Jean-Luc Balligand

List of Publications by Year in Descending Order

138 papers	9,273 citations	50 h-index	94 g-index
158 ext. papers	10,436 ext. citations	9.1 avg, IF	5.92 L-index

#	Paper	IF	Citations
138	Letter by Fert□et al. Regarding Article, "Chronic Pressure Overload Induces Cardiac Hypertrophy and Fibrosis via Increases in SGLT1 and IL-18 Gene Expression in Mice".. *International Heart Journal*, **2022**, 63,	1.8	1
137	Oxidative stress-induced endothelial dysfunction and decreased vascular nitric oxide in COVID-19 patients.. *EBioMedicine*, **2022**, 77, 103893	8.8	8
136	Sustained Downregulation of Vascular Smooth Muscle Acta2 After Transient Angiotensin II Infusion: A New Model of "Vascular Memory".. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 854361	5.4	
135	Atorvastatin population pharmacokinetics in a real-life setting: Influence of genetic polymorphisms and association with clinical response. *Clinical and Translational Science*, **2021**,	4.9	1
134	You 'heart' what you eat!. *Cardiovascular Research*, **2021**, 117, 2294-2296	9.9	1
133	A Three-Month Consumption of Eggs Enriched with □B, □5 and □7 Polyunsaturated Fatty Acids Significantly Decreases the Waist Circumference of Subjects at Risk of Developing Metabolic Syndrome: A Double-Blind Randomized Controlled Trial. *Nutrients*, **2021**, 13,	6.7	1
132	AMPK□ deletion in myofibroblasts exacerbates post-myocardial infarction fibrosis by a connexin 43 mechanism. *Basic Research in Cardiology*, **2021**, 116, 10	11.8	10
131	Impaired immune response mediated by prostaglandin E2 promotes severe COVID-19 disease. *PLoS ONE*, **2021**, 16, e0255335	3.7	13
130	Beta 3 adrenoreceptors protect from hypertrophic remodelling through AMP-activated protein kinase and autophagy. *ESC Heart Failure*, **2020**, 7, 920-932	3.7	6
129	Molecular Regulation of NO Synthase in the Heart **2020**, 53-70		1
128	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation. *PLoS Biology*, **2020**, 18, e3000739	9.7	1
127	□Adrenoceptor redistribution impairs NO/cGMP/PDE2 signalling in failing cardiomyocytes. *ELife*, **2020**, 9,	8.9	15
126	Redox regulation of nitrosyl-hemoglobin in human erythrocytes. *Redox Biology*, **2020**, 34, 101399	11.3	7
125	Inhibition of aquaporin-1 prevents myocardial remodeling by blocking the transmembrane transport of hydrogen peroxide. *Science Translational Medicine*, **2020**, 12,	17.5	18
124	The Beta3 Adrenergic Receptor in Healthy and Pathological Cardiovascular Tissues. *Cells*, **2020**, 9,	7.9	13
123	A global network for network medicine. *Npj Systems Biology and Applications*, **2020**, 6, 29	5	6
122	Molecular networks in Network Medicine: Development and applications. *Wiley Interdisciplinary Reviews: Systems Biology and Medicine*, **2020**, 12, e1489	6.6	63

121	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation **2020**, 18, e3000739		
120	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation **2020**, 18, e3000739		
119	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation **2020**, 18, e3000739		
118	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation **2020**, 18, e3000739		
117	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation **2020**, 18, e3000739		
116	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation **2020**, 18, e3000739		
115	Classification of the Immune Composition in the Tumor Infiltrate. *Methods in Molecular Biology*, **2019**, 1979, 305-315	1.4	1
114	Increased clusterin levels after myocardial infarction is due to a defect in protein degradation systems activity. *Cell Death and Disease*, **2019**, 10, 608	9.8	6
113	Changes of Metabolic Phenotype of Cardiac Progenitor Cells During Differentiation: Neutral Effect of Stimulation of AMP-Activated Protein Kinase. *Stem Cells and Development*, **2019**, 28, 1498-1513	4.4	5
112	Treatments targeting inotropy. *European Heart Journal*, **2019**, 40, 3626-3644	9.5	51
111	Studying the Role of AMPK in Cardiac Hypertrophy and Protein Synthesis. *Methods in Molecular Biology*, **2018**, 1732, 321-342	1.4	6
