Kenneth Walsh

List of Publications by Year
in descending order

334 papers	55,104 citations	1238 110 h-index	1254 226 g-index
339 all docs	339 docs citations	339 times ranked	51473 citing authors

#	Article	IF	Citations
1	Adipokines in inflammation and metabolic disease. Nature Reviews Immunology, 2011, 11, 85-97.	22.7	3,378
2	Foxo Transcription Factors Induce the Atrophy-Related Ubiquitin Ligase Atrogin-1 and Cause Skeletal Muscle Atrophy. Cell, 2004, 117, 399-412.	28.9	2,490
3	Regulation of endothelium-derived nitric oxide production by the protein kinase Akt. Nature, 1999, 399, 597-601.	27.8	2,384
4	The HMG-CoA reductase inhibitor simvastatin activates the protein kinase Akt and promotes angiogenesis in normocholesterolemic animals.. Nature Medicine, 2000, 6, 1004-1010.	30.7	1,355
5	Constitutive Expression of phVEGF ₁₆₅ After Intramuscular Gene Transfer Promotes Collateral Vessel Development in Patients With Critical Limb Ischemia. Circulation, 1998, 97, 1114-1123.	1.6	1,104
6	Clonal hematopoiesis associated with TET2 deficiency accelerates atherosclerosis development in mice. Science, 2017, 355, 842-847.	12.6	999
7	Clinical evidence of angiogenesis after arterial gene transfer of phVEGF165 in patient with ischaemic limb. Lancet, The, 1996, 348, 370-374.	13.7	966
8	Adiponectin protects against myocardial ischemia-reperfusion injury through AMPK- and COX-2â€“dependent mechanisms. Nature Medicine, 2005, 11, 1096-1103.	30.7	942
9	Role of Akt Signaling in Vascular Homeostasis and Angiogenesis. Circulation Research, 2002, 90, 1243-1250.	4.5	901
10	Cardiomyocyte Grafting for Cardiac Repair: Graft Cell Death and Anti-Death Strategies. Journal of Molecular and Cellular Cardiology, 2001, 33, 907-921.	1.9	823
11	Disruption of coordinated cardiac hypertrophy and angiogenesis contributes to the transition to heart failure. Journal of Clinical Investigation, 2005, 115, 2108-2118.	8.2	822
12	Akt Promotes Survival of Cardiomyocytes In Vitro and Protects Against Ischemia-Reperfusion Injury in Mouse Heart. Circulation, 2000, 101, 660-667.	1.6	783
13	SIRT1 Regulates Hepatocyte Lipid Metabolism through Activating AMP-activated Protein Kinase. Journal of Biological Chemistry, 2008, 283, 20015-20026.	3.4	699
14	Adiponectin as an anti-inflammatory factor. Clinica Chimica Acta, 2007, 380, 24-30.	1.1	673
15	Adiponectin Stimulates Angiogenesis by Promoting Cross-talk between AMP-activated Protein Kinase and Akt Signaling in Endothelial Cells. Journal of Biological Chemistry, 2004, 279, 1304-1309.	3.4	671
16	Adiponectin-mediated modulation of hypertrophic signals in the heart. Nature Medicine, 2004, 10, 1384-1389.	30.7	637
17	Obesity, adiponectin and vascular inflammatory disease. Current Opinion in Lipidology, 2003, 14, 561-566.	2.7	636
18	HMG-CoA reductase inhibitor mobilizes bone marrowâ€“derived endothelial progenitor cells. Journal of Clinical Investigation, 2001, 108, 399-405.	8.2	587

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19	Selective Suppression of Endothelial Cell Apoptosis by the High Molecular Weight Form of Adiponectin. Circulation Research, 2004, 94, e27-31.	4.5	581
20	Myogenin expression, cell cycle withdrawal, and phenotypic differentiation are temporally separable events that precede cell fusion upon myogenesis.. Journal of Cell Biology, 1996, 132, 657-666.	5.2	537
21	Cardiac Stem Cell and Myocyte Aging, Heart Failure, and Insulin-Like Growth Factor-1 Overexpression. Circulation Research, 2004, 94, 514-524.	4.5	527
