

# Toyoaki Murohara

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131  
papers

18,828  
citations

46  
h-index

137  
g-index

138  
ext. papers

20,333  
ext. citations

7.7  
avg, IF

5.86  
L-index

#	Paper	IF	Citations
131	Zinc deficiency impairs ischemia-induced angiogenesis.. <i>JVS Vascular Science</i> , <b>2022</b> , 3, 30-40	1.3	0
130	Impact of Hemodialysis on Clinical Outcomes in Patients Undergoing Lower Extremity Bypass Surgery for Peripheral Artery Disease-10-year Follow-Up Study.. <i>Angiology</i> , <b>2022</b> , 33197211070882	2.1	
129	Differences in Prognosis and Cardiac Function According to Required Percutaneous Mechanical Circulatory Support and Histological Findings in Patients With Fulminant Myocarditis: Insights From the CHANGE PUMP 2 Study.. <i>Journal of the American Heart Association</i> , <b>2022</b> , 11, e023719	6	1
128	<EditorsChoice> Prognostic utility of multipoint nutritional screening for hospitalized patients with acute decompensated heart failure. <i>Nagoya Journal of Medical Science</i> , <b>2021</b> , 83, 93-105	0.7	
127	Treatment with adipose-derived regenerative cells enhances ischemia-induced angiogenesis via exosomal microRNA delivery in mice. <i>Nagoya Journal of Medical Science</i> , <b>2021</b> , 83, 465-476	0.7	0
126	LPL/AQP7/GPD2 promotes glycerol metabolism under hypoxia and prevents cardiac dysfunction during ischemia. <i>FASEB Journal</i> , <b>2021</b> , 35, e22048	0.9	1
125	Important Role of Concomitant Lymphangiogenesis for Reparative Angiogenesis in Hindlimb Ischemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 2006-2018	9.4	3
124	No influence on tumor growth by intramuscular injection of adipose-derived regenerative cells: safety evaluation of therapeutic angiogenesis with cell therapy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2021</b> , 320, H447-H457	5.2	2
123	Vascular endothelial growth factor (VEGF)-A and VEGF-Ab are associated with time to remission of granulomatosis with polyangiitis in a nationwide Japanese prospective cohort study. <i>Annals of Clinical Biochemistry</i> , <b>2021</b> , 58, 86-94	2.2	0
122	New Strategy to Prevent Acute Myocardial Infarction by Public Education - A Position Statement of the Committee on Public Education About Emergency Medical Care of the Japanese Circulation Society. <i>Circulation Journal</i> , <b>2021</b> , 85, 319-322	2.9	2
121	Perioperative D-dimer levels after transcatheter aortic valve replacement: Comparison of patients with and without anticoagulant therapy. <i>Cardiology Journal</i> , <b>2021</b> , 28, 170-172	1.4	1
120	Genetic Deficiency of Adipose Triglyceride Lipase Is Associated With a Novel Type of Podocytopathy. <i>Kidney International Reports</i> , <b>2021</b> , 6, 2722-2725	4.1	0
119	Viral genome search in myocardium of patients with fulminant myocarditis. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 1277-1280	12.3	14
118	Febuxostat does not delay progression of carotid atherosclerosis in patients with asymptomatic hyperuricemia: A randomized, controlled trial. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003095	11.6	17
117	Therapeutic Angiogenesis with Somatic Stem Cell Transplantation. <i>Korean Circulation Journal</i> , <b>2020</b> , 50, 12-21	2.2	6
116	Clinical outcomes after percutaneous coronary intervention in non-dialysis patients with acute coronary syndrome and advanced renal dysfunction. <i>Clinical and Experimental Nephrology</i> , <b>2020</b> , 24, 339-348	2.5	4
115	Association of protein-energy wasting and inflammation status with mortality after coronary revascularisation in patients on haemodialysis. <i>Open Heart</i> , <b>2020</b> , 7,	3	1

