Kenneth Walsh

List of Publications by Year in Descending Order

321 papers	46,370 citations	104 h-index	210 g-index
339 ext. papers	50,789 ext. citations	9.4 avg, IF	7.35 L-index

#	Paper	IF	Citations
321	Space flight associated changes in astronauts plasma-derived small extracellular vesicle microRNA: Biomarker identification. *Clinical and Translational Medicine*, **2022**, 12,	5.7	1
320	Emerging Role of Exosomal Long Non-coding RNAs in Spaceflight-Associated Risks in Astronauts.. *Frontiers in Genetics*, **2021**, 12, 812188	4.5	0
319	Cell-Free Mitochondrial DNA as a Potential Biomarker for Astronauts' Health. *Journal of the American Heart Association*, **2021**, 10, e022055	6	7
318	Perivascular Adipose Tissue Inflammation in Ischemic Heart Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 1239-1250	9.4	5
317	Importance of clonal hematopoiesis in heart failure. *Trends in Cardiovascular Medicine*, **2021**,	6.9	1
316	Bone Marrow Transplantation Procedures in Mice to Study Clonal Hematopoiesis. *Journal of Visualized Experiments*, **2021**,	1.6	2
315	Murine models of clonal hematopoiesis to assess mechanisms of cardiovascular disease. *Cardiovascular Research*, **2021**,	9.9	1
314	TP53-mediated therapy-related clonal hematopoiesis contributes to doxorubicin-induced cardiomyopathy by augmenting a neutrophil-mediated cytotoxic response. *JCI Insight*, **2021**, 6,	9.9	6
313	Isolation of Highly Purified and Viable Retinal Endothelial Cells. *Journal of Vascular Research*, **2021**, 58, 49-57	1.9	2
312	The Cell Surface Receptors Ror1/2 Control Cardiac Myofibroblast Differentiation. *Journal of the American Heart Association*, **2021**, 10, e019904	6	2
311	The Cancer Therapy-Related Clonal Hematopoiesis Driver Gene Promotes Inflammation and Non-Ischemic Heart Failure in Mice. *Circulation Research*, **2021**, 129, 684-698	15.7	4
310	Hematopoietic JAK2-mediated clonal hematopoiesis: AIM2 understand mechanisms of atherogenesis **2021**, 1,		1
309	Nitroxide-enhanced MRI of cardiovascular oxidative stress. *NMR in Biomedicine*, **2020**, 33, e4359	4.4	2
308	Clonal Hematopoiesis: A New Step Linking Inflammation to Heart Failure. *JACC Basic To Translational Science*, **2020**, 5, 196-207	8.7	12
307	Genetics of age-related clonal hematopoiesis and atherosclerotic cardiovascular disease. *Current Opinion in Cardiology*, **2020**, 35, 219-225	2.1	7
306	Tet2-mediated clonal hematopoiesis in nonconditioned mice accelerates age-associated cardiac dysfunction. *JCI Insight*, **2020**, 5,	9.9	43
305	Cardiovascular Disease, Aging, and Clonal Hematopoiesis. *Annual Review of Pathology: Mechanisms of Disease*, **2020**, 15, 419-438	34	39

304	Somatic mosaicism: implications for the cardiovascular system. *European Heart Journal*, **2020**, 41, 2904-2907	35.7	4
303	The role of clonal haematopoiesis in cardiovascular diseases: epidemiology and experimental studies. *Journal of Internal Medicine*, **2020**, 288, 507-517	10.8	7
302	TET2-Loss-of-Function-Driven Clonal Hematopoiesis Exacerbates Experimental Insulin Resistance in Aging and Obesity. *Cell Reports*, **2020**, 33, 108326	10.6	35
301	Lentiviral CRISPR/Cas9-Mediated Genome Editing for the Study of Hematopoietic Cells in Disease Models. *Journal of Visualized Experiments*, **2019**,	1.6	6
300	Self-reactive CD4 IL-3 T cells amplify autoimmune inflammation in myocarditis by inciting monocyte chemotaxis. *Journal of Experimental Medicine*, **2019**, 216, 369-383	16.6	17
299	Wnt5a-Mediated Neutrophil Recruitment Has an Obligatory Role in Pressure Overload-Induced Cardiac Dysfunction. *Circulation*, **2019**, 140, 487-499	16.7	28
298	Endothelial Cells Regulate Physiological Cardiomyocyte Growth via VEGFR2-Mediated Paracrine Signaling. *Circulation*, **2019**, 139, 2570-2584	16.7	51
297	-Mediated Clonal Hematopoiesis Accelerates Pathological Remodeling in Murine Heart Failure. *JACC Basic To Translational Science*, **2019**, 4, 684-697	8.7	45
296	Tet2-Mediated Clonal Hematopoiesis Accelerates Heart Failure Through a Mechanism Involving the IL-1 NLRP3 Inflammasome. *Journal of the American College of Cardiology*, **2018**, 71, 875-886	15.1	252
295	Somatic Mutations and Clonal Hematopoiesis: Unexpected Potential New Drivers of Age-Related Cardiovascular Disease. *Circulation Research*, **2018**, 122, 523-532	15.7	72
294	Acute and Chronic Increases of Circulating FSTL1 Normalize Energy Substrate Metabolism in Pacing-Induced Heart Failure. *Circulation: Heart Failure*, **2018**, 11, e004486	7.6	19
293	CRISPR-Mediated Gene Editing to Assess the Roles of Tet2 and Dnmt3a in Clonal Hematopoiesis and Cardiovascular Disease. *Circulation Research*, **2018**, 123, 335-341	15.7	138
292	Relaxin Family Member Insulin-Like Peptide 6 Ameliorates Cardiac Fibrosis and Prevents Cardiac Remodeling in Murine Heart Failure Models. *Journal of the American Heart Association*, **2018**, 7,	6	11
291	Somatic mutations that contribute to clonal hematopoiesis and cardiovascular disease risk: New mechanisms, new pharmacological targets. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, SY4-1	0	
290	Clonal Hematopoiesis and Its Impact on Cardiovascular Disease. *Circulation Journal*, **2018**, 83, 2-11	2.9	25
289	Clonal hematopoiesis associated with TET2 deficiency accelerates atherosclerosis development in mice. *Science*, **2017**, 355, 842-847	33.3	602
288	RNA-seq and metabolomic analyses of Akt1-mediated muscle growth reveals regulation of regenerative pathways and changes in the muscle secretome. *BMC Genomics*, **2017**, 18, 181	4.5	24
287	Hematopoiesis Lineage Tree Uprooted: Every Cell Is a Rainbow. *Developmental Cell*, **2017**, 41, 7-9	10.2	3