110	Nitric oxide signalling in cardiovascular health and disease. *Nature Reviews Cardiology*, **2018**, 15, 292-316	14.8	259
109	The innate immune system in chronic cardiomyopathy: a European Society of Cardiology (ESC) scientific statement from the Working Group on Myocardial Function of the ESC. *European Journal of Heart Failure*, **2018**, 20, 445-459	12.3	67
108	AMPK activation counteracts cardiac hypertrophy by reducing O-GlcNAcylation. *Nature Communications*, **2018**, 9, 374	17.4	108
107	Cardiac myocyte β-adrenergic receptors prevent myocardial fibrosis by modulating oxidant stress-dependent paracrine signaling. *European Heart Journal*, **2018**, 39, 888-898	9.5	41
106	Rationale and design of a multicentre, randomized, placebo-controlled trial of mirabegron, a Beta3-adrenergic receptor agonist on left ventricular mass and diastolic function in patients with structural heart disease Beta3-left ventricular hypertrophy (Beta3-LVH). *ESC Heart Failure*, **2018**, 5, 830-841	3.7	20
105	MicroRNA-199a-3p and MicroRNA-199a-5p Take Part to a Redundant Network of Regulation of the NOS (NO Synthase)/NO Pathway in the Endothelium. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 2345-2357	9.4	27
104	Nitrosyl-hemoglobin formation in rodent and human venous erythrocytes reflects NO formation from the vasculature in vivo. *PLoS ONE*, **2018**, 13, e0200352	3.7	11

103	Expression and Implication of Clusterin in Left Ventricular Remodeling After Myocardial Infarction. *Circulation: Heart Failure*, **2018**, 11, e004838	7.6	12
102	Metabolic changes in hypertrophic cardiomyopathies: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. *Cardiovascular Research*, **2018**, 114, 1273-1280	8.9	31
101	An integrative translational approach to study heart failure with preserved ejection fraction: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. *European Journal of Heart Failure*, **2018**, 20, 216-227	12.3	59
100	A Belgian consensus strategy to identify familial hypercholesterolaemia in the coronary care unit and its subsequent cascade screening and treatment: BEL-FaHST (The BELgium Familial Hypercholesterolaemia STrategy). *Atherosclerosis*, **2018**, 277, 369-376	3.1	4
99	Sodium-myoinositol cotransporter-1, SMIT1, mediates the production of reactive oxygen species induced by hyperglycemia in the heart. *Scientific Reports*, **2017**, 7, 41166	4.9	43
98	Heme-nitrosylated hemoglobin and oxidative stress in women consuming combined contraceptives. Clinical application of the EPR spectroscopy. *Free Radical Biology and Medicine*, **2017**, 108, 524-532	7.8	6
97	Clinical and biochemical data of endothelial function in Women Consuming Combined Contraceptives. *Data in Brief*, **2017**, 13, 46-52	1.2	4
96	Letter by Balligand and Michel Regarding Article, "Adrenergic Receptors in Individual Ventricular Myocytes: the Beta-1 and Alpha-1B Are in All Cells, the Alpha-1A Is in a Subpopulation, and the Beta-2 and Beta-3 Are Mostly Absent". *Circulation Research*, **2017**, 120, e54-e55	15.7	5
95	MRI Assessment of Cardiomyopathy Induced by β1-Adrenoreceptor Autoantibodies and Protection Through β3-Adrenoreceptor Overexpression. *Scientific Reports*, **2017**, 7, 43951	4.9	5
94	The Function and Therapeutic Potential of Long Non-coding RNAs in Cardiovascular Development and Disease. *Molecular Therapy - Nucleic Acids*, **2017**, 8, 494-507	10.7	75
93	Dnmt3a-mediated inhibition of Wnt in cardiac progenitor cells improves differentiation and remote remodeling after infarction. *JCI Insight*, **2017**, 2,	9.9	8
92	New and Emerging Therapies and Targets: Beta-3 Agonists. *Handbook of Experimental Pharmacology*, **2017**, 243, 205-223	3.2	9
91	Paracrine nitric oxide induces expression of cardiac sarcomeric proteins in adult progenitor cells through soluble guanylyl cyclase/cyclic-guanosine monophosphate and Wnt/β-catenin inhibition. *Cardiovascular Research*, **2016**, 112, 478-90	9.9	3
90	Loss of Mouse P2Y6 Nucleotide Receptor Is Associated with Physiological Macrocardia and Amplified Pathological Cardiac Hypertrophy. *Journal of Biological Chemistry*, **2016**, 291, 15841-52	5.4	19
