

Jean-Luc Balligand

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

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	A cathepsin D-cleaved 16 kDa form of prolactin mediates postpartum cardiomyopathy. <i>Cell</i> , 2007 , 128, 589-600	56.2	586
137	Mice that lack endothelial nitric oxide synthase are protected against functional and structural modifications induced by acute peritonitis. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 3205-16	12.7	560
136	Nitric oxide and cardiac function. <i>Circulation Research</i> , 1996 , 79, 363-80	15.7	452
135	eNOS activation by physical forces: from short-term regulation of contraction to chronic remodeling of cardiovascular tissues. <i>Physiological Reviews</i> , 2009 , 89, 481-534	47.9	317
134	Cardiovascular side effects of cancer therapies: a position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2011 , 13, 1-10	12.3	295
133	Hypercholesterolemia decreases nitric oxide production by promoting the interaction of caveolin and endothelial nitric oxide synthase. <i>Journal of Clinical Investigation</i> , 1999 , 103, 897-905	15.9	295
132	Nitric oxide-dependent parasympathetic signaling is due to activation of constitutive endothelial (type III) nitric oxide synthase in cardiac myocytes. <i>Journal of Biological Chemistry</i> , 1995 , 270, 14582-6	5.4	273
131	Endogenous nitric oxide mechanisms mediate the stretch dependence of Ca ²⁺ release in cardiomyocytes. <i>Nature Cell Biology</i> , 2001 , 3, 867-73	23.4	270
130	Nitric oxide signalling in cardiovascular health and disease. <i>Nature Reviews Cardiology</i> , 2018 , 15, 292-316	14.8	259
129	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. <i>European Journal of Heart Failure</i> , 2009 , 11, 119-29	12.3	248
128	Upregulation of beta(3)-adrenoceptors and altered contractile response to inotropic amines in human failing myocardium. <i>Circulation</i> , 2001 , 103, 1649-55	16.7	246
127	Hsp90 and caveolin are key targets for the proangiogenic nitric oxide-mediated effects of statins. <i>Circulation Research</i> , 2001 , 89, 866-73	15.7	239
126	Nitric oxide synthases and cardiac muscle. Autocrine and paracrine influences. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 1846-58	9.4	215
125	Caveolin-1 expression is critical for vascular endothelial growth factor-induced ischemic hindlimb collateralization and nitric oxide-mediated angiogenesis. <i>Circulation Research</i> , 2004 , 95, 154-61	15.7	173
124	Endothelial beta3-adrenoreceptors mediate nitric oxide-dependent vasorelaxation of coronary microvessels in response to the third-generation beta-blocker nebivolol. <i>Circulation</i> , 2005 , 112, 1198-205	16.7	171
123	Hsp90 ensures the transition from the early Ca ²⁺ -dependent to the late phosphorylation-dependent activation of the endothelial nitric-oxide synthase in vascular endothelial growth factor-exposed endothelial cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 32663-9	5.4	164
122	Rosuvastatin decreases caveolin-1 and improves nitric oxide-dependent heart rate and blood pressure variability in apolipoprotein E ^{-/-} mice in vivo. <i>Circulation</i> , 2003 , 107, 2480-6	16.7	153