114	Therapeutic angiogenesis using autologous adipose-derived regenerative cells in patients with critical limb ischaemia in Japan: a clinical pilot study. <i>Scientific Reports</i> , <b>2020</b> , 10, 16045	4.9	9
113	Differences in primary indication for guide-extension catheter usage among the three target vessels. <i>Postępy W Kardiologii Interwencyjnej</i> , <b>2020</b> , 16, 192-197	0.4	0
112	Earliest pulmonary vein potential-guided cryoballoon ablation for atrial fibrillation. <i>Heart and Vessels</i> , <b>2020</b> , 35, 232-238	2.1	3
111	Cardiomyocytes capture stem cell-derived, anti-apoptotic microRNA-214 via clathrin-mediated endocytosis in acute myocardial infarction. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 11665-11674	5.4	31
110	Fulminant Versus Acute Nonfulminant Myocarditis in Patients With Left Ventricular Systolic Dysfunction. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 299-311	15.1	74
109	Prognostic Importance of Multiple Nutrition Screening Indexes for 1-Year Mortality in Hospitalized Acute Decompensated Heart Failure Patients. <i>Circulation Reports</i> , <b>2019</b> , 1, 87-93	0.7	5
108	Anti-angiogenic isoform of vascular endothelial growth factor-A in cardiovascular and renal disease. <i>Advances in Clinical Chemistry</i> , <b>2019</b> , 88, 1-33	5.8	9
107	Coronary air embolism following transbronchial lung biopsy. <i>Cardiovascular Intervention and Therapeutics</i> , <b>2019</b> , 34, 64-66	2.5	1
106	Balance between angiogenic and anti-angiogenic isoforms of VEGF-A is associated with the complexity and severity of coronary artery disease. <i>Clinica Chimica Acta</i> , <b>2018</b> , 478, 114-119	6.2	12
105	Association between the ratio of anti-angiogenic isoform of VEGF-A to total VEGF-A and adverse clinical outcomes in patients after acute myocardial infarction. <i>IJC Heart and Vasculature</i> , <b>2018</b> , 19, 3-7	2.4	8
104	Vasospastic angina in a 16-year-old female. <i>Cardiovascular Intervention and Therapeutics</i> , <b>2018</b> , 33, 393-394	2.5	1
103	Early Prediction Model for Successful Bridge to Recovery in Patients With Fulminant Myocarditis Supported With Percutaneous Venoarterial Extracorporeal Membrane Oxygenation - Insights From the CHANGE PUMP Study. <i>Circulation Journal</i> , <b>2018</b> , 82, 699-707	2.9	15
102	Prognostic Value of Electrocardiography in Patients With Fulminant Myocarditis Supported by Percutaneous Venoarterial Extracorporeal Membrane Oxygenation - Analysis From the CHANGE PUMP Study. <i>Circulation Journal</i> , <b>2018</b> , 82, 2089-2095	2.9	20
101	Nuclear Molecular Imaging of the Failing Heart. <i>Annals of Nuclear Cardiology</i> , <b>2018</b> , 4, 155-162	0.3	1
100	Impact of post-dilatation on longitudinal stent elongation: An in vitro study. <i>Journal of Cardiology</i> , <b>2018</b> , 71, 464-470	3	2
99	Cardiovascular Outcomes in Patients With Previous Myocardial Infarction and Mild Diabetes Mellitus Following Treatment With Pioglitazone: Reports of a Randomised Trial From The Japan Working Group for the Assessment Whether ioglitazone protects DM Patients against e-Infarction (PPAR Study). <i>EClinicalMedicine</i> , <b>2018</b> , 4-5, 10-24	11.3	7
98	Long-Term Clinical Outcomes Survey of Bone Marrow-Derived Cell Therapy in Critical Limb Ischemia in Japan. <i>Circulation Journal</i> , <b>2018</b> , 82, 1168-1178	2.9	21
97	Effects of Ezetimibe-Statin Combination Therapy on Coronary Atherosclerosis in Acute Coronary Syndrome. <i>Circulation Journal</i> , <b>2018</b> , 82, 757-766	2.9	14

