

John P Cooke

List of Publications by Year in descending order

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Version: 2024-02-01

360
papers

30,267
citations

3515

90
h-index

5663

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.	15.2	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.	3.3	747
4	Nicotine stimulates angiogenesis and promotes tumor growth and atherosclerosis. <i>Nature Medicine</i> , 2001, 7, 833-839.	15.2	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.	5.0	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.	1.1	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.	3.8	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.	1.2	352
16	Activation of Innate Immunity Is Required for Efficient Nuclear Reprogramming. <i>Cell</i> , 2012, 151, 547-558.	18.5	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.	0.7	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.	0.4	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.	1.1	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.	2.0	267
23	Proton Pump Inhibitor Usage and the Risk of Myocardial Infarction in the General Population. <i>PLoS ONE</i> , 2015, 10, e0124653.	1.1	259
24	Phytoestrogens and cardiovascular health. <i>Journal of the American College of Cardiology</i> , 2000, 35, 1403-1410.	1.2	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.	3.9	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.	1.1	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.	1.2	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.	1.4	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.	1.2	223
34	Nonbone Marrow-Derived Circulating Progenitor Cells Contribute to Postnatal Neovascularization Following Tissue Ischemia. <i>Circulation Research</i> , 2007, 100, 581-589.	2.0	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.	1.2	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.	2.3	194
40	ADMA Increases Arterial Stiffness and Decreases Cerebral Blood Flow in Humans. <i>Stroke</i> , 2006, 37, 2024-2029.	1.0	193
41	Modulating the Vascular Response to Limb Ischemia. <i>Circulation Research</i> , 2015, 116, 1561-1578.	2.0	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.	1.4	174
45	Regression or Progression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 44-50.	1.1	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.	1.2	167
49	A novel angiogenic pathway mediated by non-neuronal nicotinic acetylcholine receptors. <i>Journal of Clinical Investigation</i> , 2002, 110, 527-536.	3.9	163
50	Direct induction of haematoendothelial programs in human pluripotent stem cells by transcriptional regulators. <i>Nature Communications</i> , 2014, 5, 4372.	5.8	160
51	Decongestive lymphatic therapy for patients with cancer-related or primary lymphedema. <i>American Journal of Medicine</i> , 2000, 109, 296-300.	0.6	159
52	Nicotine Accelerates Angiogenesis and Wound Healing in Genetically Diabetic Mice. <i>American Journal of Pathology</i> , 2002, 161, 97-104.	1.9	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, , .	0.2	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.	1.8	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.	0.5	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.	1.1	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.	3.3	125
66	Mechanisms of Raynaud's disease. <i>Vascular Medicine</i> , 2005, 10, 293-307.	0.8	124
67	Asymmetric Dimethylarginine Increases Mononuclear Cell Adhesiveness in Hypercholesterolemic Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1040-1046.	1.1	123
68	Second hand smoke stimulates tumor angiogenesis and growth. <i>Cancer Cell</i> , 2003, 4, 191-196.	7.7	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.	1.2	119
70	Microenvironmental VEGF distribution is critical for stable and functional vessel growth in ischemia. <i>FASEB Journal</i> , 2006, 20, 2657-2659.	0.2	117
71	Conversion of Human Fibroblasts to Functional Endothelial Cells by Defined Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1366-1375.	1.1	113
72	State-of-the-Art Methods for Evaluation of Angiogenesis and Tissue Vascularization. <i>Circulation Research</i> , 2015, 116, e99-132.	2.0	113