121	Beta3-adrenoceptors in the cardiovascular system. <i>Trends in Pharmacological Sciences</i> , 2000 , 21, 426-31	13.2	145
120	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. <i>Journal of Biological Chemistry</i> , 1996 , 271, 1111-7	5.4	136
119	Glucocorticoids increase osteopontin expression in cardiac myocytes and microvascular endothelial cells. Role in regulation of inducible nitric oxide synthase. <i>Journal of Biological Chemistry</i> , 1995 , 270, 28471-8	5.4	125
118	Irradiation-induced angiogenesis through the up-regulation of the nitric oxide pathway: implications for tumor radiotherapy. <i>Cancer Research</i> , 2003 , 63, 1012-9	10.1	118
117	Caveolins and the regulation of endothelial nitric oxide synthase in the heart. <i>Cardiovascular Research</i> , 2006 , 69, 788-97	9.9	115
116	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. <i>Circulation</i> , 2004 , 110, 3259-69	16.7	109
115	AMPK activation counteracts cardiac hypertrophy by reducing O-GlcNAcylation. <i>Nature Communications</i> , 2018 , 9, 374	17.4	108
114	Beta-Catenin downregulation attenuates ischemic cardiac remodeling through enhanced resident precursor cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 19762-7	11.5	104
113	Differential regulation of nitric oxide synthases and their allosteric regulators in heart and vessels of hypertensive rats. <i>Cardiovascular Research</i> , 2003 , 57, 456-67	9.9	100
112	Enhanced expression of B-adrenoceptors in cardiac myocytes attenuates neurohormone-induced hypertrophic remodeling through nitric oxide synthase. <i>Circulation</i> , 2014 , 129, 451-62	16.7	98
111	Nebivolol exerts beneficial effects on endothelial function, early endothelial progenitor cells, myocardial neovascularization, and left ventricular dysfunction early after myocardial infarction beyond conventional β -blockade. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 601-11	15.1	97
110	Regulation of aquaporin-1 and nitric oxide synthase isoforms in a rat model of acute peritonitis. <i>Journal of the American Society of Nephrology: JASN</i> , 1999 , 10, 2185-96	12.7	90
109	Induction of nitric oxide synthase activity by cytokines in ventricular myocytes is necessary but not sufficient to decrease contractile responsiveness to beta-adrenergic agonists. <i>Circulation Research</i> , 1995 , 77, 494-502	15.7	86
108	Cardiomyocyte-restricted overexpression of endothelial nitric oxide synthase (NOS3) attenuates beta-adrenergic stimulation and reinforces vagal inhibition of cardiac contraction. <i>Circulation</i> , 2004 , 110, 2666-72	16.7	85
107	Regulation of cardiac myocyte contractile function by inducible nitric oxide synthase (iNOS): mechanisms of contractile depression by nitric oxide. <i>Journal of Molecular and Cellular Cardiology</i> , 1998 , 30, 303-15	5.8	82
106	Nitric oxide synthase and cyclic GMP signaling in cardiac myocytes: from contractility to remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 52, 330-40	5.8	76
105	Modulation of the tumor vasculature functionality by ionizing radiation accounts for tumor radiosensitization and promotes gene delivery. <i>FASEB Journal</i> , 2002 , 16, 1979-81	0.9	76
104	The Function and Therapeutic Potential of Long Non-coding RNAs in Cardiovascular Development and Disease. <i>Molecular Therapy - Nucleic Acids</i> , 2017 , 8, 494-507	10.7	75

103	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. <i>European Journal of Heart Failure</i> , 2014 , 16, 494-508	12.3	71
102	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. <i>European Journal of Heart Failure</i> , 2018 , 20, 445-459	12.3	67
101	HMGCoA reductase inhibition reverses myocardial fibrosis and diastolic dysfunction through AMP-activated protein kinase activation in a mouse model of metabolic syndrome. <i>Cardiovascular Research</i> , 2013 , 99, 44-54	9.9	66
100	Beta3-adrenergic receptors in cardiac and vascular tissues emerging concepts and therapeutic perspectives. <i>Advances in Pharmacology</i> , 2010 , 59, 135-63	5.7	66
99	Frequency-dependent activation of a constitutive nitric oxide synthase and regulation of contractile function in adult rat ventricular myocytes. <i>Circulation Research</i> , 1996 , 78, 217-24	15.7	64
98	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. <i>Circulation Research</i> , 1995 , 77, 486-93	15.7	63
97	Molecular networks in Network Medicine: Development and applications. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2020 , 12, e1489	6.6	63
96	Erythropoietin preserves the endothelial differentiation capacity of cardiac progenitor cells and reduces heart failure during anticancer therapies. <i>Cell Stem Cell</i> , 2011 , 9, 131-43	18	60
95	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. <i>European Journal of Heart Failure</i> , 2018 , 20, 216-227	12.3	59
94	Dyslipidaemia in type II diabetic mice does not aggravate contractile impairment but increases ventricular stiffness. <i>Cardiovascular Research</i> , 2008 , 77, 371-9	9.9	57
93	Caveolin plays a central role in endothelial progenitor cell mobilization and homing in SDF-1-driven postischemic vasculogenesis. <i>Circulation Research</i> , 2006 , 98, 1219-27	15.7	57
92	Transgenic mice for real-time visualization of cGMP in intact adult cardiomyocytes. <i>Circulation Research</i> , 2014 , 114, 1235-45	15.7	56
91	RhoA activation and interaction with Caveolin-1 are critical for pressure-induced myogenic tone in rat mesenteric resistance arteries. <i>Cardiovascular Research</i> , 2007 , 73, 190-7	9.9	53
90	Treatments targeting inotropy. <i>European Heart Journal</i> , 2019 , 40, 3626-3644	9.5	51
89	Endothelin-1 is a critical mediator of myogenic tone in tumor arterioles: implications for cancer treatment. <i>Cancer Research</i> , 2004 , 64, 3209-14	10.1	50
88	Living Donor Liver Transplantation in Children: Surgical and Immunological Results in 250 Recipients at Universit� Catholique de Louvain. <i>Annals of Surgery</i> , 2015 , 262, 1141-9	7.8	47
87	Low-density lipoprotein-cholesterol-induced endothelial dysfunction and oxidative stress: the role of statins. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 1216-37	8.4	46
86	Activation of the cardiac mTOR/p70(S6K) pathway by leucine requires PDK1 and correlates with PRAS40 phosphorylation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E761-9	6	46

