John P Cooke

List of Publications by Year in descending order

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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	Emerging nanotechnologies in cardiovascular medicine. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 39, 102472.	1.7	2
2	Cardiac Shockwave Therapy â€“ A Novel Therapy for Ischemic Cardiomyopathy?. Frontiers in Cardiovascular Medicine, 2022, 9, .	1.1	5
3	Endothelial thioredoxin interacting protein (TXNIP) modulates endothelium-dependent vasorelaxation in hyperglycemia. Microvascular Research, 2022, 143, 104396.	1.1	4
4	At the nexus of science, engineering, and medicine: Pasteur's quadrant reconsidered. , 2022, 1, .		0
5	Clinical Trials of Adult Stem Cell Therapy for Peripheral Artery Disease. Methodist DeBakey Cardiovascular Journal, 2021, 9, 201.	0.5	30
6	Induced Pluripotent Stem Cells: How They Will Change the Practice of Cardiovascular Medicine. Methodist DeBakey Cardiovascular Journal, 2021, 9, 206.	0.5	8
7	Telomerase Therapy to Reverse Cardiovascular Senescence. Methodist DeBakey Cardiovascular Journal, 2021, 11, 172.	0.5	17
8	New Insights into Tobacco-Induced Vascular Disease: Clinical Ramifications. Methodist DeBakey Cardiovascular Journal, 2021, 11, 156.	0.5	8
9	Therapeutic Transdifferentiation: A Novel Approach for Ischemic Syndromes. Methodist DeBakey Cardiovascular Journal, 2021, 11, 176.	0.5	2
10	Mechanisms of Atherosclerosis: New Insights and Novel Therapeutic Approaches. Methodist DeBakey Cardiovascular Journal, 2021, 11, 154.	0.5	8
11	Vascular Inflammation: A Novel Access Route for Nanomedicine. Methodist DeBakey Cardiovascular Journal, 2021, 12, 169.	0.5	25
12	Enhancing Stent Effectiveness with Nanofeatures. Methodist DeBakey Cardiovascular Journal, 2021, 12, 163.	0.5	13
13	Mechanotransduction-on-chip: vessel-chip model of endothelial YAP mechanobiology reveals matrix stiffness impedes shear response. Lab on A Chip, 2021, 21, 1738-1751.	3.1	17
14	MACMIC Reveals A Dual Role of CTCF in Epigenetic Regulation of Cell Identity Genes. Genomics, Proteomics and Bioinformatics, 2021, 19, 140-153.	3.0	4
15	RNA therapeutics for cardiovascular disease. Current Opinion in Cardiology, 2021, 36, 256-263.	0.8	11
16	Biomimetic nano drug delivery carriers for treating cardiovascular diseases. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 33, 102360.	1.7	10
17	New Directions in Therapeutic Angiogenesis and Arteriogenesis in Peripheral Arterial Disease. Circulation Research, 2021, 128, 1944-1957.	2.0	82
18	Fli1 ⁺ cells transcriptional analysis reveals an Lmo2â€“Prdm16 axis in angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	9

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19	3D Bioprinted Multicellular Vascular Models. Advanced Healthcare Materials, 2021, 10, e2101141.	3.9	31
20	Biomimetic and immunomodulatory therapeutics as an alternative to natural exosomes for vascular and cardiac applications. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 35, 102385.	1.7	11
21	Induced endothelial cells from peripheral arterial disease patients and neonatal fibroblasts have comparable angiogenic properties. PLoS ONE, 2021, 16, e0255075.	1.1	1
22	Telomerase therapy reverses vascular senescence and extends lifespan in progeria mice. European Heart Journal, 2021, 42, 4352-4369.	1.0	38
23	mRNA-Enhanced Cell Therapy and Cardiovascular Regeneration. Cells, 2021, 10, 187.	1.8	16
24	Dietary Supplements: Facts and Fallacies. Methodist DeBakey Cardiovascular Journal, 2021, 15, 169.	0.5	4
25	Cardiovascular Risk of Proton Pump Inhibitors. Methodist DeBakey Cardiovascular Journal, 2021, 15, 214.	0.5	19
26	Nuclear S-nitrosylation impacts tissue regeneration in zebrafish. Nature Communications, 2021, 12, 6282.	5.8	11