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73	Nicotine promotes arteriogenesis. <i>Journal of the American College of Cardiology</i> , 2003, 41, 489-496.	1.2	112
74	Proton Pump Inhibitors Accelerate Endothelial Senescence. <i>Circulation Research</i> , 2016, 118, e36-42.	2.0	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.	1.5	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.	0.6	109
78	Optimal ROS Signaling Is Critical for Nuclear Reprogramming. <i>Cell Reports</i> , 2016, 15, 919-925.	2.9	108
79	Rapamycin-Loaded Biomimetic Nanoparticles Reverse Vascular Inflammation. <i>Circulation Research</i> , 2020, 126, 25-37.	2.0	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.	1.8	105
81	Inflammation and Its Role in Regeneration and Repair. <i>Circulation Research</i> , 2019, 124, 1166-1168.	2.0	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.	0.8	101
84	The endothelium: a new target for therapy. <i>Vascular Medicine</i> , 2000, 5, 49-53.	0.8	100
85	Nicotine and pathological angiogenesis. <i>Life Sciences</i> , 2012, 91, 1058-1064.	2.0	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.	1.4	99
87	Endothelium-Dependent Relaxations in Human Arteries. <i>Mayo Clinic Proceedings</i> , 1987, 62, 601-606.	1.4	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.	1.1	96
90	The role of nicotine in the pathogenesis of atherosclerosis. <i>Atherosclerosis</i> , 2011, 215, 281-283.	0.4	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.	0.6	95
92	Dimethylarginine Dimethylaminohydrolase Overexpression Enhances Insulin Sensitivity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 692-697.	1.1	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.	0.6	93
94	Assessing Endothelial Vasodilator Function with the Endo-PAT 2000. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	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.	1.1	90
97	AIBP-mediated cholesterol efflux instructs hematopoietic stem and progenitor cell fate. <i>Science</i> , 2019, 363, 1085-1088.	6.0	90
98	Endothelial Progenitor Cells Participate in Nicotine-Mediated Angiogenesis. <i>Journal of the American College of Cardiology</i> , 2006, 48, 2553-2560.	1.2	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.	1.3	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.	1.2	86
103	Angiogenesis and the role of the endothelial nicotinic acetylcholine receptor. <i>Life Sciences</i> , 2007, 80, 2347-2351.	2.0	86
104	Insulin resistance: potential role of the endogenous nitric oxide synthase inhibitor ADMA. <i>Vascular Medicine</i> , 2005, 10, S35-S43.	0.8	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.	0.2	85
107	Biomarkers of Peripheral Arterial Disease. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2017-2023.	1.2	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.	0.8	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.	5.7	82
110	New Directions in Therapeutic Angiogenesis and Arteriogenesis in Peripheral Arterial Disease. <i>Circulation Research</i> , 2021, 128, 1944-1957.	2.0	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.	1.1	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.	0.2	79
114	Endothelial Nicotinic Acetylcholine Receptors and Angiogenesis. <i>Trends in Cardiovascular Medicine</i> , 2008, 18, 247-253.	2.3	78
115	Overexpression of Dimethylarginine Dimethylaminohydrolase Inhibits Asymmetric Dimethylarginine-Induced Endothelial Dysfunction in the Cerebral Circulation. <i>Stroke</i> , 2008, 39, 180-184.	1.0	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.	2.5	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.	1.2	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.	1.3	75
120	Dimethylarginine Dimethylaminohydrolase Promotes Endothelial Repair After Vascular Injury. <i>Journal of the American College of Cardiology</i> , 2007, 49, 1099-1105.	1.2	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.	0.8	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.	1.1	68
125	Differential expression of nitric oxide by dermal microvascular endothelial cells from patients with scleroderma. <i>Vascular Medicine</i> , 2000, 5, 147-158.	0.8	68
126	Cardiac Allograft Vasculopathy and Dysregulation of the NO Synthase Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 567-575.	1.1	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.	0.3	68
128	Vascular Regeneration in Peripheral Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1627-1634.	1.1	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.	2.0	65
130	Bone Marrow Characteristics Associated With Changes in Infarct Size After STEMI. <i>Circulation Research</i> , 2015, 116, 99-107.	2.0	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.	1.1	61
132	Aligned nanofibrillar collagen regulates endothelial organization and migration. <i>Regenerative Medicine</i> , 2012, 7, 649-661.	0.8	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.	1.2	59
134	Asymmetric Dimethyl L-Arginine (ADMA) is a critical regulator of myocardial reperfusion injury. <i>Cardiovascular Research</i> , 2007, 75, 417-425.	1.8	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.	0.3	58
137	Aligned-Braided Nanofibrillar Scaffold with Endothelial Cells Enhances Arteriogenesis. <i>ACS Nano</i> , 2015, 9, 6900-6908.	7.3	58
138	Isoflavones improve vascular reactivity in post-menopausal women with hypercholesterolemia. <i>Vascular Medicine</i> , 2004, 9, 26-30.	0.8	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.	0.8	57
140	A Critical Role for Thioredoxin-Interacting Protein in Diabetes-Related Impairment of Angiogenesis. <i>Diabetes</i> , 2014, 63, 675-687.	0.3	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, .	1.1	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.	5.7	56
144	Aligned nanofibrillar collagen scaffolds “ Guiding lymphangiogenesis for treatment of acquired lymphedema. <i>Biomaterials</i> , 2016, 102, 259-267.	5.7	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.	2.3	52
146	Tissue-specific downregulation of dimethylarginine dimethylaminohydrolase in hyperhomocysteinemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H816-H825.	1.5	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.	1.2	52
148	Plasma homocysteine, dietary B vitamins, betaine, and choline and risk of peripheral artery disease. <i>Atherosclerosis</i> , 2014, 235, 94-101.	0.4	52
149	Cholinergic modulation of angiogenesis: Role of the 7 nicotinic acetylcholine receptor. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 433-446.	1.2	51
150	nAChRs Mediate Human Embryonic Stem Cell-Derived Endothelial Cells: Proliferation, Apoptosis, and Angiogenesis. <i>PLoS ONE</i> , 2009, 4, e7040.	1.1	50
151	DDAH Says NO to ADMA. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1462-1464.	1.1	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.	3.1	50
153	A matrix micropatterning platform for cell localization and stem cell fate determination. <i>Acta Biomaterialia</i> , 2010, 6, 4614-4621.	4.1	49
154	AIBP Limits Angiogenesis Through β -Secretase-Mediated Upregulation of Notch Signaling. <i>Circulation Research</i> , 2017, 120, 1727-1739.	2.0	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.	1.3	48
156	Atherogenesis and the arginine hypothesis. <i>Current Atherosclerosis Reports</i> , 2001, 3, 252-259.	2.0	47
157	A biomarker panel for peripheral arterial disease. <i>Vascular Medicine</i> , 2008, 13, 217-224.	0.8	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.	2.4	47
159	Endothelial Cells Derived From Nuclear Reprogramming. <i>Circulation Research</i> , 2012, 111, 1363-1375.	2.0	46
160	Anti-CD43 Inhibits Monocyte-Endothelial Adhesion in Inflammation and Atherogenesis. <i>Blood</i> , 1997, 90, 3587-3594.	0.6	45
161	Effects of L-Arginine on Atherogenesis and Endothelial Dysfunction due to Secondhand Smoke. <i>Hypertension</i> , 1999, 34, 44-50.	1.3	45
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