286	WNT5A regulates adipose tissue angiogenesis via antiangiogenic VEGF-Ab in obese humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H200-H206	5.2	21
285	Different Sequences of Fractionated Low-Dose Proton and Single Iron-Radiation-Induced Divergent Biological Responses in the Heart. *Radiation Research*, **2017**, 188, 191-203	3.1	18
284	Genetic deficiency of Wnt5a diminishes disease severity in a murine model of rheumatoid arthritis. *Arthritis Research and Therapy*, **2017**, 19, 166	5.7	10
283	lncRNA Chronos is an aging-induced inhibitor of muscle hypertrophy. *Journal of Cell Biology*, **2017**, 216, 3497-3507	7.3	33
282	Activation of non-canonical WNT signaling in human visceral adipose tissue contributes to local and systemic inflammation. *Scientific Reports*, **2017**, 7, 17326	4.9	26
281	Humans and Mice Display Opposing Patterns of "Browning" Gene Expression in Visceral and Subcutaneous White Adipose Tissue Depots. *Frontiers in Cardiovascular Medicine*, **2017**, 4, 27	5.4	58
280	Obesity-Induced Changes in Adipose Tissue Microenvironment and Their Impact on Cardiovascular Disease. *Circulation Research*, **2016**, 118, 1786-807	15.7	287
279	Endothelial Dysfunction in Human Diabetes Is Mediated by Wnt5a-JNK Signaling. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 561-9	9.4	69
278	Secreted Frizzled-related Protein 5 Diminishes Cardiac Inflammation and Protects the Heart from Ischemia/Reperfusion Injury. *Journal of Biological Chemistry*, **2016**, 291, 2566-75	5.4	78
277	Genetic and Pharmacological Modulation of Akt1 for Improving Ovarian Graft Revascularization in a Mouse Model. *Biology of Reproduction*, **2016**, 94, 14	3.9	9
276	miR-410 and miR-495 Are Dynamically Regulated in Diverse Cardiomyopathies and Their Inhibition Attenuates Pathological Hypertrophy. *PLoS ONE*, **2016**, 11, e0151515	3.7	29
275	Application of ion-senstitive field effect transistors for measuring glial cell K+ transport **2016**,		1
274	Follistatin-like 1 promotes cardiac fibroblast activation and protects the heart from rupture. *EMBO Molecular Medicine*, **2016**, 8, 949-66	12	62
273	WNT5A-JNK regulation of vascular insulin resistance in human obesity. *Vascular Medicine*, **2016**, 21, 489-496	3.6	24
272	The Whitening of Brown Fat and Its Implications for Weight Management in Obesity. *Current Obesity Reports*, **2015**, 4, 224-9	8.4	58
271	C1q/Tumor Necrosis Factor-Related Protein 9 Protects against Acute Myocardial Injury through an Adiponectin Receptor I-AMPK-Dependent Mechanism. *Molecular and Cellular Biology*, **2015**, 35, 2173-85	4.8	68
270	C1q Deficiency Promotes Pulmonary Vascular Inflammation and Enhances the Susceptibility of the Lung Endothelium to Injury. *Journal of Biological Chemistry*, **2015**, 290, 29642-51	5.4	14
269	Epicardial FSTL1 reconstitution regenerates the adult mammalian heart. *Nature*, **2015**, 525, 479-85	50.4	309

268	Functional implications of mitofusin 2-mediated mitochondrial-SR tethering. *Journal of Molecular and Cellular Cardiology*, **2015**, 78, 123-8	5.8	51
267	A pneumocyte-macrophage paracrine lipid axis drives the lung toward fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, **2015**, 53, 74-86	5.7	70
266	Metabolomic analysis of akt1-mediated muscle hypertrophy in models of diet-induced obesity and age-related fat accumulation. *Journal of Proteome Research*, **2015**, 14, 342-52	5.6	12
265	Cardiac myocyte-derived follistatin-like 1 prevents renal injury in a subtotal nephrectomy model. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 636-46	12.7	38
264	Noncanonical Wnt signaling promotes obesity-induced adipose tissue inflammation and metabolic dysfunction independent of adipose tissue expansion. *Diabetes*, **2015**, 64, 1235-48	0.9	90
263	Partial Liver Kinase B1 (LKB1) Deficiency Promotes Diastolic Dysfunction, De Novo Systolic Dysfunction, Apoptosis, and Mitochondrial Dysfunction With Dietary Metabolic Challenge. *Journal of the American Heart Association*, **2015**, 5,	6	4
262	Obesity-induced adipokine imbalance impairs mouse pulmonary vascular endothelial function and primes the lung for injury. *Scientific Reports*, **2015**, 5, 11362	4.9	57
261	An antiangiogenic isoform of VEGF-A contributes to impaired vascularization in peripheral artery disease. *Nature Medicine*, **2014**, 20, 1464-71	50.5	131
260	TNF-TNFR2/p75 signaling inhibits early and increases delayed nontargeted effects in bone marrow-derived endothelial progenitor cells. *Journal of Biological Chemistry*, **2014**, 289, 14178-93	5.4	9
259	Muscle-derived follistatin-like 1 functions to reduce neointimal formation after vascular injury. *Cardiovascular Research*, **2014**, 103, 111-20	9.9	50
258	Divergent roles for adiponectin receptor 1 (AdipoR1) and AdipoR2 in mediating revascularization and metabolic dysfunction in vivo. *Journal of Biological Chemistry*, **2014**, 289, 16200-13	5.4	24
257	The injury-induced myokine insulin-like 6 is protective in experimental autoimmune myositis. *Skeletal Muscle*, **2014**, 4, 16	5.1	8
256	Adiponectin attenuates abdominal aortic aneurysm formation in hyperlipidemic mice. *Atherosclerosis*, **2014**, 235, 339-46	3.1	12
255	Cardiovascular risks associated with low dose ionizing particle radiation. *PLoS ONE*, **2014**, 9, e110269	3.7	36
254	Glutaredoxin-1 up-regulation induces soluble vascular endothelial growth factor receptor 1, attenuating post-ischemia limb revascularization. *Journal of Biological Chemistry*, **2014**, 289, 8633-44	5.4	43
253	Akt1-mediated fast/glycolytic skeletal muscle growth attenuates renal damage in experimental kidney disease. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 2800-11	12.7	36
252	Adiponectin receptor signaling on dendritic cells blunts antitumor immunity. *Cancer Research*, **2014** , 74, 5711-22	10.1	33
251	The good, the bad, and the ugly of interleukin-6 signaling. *EMBO Journal*, **2014**, 33, 1425-7	13	69