27	Endothelial Dysfunction-related Neurological Bleeds with Continuous Flow-Left Ventricular Assist Devices Measured by Digital Thermal Monitor. ASAIO Journal, 2021, 67, 561-566.	0.9	1
28	Unsupervised Learning for Automated Detection of Coronary Artery Disease Subgroups. Journal of the American Heart Association, 2021, 10, e021976.	1.6	15
29	Acute and Chronic Cardiovascular Manifestations of COVID-19: Role for Endotheliopathy. Methodist DeBakey Cardiovascular Journal, 2021, 17, 53-62.	0.5	13
30	Asymmetric dimethylarginine predicts impaired epicardial coronary vasomotion in patients with angina in the absence of obstructive coronary artery disease. International Journal of Cardiology, 2020, 299, 7-11.	0.8	3
31	Rapamycin-Loaded Biomimetic Nanoparticles Reverse Vascular Inflammation. Circulation Research, 2020, 126, 25-37.	2.0	106
32	Caveats on modeling of nuclear biomechanics. Molecular Biology of the Cell, 2020, 31, 2421-2422.	0.9	0
33	Microengineered Human Veinâ€Chip Recreates Venous Valve Architecture and Its Contribution to Thrombosis. Small, 2020, 16, e2003401.	5.2	27
34	Endotheliopathy of Obesity. Circulation, 2020, 142, 380-383.	1.6	15
35	Reservoir of Fibroblasts Promotes Recovery From Limb Ischemia. Circulation, 2020, 142, 1647-1662.	1.6	33
36	On Our Doorstep, A Precious Cargo From MSCs. JACC Basic To Translational Science, 2020, 5, 1142-1144.	1.9	0

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37	Machine learning uncovers cell identity regulator by histone code. Nature Communications, 2020, 11, 2696.	5.8	25
38	Vascular Regeneration in Peripheral Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1627-1634.	1.1	66
39	aYAP modRNA reduces cardiac inflammation and hypertrophy in a murine ischemia-reperfusion model. Life Science Alliance, 2020, 3, e201900424.	1.3	24
40	Dysfunction of iPSC-derived endothelial cells in human Hutchinsonâ€“Gilford progeria syndrome. Cell Cycle, 2019, 18, 2495-2508.	1.3	16
41	Nuclear S -Nitrosylation Defines an Optimal Zone for Inducing Pluripotency. Circulation, 2019, 140, 1081-1099.	1.6	17
42	AIBP-mediated cholesterol efflux instructs hematopoietic stem and progenitor cell fate. Science, 2019, 363, 1085-1088.	6.0	90
43	Transient introduction of human telomerase mRNA improves hallmarks of progeria cells. Aging Cell, 2019, 18, e12979.	3.0	34
44	Inflammation and Its Role in Regeneration and Repair. Circulation Research, 2019, 124, 1166-1168.	2.0	104
45	Glycolytic Switch Is Required for Transdifferentiation to Endothelial Lineage. Circulation, 2019, 139, 119-133.	1.6	35
46	Cardiomyocyte Maturation Requires TLR3 Activated Nuclear Factor Kappa B. Stem Cells, 2018, 36, 1198-1209.	1.4	28
47	Integration of induced pluripotent stem cell-derived endothelial cells with polycaprolactone/gelatin-based electrospun scaffolds for enhanced therapeutic angiogenesis. Stem Cell Research and Therapy, 2018, 9, 70.	2.4	47
48	TBX20 Regulates Angiogenesis Through the Prokineticin 2â€“Prokineticin Receptor 1 Pathway. Circulation, 2018, 138, 913-928.	1.6	31
49	Transflammation: How Innate Immune Activation and Free Radicals Drive Nuclear Reprogramming. Antioxidants and Redox Signaling, 2018, 29, 205-218.	2.5	11
50	Novel Markers for Adverse Events in Atrial Fibrillation. Journal of the American College of Cardiology, 2018, 72, 734-737.	1.2	1
51	Induced pluripotent stem cell-derived endothelial cells promote angiogenesis and accelerate wound closure in a murine excisional wound healing model. Bioscience Reports, 2018, 38, .	1.1	57
52	Inflammation-targeted vascular nanomedicine. Nature Biomedical Engineering, 2018, 2, 269-270.	11.6	9
53	Transflammation: A New Frontier In Regenerative Medicine. , 2018, , .		0
54	Retinoic Acid Inducible Gene 1 Protein (RIG1)-Like Receptor Pathway Is Required for Efficient Nuclear Reprogramming. Stem Cells, 2017, 35, 1197-1207.	1.4	27