22	Adiponectin Promotes Macrophage Polarization toward an Anti-inflammatory Phenotype. Journal of Biological Chemistry, 2010, 285, 6153-6160.	3.4	505
23	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, 22699-22704.	3.4	504
24	Akt Mediates Cytoprotection of Endothelial Cells by Vascular Endothelial Growth Factor in an Anchorage-dependent Manner. Journal of Biological Chemistry, 1999, 274, 16349-16354.	3.4	501
25	Resistance to Apoptosis Conferred by Cdk Inhibitors During Myocyte Differentiation. Science, 1996, 273, 359-361.	12.6	482
26	Obesity-Induced Changes in Adipose Tissue Microenvironment and Their Impact on Cardiovascular Disease. Circulation Research, 2016, 118, 1786-1807.	4.5	455
27	Tet2-Mediated Clonal Hematopoiesis Accelerates Heart Failure Through aÂMechanism Involving the IL-1Î²/NLRP3ÂInflammasome. Journal of the American College of Cardiology, 2018, 71, 875-886.	2.8	452
28	Sfrp5 Is an Anti-Inflammatory Adipokine That Modulates Metabolic Dysfunction in Obesity. Science, 2010, 329, 454-457.	12.6	407
29	Adipokines: A link between obesity and cardiovascular disease. Journal of Cardiology, 2014, 63, 250-259.	1.9	404
30	Epicardial FSTL1 reconstitution regenerates the adult mammalian heart. Nature, 2015, 525, 479-485.	27.8	402
31	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, 47898-47905.	3.4	401
32	Shear Stress Stimulates Phosphorylation of Endothelial Nitric-oxide Synthase at Ser1179 by Akt-independent Mechanisms. Journal of Biological Chemistry, 2002, 277, 3388-3396.	3.4	395
33	Pathological angiogenesis is induced by sustained Akt signaling and inhibited by rapamycin. Cancer Cell, 2006, 10, 159-170.	16.8	388
34	Vascular Endothelial Growth Factorâ€“Stimulated Actin Reorganization and Migration of Endothelial Cells Is Regulated via the Serine/Threonine Kinase Akt. Circulation Research, 2000, 86, 892-896.	4.5	386
35	MyoD-Induced Expression of p21 Inhibits Cyclin-Dependent Kinase Activity upon Myocyte Terminal Differentiation. Molecular and Cellular Biology, 1995, 15, 3823-3829.	2.3	383
36	Adiponectin Replenishment Ameliorates Obesity-Related Hypertension. Hypertension, 2006, 47, 1108-1116.	2.7	368

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37	Akt Activity Negatively Regulates Phosphorylation of AMP-activated Protein Kinase in the Heart. Journal of Biological Chemistry, 2003, 278, 39422-39427.	3.4	350
38	FGF21 is an Aktâ€regulated myokine. FEBS Letters, 2008, 582, 3805-3810.	2.8	344
39	Akt1/protein kinase BÂ is critical for ischemic and VEGF-mediated angiogenesis. Journal of Clinical Investigation, 2005, 115, 2119-2127.	8.2	341
40	Fast/Glycolytic Muscle Fiber Growth Reduces Fat Mass and Improves Metabolic Parameters in Obese Mice. Cell Metabolism, 2008, 7, 159-172.	16.2	331
41	Adiponectin modulates inflammatory reactions via calreticulin receptorâ€“dependent clearance of early apoptotic bodies. Journal of Clinical Investigation, 2007, 117, 375-386.	8.2	319
42	AMP-activated Protein Kinase (AMPK) Signaling in Endothelial Cells Is Essential for Angiogenesis in Response to Hypoxic Stress. Journal of Biological Chemistry, 2003, 278, 31000-31006.	3.4	314
43	Regulation of cardiac growth and coronary angiogenesis by the Akt/PKB signaling pathway. Genes and Development, 2006, 20, 3347-3365.	5.9	309
44	The FOXO3a Transcription Factor Regulates Cardiac Myocyte Size Downstream of AKT Signaling. Journal of Biological Chemistry, 2005, 280, 20814-20823.	3.4	308
45	Mitofusin-2 Maintains Mitochondrial Structure and Contributes to Stress-Induced Permeability Transition in Cardiac Myocytes. Molecular and Cellular Biology, 2011, 31, 1309-1328.	2.3	306
