

Keith L March

List of Publications by Year in Descending Order

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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.

150
papers

14,598
citations

47
h-index

120
g-index

164
ext. papers

15,936
ext. citations

6.4
avg, IF

5.81
L-index

#	Paper	IF	Citations
150	Adipose stem cell secretome markedly improves rodent heart and human induced pluripotent stem cell-derived cardiomyocyte recovery from cardioplegic transport solution exposure. <i>Stem Cells</i> , 2021 , 39, 170-182	5.8	2
149	Adipose stem cell secretome markedly improves rodent heart and human induced pluripotent stem cell-derived cardiomyocyte recovery from cardioplegic transport solution exposure. <i>Stem Cells</i> , 2021 , 39, 170-182	5.8	1
148	Bone marrow- or adipose-mesenchymal stromal cell secretome preserves myocardial transcriptome profile and ameliorates cardiac damage following ex vivo cold storage. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 164, 1-12	5.8	0
147	Lactate Dehydrogenase B and Pyruvate Oxidation Pathway Associated With Carfilzomib-Related Cardiotoxicity in Multiple Myeloma Patients: Result of a Multi-Omics Integrative Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 645122	5.4	0
146	A Phase II study of autologous mesenchymal stromal cells and c-kit positive cardiac cells, alone or in combination, in patients with ischaemic heart failure: the CCTRNCERT-HF trial. <i>European Journal of Heart Failure</i> , 2021 , 23, 661-674	12.3	26
145	A multiplexed ion-exchange membrane-based miRNA (MIXimiR) detection platform for rapid diagnosis of myocardial infarction. <i>Lab on A Chip</i> , 2021 , 21, 3876-3887	7.2	2
144	Newly diagnosed cardiovascular disease in patients treated with immune checkpoint inhibitors: a retrospective analysis of patients at an academic tertiary care center. <i>Cardio-Oncology</i> , 2021 , 7, 10	2.8	3
143	Recommendations for Nomenclature and Definition Of Cell Products Intended for Human Cardiovascular Use. <i>Cardiovascular Research</i> , 2021 ,	9.9	2
142	Whole-Body Vibration Training Increases Stem/Progenitor Cell Circulation Levels and May Attenuate Inflammation. <i>Military Medicine</i> , 2020 , 185, 404-412	1.3	4
141	Immune Dysregulation in HFpEF: A Target for Mesenchymal Stem/Stromal Cell Therapy. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
140	Arguments for a Different Regulatory Categorization and Framework for Stromal Vascular Fraction. <i>Stem Cells and Development</i> , 2020 , 29, 257-262	4.4	5
139	Therapeutic Use of Adipose-Derived Stromal Cells in a Murine Model of Acute Pancreatitis. <i>Journal of Gastrointestinal Surgery</i> , 2020 , 24, 67-75	3.3	8
138	Mesenchymal stem cell secretions improve donor heart function following ex vivo cold storage. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	12
137	Allogeneic Mesenchymal Cell Therapy in Anthracycline-Induced Cardiomyopathy Heart Failure Patients: The CCTRNCERT Trial. <i>JACC: CardioOncology</i> , 2020 , 2, 581-595	3.8	12
136	Cardiac stem cell therapy among Clinics of Uncertain Regulatory Status (COURS): under-regulated, under-observed, incompletely understood. <i>Journal of Translational Medicine</i> , 2020 , 18, 285	8.5	0
135	Distinct Factors Secreted by Adipose Stromal Cells Protect the Endothelium From Barrier Dysfunction and Apoptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 584653	5.7	0
134	Identifying Cancer Patients at Risk for Heart Failure Using Machine Learning Methods 2019 , 2019, 933-941	17	1