96	Novel therapy for pancreatic fistula using adipose-derived stem cell sheets treated with mannose. <i>Surgery</i> , <b>2017</b> , 161, 1561-1569	3.6	8
95	Association of renal function with clinical parameters and conditions in a longitudinal population-based epidemiological study. <i>Biomedical Reports</i> , <b>2017</b> , 6, 242-250	1.8	1
94	Myocardial contractile reserve predicts left ventricular reverse remodeling and cardiac events in dilated cardiomyopathy. <i>Journal of Cardiology</i> , <b>2017</b> , 70, 303-309	3	4
93	New diagnostic index for sarcopenia in patients with cardiovascular diseases. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178373	3.73	30
92	Nutrition Status Predicts Severity of Vascular Calcification in Non-Dialyzed Chronic Kidney Disease. <i>Circulation Journal</i> , <b>2017</b> , 81, 316-321	2.9	15
91	The Association of Ankle Brachial Index, Protein-Energy Wasting, and Inflammation Status with Cardiovascular Mortality in Patients on Chronic Hemodialysis. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	24
90	Therapeutic Angiogenesis with Adipose Tissue-Derived Regenerative Cells <b>2017</b> , 67-79		
89	The Effect of Sitagliptin on Carotid Artery Atherosclerosis in Type 2 Diabetes: The PROLOGUE Randomized Controlled Trial. <i>PLoS Medicine</i> , <b>2016</b> , 13, e1002051	11.6	48
88	Heart Failure as a Comorbidity of Diabetes: Role of Dipeptidyl Peptidase 4. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2016</b> , 23, 147-54	4	9
87	Cathepsin S Activity Controls Injury-Related Vascular Repair in Mice via the TLR2-Mediated p38MAPK and PI3K-Akt/p-HDAC6 Signaling Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 1549-57	9.4	52
86	A dipeptidyl peptidase-4 inhibitor ameliorates hypertensive cardiac remodeling via angiotensin-II/sodium-proton pump exchanger-1 axis. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 98, 37-47	5.8	18
85	Greetings From the New Editor-in-Chief. <i>Circulation Journal</i> , <b>2016</b> , 80, 1879	2.9	
84	Rationale and design of a multicenter randomized study for evaluating vascular function under uric acid control using the xanthine oxidase inhibitor, febuxostat: the PRIZE study. <i>Cardiovascular Diabetology</i> , <b>2016</b> , 15, 87	8.7	16
83	Alogliptin, a dipeptidyl peptidase-4 inhibitor, regulates the atrial arrhythmogenic substrate in rabbits. <i>Heart Rhythm</i> , <b>2015</b> , 12, 1362-9	6.7	12
82	Interleukin 18 function in atherosclerosis is mediated by the interleukin 18 receptor and the Na-Cl co-transporter. <i>Nature Medicine</i> , <b>2015</b> , 21, 820-6	50.5	57
81	East asian variant of aldehyde dehydrogenase 2 is associated with coronary spastic angina: possible roles of reactive aldehydes and implications of alcohol flushing syndrome. <i>Circulation</i> , <b>2015</b> , 131, 1665-73	16.7	46
80	Impact of night-time blood pressure on cerebral white matter hyperintensity in elderly hypertensive patients. <i>Geriatrics and Gerontology International</i> , <b>2015</b> , 15 Suppl 1, 59-65	2.9	12
79	Left ventricular diastolic dysfunction is directly associated with cerebral white matter lesions in elderly patients. <i>Geriatrics and Gerontology International</i> , <b>2015</b> , 15 Suppl 1, 81-2	2.9	3