46	Adiponectin Stimulates Angiogenesis in Response to Tissue Ischemia through Stimulation of AMP-activated Protein Kinase Signaling. Journal of Biological Chemistry, 2004, 279, 28670-28674.	3.4	300
47	Cell cycle exit upon myogenic differentiation. Current Opinion in Genetics and Development, 1997, 7, 597-602.	3.3	296
48	Vascular Endothelial Growth Factor Blockade Promotes the Transition From Compensatory Cardiac Hypertrophy to Failure in Response to Pressure Overload. Hypertension, 2006, 47, 887-893.	2.7	292
49	T-cadherin is critical for adiponectin-mediated cardioprotection in mice. Journal of Clinical Investigation, 2010, 120, 4342-4352.	8.2	291
50	CRISPR-Mediated Gene Editing to Assess the Roles of Tet2 and Dnmt3a in Clonal Hematopoiesis and Cardiovascular Disease. Circulation Research, 2018, 123, 335-341.	4.5	282
51	Adiponectin actions in the cardiovascular system. Cardiovascular Research, 2007, 74, 11-18.	3.8	272
52	Hepatic overexpression of SIRT1 in mice attenuates endoplasmic reticulum stress and insulin resistance in the liver. FASEB Journal, 2011, 25, 1664-1679.	0.5	261
53	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, 32802-32811.	3.4	258
54	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, 30359-30365.	3.4	253

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55	Sphingosine 1-Phosphate Activates Akt, Nitric Oxide Production, and Chemotaxis through a GiProtein/Phosphoinositide 3-Kinase Pathway in Endothelial Cells. Journal of Biological Chemistry, 2001, 276, 19672-19677.	3.4	244
56	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, 1513-1525.	3.4	240
57	Phosphatidylinositol 3-Kinase/Akt Activity Regulates c-FLIP Expression in Tumor Cells. Journal of Biological Chemistry, 2001, 276, 6893-6896.	3.4	238
58	HMG-CoA reductase inhibitor mobilizes bone marrowâ€“derived endothelial progenitor cells. Journal of Clinical Investigation, 2001, 108, 399-405.	8.2	233
59	NADPH Oxidase 4 Promotes Endothelial Angiogenesis Through Endothelial Nitric Oxide Synthase Activation. Circulation, 2011, 124, 731-740.	1.6	232
60	AMP-Activated Protein Kinase Signaling Stimulates VEGF Expression and Angiogenesis in Skeletal Muscle. Circulation Research, 2005, 96, 838-846.	4.5	228
61	Evidence for the Rapid Onset of Apoptosis in Medial Smooth Muscle Cells After Balloon Injury. Circulation, 1997, 95, 981-987.	1.6	225
62	Follistatin-Like 1 Is an Akt-Regulated Cardioprotective Factor That Is Secreted by the Heart. Circulation, 2008, 117, 3099-3108.	1.6	223
63	Flice-Inhibitory Protein Expression during Macrophage Differentiation Confers Resistance to FAS-Mediated Apoptosis. Journal of Experimental Medicine, 1999, 190, 1679-1688.	8.5	219
64	Adiponectin protects against the development of systolic dysfunction following myocardial infarction. Journal of Molecular and Cellular Cardiology, 2007, 42, 1065-1074.	1.9	214
65	Oxidized LDL activates fas-mediated endothelial cell apoptosis.. Journal of Clinical Investigation, 1998, 102, 1682-1689.	8.2	213
66	TNFÎ± regulation of Fas ligand expression on the vascular endothelium modulates leukocyte extravasation. Nature Medicine, 1998, 4, 415-420.	30.7	211
67	Vascular Endothelial Growth Factor Activates PI3K/Akt/Forkhead Signaling in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 294-300.	2.4	208
68	Cardioprotection by Adiponectin. Trends in Cardiovascular Medicine, 2006, 16, 141-146.	4.9	207
69	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, 555-561.	1.6	201
