	Therapeutic Transdifferentiation. <i>Circulation Research</i> , 2013, 112, 748-750.	4.5	18
246	Walking Impairment Questionnaire Improves Mortality Risk Prediction Models in a High-Risk Cohort Independent of Peripheral Arterial Disease Status. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013, 6, 255-261.	2.2	18
247	Bone marrow cell characteristics associated with patient profile and cardiac performance outcomes in the LateTIME-Cardiovascular Cell Therapy Research Network (CCTRN) trial. <i>American Heart Journal</i> , 2016, 179, 142-150.	2.7	18
248	Acute Myocardial Infarction in a Young Woman with Systemic Lupus Erythematosus. <i>Vascular Medicine</i> , 1996, 1, 19-23.	1.5	17
249	A Novel Mechanism for Pulmonary Arterial Hypertension?. <i>Circulation</i> , 2003, 108, 1420-1421.	1.6	17
250	Effects of Dimethylarginine Dimethylaminohydrolase ¹ Overexpression on the Response of the Pulmonary Vasculature to Hypoxia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 491-500.	2.9	17
251	Telomerase Therapy to Reverse Cardiovascular Senescence. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 11, 172.	1.0	17
252	Nuclear S-Nitrosylation Defines an Optimal Zone for Inducing Pluripotency. <i>Circulation</i> , 2019, 140, 1081-1099.	1.6	17

#	ARTICLE	IF	CITATIONS
253	Mechanotransduction-on-chip: vessel-chip model of endothelial YAP mechanobiology reveals matrix stiffness impedes shear response. <i>Lab on A Chip</i> , 2021, 21, 1738-1751.	6.0	17
254	Go With the Flow. <i>Circulation</i> , 2001, 103, 2773-2775.	1.6	16
255	Randomized trial of AT-1015 for treatment of intermittent claudication. A novel 5-hydroxytryptamine antagonist with no evidence of efficacy. <i>Vascular Medicine</i> , 2004, 9, 18-25.	1.5	16
256	Hypercholesterolemia impairs exercise capacity in mice. <i>Vascular Medicine</i> , 2009, 14, 249-257.	1.5	16
257	Identification of cardiovascular risk factors associated with bone marrow cell subsets in patients with STEMI: a biorepository evaluation from the CCTRN TIME and LateTIME clinical trials. <i>Basic Research in Cardiology</i> , 2017, 112, 3.	5.9	16
258	Dysfunction of iPSC-derived endothelial cells in human Hutchinsonâ€™Gilford progeria syndrome. <i>Cell Cycle</i> , 2019, 18, 2495-2508.	2.6	16
259	mRNA-Enhanced Cell Therapy and Cardiovascular Regeneration. <i>Cells</i> , 2021, 10, 187.	4.1	16
260	Dietary nitrate, nitric oxide, and restenosis. <i>Journal of Clinical Investigation</i> , 2011, 121, 1258-1260.	8.2	16
261	Vascular compliance versus flow-mediated vasodilation: correlation with cardiovascular risk factors. <i>Vascular Medicine</i> , 2005, 10, 275-283.	1.5	15
262	Extensive characterization of the human DDAH1 transgenic mice. <i>Pharmacological Research</i> , 2009, 60, 494-502.	7.1	15
263	Embryonic Stem Cell-Derived Endothelial Cells for Treatment of Hindlimb Ischemia. <i>Journal of Visualized Experiments</i> , 2009, , .	0.3	15
264	Endotheliopathy of Obesity. <i>Circulation</i> , 2020, 142, 380-383.	1.6	15
265	Unsupervised Learning for Automated Detection of Coronary Artery Disease Subgroups. <i>Journal of the American Heart Association</i> , 2021, 10, e021976.	3.7	15
266	Therapeutic Interventions in Endothelial Dysfunction: Endothelium as a Target Organ. <i>Clinical Cardiology</i> , 1997, 20, II-45.	1.8	14
267	Nutraceuticals for cardiovascular health. <i>American Journal of Cardiology</i> , 1998, 82, S43-S46.	1.6	14
268	DDAH: A target for vascular therapy?. <i>Vascular Medicine</i> , 2010, 15, 235-238.	1.5	14
269	Endovascular correction of cerebrovenous anomalies in multiple sclerosis: A retrospective review of an uncontrolled case series. <i>Vascular Medicine</i> , 2012, 17, 131-137.	1.5	14
270	A validated biomarker panel to identify peripheral artery disease. <i>Vascular Medicine</i> , 2012, 17, 386-393.	1.5	14

#	ARTICLE	IF	CITATIONS
271	Innate immunity and epigenetic plasticity in cellular reprogramming. <i>Current Opinion in Genetics and Development</i> , 2014, 28, 89-91.	3.3	13
272	Enhancing Stent Effectiveness with Nanofeatures. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 12, 163.	1.0	13
273	Transflammation: Innate immune signaling in nuclear reprogramming. <i>Advanced Drug Delivery Reviews</i> , 2017, 120, 133-141.	13.7	13