78	Cathepsin S activity controls ischemia-induced neovascularization in mice. <i>International Journal of Cardiology</i> , <b>2015</b> , 183, 198-208	3.2	30
77	Long-term effects of tolvaptan in patients requiring recurrent hospitalization for heart failure. <i>Nagoya Journal of Medical Science</i> , <b>2015</b> , 77, 355-62	0.7	1
76	An antiangiogenic isoform of VEGF-A contributes to impaired vascularization in peripheral artery disease. <i>Nature Medicine</i> , <b>2014</b> , 20, 1464-71	50.5	131
75	Renin inhibition reduces atherosclerotic plaque neovessel formation and regresses advanced atherosclerotic plaques. <i>Atherosclerosis</i> , <b>2014</b> , 237, 739-47	3.1	25
74	Vildagliptin stimulates endothelial cell network formation and ischemia-induced revascularization via an endothelial nitric-oxide synthase-dependent mechanism. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 27235-27245	5.4	44
73	Multilayered adipose-derived regenerative cell sheets created by a novel magnetite tissue engineering method for myocardial infarction. <i>International Journal of Cardiology</i> , <b>2014</b> , 175, 545-53	3.2	38
72	Impact of sitagliptin on carotid intima-media thickness in patients with coronary artery disease and impaired glucose tolerance or mild diabetes mellitus. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 384-8	3	43
71	Diabetes-related heart failure. <i>Circulation Journal</i> , <b>2014</b> , 78, 576-83	2.9	46
70	Therapeutic angiogenesis by autologous adipose-derived regenerative cells: comparison with bone marrow mononuclear cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 307, H869-79	5.2	41
69	Cathepsin K-mediated Notch1 activation contributes to neovascularization in response to hypoxia. <i>Nature Communications</i> , <b>2014</b> , 5, 3838	17.4	53
68	Geriatric nutritional risk index accurately predicts cardiovascular mortality in incident hemodialysis patients. <i>Journal of Cardiology</i> , <b>2014</b> , 64, 32-6	3	57
67	Myocardial 123I-MIBG scintigraphy predicts an impairment in myocardial functional reserve during dobutamine stress in patients with idiopathic dilated cardiomyopathy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2013</b> , 40, 262-70	8.8	11
66	Cerebral embolism due to atrial myopathy in a cardiac amyloidosis patient diagnosed by cardiac magnetic resonance imaging. <i>Journal of Cardiology Cases</i> , <b>2013</b> , 7, e78-e81	0.6	1
65	Association of cardiac valvular calcifications and C-reactive protein with cardiovascular mortality in incident hemodialysis patients: a Japanese cohort study. <i>American Journal of Kidney Diseases</i> , <b>2013</b> , 61, 254-61	7.4	39
64	Association between cardiopulmonary exercise and dobutamine stress testing in ambulatory patients with idiopathic dilated cardiomyopathy: a comparison with peak VO <sub>2</sub> and VE/VCO <sub>2</sub> slope. <i>International Journal of Cardiology</i> , <b>2013</b> , 162, 234-9	3.2	8
63	iPS cell sheets created by a novel magnetite tissue engineering method for reparative angiogenesis. <i>Scientific Reports</i> , <b>2013</b> , 3, 1418	4.9	45
62	Adiponectin-mediated modulation of lymphatic vessel formation and lymphedema. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000438	6	31
61	Impact of low levels of vascular endothelial growth factor after myocardial infarction on 6-month clinical outcome. Results from the Nagoya Acute Myocardial Infarction Study. <i>Circulation Journal</i> , <b>2012</b> , 76, 1509-16	2.9	27

60	Dipeptidyl peptidase-4 modulates left ventricular dysfunction in chronic heart failure via angiogenesis-dependent and -independent actions. <i>Circulation</i> , <b>2012</b> , 126, 1838-51	16.7	133
59	CTRP9 protein protects against myocardial injury following ischemia-reperfusion through AMP-activated protein kinase (AMPK)-dependent mechanism. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 18965-73	5.4	124
58	Therapeutic impact of follistatin-like 1 on myocardial ischemic injury in preclinical models. <i>Circulation</i> , <b>2012</b> , 126, 1728-38	16.7	123
57	Therapeutic lymphangiogenesis with implantation of adipose-derived regenerative cells. <i>Journal of the American Heart Association</i> , <b>2012</b> , 1, e000877	6	47
56	Fat-derived factor omentin stimulates endothelial cell function and ischemia-induced revascularization via endothelial nitric oxide synthase-dependent mechanism. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 408-417	5.4	111
55	Role for cysteine protease cathepsins in heart disease: focus on biology and mechanisms with clinical implication. <i>Circulation</i> , <b>2012</b> , 125, 1551-62	16.7	117
54	Comparative angiogenic activities of induced pluripotent stem cells derived from young and old mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e39562	3.7	16
53	Platelet activation and induction of tissue factor in acute and chronic atrial fibrillation: involvement of mononuclear cell-platelet interaction. <i>Thrombosis Research</i> , <b>2011</b> , 128, e113-8	8.2	36
52	Enhanced angiogenesis by transplantation of mesenchymal stem cell sheet created by a novel magnetic tissue engineering method. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 2210-5	9.4	73
51	Cysteine protease cathepsins in atherosclerosis-based vascular disease and its complications. <i>Hypertension</i> , <b>2011</b> , 58, 978-86	8.5	105
50	Angiotensin type 1 receptor blocker reduces intimal neovascularization and plaque growth in apolipoprotein E-deficient mice. <i>Hypertension</i> , <b>2011</b> , 57, 981-9	8.5	49
49	Dobutamine-induced mechanical alternans is a marker of poor prognosis in idiopathic dilated cardiomyopathy. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2010</b> , 37, 1004-9	3	6
48	Exercise training stimulates ischemia-induced neovascularization via phosphatidylinositol 3-kinase/Akt-dependent hypoxia-induced factor-1 alpha reactivation in mice of advanced age. <i>Circulation</i> , <b>2010</b> , 122, 707-16	16.7	79
47	Cord blood-derived early outgrowth endothelial progenitor cells. <i>Microvascular Research</i> , <b>2010</b> , 79, 174-7	3.7	31
46	AT1 blockade attenuates atherosclerotic plaque destabilization accompanied by the suppression of cathepsin S activity in apoE-deficient mice. <i>Atherosclerosis</i> , <b>2010</b> , 210, 430-7	3.1	35
45	Caloric restriction stimulates revascularization in response to ischemia via adiponectin-mediated activation of endothelial nitric-oxide synthase. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 1718-24	5.4	104
44	Autologous adipose tissue as a new source of progenitor cells for therapeutic angiogenesis. <i>Journal of Cardiology</i> , <b>2009</b> , 53, 155-63	3	41
43	Implantation of adipose-derived regenerative cells enhances ischemia-induced angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 61-6	9.4	192