70	Cell Cycle Withdrawal Promotes Myogenic Induction of Akt, a Positive Modulator of Myocyte Survival. Molecular and Cellular Biology, 1999, 19, 5073-5082.	2.3	200
71	Phosphatidylinositol 3-Kinase/Akt Signaling Controls Endothelial Cell Sensitivity to Fas-Mediated Apoptosis via Regulation of FLICE-Inhibitory Protein (FLIP). Circulation Research, 2001, 89, 13-19.	4.5	198
72	Mitofusins 1 and 2 Are Essential for Postnatal Metabolic Remodeling in Heart. Circulation Research, 2012, 111, 1012-1026.	4.5	198

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73	Akt Signaling Mediates Postnatal Heart Growth in Response to Insulin and Nutritional Status. Journal of Biological Chemistry, 2002, 277, 37670-37677.	3.4	197
74	Nuclear Targeting of Akt Enhances Kinase Activity and Survival of Cardiomyocytes. Circulation Research, 2004, 94, 884-891.	4.5	197
75	Acute modulation of endothelial Akt/PKB activity alters nitric oxideâ€“dependent vasomotor activity in vivo. Journal of Clinical Investigation, 2000, 106, 493-499.	8.2	186
76	Arterial Gene Therapy for Therapeutic Angiogenesis in Patients With Peripheral Artery Disease. Circulation, 1995, 91, 2687-2692.	1.6	179
77	Functional antagonism between YY1 and the serum response factor.. Molecular and Cellular Biology, 1992, 12, 4209-4214.	2.3	177
78	Vascular Cell Apoptosis in Remodeling, Restenosis, and Plaque Rupture. Circulation Research, 2000, 87, 184-188.	4.5	176
79	Modulation by Peroxynitrite of Akt- and AMP-activated Kinase-dependent Ser1179 Phosphorylation of Endothelial Nitric Oxide Synthase. Journal of Biological Chemistry, 2002, 277, 32552-32557.	3.4	172
80	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-H179.	3.2	165
81	p21CIP1-mediated inhibition of cell proliferation by overexpression of the gax homeodomain gene.. Genes and Development, 1997, 11, 1674-1689.	5.9	164
82	An antiangiogenic isoform of VEGF-A contributes to impaired vascularization in peripheral artery disease. Nature Medicine, 2014, 20, 1464-1471.	30.7	164
83	Adrenomedullin Induces Endothelium-Dependent Vasorelaxation via the Phosphatidylinositol 3-Kinase/Aktâ€“Dependent Pathway in Rat Aorta. Circulation Research, 2001, 89, 63-70.	4.5	157
84	Impaired Clearance of Apoptotic Cells Promotes Synergy between Atherogenesis and Autoimmune Disease. Journal of Experimental Medicine, 2004, 199, 1121-1131.	8.5	155
85	Therapeutic Impact of Follistatin-Like 1 on Myocardial Ischemic Injury in Preclinical Models. Circulation, 2012, 126, 1728-1738.	1.6	155
86	Cardiac-specific Deletion of LKB1 Leads to Hypertrophy and Dysfunction. Journal of Biological Chemistry, 2009, 284, 35839-35849.	3.4	151
87	Adipokines, Myokines and Cardiovascular Disease. Circulation Journal, 2009, 73, 13-18.	1.6	151
88	Cross-binding of factors to functionally different promoter elements in c-fos and skeletal actin genes.. Molecular and Cellular Biology, 1989, 9, 2191-2201.	2.3	150
89	Impaired Angiogenesis in Glutathione Peroxidase-1â€“Deficient Mice Is Associated With Endothelial Progenitor Cell Dysfunction. Circulation Research, 2006, 98, 254-261.	4.5	147
90	Loss of Mitofusin 2 Promotes Endoplasmic Reticulum Stress. Journal of Biological Chemistry, 2012, 287, 20321-20332.	3.4	147

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91	Myogenic Akt Signaling Regulates Blood Vessel Recruitment during Myofiber Growth. Molecular and Cellular Biology, 2002, 22, 4803-4814.	2.3	146
92	Glycogen-Synthase Kinase3Î²/Î²-Catenin Axis Promotes Angiogenesis Through Activation of Vascular Endothelial Growth Factor Signaling in Endothelial Cells. Circulation Research, 2005, 96, 308-318.	4.5	144