250	Antiangiogenic actions of vascular endothelial growth factor-A165b, an inhibitory isoform of vascular endothelial growth factor-A, in human obesity. *Circulation*, **2014**, 130, 1072-80	16.7	51
249	Aberrant cell cycle reentry in human and experimental inclusion body myositis and polymyositis. *Human Molecular Genetics*, **2014**, 23, 3681-94	5.6	13
248	Glycolytic fast-twitch muscle fiber restoration counters adverse age-related changes in body composition and metabolism. *Aging Cell*, **2014**, 13, 80-91	9.9	53
247	Cardiometabolic effects of adiponectin. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2014**, 28, 81-91	6.5	38
246	Adipokines: a link between obesity and cardiovascular disease. *Journal of Cardiology*, **2014**, 63, 250-9	3	289
245	Lipidomic analysis of the liver identifies changes of major and minor lipid species in adiponectin deficient mice. *Experimental and Molecular Pathology*, **2013**, 94, 412-7	4.4	5
244	Androgen receptor promotes sex-independent angiogenesis in response to ischemia and is required for activation of vascular endothelial growth factor receptor signaling. *Circulation*, **2013**, 128, 60-71	16.7	42
243	T-cadherin is essential for adiponectin-mediated revascularization. *Journal of Biological Chemistry*, **2013**, 288, 24886-97	5.4	109
242	Cardiac PI3K-Akt impairs insulin-stimulated glucose uptake independent of mTORC1 and GLUT4 translocation. *Molecular Endocrinology*, **2013**, 27, 172-84		52
241	Assessment of cardiac proteome dynamics with heavy water: slower protein synthesis rates in interfibrillar than subsarcolemmal mitochondria. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 304, H1201-14	5.2	56
240	Retinoic acid receptor β stimulates hepatic induction of fibroblast growth factor 21 to promote fatty acid oxidation and control whole-body energy homeostasis in mice. *Journal of Biological Chemistry*, **2013**, 288, 10490-504	5.4	67
239	Adiponectin upregulates hepatocyte CMKLR1 which is reduced in human fatty liver. *Molecular and Cellular Endocrinology*, **2012**, 349, 248-54	4.4	45
238	Foxo/atrogin induction in human and experimental myositis. *Neurobiology of Disease*, **2012**, 46, 463-75	7.5	12
237	Cardiokines: recent progress in elucidating the cardiac secretome. *Circulation*, **2012**, 126, e327-32	16.7	83
236	Follistatin-like 3 mediates paracrine fibroblast activation by cardiomyocytes. *Journal of Cardiovascular Translational Research*, **2012**, 5, 814-26	3.3	28
235	Short-term akt activation in cardiac muscle cells improves contractile function in failing hearts. *American Journal of Pathology*, **2012**, 181, 1969-76	5.8	19
234	Adiponectin attenuates lipopolysaccharide-induced acute lung injury through suppression of endothelial cell activation. *Journal of Immunology*, **2012**, 188, 854-63	5.3	80
233	Mitofusins and the mitochondrial permeability transition: the potential downside of mitochondrial fusion. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 303, H243-55	5.2	44

232	Cardiomyocyte deletion of mitofusin-1 leads to mitochondrial fragmentation and improves tolerance to ROS-induced mitochondrial dysfunction and cell death. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 302, H167-79	5.2	138
231	The polyphenols resveratrol and S17834 prevent the structural and functional sequelae of diet-induced metabolic heart disease in mice. *Circulation*, **2012**, 125, 1757-64, S1-6	16.7	88
230	Therapeutic impact of follistatin-like 1 on myocardial ischemic injury in preclinical models. *Circulation*, **2012**, 126, 1728-38	16.7	123
229	Airway delivery of soluble factors from plastic-adherent bone marrow cells prevents murine asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2012**, 46, 207-16	5.7	58
228	Loss of mitofusin 2 promotes endoplasmic reticulum stress. *Journal of Biological Chemistry*, **2012**, 287, 20321-32	5.4	123
227	Akt1-mediated skeletal muscle growth attenuates cardiac dysfunction and remodeling after experimental myocardial infarction. *Circulation: Heart Failure*, **2012**, 5, 116-25	7.6	32
226	Identification of follistatin-like 1 by expression cloning as an activator of the growth differentiation factor 15 gene and a prognostic biomarker in acute coronary syndrome. *Clinical Chemistry*, **2012**, 58, 1233-41	5.5	39
225	Mitofusins 1 and 2 are essential for postnatal metabolic remodeling in heart. *Circulation Research*, **2012**, 111, 1012-26	15.7	160
224	Mitofusins are required for angiogenic function and modulate different signaling pathways in cultured endothelial cells. *Journal of Molecular and Cellular Cardiology*, **2011**, 51, 885-93	5.8	61
223	Adipokines in inflammation and metabolic disease. *Nature Reviews Immunology*, **2011**, 11, 85-97	36.5	2633
222	Hepatic overexpression of SIRT1 in mice attenuates endoplasmic reticulum stress and insulin resistance in the liver. *FASEB Journal*, **2011**, 25, 1664-79	0.9	229
221	Adipolin/C1qdc2/CTRP12 protein functions as an adipokine that improves glucose metabolism. *Journal of Biological Chemistry*, **2011**, 286, 34552-8	5.4	90
220	NADPH oxidase 4 promotes endothelial angiogenesis through endothelial nitric oxide synthase activation. *Circulation*, **2011**, 124, 731-40	16.7	209
219	Mitofusin-2 maintains mitochondrial structure and contributes to stress-induced permeability transition in cardiac myocytes. *Molecular and Cellular Biology*, **2011**, 31, 1309-28	4.8	252
218	Follistatin-like 1 in chronic systolic heart failure: a marker of left ventricular remodeling. *Circulation: Heart Failure*, **2011**, 4, 621-7	7.6	50
217	Cardiac myocyte-specific ablation of follistatin-like 3 attenuates stress-induced myocardial hypertrophy. *Journal of Biological Chemistry*, **2011**, 286, 9840-8	5.4	32
216	Myogenic Akt signaling attenuates muscular degeneration, promotes myofiber regeneration and improves muscle function in dystrophin-deficient mdx mice. *Human Molecular Genetics*, **2011**, 20, 1324-38	5.6	40
215	Metabolic benefits of resistance training and fast glycolytic skeletal muscle. *American Journal of Physiology - Endocrinology and Metabolism*, **2011**, 300, E3-10	6	79

214	Obesity and pulmonary arterial hypertension: Is adiponectin the molecular link between these conditions?. *Pulmonary Circulation*, **2011**, 1, 440-7	2.7	40
213	Cardiac myocyte follistatin-like 1 functions to attenuate hypertrophy following pressure overload. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, E899-906	11.5	99
212	Increased Akt-mTOR signaling in lung epithelium is associated with respiratory distress syndrome in mice. *Molecular and Cellular Biology*, **2011**, 31, 1054-65	4.8	20
211	Adiponectin ameliorates doxorubicin-induced cardiotoxicity through Akt protein-dependent mechanism. *Journal of Biological Chemistry*, **2011**, 286, 32790-800	5.4	63
210	Angiotensin type I receptor blockade in conjunction with enhanced Akt activation restores coronary collateral growth in the metabolic syndrome. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 300, H1938-49	5.2	13
209	Adiponectin deficiency, diastolic dysfunction, and diastolic heart failure. *Endocrinology*, **2010**, 151, 322-33	4.8	65
208	Thiazolidinediones reduce pathological neovascularization in ischemic retina via an adiponectin-dependent mechanism. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 46-53	9.4	41
207	Impact of a single intracoronary administration of adiponectin on myocardial ischemia/reperfusion injury in a pig model. *Circulation: Cardiovascular Interventions*, **2010**, 3, 166-73	6	71
206	DIP2A functions as a FSTL1 receptor. *Journal of Biological Chemistry*, **2010**, 285, 7127-34	5.4	87
205	What can adiponectin say about left ventricular function?. *Heart*, **2010**, 96, 331-2	5.1	13
204	Adiponectin promotes macrophage polarization toward an anti-inflammatory phenotype. *Journal of Biological Chemistry*, **2010**, 285, 6153-60	5.4	405
203	Calorie restriction prevents hypertension and cardiac hypertrophy in the spontaneously hypertensive rat. *Hypertension*, **2010**, 56, 412-21	8.5	97
202	Insulin-like 6 is induced by muscle injury and functions as a regenerative factor. *Journal of Biological Chemistry*, **2010**, 285, 36060-9	5.4	33
201	Effects of adiponectin deficiency on structural and metabolic remodeling in mice subjected to pressure overload. *American Journal of Physiology - Heart and Circulatory Physiology*, **2010**, 298, H1639-45	5.2	23
200	Modulation of angiotensin II-mediated cardiac remodeling by the MEF2A target gene Xirp2. *Circulation Research*, **2010**, 106, 952-60	15.7	44
199	LKB1 deficiency in Tie2-Cre-expressing cells impairs ischemia-induced angiogenesis. *Journal of Biological Chemistry*, **2010**, 285, 22291-8	5.4	35
198	Androgen receptor counteracts Doxorubicin-induced cardiotoxicity in male mice. *Molecular Endocrinology*, **2010**, 24, 1338-48		52
197	Adiponectin deficiency exacerbates cardiac dysfunction following pressure overload through disruption of an AMPK-dependent angiogenic response. *Journal of Molecular and Cellular Cardiology*, **2010**, 49, 210-20	5.8	91