133	Complementary Embryonic and Adult Cell Populations Enhance Myocardial Repair in Rat Myocardial Injury Model. <i>Stem Cells International</i> , 2019 , 2019, 3945850	5	
132	Hypertension in pregnancy: Taking cues from pathophysiology for clinical practice. <i>Clinical Cardiology</i> , 2018 , 41, 220-227	3.3	27
131	Cigarette Smoking Impairs Adipose Stromal Cell Vasculogenic Activity and Abrogates Potency to Ameliorate Ischemia. <i>Stem Cells</i> , 2018 , 36, 856-867	5.8	11
130	Rationale and Design of the CONCERT-HF Trial (Combination of Mesenchymal and c-kit Cardiac Stem Cells As Regenerative Therapy for Heart Failure). <i>Circulation Research</i> , 2018 , 122, 1703-1715	15.7	72
129	Hypoxia-induced activin A diminishes endothelial cell vasculogenic activity. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 173-184	5.6	3
128	AMD3100 ameliorates cigarette smoke-induced emphysema-like manifestations in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 315, L382-L386	5.8	9
127	Rapid clearance of heavy chain-modified hyaluronan during resolving acute lung injury. <i>Respiratory Research</i> , 2018 , 19, 107	7.3	11
126	Adipose-derived stem cell conditioned medium impacts asymptomatic peripheral neuromuscular denervation in the mutant superoxide dismutase (G93A) transgenic mouse model of amyotrophic lateral sclerosis. <i>Restorative Neurology and Neuroscience</i> , 2018 , 36, 621-627	2.8	5
125	EMAPII Monoclonal Antibody Ameliorates Influenza A Virus-Induced Lung Injury. <i>Molecular Therapy</i> , 2018 , 26, 2060-2069	11.7	7
124	Rationale and Design of the SENECA (StEm cell INJEction in cAncer survivors) Trial. <i>American Heart Journal</i> , 2018 , 201, 54-62	4.9	15
123	Regenerative Medicine in the State of Florida: Letter Outlining the Florida Organization for Regenerative Medicine. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 511-512	6.9	
122	Evaluation of Cell Therapy on Exercise Performance and Limb Perfusion in Peripheral Artery Disease: The CCTRN PACE Trial (Patients With Intermittent Claudication Injected With ALDH Bright Cells). <i>Circulation</i> , 2017 , 135, 1417-1428	16.7	29
121	Transcriptional Networks in Single Perivascular Cells Sorted from Human Adipose Tissue Reveal a Hierarchy of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2017 , 35, 1273-1289	5.8	45
120	Human Adipose-Derived Stem Cells Suppress Elastase-Induced Murine Abdominal Aortic Inflammation and Aneurysm Expansion Through Paracrine Factors. <i>Cell Transplantation</i> , 2017 , 26, 173-189	4	23
119	Human adipose stromal cell therapy improves survival and reduces renal inflammation and capillary rarefaction in acute kidney injury. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 1420-1430	5.6	16
118	Electroacupuncture Promotes Central Nervous System-Dependent Release of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2017 , 35, 1303-1315	5.8	21
117	Mucosal Perfusion Preservation by a Novel Shapeable Tissue Expander for Oral Reconstruction. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2017 , 5, e1449	1.2	2
116	Oncostatin M and TNF- α Induce Alpha-1 Antitrypsin Production in Undifferentiated Adipose Stromal Cells. <i>Stem Cells and Development</i> , 2017 , 26, 1468-1476	4.4	5