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55	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.	0.8	33
56	Peripheral Blood Cytokine Levels After Acute Myocardial Infarction. Circulation Research, 2017, 120, 1947-1957.	2.0	33
57	AIBP Limits Angiogenesis Through Î³-Secretase-Mediated Upregulation of Notch Signaling. Circulation Research, 2017, 120, 1727-1739.	2.0	49
58	Transflammation: Innate immune signaling in nuclear reprogramming. Advanced Drug Delivery Reviews, 2017, 120, 133-141.	6.6	13
59	Telomerase mRNA Reverses Senescence in Progeria Cells. Journal of the American College of Cardiology, 2017, 70, 804-805.	1.2	12
60	Lmo2 (LIM-Domain-Only 2) Modulates Sphk1 (Sphingosine Kinase) and Promotes Endothelial Cell Migration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1860-1868.	1.1	21
61	A Missing LNC in Vascular Diseases. Circulation Research, 2017, 121, 320-322.	2.0	3
62	The senescence accelerated mouse prone 8 (SAMP8): A novel murine model for cardiac aging. Ageing Research Reviews, 2017, 35, 291-296.	5.0	37
63	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. Basic Research in Cardiology, 2017, 112, 3.	2.5	16
64	The Nicotinic Cholinergic Pathway Contributes to Retinal Neovascularization in a Mouse Model of Retinopathy of Prematurity. , 2017, 58, 1296.		8
65	Discovery of novel determinants of endothelial lineage using chimeric heterokaryons. ELife, 2017, 6, .	2.8	7
66	Nutritional Impact on the Nitric Oxide Pathway. , 2017, , 111-128.		0
67	Polymer-DNA Nanoparticle-Induced CXCR4 Overexpression Improves Stem Cell Engraftment and Tissue Regeneration in a Mouse Hindlimb Ischemia Model. Theranostics, 2016, 6, 1176-1189.	4.6	23
68	Therapeutic transdifferentiation of human fibroblasts into endothelial cells using forced expression of lineage-specific transcription factors. Journal of Tissue Engineering, 2016, 7, 204173141662832.	2.3	32
69	Bone marrow cell characteristics associated with patient profile and cardiac performance outcomes in the LateTIME-Cardiovascular Cell Therapy Research Network (CCTRN) trial. American Heart Journal, 2016, 179, 142-150.	1.2	18
70	LIM Domain Only 2 Regulates Endothelial Proliferation, Angiogenesis, and Tissue Regeneration. Journal of the American Heart Association, 2016, 5, .	1.6	19
71	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. Cell Transplantation, 2016, 25, 1675-1687.	1.2	32
72	Optimal ROS Signaling Is Critical for Nuclear Reprogramming. Cell Reports, 2016, 15, 919-925.	2.9	108

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73	Proton Pump Inhibitors Accelerate Endothelial Senescence. Circulation Research, 2016, 118, e36-42.	2.0	112
74	Transdifferentiation Requires iNOS Activation. Circulation Research, 2016, 119, e129-e138.	2.0	38
75	The use of machine learning for the identification of peripheral artery disease and future mortality risk. Journal of Vascular Surgery, 2016, 64, 1515-1522.e3.	0.6	95
76	Aligned nanofibrillar collagen scaffolds â€“ Guiding lymphangiogenesis for treatment of acquired lymphedema. Biomaterials, 2016, 102, 259-267.	5.7	55
77	Targeted delivery of human iPS-ECs overexpressing IL-8 receptors inhibits neointimal and inflammatory responses to vascular injury in the rat. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H705-H715.	1.5	12
78	How May Proton Pump Inhibitors Impair Cardiovascular Health?. American Journal of Cardiovascular Drugs, 2016, 16, 153-161.	1.0	37
79	Reply. Gastroenterology, 2016, 150, 528.	0.6	0
80	Role of Innate Immune Signaling in Nuclear Reprogramming. , 2016, , 291-305.		1
81	Enhancement of the in vivo persistence and antitumor efficacy of CD19 chimeric antigen receptor T cells through the delivery of modified TERT mRNA. Cell Discovery, 2015, 1, 15040.	3.1	50