274	Acute and Chronic Cardiovascular Manifestations of COVID-19: Role for Endotheliopathy. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 17, 53-62.	1.0	13
275	NOx and ADMA changes with focal ischemia, amelioration with the chaperonin GroEL. <i>Neuroscience Letters</i> , 2007, 418, 201-204.	2.1	12
276	Targeted delivery of human iPS-ECs overexpressing IL-8 receptors inhibits neointimal and inflammatory responses to vascular injury in the rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H705-H715.	3.2	12
277	Telomerase mRNA Reverses Senescence in Progeria Cells. <i>Journal of the American College of Cardiology</i> , 2017, 70, 804-805.	2.8	12
278	Chemotaxis of human induced pluripotent stem cell-derived endothelial cells. <i>American Journal of Translational Research (discontinued)</i> , 2013, 5, 510-20.	0.0	12
279	Short Polymers of Arginine Rapidly Translocate Into Vascular Cells. <i>Circulation Journal</i> , 2002, 66, 1155-1160.	1.6	11
280	Transflammation: How Innate Immune Activation and Free Radicals Drive Nuclear Reprogramming. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 205-218.	5.4	11
281	RNA therapeutics for cardiovascular disease. <i>Current Opinion in Cardiology</i> , 2021, 36, 256-263.	1.8	11
282	Biomimetic and immunomodulatory therapeutics as an alternative to natural exosomes for vascular and cardiac applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 35, 102385.	3.3	11
283	Nuclear S-nitrosylation impacts tissue regeneration in zebrafish. <i>Nature Communications</i> , 2021, 12, 6282.	12.8	11
284	Asymmetric dimethylarginine (ADMA): an endogenous inhibitor of angiogenesis. <i>European Journal of Clinical Pharmacology</i> , 2006, 62, 115-121.	1.9	10
285	Should We Measure Asymmetric Dimethylarginine in Patients with Coronary Artery Disease?. <i>Clinical Chemistry</i> , 2007, 53, 161-163.	3.2	10
286	Lymphangiogenesis. <i>Circulation</i> , 2012, 125, 853-855.	1.6	10
287	Biomimetic nano drug delivery carriers for treating cardiovascular diseases. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 33, 102360.	3.3	10
288	The Gap Between Knowledge and Practice in the Treatment and Prevention of Cardiovascular Disease. <i>Preventive Cardiology</i> , 2000, 3, 167-171.	1.1	9

#	ARTICLE	IF	CITATIONS
289	Task Force 11: Training in Vascular Medicine and Peripheral Vascular Catheter-Based Interventions. <i>Journal of the American College of Cardiology</i> , 2008, 51, 398-404.	2.8	9
290	Solubility partner IF2 Domain I enables high yield synthesis of transducible transcription factors in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2011, 80, 145-151.	1.3	9
291	Inflammation-targeted vascular nanomedicine. <i>Nature Biomedical Engineering</i> , 2018, 2, 269-270.	22.5	9
292	Fli1 ⁺ cells transcriptional analysis reveals an Lmo2-Prdm16 axis in angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
293	Cholesterol-induced upregulation of angiotensin II and its effects on monocyte-endothelial interaction and superoxide production. <i>Vascular Medicine</i> , 2001, 6, 133-138.	1.5	8
294	A Novel Bioluminescent Tumor Model of Human Renal Cancer Cell Lines: An In Vitro and In Vivo Characterization. <i>Journal of Urology</i> , 2007, 177, 2342-2346.	0.4	8
295	Induced Pluripotent Stem Cells: How They Will Change the Practice of Cardiovascular Medicine. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 9, 206.	1.0	8
296	Characterization of a Fluorescent Probe for Imaging Nitric Oxide. <i>Journal of Vascular Research</i> , 2014, 51, 68-79.	1.4	8
297	New Insights into Tobacco-Induced Vascular Disease: Clinical Ramifications. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 11, 156.	1.0	8
298	Mechanisms of Atherosclerosis: New Insights and Novel Therapeutic Approaches. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 11, 154.	1.0	8
299	The Nicotinic Cholinergic Pathway Contributes to Retinal Neovascularization in a Mouse Model of Retinopathy of Prematurity. , 2017, 58, 1296.		8
300	Effects of Growth Factors and L-Arginine on Ischemic Skin Flaps in Rats. <i>Veterinary Surgery</i> , 1995, 24, 484-491.	1.0	7