196	Preserved heart function and maintained response to cardiac stresses in a genetic model of cardiomyocyte-targeted deficiency of cyclooxygenase-2. *Journal of Molecular and Cellular Cardiology*, **2010**, 49, 196-209	5.8	16
195	EB Polyunsaturated fatty acids prevent pressure overload-induced ventricular dilation and decrease in mitochondrial enzymes despite no change in adiponectin. *Lipids in Health and Disease*, **2010**, 9, 95	4.4	16
194	Sfrp5 is an anti-inflammatory adipokine that modulates metabolic dysfunction in obesity. *Science*, **2010**, 329, 454-7	33.3	337
193	Myocardial expression of FOXO3a-Atrogin-1 pathway in human heart failure. *European Journal of Heart Failure*, **2010**, 12, 1290-6	12.3	30
192	Plasma adiponectin and mortality in critically ill subjects with acute respiratory failure. *Critical Care Medicine*, **2010**, 38, 2329-34	1.4	74
191	Insulin-stimulated phosphorylation of endothelial nitric oxide synthase at serine-615 contributes to nitric oxide synthesis. *Biochemical Journal*, **2010**, 426, 85-90	3.8	31
190	Determinants of adiponectin levels in patients with chronic systolic heart failure. *American Journal of Cardiology*, **2010**, 105, 1147-52	3	20
189	T-cadherin is critical for adiponectin-mediated cardioprotection in mice. *Journal of Clinical Investigation*, **2010**, 120, 4342-52	15.9	233
188	mTORC1 activation regulates beta-cell mass and proliferation by modulation of cyclin D2 synthesis and stability. *Journal of Biological Chemistry*, **2009**, 284, 7832-42	5.4	86
187	Activin A and follistatin-like 3 determine the susceptibility of heart to ischemic injury. *Circulation*, **2009**, 120, 1606-15	16.7	69
186	Cardiac-specific deletion of LKB1 leads to hypertrophy and dysfunction. *Journal of Biological Chemistry*, **2009**, 284, 35839-49	5.4	119
185	Caloric restriction stimulates revascularization in response to ischemia via adiponectin-mediated activation of endothelial nitric-oxide synthase. *Journal of Biological Chemistry*, **2009**, 284, 1718-24	5.4	104
184	Myogenic Akt signaling upregulates the utrophin-glycoprotein complex and promotes sarcolemma stability in muscular dystrophy. *Human Molecular Genetics*, **2009**, 18, 318-27	5.6	38
183	Adiponectin suppresses pathological microvessel formation in retina through modulation of tumor necrosis factor-alpha expression. *Circulation Research*, **2009**, 104, 1058-65	15.7	56
182	Obesity increases vascular senescence and susceptibility to ischemic injury through chronic activation of Akt and mTOR. *Science Signaling*, **2009**, 2, ra11	8.8	120
181	Adiponectin deficiency: a model of pulmonary hypertension associated with pulmonary vascular disease. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2009**, 297, L432-8	5.8	88
180	The peroxisome proliferator-activated receptor gamma agonist rosiglitazone ameliorates murine lupus by induction of adiponectin. *Journal of Immunology*, **2009**, 182, 340-6	5.3	75
179	Adiponectin promotes revascularization of ischemic muscle through a cyclooxygenase 2-dependent mechanism. *Molecular and Cellular Biology*, **2009**, 29, 3487-99	4.8	77

178	Interaction of myocardial insulin receptor and IGF receptor signaling in exercise-induced cardiac hypertrophy. *Journal of Molecular and Cellular Cardiology*, **2009**, 47, 664-75	5.8	34
177	Adipokines, myokines and cardiovascular disease. *Circulation Journal*, **2009**, 73, 13-8	2.9	130
176	Ageing is associated with diminished apoptotic cell clearance in vivo. *Clinical and Experimental Immunology*, **2008**, 152, 448-55	6.2	97
175	Usefulness of adiponectin to predict myocardial salvage following successful reperfusion in patients with acute myocardial infarction. *American Journal of Cardiology*, **2008**, 101, 1712-5	3	51
174	Cyclooxygenase-2 induction by adiponectin is regulated by a sphingosine kinase-1 dependent mechanism in cardiac myocytes. *FEBS Letters*, **2008**, 582, 1147-50	3.8	46
173	Adiponectin promotes endothelial progenitor cell number and function. *FEBS Letters*, **2008**, 582, 1607-12	3.8	72
172	FGF21 is an Akt-regulated myokine. *FEBS Letters*, **2008**, 582, 3805-10	3.8	291
171	Fast/Glycolytic muscle fiber growth reduces fat mass and improves metabolic parameters in obese mice. *Cell Metabolism*, **2008**, 7, 159-72	24.6	282
170	SIRT1 regulates hepatocyte lipid metabolism through activating AMP-activated protein kinase. *Journal of Biological Chemistry*, **2008**, 283, 20015-26	5.4	599
169	FOXO3a turns the tumor necrosis factor receptor signaling towards apoptosis through reciprocal regulation of c-Jun N-terminal kinase and NF-kappaB. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 112-20	9.4	42
168	Follistatin-like 1, a secreted muscle protein, promotes endothelial cell function and revascularization in ischemic tissue through a nitric-oxide synthase-dependent mechanism. *Journal of Biological Chemistry*, **2008**, 283, 32802-11	5.4	212
167	Forkhead factor, FOXO3a, induces apoptosis of endothelial cells through activation of matrix metalloproteinases. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 302-8	9.4	36
166	Alveolar macrophage activation and an emphysema-like phenotype in adiponectin-deficient mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2008**, 294, L1035-42	5.8	99
165	Follistatin-like 1 is an Akt-regulated cardioprotective factor that is secreted by the heart. *Circulation*, **2008**, 117, 3099-108	16.7	188
164	A novel role for adiponectin in the regulation of inflammation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1219-21	9.4	59
163	Forkhead transcription factors and cardiovascular biology. *Circulation Research*, **2008**, 102, 16-31	15.7	78
162	Angiogenic-regulatory network revealed by molecular profiling heart tissue following Akt1 induction in endothelial cells. *Angiogenesis*, **2008**, 11, 289-99	10.6	12
161	Forkhead Factor, FOXO3a, Induces Apoptosis of Endothelial Cells Through Activation of Matrix Metalloproteinases. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 302-308	9.4	1