82	Pleiotropic effect of the proton pump inhibitor esomeprazole leading to suppression of lung inflammation and fibrosis. Journal of Translational Medicine, 2015, 13, 249.	1.8	105
83	Proton Pump Inhibitor Usage and the Risk of Myocardial Infarction in the General Population. PLoS ONE, 2015, 10, e0124653.	1.1	259
84	Response to Letter Regarding Article â€œTransdifferentiation of Human Fibroblasts to Endothelial Cells: Role of Innate Immunityâ€. Circulation, 2015, 132, e197.	1.6	2
85	Transient delivery of modified mRNA encoding TERT rapidly extends telomeres in human cells. FASEB Journal, 2015, 29, 1930-1939.	0.2	85
86	Bone Marrow Characteristics Associated With Changes in Infarct Size After STEMI. Circulation Research, 2015, 116, 99-107.	2.0	65
87	Effect of Physical Activity Assessment on Prognostication for Peripheral Artery Disease and Mortality. Mayo Clinic Proceedings, 2015, 90, 339-345.	1.4	28
88	State-of-the-Art Methods for Evaluation of Angiogenesis and Tissue Vascularization. Circulation Research, 2015, 116, e99-132.	2.0	113
89	Aligned-Braided Nanofibrillar Scaffold with Endothelial Cells Enhances Arteriogenesis. ACS Nano, 2015, 9, 6900-6908.	7.3	58
90	A Compendium on Peripheral Arterial Disease. Circulation Research, 2015, 116, 1505-1508.	2.0	23

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91	Modulating the Vascular Response to Limb Ischemia. Circulation Research, 2015, 116, 1561-1578.	2.0	186
92	The Society for Vascular Medicine: The first quarter century. Vascular Medicine, 2015, 20, 60-68.	0.8	5
93	Lansoprazole Worsens Asthma Control in Poor Metabolizers: Is Nitric Oxide Involved?. Annals of the American Thoracic Society, 2015, 12, 1109-1110.	1.5	1
94	Proton pump inhibitors and vascular function: A prospective cross-over pilot study. Vascular Medicine, 2015, 20, 309-316.	0.8	38
95	Transdifferentiation of Human Fibroblasts to Endothelial Cells. Circulation, 2015, 131, 300-309.	1.6	146
96	Self-Reported History of Childhood Smoking Is Associated with an Increased Risk for Peripheral Arterial Disease Independent of Lifetime Smoking Burden. PLoS ONE, 2014, 9, e88972.	1.1	6
97	The combination of 9p21.3 genotype and biomarker profile improves a peripheral artery disease risk prediction model. Vascular Medicine, 2014, 19, 3-8.	0.8	6
98	Innate immunity and epigenetic plasticity in cellular reprogramming. Current Opinion in Genetics and Development, 2014, 28, 89-91.	1.5	13
99	Near-Infrared II Fluorescence for Imaging Hindlimb Vessel Regeneration With Dynamic Tissue Perfusion Measurement. Circulation: Cardiovascular Imaging, 2014, 7, 517-525.	1.3	88
100	Clinical and socioeconomic factors associated with unrecognized peripheral artery disease. Vascular Medicine, 2014, 19, 289-296.	0.8	20
101	Characterization of a Fluorescent Probe for Imaging Nitric Oxide. Journal of Vascular Research, 2014, 51, 68-79.	0.6	8
102	Î²2â€Microglobulin, Cystatin C, and Creatinine and Risk of Symptomatic Peripheral Artery Disease. Journal of the American Heart Association, 2014, 3, .	1.6	21
103	Microvascular Endothelial Cells Migrate Upstream and Align Against the Shear Stress Field Created by Impinging Flow. Biophysical Journal, 2014, 106, 366-374.	0.2	79
104	Plasma homocysteine, dietary B vitamins, betaine, and choline andÂrisk of peripheral artery disease. Atherosclerosis, 2014, 235, 94-101.	0.4	52
105	Vascular Progenitors From Cord Bloodâ€“Derived Induced Pluripotent Stem Cells Possess Augmented Capacity for Regenerating Ischemic Retinal Vasculature. Circulation, 2014, 129, 359-372.	1.6	85
106	Detailed Analysis of Bone Marrow From Patients With Ischemic Heart Disease and Left Ventricular Dysfunction. Circulation Research, 2014, 115, 867-874.	2.0	65