115	Adipose stromal cells differentiation toward smooth muscle cell phenotype diminishes their vasculogenic activity due to induction of activin A secretion. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 3145-3156	4.4	6
114	Adipose Stem Cell Function Maintained with Age: An Intra-Subject Study of Long-Term Cryopreserved Cells. <i>Aesthetic Surgery Journal</i> , 2017 , 37, 454-463	2.4	17
113	Human Adipose Stromal Cells Increase Survival and Mesenteric Perfusion Following Intestinal Ischemia and Reperfusion Injury. <i>Shock</i> , 2016 , 46, 75-82	3.4	18
112	GDNF secreted from adipose-derived stem cells stimulates VEGF-independent angiogenesis. <i>Oncotarget</i> , 2016 , 7, 36829-36841	3.3	29
111	Pulmonary Retention of Adipose Stromal Cells Following Intravenous Delivery Is Markedly Altered in the Presence of ARDS. <i>Cell Transplantation</i> , 2016 , 25, 1635-1643	4	15
110	Distinct Effects of Adipose-Derived Stem Cells and Adipocytes on Normal and Cancer Cell Hierarchy. <i>Molecular Cancer Research</i> , 2016 , 14, 660-71	6.6	8
109	Therapeutic Potential of Adipose-Derived Therapeutic Factor Concentrate for Treating Critical Limb Ischemia. <i>Cell Transplantation</i> , 2016 , 25, 1623-1633	4	14
108	Conditioned media from adipose stromal cells limit lipopolysaccharide-induced lung injury, endothelial hyperpermeability and apoptosis. <i>Journal of Translational Medicine</i> , 2015 , 13, 67	8.5	21
107	Adipose Stromal Cell Contact with Endothelial Cells Results in Loss of Complementary Vasculogenic Activity Mediated by Induction of Activin A. <i>Stem Cells</i> , 2015 , 33, 3039-51	5.8	17
106	Human adipose-derived stem cells ameliorate cigarette smoke-induced murine myelosuppression via secretion of TSG-6. <i>Stem Cells</i> , 2015 , 33, 468-78	5.8	23
105	Adipose-derived Stem Cell Conditioned Media Extends Survival time of a mouse model of Amyotrophic Lateral Sclerosis. <i>Scientific Reports</i> , 2015 , 5, 16953	4.9	23
104	Intravenous xenogeneic transplantation of human adipose-derived stem cells improves left ventricular function and microvascular integrity in swine myocardial infarction model. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 86, E38-48	2.7	10
103	A Stem-Cell-Derived Cell-Free Therapy for Stroke: Moving Conditioned Medium into Clinical Trial 2015 , 247-265		
102	Intracoronary and retrograde coronary venous myocardial delivery of adipose-derived stem cells in swine infarction lead to transient myocardial trapping with predominant pulmonary redistribution. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 83, E17-25	2.7	34
101	Regenerative therapeutic potential of adipose stromal cells in early stage diabetic retinopathy. <i>PLoS ONE</i> , 2014 , 9, e84671	3.7	68
100	Selective inhibition of pancreatic ductal adenocarcinoma cell growth by the mitotic MPS1 kinase inhibitor NMS-P715. <i>Molecular Cancer Therapeutics</i> , 2014 , 13, 307-315	6.1	34
99	Human adipose-derived stromal/stem cells protect against STZ-induced hyperglycemia: analysis of hASC-derived paracrine effectors. <i>Stem Cells</i> , 2014 , 32, 1831-42	5.8	53
98	Adipose stromal cells differentiate along a smooth muscle lineage pathway upon endothelial cell contact via induction of activin A. <i>Circulation Research</i> , 2014 , 115, 800-9	15.7	42