160	Adiponectin and cardiovascular inflammatory responses. *Current Atherosclerosis Reports*, **2007**, 9, 238-43	6	44
159	Endothelial Akt signaling is rate-limiting for rapamycin inhibition of mouse mammary tumor progression. *Cancer Research*, **2007**, 67, 5070-5	10.1	49
158	Adiponectin actions in the cardiovascular system. *Cardiovascular Research*, **2007**, 74, 11-8	9.9	220
157	Adiponectin accumulates in myocardial tissue that has been damaged by ischemia-reperfusion injury via leakage from the vascular compartment. *Cardiovascular Research*, **2007**, 74, 471-9	9.9	74
156	Forkhead transcription factor FOXO3a is a negative regulator of angiogenic immediate early gene CYR61, leading to inhibition of vascular smooth muscle cell proliferation and neointimal hyperplasia. *Circulation Research*, **2007**, 100, 372-80	15.7	90
155	Evidence for adipose-muscle cross talk: opposing regulation of muscle proteolysis by adiponectin and Fatty acids. *Endocrinology*, **2007**, 148, 5696-705	4.8	80
154	Potential of adiponectin as a cardioprotective agent. *Future Cardiology*, **2007**, 3, 647-56	1.3	7
153	Adiponectin modulates inflammatory reactions via calreticulin receptor-dependent clearance of early apoptotic bodies. *Journal of Clinical Investigation*, **2007**, 117, 375-86	15.9	272
152	Obligatory participation of macrophages in an angiopoietin 2-mediated cell death switch. *Development (Cambridge)*, **2007**, 134, 4449-58	6.6	82
151	Adiponectin protects against the development of systolic dysfunction following myocardial infarction. *Journal of Molecular and Cellular Cardiology*, **2007**, 42, 1065-74	5.8	192
150	Adiponectin as an anti-inflammatory factor. *Clinica Chimica Acta*, **2007**, 380, 24-30	6.2	555
149	Cardioprotective Actions of Adiponectin. *High Blood Pressure and Cardiovascular Prevention*, **2007**, 14, 69-73	2.9	1
148	Cardiac growth and angiogenesis coordinated by intertissue interactions. *Journal of Clinical Investigation*, **2007**, 117, 3176-9	15.9	68
147	Contribution of Circulating Progenitor Cells to Vascular Repair and Lesion Formation **2007**, 185-197		
146	Pathological angiogenesis is induced by sustained Akt signaling and inhibited by rapamycin. *Cancer Cell*, **2006**, 10, 159-70	24.3	351
145	Cardioprotection by adiponectin. *Trends in Cardiovascular Medicine*, **2006**, 16, 141-6	6.9	180
144	Targeting adiponectin for cardioprotection. *Expert Opinion on Therapeutic Targets*, **2006**, 10, 573-81	6.4	24
143	Vascular endothelial growth factor blockade promotes the transition from compensatory cardiac hypertrophy to failure in response to pressure overload. *Hypertension*, **2006**, 47, 887-93	8.5	260

142	The novel SPARC family member SMOC-2 potentiates angiogenic growth factor activity. *Journal of Biological Chemistry*, **2006**, 281, 22855-64	5.4	82
141	Adiponectin replenishment ameliorates obesity-related hypertension. *Hypertension*, **2006**, 47, 1108-16	8.5	342
140	Akt signaling and growth of the heart. *Circulation*, **2006**, 113, 2032-4	16.7	74
139	Simvastatin treatment ameliorates autoimmune disease associated with accelerated atherosclerosis in a murine lupus model. *Journal of Immunology*, **2006**, 177, 3028-34	5.3	80
138	Regulation of cardiac growth and coronary angiogenesis by the Akt/PKB signaling pathway. *Genes and Development*, **2006**, 20, 3347-65	12.6	273
137	Impaired angiogenesis in glutathione peroxidase-1-deficient mice is associated with endothelial progenitor cell dysfunction. *Circulation Research*, **2006**, 98, 254-61	15.7	133
136	Microarray analysis of Akt1 activation in transgenic mouse hearts reveals transcript expression profiles associated with compensatory hypertrophy and failure. *Physiological Genomics*, **2006**, 27, 156-70	3.6	44
135	Decreased vascular lesion formation in mice with inducible endothelial-specific expression of protein kinase Akt. *Journal of Clinical Investigation*, **2006**, 116, 334-43	15.9	64
134	Akt3 overexpression in the heart results in progression from adaptive to maladaptive hypertrophy. *Journal of Molecular and Cellular Cardiology*, **2005**, 38, 375-85	5.8	71
133	Adiponectin protects against myocardial ischemia-reperfusion injury through AMPK- and COX-2-dependent mechanisms. *Nature Medicine*, **2005**, 11, 1096-103	50.5	848
132	PKCalpha activates eNOS and increases arterial blood flow in vivo. *Circulation Research*, **2005**, 97, 482-7	15.7	76
131	Microvascular patterning is controlled by fine-tuning the Akt signal. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 128-33	11.5	131
130	The FOXO3a transcription factor regulates cardiac myocyte size downstream of AKT signaling. *Journal of Biological Chemistry*, **2005**, 280, 20814-23	5.4	260
129	Intraneuronal beta-amyloid expression downregulates the Akt survival pathway and blunts the stress response. *Journal of Neuroscience*, **2005**, 25, 10960-9	6.6	100
128	AMP-activated protein kinase signaling stimulates VEGF expression and angiogenesis in skeletal muscle. *Circulation Research*, **2005**, 96, 838-46	15.7	198
127	Glycogen-Synthase Kinase3beta/beta-catenin axis promotes angiogenesis through activation of vascular endothelial growth factor signaling in endothelial cells. *Circulation Research*, **2005**, 96, 308-18	15.7	129
126	Akt/FOXO3a signaling modulates the endothelial stress response through regulation of heat shock protein 70 expression. *FASEB Journal*, **2005**, 19, 1042-4	0.9	54
125	Disruption of coordinated cardiac hypertrophy and angiogenesis contributes to the transition to heart failure. *Journal of Clinical Investigation*, **2005**, 115, 2108-18	15.9	709