89	High field magnetic resonance imaging of rodents in cardiovascular research. *Basic Research in Cardiology*, **2016**, 111, 46	11.8	11
88	Cardiac salvage by tweaking with beta-3-adrenergic receptors. *Cardiovascular Research*, **2016**, 111, 128-33	8.9	38
87	Chronic β1-adrenergic blockade enhances myocardial β3-adrenergic coupling with nitric oxide-cGMP signaling in a canine model of chronic volume overload: new insight into mechanisms of cardiac benefit with selective β1-blocker therapy. *Basic Research in Cardiology*, **2015**, 110, 456	11.8	30
86	Loss of mouse P2Y4 nucleotide receptor protects against myocardial infarction through endothelin-1 downregulation. *Journal of Immunology*, **2015**, 194, 1874-81	5.3	23

85	Living Donor Liver Transplantation in Children: Surgical and Immunological Results in 250 Recipients at Universit Catholique de Louvain. *Annals of Surgery*, **2015**, 262, 1141-9	7.8	47
84	Variability of Mouse Left Ventricular Function Assessment by 11.7 Tesla MRI. *Journal of Cardiovascular Translational Research*, **2015**, 8, 362-71	3.3	8
83	A-769662 potentiates the effect of other AMP-activated protein kinase activators on cardiac glucose uptake. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 306, H1619-30	5.2	41
82	Low-density lipoprotein-cholesterol-induced endothelial dysfunction and oxidative stress: the role of statins. *Antioxidants and Redox Signaling*, **2014**, 20, 1216-37	8.4	46
81	Reduced scar maturation and contractility lead to exaggerated left ventricular dilation after myocardial infarction in mice lacking AMPK1. *Journal of Molecular and Cellular Cardiology*, **2014**, 74, 32-43	5.8	44
80	Melusin protects from cardiac rupture and improves functional remodelling after myocardial infarction. *Cardiovascular Research*, **2014**, 101, 97-107	9.9	33
79	Transgenic mice for real-time visualization of cGMP in intact adult cardiomyocytes. *Circulation Research*, **2014**, 114, 1235-45	15.7	56
78	Enhanced expression of 3-adrenoceptors in cardiac myocytes attenuates neurohormone-induced hypertrophic remodeling through nitric oxide synthase. *Circulation*, **2014**, 129, 451-62	16.7	98
77	ESC Working Group on Myocardial Function Position Paper: how to study the right ventricle in experimental models. *European Journal of Heart Failure*, **2014**, 16, 509-18	12.3	10
76	Targeting myocardial remodelling to develop novel therapies for heart failure: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. *European Journal of Heart Failure*, **2014**, 16, 494-508	12.3	71
75	Genetic deletion of aquaporin-1 results in microcardia and low blood pressure in mouse with intact nitric oxide-dependent relaxation, but enhanced prostanoids-dependent relaxation. *Pflugers Archiv European Journal of Physiology*, **2014**, 466, 237-51	4.6	25
74	Role of nitric oxide and oxidative stress in a sheep model of persistent atrial fibrillation. *Europace*, **2013**, 15, 754-60	3.9	33
73	HMGCoA reductase inhibition reverses myocardial fibrosis and diastolic dysfunction through AMP-activated protein kinase activation in a mouse model of metabolic syndrome. *Cardiovascular Research*, **2013**, 99, 44-54	9.9	66
72	Nebivolol prevents desensitization of adrenoceptor signaling and induction of cardiac hypertrophy in response to isoprenaline beyond 1-adrenoceptor blockage. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 304, H1267-76	5.2	17
71	Beta3-adrenoreceptors in cardiovasular diseases: new roles for an "old" receptor. *Current Drug Delivery*, **2013**, 10, 64-6	3.2	33
70	Nitrosylated hemoglobin levels in human venous erythrocytes correlate with vascular endothelial function measured by digital reactive hyperemia. *PLoS ONE*, **2013**, 8, e76457	3.7	23
69	P2Y(4) nucleotide receptor: a novel actor in post-natal cardiac development. *Angiogenesis*, **2012**, 15, 349-60	6.6	25
68	Nitric oxide synthase and cyclic GMP signaling in cardiac myocytes: from contractility to remodeling. *Journal of Molecular and Cellular Cardiology*, **2012**, 52, 330-40	5.8	76

67	Nitric oxide synthase in post-ischaemic remodelling: new pathways and mechanisms. *Cardiovascular Research*, **2012**, 94, 304-15	9.9	15