301	Flow-responsive remodeling after angioplasty is enhanced by high cholesterol diet. Prevention with pyrrolidine dithiocarbamate. <i>Atherosclerosis</i> , 2003, 168, 333-341.	0.8	7
302	Exercise patterns and cardiovascular fitness of patients with peripheral arterial disease. <i>Journal of Vascular Nursing</i> , 2004, 22, 109-114.	0.7	7
303	Predictors of Physical Function in Patients With Peripheral Arterial Disease and Claudication. <i>Progress in Cardiovascular Nursing</i> , 2004, 19, 85-90.	0.4	7
304	Response to Letters Regarding Article, "Unexpected Effect of Proton Pump Inhibitors: Elevation of the Cardiovascular Risk Factor Asymmetric Dimethylarginine". <i>Circulation</i> , 2014, 129, e428.	1.6	7
305	Discovery of novel determinants of endothelial lineage using chimeric heterokaryons. <i>ELife</i> , 2017, 6, .	6.0	7
306	The 1998 Nobel prize in Medicine: clinical implications for 1999 and beyond. <i>Vascular Medicine</i> , 1999, 4, 57-60.	1.5	6

#	ARTICLE	IF	CITATIONS
307	Abnormal cardiovascular response to exercise in patients with peripheral arterial disease: Implications for management. <i>Journal of Vascular Nursing</i> , 2005, 23, 130-136.	0.7	6
308	Self-Reported History of Childhood Smoking Is Associated with an Increased Risk for Peripheral Arterial Disease Independent of Lifetime Smoking Burden. <i>PLoS ONE</i> , 2014, 9, e88972.	2.5	6
309	The combination of 9p21.3 genotype and biomarker profile improves a peripheral artery disease risk prediction model. <i>Vascular Medicine</i> , 2014, 19, 3-8.	1.5	6
310	Felodipine Inhibits Intimal Lesion Formation in the Hypercholesterolemic Rabbit: Differential Effects on Endothelial and Monocyte Determinants of Atherogenesis. <i>Vascular Medicine</i> , 1996, 1, 173-179.	1.5	5
311	Therapeutic Transdifferentiation: Can we Generate Cardiac Tissue Rather Than Scar after Myocardial Injury?. <i>Methodist DeBakey Cardiovascular Journal</i> , 2013, 9, 210-212.	1.0	5
312	The Society for Vascular Medicine: The first quarter century. <i>Vascular Medicine</i> , 2015, 20, 60-68.	1.5	5
313	Cardiac Shockwave Therapy â€“ A Novel Therapy for Ischemic Cardiomyopathy?. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	5
314	A Peculiar Result and a Fanciful Hypothesis Regarding l -Arginine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 1128-1128.	2.4	4
315	Two Decades of Progress in Vascular Medicine. <i>American Journal of Medicine</i> , 2011, 124, 791-792.	1.5	4
316	Imaging Vascular Nicotine Receptors. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 537-539.	5.3	4
317	MACMIC Reveals A Dual Role of CTCF in Epigenetic Regulation of Cell Identity Genes. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 140-153.	6.9	4
318	Nitric Oxide and Vascular Disease. , 2000, , 759-783.		4
319	Dietary Supplements: Facts and Fallacies. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 15, 169.	1.0	4
320	Endothelial thioredoxin interacting protein (TXNIP) modulates endothelium-dependent vasorelaxation in hyperglycemia. <i>Microvascular Research</i> , 2022, 143, 104396.	2.5	4
321	A Missing LNC in Vascular Diseases. <i>Circulation Research</i> , 2017, 121, 320-322.	4.5	3
322	Asymmetric dimethylarginine predicts impaired epicardial coronary vasomotion in patients with angina in the absence of obstructive coronary artery disease. <i>International Journal of Cardiology</i> , 2020, 299, 7-11.	1.7	3
323	Maintaining the Endothelium: Preventive Strategies for Vessel Integrity. <i>Preventive Cardiology</i> , 2000, 3, 172-177.	1.1	3
324	Maintaining the Endothelium: Preventive Strategies for Vessel Integrity. <i>Preventive Cardiology</i> , 2001, 4, 28-37.	1.1	2

#	ARTICLE	IF	CITATIONS
325	Therapeutic Transdifferentiation: A Novel Approach for Ischemic Syndromes. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 11, 176.	1.0	2
326	Response to Letter Regarding Article "Transdifferentiation of Human Fibroblasts to Endothelial Cells: Role of Innate Immunity". <i>Circulation</i> , 2015, 132, e197.	1.6	2
327	Emerging nanotechnologies in cardiovascular medicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 39, 102472.	3.3	2
328	Pathophysiology of Atherosclerotic Vascular Disease. <i>Disease Management and Health Outcomes</i> , 1997, 2, 1-8.	0.4	1