124	Akt1/protein kinase Balpha is critical for ischemic and VEGF-mediated angiogenesis. *Journal of Clinical Investigation*, **2005**, 115, 2119-27	15.9	303
123	The pro- and antiangiogenic effects of statins. *Seminars in Vascular Medicine*, **2004**, 4, 395-400		14
122	Vascular endothelial growth factor activates PI3K/Akt/forkhead signaling in endothelial cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 294-300	9.4	181
121	Nuclear targeting of Akt enhances kinase activity and survival of cardiomyocytes. *Circulation Research*, **2004**, 94, 884-91	15.7	179
120	Celecoxib, a cyclooxygenase-2 inhibitor, reduces neointimal hyperplasia through inhibition of Akt signaling. *Circulation*, **2004**, 110, 301-8	16.7	80
119	Adiponectin stimulates angiogenesis by promoting cross-talk between AMP-activated protein kinase and Akt signaling in endothelial cells. *Journal of Biological Chemistry*, **2004**, 279, 1304-9	5.4	594
118	Selective suppression of endothelial cell apoptosis by the high molecular weight form of adiponectin. *Circulation Research*, **2004**, 94, e27-31	15.7	510
117	Adiponectin stimulates angiogenesis in response to tissue ischemia through stimulation of amp-activated protein kinase signaling. *Journal of Biological Chemistry*, **2004**, 279, 28670-4	5.4	261
116	The Akt-regulated forkhead transcription factor FOXO3a controls endothelial cell viability through modulation of the caspase-8 inhibitor FLIP. *Journal of Biological Chemistry*, **2004**, 279, 1513-25	5.4	215
115	Endothelial overexpression of Fas ligand decreases atherosclerosis in apolipoprotein E-deficient mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1466-73	9.4	18
114	Impaired clearance of apoptotic cells promotes synergy between atherogenesis and autoimmune disease. *Journal of Experimental Medicine*, **2004**, 199, 1121-31	16.6	143
113	Adiponectin-mediated modulation of hypertrophic signals in the heart. *Nature Medicine*, **2004**, 10, 1384-9	30.5	568
112	Cardiac stem cell and myocyte aging, heart failure, and insulin-like growth factor-1 overexpression. *Circulation Research*, **2004**, 94, 514-24	15.7	477
111	AMP-activated protein kinase is required for the lipid-lowering effect of metformin in insulin-resistant human HepG2 cells. *Journal of Biological Chemistry*, **2004**, 279, 47898-905	5.4	340
110	Foxo transcription factors induce the atrophy-related ubiquitin ligase atrogin-1 and cause skeletal muscle atrophy. *Cell*, **2004**, 117, 399-412	56.2	2133
109	Akt activity negatively regulates phosphorylation of AMP-activated protein kinase in the heart. *Journal of Biological Chemistry*, **2003**, 278, 39422-7	5.4	298
108	Akt signaling regulates side population cell phenotype via Bcrp1 translocation. *Journal of Biological Chemistry*, **2003**, 278, 39068-75	5.4	132
107	Obesity, adiponectin and vascular inflammatory disease. *Current Opinion in Lipidology*, **2003**, 14, 561-6	4.4	541

106	Statin therapy and angiogenesis. *Current Opinion in Lipidology*, **2003**, 14, 599-603	4.4	66
105	AMP-activated protein kinase (AMPK) signaling in endothelial cells is essential for angiogenesis in response to hypoxic stress. *Journal of Biological Chemistry*, **2003**, 278, 31000-6	5.4	279
104	Abeta42 generation is toxic to endothelial cells and inhibits eNOS function through an Akt/GSK-3beta signaling-dependent mechanism. *Neurobiology of Aging*, **2003**, 24, 437-51	5.6	60
103	Endothelial cell overexpression of fas ligand attenuates ischemia-reperfusion injury in the heart. *Journal of Biological Chemistry*, **2003**, 278, 15185-91	5.4	33
102	Phosphorylation of cardiac protein kinase B is regulated by palmitate. *American Journal of Physiology - Heart and Circulatory Physiology*, **2002**, 283, H1056-64	5.2	34
101	Regulation of angiogenesis by glycogen synthase kinase-3beta. *Journal of Biological Chemistry*, **2002**, 277, 41888-96	5.4	96
100	Suppression of Akt signaling induces Fas ligand expression: involvement of caspase and Jun kinase activation in Akt-mediated Fas ligand regulation. *Molecular and Cellular Biology*, **2002**, 22, 680-91	4.8	131
99	Shear stress stimulates phosphorylation of endothelial nitric-oxide synthase at Ser1179 by Akt-independent mechanisms: role of protein kinase A. *Journal of Biological Chemistry*, **2002**, 277, 3388-96	5.4	350
98	Modulation by peroxynitrite of Akt- and AMP-activated kinase-dependent Ser1179 phosphorylation of endothelial nitric oxide synthase. *Journal of Biological Chemistry*, **2002**, 277, 32552-7	5.4	156
97	Angiopoietin-1 negatively regulates expression and activity of tissue factor in endothelial cells. *FASEB Journal*, **2002**, 16, 126-8	0.9	85
96	Akt signaling mediates postnatal heart growth in response to insulin and nutritional status. *Journal of Biological Chemistry*, **2002**, 277, 37670-7	5.4	163
95	Myogenic Akt signaling regulates blood vessel recruitment during myofiber growth. *Molecular and Cellular Biology*, **2002**, 22, 4803-14	4.8	138
94	Role of Akt signaling in vascular homeostasis and angiogenesis. *Circulation Research*, **2002**, 90, 1243-50	15.7	791
93	Elevated myocardial Akt signaling ameliorates doxorubicin-induced congestive heart failure and promotes heart growth. *Journal of Molecular and Cellular Cardiology*, **2002**, 34, 1241-7	5.8	70
92	Akt signaling mediates VEGF/VPF vascular permeability in vivo. *FEBS Letters*, **2002**, 532, 67-9	3.8	51
91	Activation of Akt2 Inhibits anoikis and apoptosis induced by myogenic differentiation. *Cell Death and Differentiation*, **2001**, 8, 1207-12	12.7	32
90	Sphingosine 1-phosphate activates Akt, nitric oxide production, and chemotaxis through a Gi protein/phosphoinositide 3-kinase pathway in endothelial cells. *Journal of Biological Chemistry*, **2001**, 276, 19672-7	5.4	224
89	Glycoprotein 130 regulates cardiac myocyte survival in doxorubicin-induced apoptosis through phosphatidylinositol 3-kinase/Akt phosphorylation and Bcl-xL/caspase-3 interaction. *Circulation*, **2001**, 103, 555-61	16.7	187