66	Vasodilatory mechanisms of beta receptor blockade. *Current Hypertension Reports*, **2012**, 14, 310-7	4.7	14
65	Gene deletion of P2Y4 receptor lowers exercise capacity and reduces myocardial hypertrophy with swimming exercise. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 303, H835-43	5.2	15
64	Regulation of endothelial nitric-oxide synthase (NOS) S-glutathionylation by neuronal NOS: evidence of a functional interaction between myocardial constitutive NOS isoforms. *Journal of Biological Chemistry*, **2012**, 287, 43665-73	5.4	41
63	Nebivolol exerts beneficial effects on endothelial function, early endothelial progenitor cells, myocardial neovascularization, and left ventricular dysfunction early after myocardial infarction beyond conventional β1-blockade. *Journal of the American College of Cardiology*, **2011**, 57, 601-11	15.1	97
62	Erythropoietin preserves the endothelial differentiation capacity of cardiac progenitor cells and reduces heart failure during anticancer therapies. *Cell Stem Cell*, **2011**, 9, 131-43	18	60
61	Beta-3 adrenoceptors as new therapeutic targets for cardiovascular pathologies. *Current Heart Failure Reports*, **2011**, 8, 184-92	2.8	43
60	Towards a re-definition of 'cardiac hypertrophy' through a rational characterization of left ventricular phenotypes: a position paper of the Working Group 'Myocardial Function' of the ESC. *European Journal of Heart Failure*, **2011**, 13, 811-9	12.3	45
59	Cardiovascular side effects of cancer therapies: a position statement from the Heart Failure Association of the European Society of Cardiology. *European Journal of Heart Failure*, **2011**, 13, 1-10	12.3	295
58	Moderate caveolin-1 downregulation prevents NADPH oxidase-dependent endothelial nitric oxide synthase uncoupling by angiotensin II in endothelial cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2098-105	9.4	45
57	Nitric oxide synthase isoforms play distinct roles during acute peritonitis. *Nephrology Dialysis Transplantation*, **2010**, 25, 86-96	4.3	24
56	Activation of the cardiac mTOR/p70(S6K) pathway by leucine requires PDK1 and correlates with PRAS40 phosphorylation. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 298, E761-9	6	46
55	Beta3-adrenergic receptors in cardiac and vascular tissues emerging concepts and therapeutic perspectives. *Advances in Pharmacology*, **2010**, 59, 135-63	5.7	66
54	The regulation of endothelial nitric oxide synthase by caveolin: a paradigm validated in vivo and shared by the 'endothelium-derived hyperpolarizing factor'. *Pflugers Archiv European Journal of Physiology*, **2010**, 459, 817-27	4.6	32
53	eNOS activation by physical forces: from short-term regulation of contraction to chronic remodeling of cardiovascular tissues. *Physiological Reviews*, **2009**, 89, 481-534	47.9	317
52	Inflammation as a therapeutic target in heart failure? A scientific statement from the Translational Research Committee of the Heart Failure Association of the European Society of Cardiology. *European Journal of Heart Failure*, **2009**, 11, 119-29	12.3	248
51	PKD1 haploinsufficiency is associated with altered vascular reactivity and abnormal calcium signaling in the mouse aorta. *Pflugers Archiv European Journal of Physiology*, **2009**, 457, 845-56	4.6	27
50	The estrogen effects on endothelial repair and mitogen-activated protein kinase activation are abolished in endothelial nitric-oxide (NO) synthase knockout mice, but not by NO synthase inhibition by N-nitro-L-arginine methyl ester. *American Journal of Pathology*, **2008**, 172, 830-8	5.8	24

49	Rosuvastatin increases vascular endothelial PPARgamma expression and corrects blood pressure variability in obese dyslipidaemic mice. *European Heart Journal*, **2008**, 29, 128-37	9.5	37
48	Beta-Catenin downregulation attenuates ischemic cardiac remodeling through enhanced resident precursor cell differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 19762-7	11.5	104
47	Dyslipidaemia in type II diabetic mice does not aggravate contractile impairment but increases ventricular stiffness. *Cardiovascular Research*, **2008**, 77, 371-9	9.9	57