107	Rationale and Design for PACE: Patients with Intermittent Claudication Injected with ALDH Bright Cells. American Heart Journal, 2014, 168, 667-673.e2.	1.2	24
108	A Critical Role for Thioredoxin-Interacting Protein in Diabetes-Related Impairment of Angiogenesis. Diabetes, 2014, 63, 675-687.	0.3	57

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109	Direct induction of haematoendothelial programs in human pluripotent stem cells by transcriptional regulators. Nature Communications, 2014, 5, 4372.	5.8	160
110	A Novel and Potent Inhibitor of Dimethylarginine Dimethylaminohydrolase: A Modulator of Cardiovascular Nitric Oxide. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 69-76.	1.3	31
111	Response to Letters Regarding Article, â€œUnexpected Effect of Proton Pump Inhibitors: Elevation of the Cardiovascular Risk Factor Asymmetric Dimethylargininеâ€: Circulation, 2014, 129, e428.	1.6	7
112	Concurrent Generation of Functional Smooth Muscle and Endothelial Cells via a Vascular Progenitor. Stem Cells Translational Medicine, 2014, 3, 91-97.	1.6	41
113	Abstract 83: Nanopatterned Collagen Scaffolds Promote Blood Perfusion in the Ischemic Limb. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	1.1	0
114	Phase II Clinical Research Design in Cardiology. Circulation, 2013, 127, 1630-1635.	1.6	44
115	The role of dimethylarginine dimethylaminohydrolase (<scp>DDAH</scp>) inÂpulmonary fibrosis. Journal of Pathology, 2013, 229, 242-249.	2.1	34
116	Spatial patterning of endothelium modulates cell morphology, adhesiveness and transcriptional signature. Biomaterials, 2013, 34, 2928-2937.	5.7	56
117	Exercise capacity is the strongest predictor of mortality in patients with peripheral arterial disease. Journal of Vascular Surgery, 2013, 57, 728-733.	0.6	93
118	Alternative Ankle-Brachial Index Method Identifies Additional At-Risk Individuals. Journal of the American College of Cardiology, 2013, 62, 553-559.	1.2	52
119	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. American Journal of Cardiology, 2013, 111, 851-856.	0.7	20
120	Limited Gene Expression Variation in Human Embryonic Stem Cell and Induced Pluripotent Stem Cell-Derived Endothelial Cells. Stem Cells, 2013, 31, 92-103.	1.4	99
121	Therapeutic Transdifferentiation. Circulation Research, 2013, 112, 748-750.	2.0	18
122	The modulation of endothelial cell morphology, function, and survival using anisotropic nanofibrillar collagen scaffolds. Biomaterials, 2013, 34, 4038-4047.	5.7	82
123	Effects of Dimethylarginine Dimethylaminohydrolaseâ€“1 Overexpression on the Response of the Pulmonary Vasculature to Hypoxia. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 491-500.	1.4	17
124	Conversion of Human Fibroblasts to Functional Endothelial Cells by Defined Factors. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1366-1375.	1.1	113
125	Unexpected Effect of Proton Pump Inhibitors. Circulation, 2013, 128, 845-853.	1.6	205
126	Walking Impairment Questionnaire Improves Mortality Risk Prediction Models in a High-Risk Cohort Independent of Peripheral Arterial Disease Status. Circulation: Cardiovascular Quality and Outcomes, 2013, 6, 255-261.	0.9	18

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127	Therapeutic Transdifferentiation: Can we Generate Cardiac Tissue Rather Than Scar after Myocardial Injury?. Methodist DeBakey Cardiovascular Journal, 2013, 9, 210-212.	0.5	5
128	FXR Agonist INT-747 Upregulates DDAH Expression and Enhances Insulin Sensitivity in High-Salt Fed Dahl Rats. PLoS ONE, 2013, 8, e60653.	1.1	23
129	Human induced pluripotent stem cell-derived endothelial cells exhibit functional heterogeneity. American Journal of Translational Research (discontinued), 2013, 5, 21-35.	0.0	88