97	Phase II clinical research design in cardiology: learning the right lessons too well: observations and recommendations from the Cardiovascular Cell Therapy Research Network (CCTRN). <i>Circulation</i> , 2013 , 127, 1630-5	16.7	38
96	Intramyocardial transplantation of human adipose-derived stromal cell and endothelial progenitor cell mixture was not superior to individual cell type transplantation in improving left ventricular function in rats with myocardial infarction. <i>International Journal of Cardiology</i> , 2013 , 164, 205-11	3.2	17
95	Stromal cells from the adipose tissue-derived stromal vascular fraction and culture expanded adipose tissue-derived stromal/stem cells: a joint statement of the International Federation for Adipose Therapeutics and Science (IFATS) and the International Society for Cellular Therapy (ISCT). <i>Cytotherapy</i> , 2013 , 15, 641-8	4.8	1149
94	Dr. Sonia Skarlatos-leader, colleague, and friend: from vascular biology to gene therapy and the Cardiovascular Cell Therapy research network. <i>Human Gene Therapy</i> , 2013 , 24, 896-8	4.8	1
93	Autologous stromal vascular fraction therapy for rheumatoid arthritis: rationale and clinical safety. <i>International Archive of Medicine</i> , 2012 , 5, 5		23
92	Electroanatomic remodeling of the left stellate ganglion after myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 954-61	15.1	92
91	Resident Endothelial Progenitor Cells From Human Placenta Have Greater Vasculogenic Potential Than Circulating Endothelial Progenitor Cells From Umbilical Cord Blood. <i>Cell Medicine</i> , 2012 , 2, 85-96	4.9	24
90	Morphologic changes in photodamaged organotypic human skin culture after treatment of autologous adipose-derived stromal cells. <i>Journal of Craniofacial Surgery</i> , 2012 , 23, 805-11	1.2	9
89	Autologous bone marrow mononuclear cell therapy is safe and promotes amputation-free survival in patients with critical limb ischemia. <i>Journal of Vascular Surgery</i> , 2011 , 53, 1565-74.e1	3.5	74
88	The creation of an in vitro adipose tissue that contains a vascular-adipocyte complex. <i>Biomaterials</i> , 2011 , 32, 9667-76	15.6	30
87	Potential of gallium-based leads for cardiac rhythm management devices. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 341-4	0.9	1
86	Adipose stem cell treatment in mice attenuates lung and systemic injury induced by cigarette smoking. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 215-25	10.2	139
85	Adipose tissue progenitor cells directly interact with endothelial cells to induce vascular network formation. <i>Tissue Engineering - Part A</i> , 2010 , 16, 2953-66	3.9	135
84	Therapeutic potential of adipose-derived stem cells in vascular growth and tissue repair. <i>Current Opinion in Organ Transplantation</i> , 2010 , 15, 86-91	2.5	124
83	Muscle-derived Gr1(dim)CD11b(+) cells enhance neovascularization in an ischemic hind limb mouse model. <i>Blood</i> , 2010 , 116, 1623-6	2.2	21
82	Development of a porcine delayed wound-healing model and its use in testing a novel cell-based therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 78, 888-96	4	35
81	White adipose tissue cells are recruited by experimental tumors and promote cancer progression in mouse models. <i>Cancer Research</i> , 2009 , 69, 5259-66	10.1	242
80	The human lipodystrophy gene product Berardinelli-Seip congenital lipodystrophy 2/seipin plays a key role in adipocyte differentiation. <i>Endocrinology</i> , 2009 , 150, 4552-61	4.8	108

79	Robust functional vascular network formation in vivo by cooperation of adipose progenitor and endothelial cells. <i>Circulation Research</i> , 2009 , 104, 1410-20	15.7	262
78	Expression of RAC2 in endothelial cells is required for the postnatal neovascular response. <i>Experimental Cell Research</i> , 2009 , 315, 248-63	4.2	18
77	IFATS collection: Human adipose tissue-derived stem cells induce angiogenesis and nerve sprouting following myocardial infarction, in conjunction with potent preservation of cardiac function. <i>Stem Cells</i> , 2009 , 27, 230-7	5.8	218
76	IFATS collection: The conditioned media of adipose stromal cells protect against hypoxia-ischemia-induced brain damage in neonatal rats. <i>Stem Cells</i> , 2009 , 27, 478-88	5.8	204
75	Interphase FISH demonstrates that human adipose stromal cells maintain a high level of genomic stability in long-term culture. <i>Stem Cells and Development</i> , 2009 , 18, 717-24	4.4	48
74	Adipose stromal cells and platelet-rich plasma therapies synergistically increase revascularization during wound healing. <i>Plastic and Reconstructive Surgery</i> , 2009 , 123, 56S-64S	2.7	115
73	Transgenic model of smooth muscle cell cycle reentry: expression pattern of the collagenous matrix. <i>Cardiovascular Pathology</i> , 2008 , 17, 72-80	3.8	2
72	In vitro clonal analysis of murine pluripotent stem cells isolated from skeletal muscle and adipose stromal cells. <i>Experimental Hematology</i> , 2008 , 36, 224-34	3.1	17
71	A central role for hepatocyte growth factor in adipose tissue angiogenesis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E336-44	6	55
70	A population of multipotent CD34-positive adipose stromal cells share pericyte and mesenchymal surface markers, reside in a periendothelial location, and stabilize endothelial networks. <i>Circulation Research</i> , 2008 , 102, 77-85	15.7	680
69	Coronary venous retroperfusion: an old concept, a new approach. <i>Journal of Applied Physiology</i> , 2008 , 104, 1266-72	3.7	22
68	IFATS collection: Combinatorial peptides identify alpha5beta1 integrin as a receptor for the matricellular protein SPARC on adipose stromal cells. <i>Stem Cells</i> , 2008 , 26, 2735-45	5.8	63
67	IFATS collection: Adipose stromal cell differentiation is reduced by endothelial cell contact and paracrine communication: role of canonical Wnt signaling. <i>Stem Cells</i> , 2008 , 26, 2674-81	5.8	84
66	Adipose stromal/stem cells: basic and translational advances: the IFATS collection. <i>Stem Cells</i> , 2008 , 26, 2664-5	5.8	51
65	Adipogenesis of Adipose Stromal Cells is Reduced by Endothelial Cell Co-cultivation: Role for Wnt-signaling. <i>FASEB Journal</i> , 2008 , 22, 49.11	0.9	
64	Purified Gr1+CD11b+ Cells Induce Neovascularization in An Ischemic Hind Limb Mouse Model.. <i>Blood</i> , 2008 , 112, 1894-1894	2.2	
63	Suppression of hepatocyte growth factor production impairs the ability of adipose-derived stem cells to promote ischemic tissue revascularization. <i>Stem Cells</i> , 2007 , 25, 3234-43	5.8	185
62	Urokinase gene transfer augments angiogenesis in ischemic skeletal and myocardial muscle. <i>Molecular Therapy</i> , 2007 , 15, 1939-46	11.7	45