93	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, 33103-33106.	3.4	143
94	Akt Signaling Regulates Side Population Cell Phenotype via Bcrp1 Translocation. Journal of Biological Chemistry, 2003, 278, 39068-39075.	3.4	142
95	Adaptive and Maladaptive Behavior in Prader-Willi Syndrome. Journal of the American Academy of Child and Adolescent Psychiatry, 1992, 31, 1131-1136.	0.5	140
96	Obesity Increases Vascular Senescence and Susceptibility to Ischemic Injury Through Chronic Activation of Akt and mTOR. Science Signaling, 2009, 2, ra11.	3.6	140
97	Profiles, Correlates, and Trajectories of Intelligence in Prader-Willi Syndrome. Journal of the American Academy of Child and Adolescent Psychiatry, 1992, 31, 1125-1130.	0.5	139
98	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, 1213-1217.	7.1	139
99	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, 680-691.	2.3	139
100	T-cadherin Is Essential for Adiponectin-mediated Revascularization*. Journal of Biological Chemistry, 2013, 288, 24886-24897.	3.4	139
101	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, 128-133.	7.1	138
102	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, 2397-2402.	1.9	137
103	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, 3722-3733.	2.3	134
104	Ageing is associated with diminished apoptotic cell clearancein vivo. Clinical and Experimental Immunology, 2008, 152, 448-455.	2.6	134
105	Noncanonical Wnt Signaling Promotes Obesity-Induced Adipose Tissue Inflammation and Metabolic Dysfunction Independent of Adipose Tissue Expansion. Diabetes, 2015, 64, 1235-1248.	0.6	134
106	Somatic Mutations and Clonal Hematopoiesis. Circulation Research, 2018, 122, 523-532.	4.5	129
107	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.	7.1	118
108	TET2-Loss-of-Function-Driven Clonal Hematopoiesis Exacerbates Experimental Insulin Resistance in Aging and Obesity. Cell Reports, 2020, 33, 108326.	6.4	117

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109	Vascular Endothelial Cells and Smooth Muscle Cells Differ in Expression of Fas and Fas Ligand and in Sensitivity to Fas Ligandâ€“Induced Cell Death. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 309-316.	2.4	116
110	Alveolar macrophage activation and an emphysema-like phenotype in adiponectin-deficient mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L1035-L1042.	2.9	116
111	GATA-6 Induces p21Cip1 Expression and G1Cell Cycle Arrest. Journal of Biological Chemistry, 1998, 273, 13713-13718.	3.4	115
112	Adipolin/C1qdc2/CTRP12 Protein Functions as an Adipokine That Improves Glucose Metabolism. Journal of Biological Chemistry, 2011, 286, 34552-34558.	3.4	114
113	JAK2-Mediated Clonal Hematopoiesis Accelerates Pathological Remodeling in Murine HeartÂFailure. JACC Basic To Translational Science, 2019, 4, 684-697.	4.1	114
114	A Pneumocyteâ€“Macrophage Paracrine Lipid Axis Drives the Lung toward Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 74-86.	2.9	113
115	Endothelial Cells Regulate Physiological Cardiomyocyte Growth via VEGFR2-Mediated Paracrine Signaling. Circulation, 2019, 139, 2570-2584.	1.6	113
116	Regulation of Angiogenesis by Glycogen Synthase Kinase-3Î². Journal of Biological Chemistry, 2002, 277, 41888-41896.	3.4	111
117	Intraneuronal Â-Amyloid Expression Downregulates the Akt Survival Pathway and Blunts the Stress Response. Journal of Neuroscience, 2005, 25, 10960-10969.	3.6	109
118	Caloric Restriction Stimulates Revascularization in Response to Ischemia via Adiponectin-mediated Activation of Endothelial Nitric-oxide Synthase. Journal of Biological Chemistry, 2009, 284, 1718-1724.	3.4	109