329	Arginine Metabolism, Pulmonary Hypertension, and Sickle Cell Disease. <i>JAMA - Journal of the American Medical Association</i> , 2005, 294, 2432.	7.4	1
330	Response to Letter by Tsuda. <i>Stroke</i> , 2006, 37, 2871-2871.	2.0	1
331	SVMB Presidential address. <i>Vascular Medicine</i> , 2007, 12, 215-218.	1.5	1
332	In Memoriam of John T. Shepherd, MD, DSc. <i>Circulation</i> , 2012, 125, 393-394.	1.6	1
333	Lansoprazole Worsens Asthma Control in Poor Metabolizers: Is Nitric Oxide Involved?. <i>Annals of the American Thoracic Society</i> , 2015, 12, 1109-1110.	3.2	1
334	Novel Markers for Adverse Events in Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2018, 72, 734-737.	2.8	1
335	Induced endothelial cells from peripheral arterial disease patients and neonatal fibroblasts have comparable angiogenic properties. <i>PLoS ONE</i> , 2021, 16, e0255075.	2.5	1
336	Role of Innate Immune Signaling in Nuclear Reprogramming. , 2016, , 291-305.		1
337	Endothelial Dysfunction-related Neurological Bleeds with Continuous Flow-Left Ventricular Assist Devices Measured by Digital Thermal Monitor. <i>ASAIO Journal</i> , 2021, 67, 561-566.	1.6	1
338	Diffuse coronary artery disease and endothelial dysfunction: form follows function. <i>ACC Current Journal Review</i> , 2000, 9, 19-25.	0.1	0
339	Statins and Angiogenesis. , 2004, , 271-284.		0
340	Re: The American "Board" of Vascular Medicine: Questions and Concerns. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 917-918.	0.5	0
341	Letter by Kielstein et al Regarding Article, "Renal Function as a Predictor of Outcome in a Broad Spectrum of Patients With Heart Failure". <i>Circulation</i> , 2006, 114, e242; author reply e243.	1.6	0
342	Task force 11: Training in vascular medicine and peripheral vascular catheter-based interventions: Endorsed by the Society for Cardiovascular Angiography and Interventions and the Society for Vascular Medicine. <i>Catheterization and Cardiovascular Interventions</i> , 2008, 71, 454-460.	1.7	0

#	ARTICLE	IF	CITATIONS
343	Response to Letter Regarding Article, "L-Arginine Supplementation in Peripheral Arterial Disease: No Benefit and Possible Harm" Circulation, 2008, 117, .	1.6	0
344	Response to Letter Regarding Article, "2-Microglobulin as a Biomarker in Peripheral Arterial Disease: Proteomic Profiling and Clinical Studies" Circulation, 2008, 117, .	1.6	0
345	Letter by Stuehlinger et al Regarding Article, "Metabolic Profiling of Arginine and Nitric Oxide Pathways Predicts Hemodynamic Abnormalities and Mortality in Patients With Cardiogenic Shock After Acute Myocardial Infarction" Circulation, 2008, 118, e149; author reply e150.	1.6	0
346	Frequent Occult Infection with Cytomegalovirus in Cardiac Transplant Recipients despite Antiviral Prophylaxis. Journal of Clinical Microbiology, 2008, 46, 4121-4121.	3.9	0
347	Endothelial Biomedicine. Circulation, 2008, 117, .	1.6	0
348	Reply. Gastroenterology, 2016, 150, 528.	1.3	0
349	Caveats on modeling of nuclear biomechanics. Molecular Biology of the Cell, 2020, 31, 2421-2422.	2.1	0
350	On Our Doorstep, A Precious Cargo From MSCs. JACC Basic To Translational Science, 2020, 5, 1142-1144.	4.1	0
351	Diseases of the Lymphatic Circulation. , 2006, , 843-858.		0
352	Overexpression of DDAH in mice inhibits effects of ADMA on endothelial function in the cerebral circulation.. FASEB Journal, 2006, 20, A731.	0.5	0
353	Nutritional Impact on the Nitric Oxide Pathway. , 2011, , 97-122.		0
354	Abstract 269: Collagen Topographical Patterning Modulates Endothelial Cell Morphology, Gene Expression and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	2.4	0
355	Nutritional Impact on the Nitric Oxide Pathway. , 2017, , 111-128.		0
356	Transflammation: A New Frontier In Regenerative Medicine. , 2018, , .		0
357	Transplant Arteriopathy: Role of Nitric Oxide Synthase. , 2006, , 435-454.		0
358	Abstract 30: Leveraging the Innate Immunity Pathway for Transdifferentiation of Fibroblasts to Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	2.4	0
359	Abstract 83: Nanopatterned Collagen Scaffolds Promote Blood Perfusion in the Ischemic Limb. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0
360	At the nexus of science, engineering, and medicine: Pasteur's quadrant reconsidered. , 2022, 1, .		0