61	Acute myocardial infarction in swine rapidly and selectively releases highly proliferative endothelial colony forming cells (ECFCs) into circulation. <i>Cell Transplantation</i> , 2007 , 16, 887-97	4	43
60	Molecular and Cellular Physiology of Differentiated Vascular Smooth Muscle 2007 , 1511-1523		
59	Endothelial-monocyte-activating polypeptide II induces migration of endothelial progenitor cells via the chemokine receptor CXCR3. <i>Experimental Hematology</i> , 2006 , 34, 1125-32	3.1	36
58	Vascular injury response in mice is dependent on genetic background. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H1307-10	5.2	4
57	Adipose tissue production of hepatocyte growth factor contributes to elevated serum HGF in obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E843-8	6	79
56	Clonal multilineage differentiation of murine common pluripotent stem cells isolated from skeletal muscle and adipose stromal cells. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1044, 183-200	6.5	43
55	Enhancing myocardial plasmid expression by retrograde coronary venous delivery. <i>Catheterization and Cardiovascular Interventions</i> , 2005 , 65, 528-34	2.7	5
54	Radiolabeled cell distribution after intramyocardial, intracoronary, and interstitial retrograde coronary venous delivery: implications for current clinical trials. <i>Circulation</i> , 2005 , 112, 1150-6	16.7	438
53	Balancing luminal size and smooth muscle proliferation--a key control point in atherosclerosis and arteriogenesis. <i>Exs</i> , 2005 , 193-205		
52	Angiostatin is negatively associated with coronary collateral growth in patients with coronary artery disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H2042-6	5.2	37
51	Stem Cells and Progenitor Cells in Cardiovascular Disease 2005 , 71-80		
50	Intrapericardial drug delivery for prevention of restenosis 2005 , 549-558		
49	Engineered zinc finger-activating vascular endothelial growth factor transcription factor plasmid DNA induces therapeutic angiogenesis in rabbits with hindlimb ischemia. <i>Circulation</i> , 2004 , 110, 2467-75	16.7	61
48	Cellular approaches to tissue repair in cardiovascular disease: the more we know, the more there is to learn. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 287, H458-63	5.2	10
47	Reduced pericardial levels of endostatin correlate with collateral development in patients with ischemic heart disease. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 1383-7	15.1	57
46	Exercise acutely increases circulating endothelial progenitor cells and monocyte-/macrophage-derived angiogenic cells. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 2314-8	15.1	256
45	Secretion of angiogenic and antiapoptotic factors by human adipose stromal cells. <i>Circulation</i> , 2004 , 109, 1292-8	16.7	1777
44	P38 MAPK mediates myocardial proinflammatory cytokine production and endotoxin-induced contractile suppression. <i>Shock</i> , 2004 , 21, 170-4	3.4	53