119	Calorie Restriction Prevents Hypertension and Cardiac Hypertrophy in the Spontaneously Hypertensive Rat. Hypertension, 2010, 56, 412-421.	2.7	109
120	The Whitening of Brown Fat and Its Implications for Weight Management in Obesity. Current Obesity Reports, 2015, 4, 224-229.	8.4	108
121	Reversal of GATA-6 Downregulation Promotes Smooth Muscle Differentiation and Inhibits Intimal Hyperplasia in Balloon-Injured Rat Carotid Artery. Circulation Research, 1999, 84, 647-654.	4.5	107
122	DIP2A Functions as a FSTL1 Receptor. Journal of Biological Chemistry, 2010, 285, 7127-7134.	3.4	106
123	mTORC1 Activation Regulates Î²-Cell Mass and Proliferation by Modulation of Cyclin D2 Synthesis and Stability. Journal of Biological Chemistry, 2009, 284, 7832-7842.	3.4	105
124	The Good, the Bad, and the Ugly of interleukinâ€6 signaling. EMBO Journal, 2014, 33, 1425-1427.	7.8	105
125	Secreted Frizzled-related Protein 5 Diminishes Cardiac Inflammation and Protects the Heart from Ischemia/Reperfusion Injury. Journal of Biological Chemistry, 2016, 291, 2566-2575.	3.4	104
126	Adiponectin deficiency: a model of pulmonary hypertension associated with pulmonary vascular disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L432-L438.	2.9	103

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127	The Polyphenols Resveratrol and S17834 Prevent the Structural and Functional Sequelae of Diet-Induced Metabolic Heart Disease in Mice. Circulation, 2012, 125, 1757-1764.	1.6	103
128	Tet2-mediated clonal hematopoiesis in nonconditioned mice accelerates age-associated cardiac dysfunction. JCI Insight, 2020, 5, .	5.0	103
129	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, 372-380.	4.5	102
130	Angiopoietinâ€1 negatively regulates expression and activity of tissue factor in endothelial cells. FASEB Journal, 2002, 16, 1-24.	0.5	101
131	Adiponectin deficiency exacerbates cardiac dysfunction following pressure overload through disruption of an AMPK-dependent angiogenic response. Journal of Molecular and Cellular Cardiology, 2010, 49, 210-220.	1.9	101
132	Decorin-mediated Signal Transduction in Endothelial Cells. Journal of Biological Chemistry, 2001, 276, 40687-40692.	3.4	100
133	Cross-Binding of Factors to Functionally Different Promoter Elements in c-fos and Skeletal Actin Genes. Molecular and Cellular Biology, 1989, 9, 2191-2201.	2.3	100
134	The Novel SPARC Family Member SMOC-2 Potentiates Angiogenic Growth Factor Activity. Journal of Biological Chemistry, 2006, 281, 22855-22864.	3.4	99
135	Obligatory participation of macrophages in an angiopoietin 2-mediated cell death switch. Development (Cambridge), 2007, 134, 4449-4458.	2.5	99
136	Forkhead Transcription Factors and Cardiovascular Biology. Circulation Research, 2008, 102, 16-31.	4.5	98
137	Inhibition of Myogenesis by Multiple Cyclin-Cdk Complexes. Journal of Biological Chemistry, 1997, 272, 791-797.	3.4	96
138	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, 33428-33434.	3.4	96
139	Cardiokines. Circulation, 2012, 126, e327-32.	1.6	96
140	Evidence for Adipose-Muscle Cross Talk: Opposing Regulation of Muscle Proteolysis by Adiponectin and Fatty Acids. Endocrinology, 2007, 148, 5696-5705.	2.8	95
141	Cardiovascular Disease, Aging, and Clonal Hematopoiesis. Annual Review of Pathology: Mechanisms of Disease, 2020, 15, 419-438.	22.4	94
142	Adiponectin Attenuates Lipopolysaccharide-Induced Acute Lung Injury through Suppression of Endothelial Cell Activation. Journal of Immunology, 2012, 188, 854-863.	0.8	93