46	Control of blood pressure variability in caveolin-1-deficient mice: role of nitric oxide identified in vivo through spectral analysis. *Cardiovascular Research*, **2008**, 79, 527-36	9.9	45
45	Relevance of nitric oxide for myocardial remodeling. *Current Heart Failure Reports*, **2007**, 4, 18-25	2.8	36
44	RhoA activation and interaction with Caveolin-1 are critical for pressure-induced myogenic tone in rat mesenteric resistance arteries. *Cardiovascular Research*, **2007**, 73, 190-7	9.9	53
43	Amlodipine and stroke prevention. *Hypertension*, **2007**, 50, e71; author reply e72	8.5	1
42	A cathepsin D-cleaved 16 kDa form of prolactin mediates postpartum cardiomyopathy. *Cell*, **2007**, 128, 589-600	56.2	586
41	The calcium channel blocker amlodipine promotes the unclamping of eNOS from caveolin in endothelial cells. *Cardiovascular Research*, **2006**, 71, 478-85	9.9	37
40	Caveolins and the regulation of endothelial nitric oxide synthase in the heart. *Cardiovascular Research*, **2006**, 69, 788-97	9.9	115
39	Caveolin plays a central role in endothelial progenitor cell mobilization and homing in SDF-1-driven postischemic vasculogenesis. *Circulation Research*, **2006**, 98, 1219-27	15.7	57
38	Endothelial beta3-adrenoreceptors mediate nitric oxide-dependent vasorelaxation of coronary microvessels in response to the third-generation beta-blocker nebivolol. *Circulation*, **2005**, 112, 1198-205	16.7	171
37	Cardiomyocyte-restricted overexpression of endothelial nitric oxide synthase (NOS3) attenuates beta-adrenergic stimulation and reinforces vagal inhibition of cardiac contraction. *Circulation*, **2004**, 110, 2666-72	16.7	85
36	Weight-loss-associated induction of peroxisome proliferator-activated receptor-alpha and peroxisome proliferator-activated receptor-gamma correlate with reduced atherosclerosis and improved cardiovascular function in obese insulin-resistant mice. *Circulation*, **2004**, 110, 3259-69	16.7	109
35	Caveolin-1 expression is critical for vascular endothelial growth factor-induced ischemic hindlimb collateralization and nitric oxide-mediated angiogenesis. *Circulation Research*, **2004**, 95, 154-61	15.7	173
34	Endothelin-1 is a critical mediator of myogenic tone in tumor arterioles: implications for cancer treatment. *Cancer Research*, **2004**, 64, 3209-14	10.1	50
33	Hypercholesterolemia in rats induces podocyte stress and decreases renal cortical nitric oxide synthesis via an angiotensin II type 1 receptor-sensitive mechanism. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 949-57	12.7	28
32	Rosuvastatin decreases caveolin-1 and improves nitric oxide-dependent heart rate and blood pressure variability in apolipoprotein E-/- mice in vivo. *Circulation*, **2003**, 107, 2480-6	16.7	153

31	Differential regulation of nitric oxide synthases and their allosteric regulators in heart and vessels of hypertensive rats. *Cardiovascular Research*, **2003**, 57, 456-67	9.9	100
30	Mice that lack endothelial nitric oxide synthase are protected against functional and structural modifications induced by acute peritonitis. *Journal of the American Society of Nephrology: JASN*, **2003**, 14, 3205-16	12.7	560
29	Irradiation-induced angiogenesis through the up-regulation of the nitric oxide pathway: implications for tumor radiotherapy. *Cancer Research*, **2003**, 63, 1012-9	10.1	118
28	Potential use of beta(3)-adrenoceptor antagonists in heart failure therapy. *Cardiovascular Drug Reviews*, **2002**, 20, 19-26		21
27	Les esp□es r□actives de l□azote : b□□fiques ou d□□es ?. *Nutrition Clinique Et Metabolisme*, **2002**, 16, 248-252	0.8	3
26	Modulation of the tumor vasculature functionality by ionizing radiation accounts for tumor radiosensitization and promotes gene delivery. *FASEB Journal*, **2002**, 16, 1979-81	0.9	76
25	Endogenous nitric oxide mechanisms mediate the stretch dependence of Ca2+ release in cardiomyocytes. *Nature Cell Biology*, **2001**, 3, 867-73	23.4	270
24	Upregulation of beta(3)-adrenoceptors and altered contractile response to inotropic amines in human failing myocardium. *Circulation*, **2001**, 103, 1649-55	16.7	246