43	Preconditioning: evolution of basic mechanisms to potential therapeutic strategies. <i>Shock</i> , 2004 , 21, 195-209	3.4	48
42	Vascular ligation response is independent of p107: stressing the role of the related p130. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H915-8	5.2	5
41	Widespread regional myocardial transfection by plasmid encoding Del-1 following retrograde coronary venous delivery. <i>Catheterization and Cardiovascular Interventions</i> , 2003 , 58, 207-11	2.7	33
40	Obesity is associated with increased levels of circulating hepatocyte growth factor. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 1408-13	15.1	123
39	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part I. <i>Circulation</i> , 2003 , 108, 1664-72	16.7	1985
38	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part II. <i>Circulation</i> , 2003 , 108, 1772-8	16.7	886
37	Peripheral blood "endothelial progenitor cells" are derived from monocyte/macrophages and secrete angiogenic growth factors. <i>Circulation</i> , 2003 , 107, 1164-9	16.7	1474
36	Smooth muscle-specific expression of SV40 large TAg induces SMC proliferation causing adaptive arterial remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H2714-24	5.2	9
35	Stent-based approach for ventricle-to-coronary artery bypass. <i>Circulation</i> , 2002 , 106, 1000-6	16.7	32
34	Direct evidence for the importance of p130 in injury response and arterial remodeling following carotid artery ligation. <i>Cardiovascular Research</i> , 2002 , 54, 676-83	9.9	17
33	Augmentation of intrapericardial nitric oxide level by a prolonged-release nitric oxide donor reduces luminal narrowing after porcine coronary angioplasty. <i>Circulation</i> , 2002 , 105, 2779-84	16.7	55
32	Comparison of light-activated surgical adhesive and suture techniques for vascular repair: an in-vivo study 2002 , 4609, 229		
31	Liquid-filled balloon brachytherapy using (68)Ga is effective and safe because of the short 68-minute half-life: results of a feasibility study in the porcine coronary overstretch model. <i>Circulation</i> , 2001 , 103, 1793-8	16.7	4
30	Studies of renal injury III: lipid-induced nephropathy in type II diabetes. <i>Kidney International</i> , 2000 , 57, 92-104	9.9	53
29	Intrapericardial paclitaxel delivery inhibits neointimal proliferation and promotes arterial enlargement after porcine coronary overstretch. <i>Circulation</i> , 2000 , 102, 1575-81	16.7	47
28	p75(NTR) mediates neurotrophin-induced apoptosis of vascular smooth muscle cells. <i>American Journal of Pathology</i> , 2000 , 157, 1247-58	5.8	69
27	Differences in the effects of HMG-CoA reductase inhibitors on proliferation and viability of smooth muscle cells in culture. <i>Atherosclerosis</i> , 2000 , 150, 331-41	3.1	44
26	Increased Intramural Retention After Local Delivery of Molecules with Increased Binding Properties: Implications for Regional Delivery of Pharmacologic Agents. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 1999 , 4, 103-112	2.6	9