42	Adiponectin and cardiovascular disease. <i>Circulation Journal</i> , <b>2009</b> , 73, 608-14	2.9	173
41	Autologous adipose-derived regenerative cells for therapeutic angiogenesis. <i>Current Pharmaceutical Design</i> , <b>2009</b> , 15, 2784-90	3.3	54
40	Dobutamine stress testing as a diagnostic tool for evaluation of myocardial contractile reserve in asymptomatic or mildly symptomatic patients with dilated cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , <b>2008</b> , 1, 718-26	8.4	35
39	Long-term clinical outcome after intramuscular implantation of bone marrow mononuclear cells (Therapeutic Angiogenesis by Cell Transplantation [TACT] trial) in patients with chronic limb ischemia. <i>American Heart Journal</i> , <b>2008</b> , 156, 1010-8	4.9	248
38	Paracrine factors of vascular endothelial cells facilitate cardiomyocyte differentiation of mouse embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 377, 413-418	3.4	17
37	Construction of multi-layered cardiomyocyte sheets using magnetite nanoparticles and magnetic force. <i>Biotechnology and Bioengineering</i> , <b>2007</b> , 96, 803-9	4.9	75
36	Mechanisms underlying the impairment of ischemia-induced neovascularization in matrix metalloproteinase 2-deficient mice. <i>Circulation Research</i> , <b>2007</b> , 100, 904-13	15.7	89
35	Safety and efficacy of autologous progenitor cell transplantation for therapeutic angiogenesis in patients with critical limb ischemia. <i>Circulation Journal</i> , <b>2007</b> , 71, 196-201	2.9	140
34	Effect of autologous bone-marrow cell transplantation on ischemic ulcer in patients with Buerger's disease. <i>Circulation Journal</i> , <b>2007</b> , 71, 1187-92	2.9	66
33	Ischemia-induced angiogenesis: role of inflammatory response mediated by P-selectin. <i>Journal of Leukocyte Biology</i> , <b>2006</b> , 79, 971-6	6.5	44
32	Cardiac sympathetic dysfunction correlates with abnormal myocardial contractile reserve in dilated cardiomyopathy patients. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 2061-8	15.1	35
31	Inhibition of platelet adherence to mononuclear cells by alpha-tocopherol: role of P-selectin. <i>Circulation</i> , <b>2004</b> , 110, 141-8	16.7	22
30	Smoking cessation rapidly increases circulating progenitor cells in peripheral blood in chronic smokers. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2004</b> , 24, 1442-7	9.4	367
29	Catheter-based prostacyclin synthase gene transfer prevents in-stent restenosis in rabbit atheromatous arteries. <i>Cardiovascular Research</i> , <b>2004</b> , 61, 177-85	9.9	23
28	Nitric oxide signaling during myocardial angiogenesis. <i>Molecular and Cellular Biochemistry</i> , <b>2004</b> , 264, 25-34	4.2	19
27	Derivation of functional endothelial progenitor cells from human umbilical cord blood mononuclear cells isolated by a novel cell filtration device. <i>Stem Cells</i> , <b>2004</b> , 22, 994-1002	5.8	63
26	Role of host angiotensin II type 1 receptor in tumor angiogenesis and growth. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 112, 67-75	15.9	243
25	Angiogenesis and vasculogenesis for therapeutic neovascularization. <i>Nagoya Journal of Medical Science</i> , <b>2003</b> , 66, 1-7	0.7	13