23	Hsp90 ensures the transition from the early Ca2+-dependent to the late phosphorylation-dependent activation of the endothelial nitric-oxide synthase in vascular endothelial growth factor-exposed endothelial cells. *Journal of Biological Chemistry*, **2001**, 276, 32663-9	5.4	164
22	Hsp90 and caveolin are key targets for the proangiogenic nitric oxide-mediated effects of statins. *Circulation Research*, **2001**, 89, 866-73	15.7	239
21	Nitric oxide: does it play a role in the heart of the critically ill?. *Current Opinion in Critical Care*, **2001**, 7, 323-36	3.5	22
20	A specific method for measurement of nitric oxide synthase enzymatic activity in peritoneal biopsies. *Kidney International*, **2000**, 57, 332-8	9.9	23
19	Beta3-adrenoceptors in the cardiovascular system. *Trends in Pharmacological Sciences*, **2000**, 21, 426-31	13.2	145
18	Role of Nitric Oxide in Myocardial Function **2000**, 585-607		7
17	The negative inotropic action of catecholamines: Role of □-adrenoceptors. *Canadian Journal of Physiology and Pharmacology*, **2000**, 78, 681-690	2.4	24
16	Expression and Regulation of Aquaporin-1 and Endothelial Nitric Oxide Synthase in Relationship with Water Permeability Across the Peritoneum **2000**, 69-75		2
15	Hypercholesterolemia decreases nitric oxide production by promoting the interaction of caveolin and endothelial nitric oxide synthase. *Journal of Clinical Investigation*, **1999**, 103, 897-905	15.9	295
14	Regulation of aquaporin-1 and nitric oxide synthase isoforms in a rat model of acute peritonitis. *Journal of the American Society of Nephrology: JASN*, **1999**, 10, 2185-96	12.7	90

13	Regulation of cardiac myocyte contractile function by inducible nitric oxide synthase (iNOS): mechanisms of contractile depression by nitric oxide. *Journal of Molecular and Cellular Cardiology*, **1998**, 30, 303-15	5.8	82
12	Nitric oxide synthases and cardiac muscle. Autocrine and paracrine influences. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 1846-58	9.4	215
11	The role of the NO pathway in the control of cardiac function. *Journal of Cardiac Failure*, **1996**, 2, S141-7	3.3	16
10	Role of a cytokine-inducible nitric oxide synthase in the control of myocardial contractile state. *Heart Failure Reviews*, **1996**, 1, 193-201	5	1
9	Regulation of cytokine-inducible nitric oxide synthase in cardiac myocytes and microvascular endothelial cells. Role of extracellular signal-regulated kinases 1 and 2 (ERK1/ERK2) and STAT1 alpha. *Journal of Biological Chemistry*, **1996**, 271, 1111-7	5.4	136
8	Frequency-dependent activation of a constitutive nitric oxide synthase and regulation of contractile function in adult rat ventricular myocytes. *Circulation Research*, **1996**, 78, 217-24	15.7	64
7	Nitric oxide and cardiac function. *Circulation Research*, **1996**, 79, 363-80	15.7	452
6	The NO Pathway in Cardiovascular Regulation: Constitutive and Inducible Nitric Oxide Synthase in Cardiac Myocytes and Microvascular Endothelial Cells **1996**, 353-362		
5	Nitric oxide-dependent parasympathetic signaling is due to activation of constitutive endothelial (type III) nitric oxide synthase in cardiac myocytes. *Journal of Biological Chemistry*, **1995**, 270, 14582-6	5.4	273
4	Glucocorticoids increase osteopontin expression in cardiac myocytes and microvascular endothelial cells. Role in regulation of inducible nitric oxide synthase. *Journal of Biological Chemistry*, **1995**, 270, 28471-8	5.4	125
3	Contractile responsiveness of ventricular myocytes to isoproterenol is regulated by induction of nitric oxide synthase activity in cardiac microvascular endothelial cells in heterotypic primary culture. *Circulation Research*, **1995**, 77, 486-93	15.7	63
2	Induction of nitric oxide synthase activity by cytokines in ventricular myocytes is necessary but not sufficient to decrease contractile responsiveness to beta-adrenergic agonists. *Circulation Research*, **1995**, 77, 494-502	15.7	86
1	Outcome of patients with tuberous sclerosis after renal transplantation. *Transplantation*, **1990**, 49, 515-8	4.8	17