88	Adrenomedullin induces endothelium-dependent vasorelaxation via the phosphatidylinositol 3-kinase/Akt-dependent pathway in rat aorta. *Circulation Research*, **2001**, 89, 63-70	15.7	145
87	Akt down-regulation of p38 signaling provides a novel mechanism of vascular endothelial growth factor-mediated cytoprotection in endothelial cells. *Journal of Biological Chemistry*, **2001**, 276, 30359-65	5.4	230
86	Activated Akt protects the lung from oxidant-induced injury and delays death of mice. *Journal of Experimental Medicine*, **2001**, 193, 545-49	16.6	82
85	Decorin-mediated signal transduction in endothelial cells. Involvement of Akt/protein kinase B in up-regulation of p21(WAF1/CIP1) but not p27(KIP1). *Journal of Biological Chemistry*, **2001**, 276, 40687-92	5.4	90
84	Phosphatidylinositol 3-kinase/Akt activity regulates c-FLIP expression in tumor cells. *Journal of Biological Chemistry*, **2001**, 276, 6893-6	5.4	214
83	Fas ligand overexpression on allograft endothelium inhibits inflammatory cell infiltration and transplant-associated intimal hyperplasia. *Journal of Immunology*, **2001**, 166, 6964-71	5.3	48
82	Phosphatidylinositol 3-kinase/Akt signaling controls endothelial cell sensitivity to Fas-mediated apoptosis via regulation of FLICE-inhibitory protein (FLIP). *Circulation Research*, **2001**, 89, 13-9	15.7	178
81	Cardiomyocyte grafting for cardiac repair: graft cell death and anti-death strategies. *Journal of Molecular and Cellular Cardiology*, **2001**, 33, 907-21	5.8	749
80	Beta-amyloid peptide expression is sufficient for myotube death: implications for human inclusion body myopathy. *Molecular and Cellular Neurosciences*, **2001**, 17, 793-810	4.8	35
79	Protein kinase B/Akt activates c-Jun NH(2)-terminal kinase by increasing NO production in response to shear stress. *Journal of Applied Physiology*, **2001**, 91, 1574-81	3.7	84
78	An inhibitory role of the phosphatidylinositol 3-kinase-signaling pathway in vascular endothelial growth factor-induced tissue factor expression. *Journal of Biological Chemistry*, **2001**, 276, 33428-34	5.4	87
77	HMG-CoA reductase inhibitor mobilizes bone marrow--derived endothelial progenitor cells. *Journal of Clinical Investigation*, **2001**, 108, 399-405	15.9	151
76	HMG-CoA reductase inhibitor mobilizes bone marrow□derived endothelial progenitor cells. *Journal of Clinical Investigation*, **2001**, 108, 399-405	15.9	532
75	The HMG-CoA reductase inhibitor simvastatin activates the protein kinase Akt and promotes angiogenesis in normocholesterolemic animals. *Nature Medicine*, **2000**, 6, 1004-10	50.5	1230
74	Effect of percutaneous adenovirus-mediated Gax gene delivery to the arterial wall in double-injured atheromatous stented rabbit iliac arteries. *Gene Therapy*, **2000**, 7, 1353-61	4	41
73	Gene therapy for restenosis. *Current Cardiology Reports*, **2000**, 2, 13-23	4.2	4
72	Acute modulation of endothelial Akt/PKB activity alters nitric oxide-dependent vasomotor activity in vivo. *Journal of Clinical Investigation*, **2000**, 106, 493-9	15.9	162
71	Vascular endothelial growth factor-stimulated actin reorganization and migration of endothelial cells is regulated via the serine/threonine kinase Akt. *Circulation Research*, **2000**, 86, 892-6	15.7	346

70	Vascular endothelial cells and smooth muscle cells differ in expression of Fas and Fas ligand and in sensitivity to Fas ligand-induced cell death: implications for vascular disease and therapy. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2000**, 20, 309-16	9.4	105
69	The role of homeobox genes in vascular remodeling and angiogenesis. *Circulation Research*, **2000**, 87, 865-72	15.7	77
68	Vascular cell apoptosis in remodeling, restenosis, and plaque rupture. *Circulation Research*, **2000**, 87, 184-8	15.7	163
67	Akt promotes survival of cardiomyocytes in vitro and protects against ischemia-reperfusion injury in mouse heart. *Circulation*, **2000**, 101, 660-7	16.7	730
66	Regulation of cdk2 activity in endothelial cells that are inhibited from growth by cell contact. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2000**, 20, 629-35	9.4	38
65	Fas ligand-deficient mice display enhanced leukocyte infiltration and intima hyperplasia in flow-restricted vessels. *Journal of Molecular and Cellular Cardiology*, **2000**, 32, 1395-400	5.8	29
64	Intracoronary, adenovirus-mediated Akt gene transfer in heart limits infarct size following ischemia-reperfusion injury in vivo. *Journal of Molecular and Cellular Cardiology*, **2000**, 32, 2397-402	5.8	123
63	Expression of wild-type and noncleavable Fas ligand by tetracycline-regulated adenoviral vectors to limit intimal hyperplasia in vascular lesions. *Human Gene Therapy*, **2000**, 11, 1625-35	4.8	23
62	Akt1/PKB upregulation leads to vascular smooth muscle cell hypertrophy and polyploidization. *Journal of Clinical Investigation*, **2000**, 106, 1011-20	15.9	56
61	Reversal of GATA-6 downregulation promotes smooth muscle differentiation and inhibits intimal hyperplasia in balloon-injured rat carotid artery. *Circulation Research*, **1999**, 84, 647-54	15.7	96
60	Akt mediates cytoprotection of endothelial cells by vascular endothelial growth factor in an anchorage-dependent manner. *Journal of Biological Chemistry*, **1999**, 274, 16349-54	5.4	456
59	Adenovirus-mediated delivery of fas ligand inhibits intimal hyperplasia after balloon injury in immunologically primed animals. *Circulation*, **1999**, 99, 1776-9	16.7	69
58	Reactive oxygen species mediate the activation of Akt/protein kinase B by angiotensin II in vascular smooth muscle cells. *Journal of Biological Chemistry*, **1999**, 274, 22699-704	5.4	452
57	Early cell loss after angioplasty results in a disproportionate decrease in percutaneous gene transfer to the vessel wall. *Human Gene Therapy*, **1999**, 10, 711-21	4.8	21
56	FLICE-inhibitory protein expression during macrophage differentiation confers resistance to fas-mediated apoptosis. *Journal of Experimental Medicine*, **1999**, 190, 1679-88	16.6	212
55	Regulation of endothelium-derived nitric oxide production by the protein kinase Akt. *Nature*, **1999**, 399, 597-601	50.4	2190
54	Adenovirus-mediated delivery of the Gax transcription factor to rat carotid arteries inhibits smooth muscle proliferation and induces apoptosis. *Gene Therapy*, **1999**, 6, 758-63	4	43
53	Is extravasation a Fas-regulated process?. *Trends in Molecular Medicine*, **1999**, 5, 61-7		44

52	Negative regulation of inflammation by Fas ligand expression on the vascular endothelium. *Trends in Cardiovascular Medicine*, **1999**, 9, 34-41	6.9	24
51	A recombinant defective adenoviral agent expressing anti-bcl-2 ribozyme promotes apoptosis of bcl-2-expressing human prostate cancer cells. *International Journal of Cancer*, **1999**, 82, 846-52	7.5	33
50	Cyclosporine downregulates Fas ligand expression on vascular endothelial cells: implication for accelerated vasculopathy by immunosuppressive therapy. *Biochemical and Biophysical Research Communications*, **1999**, 263, 430-2	3.4	9
49	Cell cycle withdrawal promotes myogenic induction of Akt, a positive modulator of myocyte survival. *Molecular and Cellular Biology*, **1999**, 19, 5073-82	4.8	193
48	Regulation of smooth muscle cell migration and integrin expression by the Gax transcription factor. *Journal of Clinical Investigation*, **1999**, 104, 1469-80	15.9	67
47	Regulation of Inflammation by Fas Ligand Expression on the Vascular Endothelium **1999**, 125-141		
46	Regulation of Vascular Smooth Muscle Differentiation and Cell Cycle **1999**, 429-443		
45	A recombinant defective adenoviral agent expressing anti-bcl-2 ribozyme promotes apoptosis of bcl-2-expressing human prostate cancer cells **1999**, 82, 846		2
44	Bax-mediated cell death by the Gax homeoprotein requires mitogen activation but is independent of cell cycle activity. *EMBO Journal*, **1998**, 17, 3576-86	13	42
43	TNFalpha regulation of Fas ligand expression on the vascular endothelium modulates leukocyte extravasation. *Nature Medicine*, **1998**, 4, 415-20	50.5	196
42	Effects of poloxamer 407 on transfection time and percutaneous adenovirus-mediated gene transfer in native and stented vessels. *Human Gene Therapy*, **1998**, 9, 1013-24	4.8	23
41	Endothelial cell apoptosis induced by oxidized LDL is associated with the down-regulation of the cellular caspase inhibitor FLIP. *Journal of Biological Chemistry*, **1998**, 273, 33103-6	5.4	122
40	Constitutive expression of phVEGF165 after intramuscular gene transfer promotes collateral vessel development in patients with critical limb ischemia. *Circulation*, **1998**, 97, 1114-23	16.7	962
39	Nitric oxide-induced downregulation of Cdk2 activity and cyclin A gene transcription in vascular smooth muscle cells. *Circulation*, **1998**, 97, 2066-72	16.7	78
38	GATA-6 induces p21(Cip1) expression and G1 cell cycle arrest. *Journal of Biological Chemistry*, **1998**, 273, 13713-8	5.4	98
37	Fas ligand gene transfer to the vessel wall inhibits neointima formation and overrides the adenovirus-mediated T cell response. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 1213-7	11.5	130
36	Oxidized LDL activates fas-mediated endothelial cell apoptosis. *Journal of Clinical Investigation*, **1998**, 102, 1682-9	15.9	180
35	A competitive mechanism of CArG element regulation by YY1 and SRF: implications for assessment of Phox1/MHox transcription factor interactions at CArG elements. *DNA and Cell Biology*, **1997**, 16, 653-61	3.6	28