24	Vitamin E inhibits lysophosphatidylcholine-induced endothelial dysfunction and platelet activation. <i>Antioxidants and Redox Signaling</i> , <b>2002</b> , 4, 791-8	8.4	13
23	Nitric oxide and angiogenesis in cardiovascular disease. <i>Antioxidants and Redox Signaling</i> , <b>2002</b> , 4, 825-31	18.4	44
22	Therapeutic angiogenesis for patients with limb ischaemia by autologous transplantation of bone-marrow cells: a pilot study and a randomised controlled trial. <i>Lancet, The</i> , <b>2002</b> , 360, 427-35	40	1409
21	Evidence for the importance of angiotensin II type 1 receptor in ischemia-induced angiogenesis. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 603-611	15.9	98
20	Augmentation of postnatal neovascularization with autologous bone marrow transplantation. <i>Circulation</i> , <b>2001</b> , 103, 897-903	16.7	418
19	Implantation of bone marrow mononuclear cells into ischemic myocardium enhances collateral perfusion and regional function via side supply of angioblasts, angiogenic ligands, and cytokines. <i>Circulation</i> , <b>2001</b> , 104, 1046-52	16.7	796
18	Mobilization of endothelial progenitor cells in patients with acute myocardial infarction. <i>Circulation</i> , <b>2001</b> , 103, 2776-9	16.7	992
17	Transplanted cord blood-derived endothelial precursor cells augment postnatal neovascularization. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 105, 1527-36	15.9	715
16	Endothelial injuries of coronary arteries distal to thrombotic sites: role of adhesive interaction between endothelial P-selectin and leukocyte sialyl LewisX. <i>Circulation Research</i> , <b>1999</b> , 84, 525-35	15.7	29
15	Age-dependent impairment of angiogenesis. <i>Circulation</i> , <b>1999</b> , 99, 111-20	16.7	628
14	Role of endothelial nitric oxide synthase in endothelial cell migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1999</b> , 19, 1156-61	9.4	250
13	Adhesive interaction between P-selectin and sialyl Lewis(x) plays an important role in recurrent coronary arterial thrombosis in dogs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1999</b> , 19, 1083-90	9.4	36
12	Effects of atrial and brain natriuretic peptides on lysophosphatidylcholine-mediated endothelial dysfunction. <i>Journal of Cardiovascular Pharmacology</i> , <b>1999</b> , 34, 870-8	3.1	13
11	Vascular endothelial growth factor-C (VEGF-C/VEGF-2) promotes angiogenesis in the setting of tissue ischemia. <i>American Journal of Pathology</i> , <b>1998</b> , 153, 381-94	5.8	285
10	Vascular endothelial growth factor/vascular permeability factor enhances vascular permeability via nitric oxide and prostacyclin. <i>Circulation</i> , <b>1998</b> , 97, 99-107	16.7	428
9	Reduced intimal thickening following alpha(v)beta3 blockade is associated with smooth muscle cell apoptosis. <i>Cell Adhesion and Communication</i> , <b>1998</b> , 6, 371-9		34
8	Reciprocal relation between VEGF and NO in the regulation of endothelial integrity. <i>Nature Medicine</i> , <b>1997</b> , 3, 879-86	50.5	297
7	Isolation of putative progenitor endothelial cells for angiogenesis. <i>Science</i> , <b>1997</b> , 275, 964-7	33.3	7250



6	Vascular endothelial growth factor/vascular permeability factor augments nitric oxide release from quiescent rabbit and human vascular endothelium. <i>Circulation</i> , <b>1997</b> , 95, 1030-7	16.7	282
5	Cardioprotective actions of oligotide, a single stranded polydeoxyribonucleotide complex, in myocardial ischaemia and reperfusion injury. <i>British Journal of Pharmacology</i> , <b>1996</b> , 117, 1000-8	8.6	1
4	Myocardial protection by N,N,N-trimethylsphingosine in ischemia reperfusion injury is mediated by inhibition of P-selectin. <i>Journal of Leukocyte Biology</i> , <b>1996</b> , 59, 317-24	6.5	14
3	Lysophosphatidylcholine promotes P-selectin expression in platelets and endothelial cells. Possible involvement of protein kinase C activation and its inhibition by nitric oxide donors. <i>Circulation Research</i> , <b>1996</b> , 78, 780-9	15.7	87
2	Inhibition of nitric oxide biosynthesis promotes P-selectin expression in platelets. Role of protein kinase C. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1995</b> , 15, 2068-75	9.4	82
1	Cardioprotective effects of a C1 esterase inhibitor in myocardial ischemia and reperfusion. <i>Circulation</i> , <b>1995</b> , 91, 393-402	16.7	139