143	Humans and Mice Display Opposing Patterns of â€œBrowningâ€•Gene Expression in Visceral and Subcutaneous White Adipose Tissue Depots. Frontiers in Cardiovascular Medicine, 2017, 4, 27.	2.4	93
144	Different regulatory sequences control creatine kinase-M gene expression in directly injected skeletal and cardiac muscle.. Molecular and Cellular Biology, 1993, 13, 1264-1272.	2.3	91

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145	The Role of Homeobox Genes in Vascular Remodeling and Angiogenesis. Circulation Research, 2000, 87, 865-872.	4.5	91
146	Protein kinase B/Akt activates c-Jun NH₂-terminal kinase by increasing NO production in response to shear stress. Journal of Applied Physiology, 2001, 91, 1574-1581.	2.5	91
147	Celecoxib, a Cyclooxygenase-2 Inhibitor, Reduces Neointimal Hyperplasia Through Inhibition of Akt Signaling. Circulation, 2004, 110, 301-308.	1.6	90
148	Akt Signaling and Growth of the Heart. Circulation, 2006, 113, 2032-2034.	1.6	90
149	Metabolic benefits of resistance training and fast glycolytic skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E3-E10.	3.5	90
150	Nitric Oxideâ€“Induced Downregulation of Cdk2 Activity and Cyclin A Gene Transcription in Vascular Smooth Muscle Cells. Circulation, 1998, 97, 2066-2072.	1.6	89
151	Activated Akt Protects the Lung from Oxidant-Induced Injury and Delays Death of Mice. Journal of Experimental Medicine, 2001, 193, 545-550.	8.5	88
152	Simvastatin Treatment Ameliorates Autoimmune Disease Associated with Accelerated Atherosclerosis in a Murine Lupus Model. Journal of Immunology, 2006, 177, 3028-3034.	0.8	88
153	Endothelial Dysfunction in Human Diabetes Is Mediated by Wnt5aâ€“JNK Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 561-569.	2.4	87
154	The Peroxisome Proliferator-Activated Receptor Î³ Agonist Rosiglitazone Ameliorates Murine Lupus by Induction of Adiponectin. Journal of Immunology, 2009, 182, 340-346.	0.8	86
155	Plasma adiponectin and mortality in critically ill subjects with acute respiratory failure*. Critical Care Medicine, 2010, 38, 2329-2334.	0.9	86
156	Elevated Myocardial Akt Signaling Ameliorates Doxorubicin-induced Congestive Heart Failure and Promotes Heart Growth. Journal of Molecular and Cellular Cardiology, 2002, 34, 1241-1247.	1.9	85
157	PKCÎ± Activates eNOS and Increases Arterial Blood Flow In Vivo. Circulation Research, 2005, 97, 482-487.	4.5	85
158	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, 2173-2185.	2.3	85
159	Follistatinâ€like 1 promotes cardiac fibroblast activation and protects the heart from rupture. EMBO Molecular Medicine, 2016, 8, 949-966.	6.9	85
160	Mitofusins are required for angiogenic function and modulate different signaling pathways in cultured endothelial cells. Journal of Molecular and Cellular Cardiology, 2011, 51, 885-893.	1.9	84
161	Retinoic Acid Receptor Î² 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, 10490-10504.	3.4	84
162	Activin A and Follistatin-Like 3 Determine the Susceptibility of Heart to Ischemic Injury. Circulation, 2009, 120, 1606-1615.	1.6	83

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163	Adiponectin Promotes Revascularization of Ischemic Muscle through a Cyclooxygenase 2-Dependent Mechanism. Molecular and Cellular Biology, 2009, 29, 3487-3499.	2.3	83
164	Adiponectin accumulates in myocardial tissue that has been damaged by ischemia-reperfusion injury via leakage from the vascular compartment. Cardiovascular Research, 2007, 74, 471-479.	3.8	82
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