34	Percutaneous delivery of the gax gene inhibits vessel stenosis in a rabbit model of balloon angioplasty. *Cardiovascular Research*, **1997**, 35, 536-46	9.9	51
33	Inhibition of myogenesis by multiple cyclin-Cdk complexes. Coordinate regulation of myogenesis and cell cycle activity at the level of E2F. *Journal of Biological Chemistry*, **1997**, 272, 791-7	5.4	89
32	p21CIP1-mediated inhibition of cell proliferation by overexpression of the gax homeodomain gene. *Genes and Development*, **1997**, 11, 1674-89	12.6	143
31	Cell cycle exit upon myogenic differentiation. *Current Opinion in Genetics and Development*, **1997**, 7, 597-602	4.9	270
30	Prospects for intravascular gene therapy. *Journal of Clinical Apheresis*, **1997**, 12, 140-5	3.2	2
29	Evidence for the rapid onset of apoptosis in medial smooth muscle cells after balloon injury. *Circulation*, **1997**, 95, 981-7	16.7	185
28	Adenoviral constructs encoding phosphorylation-competent full-length and truncated forms of the human retinoblastoma protein inhibit myocyte proliferation and neointima formation. *Circulation*, **1997**, 96, 1899-905	16.7	47
27	Embryonic expression of the Gax homeodomain protein in cardiac, smooth, and skeletal muscle. *Circulation Research*, **1997**, 80, 452-62	15.7	28
26	Coordinate regulation of cell cycle and apoptosis during myogenesis. *Progress in Cell Cycle Research* , **1997**, 3, 53-8		54
25	Clinical evidence of angiogenesis after arterial gene transfer of phVEGF165 in patient with ischaemic limb. *Lancet, The*, **1996**, 348, 370-4	40	834
24	Resistance to apoptosis conferred by Cdk inhibitors during myocyte differentiation. *Science*, **1996**, 273, 359-61	33.3	461
23	Myogenin expression, cell cycle withdrawal, and phenotypic differentiation are temporally separable events that precede cell fusion upon myogenesis. *Journal of Cell Biology*, **1996**, 132, 657-66	7.3	494
22	Growth-arrest homeobox gene Gax: a molecular strategy to prevent arterial restenosis. *Swiss Medical Weekly*, **1996**, 126, 1721-6	3.1	5
21	Expression of gax, a growth arrest homeobox gene, is rapidly down-regulated in the rat carotid artery during the proliferative response to balloon injury. *Journal of Biological Chemistry*, **1995**, 270, 5457-61	5.4	67
20	Regulation of Gax homeobox gene transcription by a combination of positive factors including myocyte-specific enhancer factor 2. *Molecular and Cellular Biology*, **1995**, 15, 4272-81	4.8	34
19	Mitogen-responsive nuclear factors that mediate growth control signals in vascular myocytes. *Cardiovascular Research*, **1995**, 30, 585-592	9.9	21
18	MyoD-induced expression of p21 inhibits cyclin-dependent kinase activity upon myocyte terminal differentiation. *Molecular and Cellular Biology*, **1995**, 15, 3823-9	4.8	356
17	Cloning, chromosomal localization and expression analysis of the mouse Akt2 oncogene. *Oncogene*, **1995**, 11, 1055-60	9.2	63

16	Molecular cloning and localization of the human GAX gene to 7p21. *Genomics*, **1994**, 24, 535-40	4.3	18
15	Cloning and sequence analysis of homeobox transcription factor cDNAs with an inosine-containing probe. *BioTechniques*, **1994**, 16, 856-8, 860-2, 865	2.5	9
14	Molecular cloning of a diverged homeobox gene that is rapidly down-regulated during the G0/G1 transition in vascular smooth muscle cells. *Molecular and Cellular Biology*, **1993**, 13, 3722-33	4.8	122
13	Different regulatory sequences control creatine kinase-M gene expression in directly injected skeletal and cardiac muscle. *Molecular and Cellular Biology*, **1993**, 13, 1264-72	4.8	86
12	Homeobox transcription factor regulation in the cardiovascular system. *Trends in Cardiovascular Medicine*, **1993**, 3, 184-90	6.9	25
11	Functional antagonism between YY1 and the serum response factor. *Molecular and Cellular Biology*, **1992**, 12, 4209-14	4.8	167
10	Adaptive and maladaptive behavior in Prader-Willi syndrome. *Journal of the American Academy of Child and Adolescent Psychiatry*, **1992**, 31, 1131-6	7.2	123
9	Profiles, correlates, and trajectories of intelligence in Prader-Willi syndrome. *Journal of the American Academy of Child and Adolescent Psychiatry*, **1992**, 31, 1125-30	7.2	122
8	Natural and synthetic DNA elements with the CArG motif differ in expression and protein-binding properties. *Molecular and Cellular Biology*, **1991**, 11, 6296-305	4.8	44
7	The myosin light chain enhancer and the skeletal actin promoter share a binding site for factors involved in muscle-specific gene expression. *Molecular and Cellular Biology*, **1991**, 11, 3735-44	4.8	47
6	Cross-binding of factors to functionally different promoter elements in c-fos and skeletal actin genes. *Molecular and Cellular Biology*, **1989**, 9, 2191-201	4.8	147
5	Cross-binding of factors to functionally different promoter elements in c-fos and skeletal actin genes. *Molecular and Cellular Biology*, **1989**, 9, 2191-2201	4.8	83
4	DNA-binding site for two skeletal actin promoter factors is important for expression in muscle cells. *Molecular and Cellular Biology*, **1988**, 8, 1800-2	4.8	79
3	DNA-binding site for two skeletal actin promoter factors is important for expression in muscle cells. *Molecular and Cellular Biology*, **1988**, 8, 1800-1802	4.8	50
2	Regulation of Angiogenesis and Vascular Remodeling by Endothelial Akt Signaling729-736		
1	Adipokines in inflammation and metabolic disease		1