130	Chemotaxis of human induced pluripotent stem cell-derived endothelial cells. American Journal of Translational Research (discontinued), 2013, 5, 510-20.	0.0	12
131	Abstract 30: Leveraging the Innate Immunity Pathway for Transdifferentiation of Fibroblasts to Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	1.1	0
132	Endovascular correction of cerebrovenous anomalies in multiple sclerosis: A retrospective review of an uncontrolled case series. Vascular Medicine, 2012, 17, 131-137.	0.8	14
133	Lymphangiogenesis. Circulation, 2012, 125, 853-855.	1.6	10
134	Endothelial Cells Derived From Nuclear Reprogramming. Circulation Research, 2012, 111, 1363-1375.	2.0	46
135	In Memoriam of John T. Shepherd, MD, DSc. Circulation, 2012, 125, 393-394.	1.6	1
136	A validated biomarker panel to identify peripheral artery disease. Vascular Medicine, 2012, 17, 386-393.	0.8	14
137	Multifunctional in vivo vascular imaging using near-infrared II fluorescence. Nature Medicine, 2012, 18, 1841-1846.	15.2	836
138	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. Atherosclerosis, 2012, 222, 138-147.	0.4	25
139	Activation of Innate Immunity Is Required for Efficient Nuclear Reprogramming. Cell, 2012, 151, 547-558.	13.5	329
140	PPARÎ´ Activation Protects Endothelial Function in Diabetic Mice. Diabetes, 2012, 61, 3285-3293.	0.3	58
141	Aligned nanofibrillar collagen regulates endothelial organization and migration. Regenerative Medicine, 2012, 7, 649-661.	0.8	60
142	Association Between Chromosome 9p21 Variants and the Ankle-Brachial Index Identified by a Meta-Analysis of 21 Genome-Wide Association Studies. Circulation: Cardiovascular Genetics, 2012, 5, 100-112.	5.1	98
143	Genetics of Peripheral Artery Disease. Circulation, 2012, 125, 3220-3228.	1.6	59
144	Imaging Vascular Nicotine Receptors. JACC: Cardiovascular Imaging, 2012, 5, 537-539.	2.3	4

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145	Nicotine and pathological angiogenesis. Life Sciences, 2012, 91, 1058-1064.	2.0	100
146	Oxidative Stress-Dependent Cyclooxygenase-2-Derived Prostaglandin F_{2Î±} Impairs Endothelial Function in Renovascular Hypertensive Rats. Antioxidants and Redox Signaling, 2012, 16, 363-373.	2.5	77
147	Bioluminescence Imaging of Stem Cell-Based Therapeutics for Vascular Regeneration. Theranostics, 2012, 2, 346-354.	4.6	31
148	Development of a Dimethylarginine Dimethylaminohydrolase (DDAH) Assay for High-Throughput Chemical Screening. Journal of Biomolecular Screening, 2012, 17, 651-661.	2.6	19
149	Development of pluripotent stem cells for vascular therapy. Vascular Pharmacology, 2012, 56, 288-296.	1.0	29
150	Abstract 269: Collagen Topographical Patterning Modulates Endothelial Cell Morphology, Gene Expression and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	1.1	0
151	Two Decades of Progress in Vascular Medicine. American Journal of Medicine, 2011, 124, 791-792.	0.6	4
152	Low lifetime recreational activity is a risk factor for peripheral arterial disease. Journal of Vascular Surgery, 2011, 54, 427-432.e4.	0.6	40
153	Solubility partner IF2 Domain I enables high yield synthesis of transducible transcription factors in Escherichia coli. Protein Expression and Purification, 2011, 80, 145-151.	0.6	9
154	The role of nicotine in the pathogenesis of atherosclerosis. Atherosclerosis, 2011, 215, 281-283.	0.4	96
155	Increased nitric oxide availability attenuates high fat diet metabolic alterations and gene expression associated with insulin resistance. Cardiovascular Diabetology, 2011, 10, 68.	2.7	42
156	DDAH Says NO to ADMA. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1462-1464.	1.1	50
157	Endothelial Cells Derived From Human iPSCS Increase Capillary Density and Improve Perfusion in a Mouse Model of Peripheral Arterial Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, e72-9.	1.1	230