25	NGF activates similar intracellular signaling pathways in vascular smooth muscle cells as PDGF-BB but elicits different biological responses. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 1041-50	9.4	56
24	Pharmacokinetics and consistency of pericardial delivery directed to coronary arteries: direct comparison with endoluminal delivery. <i>Clinical Cardiology</i> , 1999 , 22, 110-6	3.3	29
23	Efficient in vivo catheter-based pericardial gene transfer mediated by adenoviral vectors. <i>Clinical Cardiology</i> , 1999 , 22, 123-9	3.3	62
22	Establishment of a clinically correlated human pericardial fluid bank: evaluation of intrapericardial diagnostic potential. <i>Clinical Cardiology</i> , 1999 , 22, 140-2	3.3	16
21	Heparin responsiveness in vitro as a prognostic tool for vascular graft stenosis: a tale of two cell types?. <i>Circulation</i> , 1998 , 97, 2486-90	16.7	10
20	Gene therapy for restenosis: getting nearer the heart of the matter. <i>Circulation Research</i> , 1998 , 82, 295-305	19.7	68
19	Effect of atherosclerosis on transmural convection an arterial ultrastructure. Implications for local intravascular drug delivery. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 3365-75	9.4	45
18	Gene-based therapies for restenosis. <i>Advanced Drug Delivery Reviews</i> , 1997 , 24, 109-120	18.5	12
17	Pharmacokinetics of Local Vector Delivery to Vascular Tissues: Implications for Efficiency and Localization of Transduction. <i>Developments in Cardiovascular Medicine</i> , 1997 , 477-498		4
16	Microparticle deposition in periarterial microvasculature and intramural dissections after porous balloon delivery into atherosclerotic vessels: quantitation and localization by confocal scanning laser microscopy. <i>American Heart Journal</i> , 1996 , 131, 892-8	4.9	29
15	Vascular repair mechanisms after directional atherectomy or percutaneous transluminal coronary angioplasty in atherosclerotic rabbit iliac arteries. <i>American Heart Journal</i> , 1996 , 132, 13-22	4.9	9
14	High efficiency adenovirus-mediated pericardial gene transfer in vivo. <i>Journal of the American College of Cardiology</i> , 1996 , 27, 31	15.1	6
13	Evaluation of the concentration and bioactivity of adenovirus vectors for gene therapy. <i>Journal of Virology</i> , 1996 , 70, 7498-509	6.6	665
12	Catheter-based local drug delivery. <i>ACC Current Journal Review</i> , 1995 , 4, 11-13		1
11	Regional and arterial localization of radioactive microparticles after local delivery by unsupported or supported porous balloon catheters. <i>American Heart Journal</i> , 1995 , 129, 852-9	4.9	59
10	Local delivery of biodegradable microparticles containing colchicine or a colchicine analogue: effects on restenosis and implications for catheter-based drug delivery. <i>Journal of the American College of Cardiology</i> , 1995 , 26, 1549-57	15.1	64
9	Pharmacokinetics of adenoviral vector-mediated gene delivery to vascular smooth muscle cells: modulation by poloxamer 407 and implications for cardiovascular gene therapy. <i>Human Gene Therapy</i> , 1995 , 6, 41-53	4.8	79
8	Vascular injury, repair, and restenosis after percutaneous transluminal angioplasty in the atherosclerotic rabbit. <i>Circulation</i> , 1995 , 92, 2995-3005	16.7	96

7	Combination of 8-methoxypsoralen and ultraviolet A inhibits smooth muscle proliferation in vitro and in vivo after angioplasty 1994 ,		1
6	Methods and devices for local drug delivery in coronary and peripheral arteries. <i>Trends in Cardiovascular Medicine</i> , 1993 , 3, 163-70	6.9	32
5	Direct intraarterial wall injection of microparticles via a catheter: a potential drug delivery strategy following angioplasty. <i>American Heart Journal</i> , 1991 , 122, 1136-40	4.9	64
4	Molecular cardiology: new avenues for the diagnosis and treatment of cardiovascular disease. <i>Journal of the American College of Cardiology</i> , 1989 , 13, 265-82	15.1	24
3	pH-dependent processes in proteins. <i>Critical Reviews in Biochemistry</i> , 1985 , 18, 91-197		150
2	Analysis of electrostatic interactions and their relationship to conformation and stability of bovine pancreatic trypsin inhibitor. <i>Biochemistry</i> , 1982 , 21, 5241-51	3.2	41
1	Charge-site communication in proteins: electrostatic heme linkage of azide binding by sperm whale myoglobin. <i>Biochemistry</i> , 1980 , 19, 3039-47	3.2	21