158	MicroRNA and Mechanisms of Impaired Angiogenesis in Diabetes Mellitus. Circulation, 2011, 123, 236-238.	1.6	33
159	Identification and Classification of Acute Cardiac Rejection by Intragraft Transcriptional Profiling. Circulation, 2011, 123, 2236-2243.	1.6	30
160	Dietary nitrate, nitric oxide, and restenosis. Journal of Clinical Investigation, 2011, 121, 1258-1260.	3.9	16
161	Nutritional Impact on the Nitric Oxide Pathway. , 2011, , 97-122.		0
162	Assessing Endothelial Vasodilator Function with the Endo-PAT 2000. Journal of Visualized Experiments, 2010, , .	0.2	91

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163	Relationship of asymmetric dimethylarginine and homocysteine to vascular aging in systemic lupus erythematosus patients. Arthritis and Rheumatism, 2010, 62, 1718-1722.	6.7	32
164	A matrix micropatterning platform for cell localization and stem cell fate determination. Acta Biomaterialia, 2010, 6, 4614-4621.	4.1	49
165	The Emerging Role of the Thioredoxin System in Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2089-2098.	1.1	90
166	Chronic exposure to nicotine impairs cholinergic angiogenesis. Vascular Medicine, 2010, 15, 47-54.	0.8	40
167	Asymmetric dimethylarginine correlates with measures of disease severity, major adverse cardiovascular events and all-cause mortality in patients with peripheral arterial disease. Vascular Medicine, 2010, 15, 267-274.	0.8	57
168	Overexpression of Dimethylarginine Dimethylaminohydrolase Protects Against Cerebral Vascular Effects of Hyperhomocysteinemia. Circulation Research, 2010, 106, 551-558.	2.0	39
169	Sex differences in the prevalence of peripheral artery disease in patients undergoing coronary catheterization. Vascular Medicine, 2010, 15, 443-450.	0.8	32
170	Cholinergic activation of hematopoietic stem cells: role in tobacco-related disease?. Vascular Medicine, 2010, 15, 375-385.	0.8	23
171	DDAH: A target for vascular therapy?. Vascular Medicine, 2010, 15, 235-238.	0.8	14
172	Biomarkers of Peripheral Arterial Disease. Journal of the American College of Cardiology, 2010, 55, 2017-2023.	1.2	84
173	Role of Nitric Oxide Signaling in Endothelial Differentiation of Embryonic Stem Cells. Stem Cells and Development, 2010, 19, 1617-1626.	1.1	37
174	Topical Mecamylamine for Diabetic Macular Edema. American Journal of Ophthalmology, 2010, 149, 839-851.e1.	1.7	29
175	Embryonic Stem Cellâ€“Derived Endothelial Cells Engraft Into the Ischemic Hindlimb and Restore Perfusion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 984-991.	1.1	126
176	Stem Cell Therapy for Vascular Regeneration. Circulation, 2010, 122, 517-526.	1.6	177
177	nAChRs Mediate Human Embryonic Stem Cell-Derived Endothelial Cells: Proliferation, Apoptosis, and Angiogenesis. PLoS ONE, 2009, 4, e7040.	1.1	50
178	Bone morphogenetic protein 2 induces pulmonary angiogenesis via Wntâ€“Î²-catenin and Wntâ€“RhoAâ€“Rac1 pathways. Journal of Cell Biology, 2009, 184, 83-99.	2.3	194
179	Hypercholesterolemia impairs exercise capacity in mice. Vascular Medicine, 2009, 14, 249-257.	0.8	16
180	Does improving mood in depressed patients alter factors that may affect cardiovascular disease risk?. Journal of Psychiatric Research, 2009, 43, 1246-1252.	1.5	39

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181	Cholinergic modulation of angiogenesis: Role of the 7 nicotinic acetylcholine receptor. Journal of Cellular Biochemistry, 2009, 108, 433-446.	1.2	51
182	Cellâ€free production of transducible transcription factors for nuclear reprogramming. Biotechnology and Bioengineering, 2009, 104, 1047-1058.	1.7	36
183	Extensive characterization of the human DDAH1 transgenic mice. Pharmacological Research, 2009, 60, 494-502.	3.1	15
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