85	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. <i>European Journal of Heart Failure</i> , 2011 , 13, 811-9	12.3	45
84	Moderate caveolin-1 downregulation prevents NADPH oxidase-dependent endothelial nitric oxide synthase uncoupling by angiotensin II in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2098-105	9.4	45
83	Control of blood pressure variability in caveolin-1-deficient mice: role of nitric oxide identified in vivo through spectral analysis. <i>Cardiovascular Research</i> , 2008 , 79, 527-36	9.9	45
82	Reduced scar maturation and contractility lead to exaggerated left ventricular dilation after myocardial infarction in mice lacking AMPK α . <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 74, 32-43	5.8	44
81	Sodium-myoinositol cotransporter-1, SMIT1, mediates the production of reactive oxygen species induced by hyperglycemia in the heart. <i>Scientific Reports</i> , 2017 , 7, 41166	4.9	43
80	Beta-3 adrenoceptors as new therapeutic targets for cardiovascular pathologies. <i>Current Heart Failure Reports</i> , 2011 , 8, 184-92	2.8	43
79	Cardiac myocyte β -adrenergic receptors prevent myocardial fibrosis by modulating oxidant stress-dependent paracrine signaling. <i>European Heart Journal</i> , 2018 , 39, 888-898	9.5	41
78	A-769662 potentiates the effect of other AMP-activated protein kinase activators on cardiac glucose uptake. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H1619-30	5.2	41
77	Regulation of endothelial nitric-oxide synthase (NOS) S-glutathionylation by neuronal NOS: evidence of a functional interaction between myocardial constitutive NOS isoforms. <i>Journal of Biological Chemistry</i> , 2012 , 287, 43665-73	5.4	41
76	Cardiac salvage by tweaking with beta-3-adrenergic receptors. <i>Cardiovascular Research</i> , 2016 , 111, 128-33	9.9	38
75	Rosuvastatin increases vascular endothelial PPAR γ expression and corrects blood pressure variability in obese dyslipidaemic mice. <i>European Heart Journal</i> , 2008 , 29, 128-37	9.5	37
74	The calcium channel blocker amlodipine promotes the unclamping of eNOS from caveolin in endothelial cells. <i>Cardiovascular Research</i> , 2006 , 71, 478-85	9.9	37
73	Relevance of nitric oxide for myocardial remodeling. <i>Current Heart Failure Reports</i> , 2007 , 4, 18-25	2.8	36
72	Role of nitric oxide and oxidative stress in a sheep model of persistent atrial fibrillation. <i>Europace</i> , 2013 , 15, 754-60	3.9	33
71	Melusin protects from cardiac rupture and improves functional remodelling after myocardial infarction. <i>Cardiovascular Research</i> , 2014 , 101, 97-107	9.9	33
70	Beta3-adrenoreceptors in cardiovascular diseases: new roles for an "old" receptor. <i>Current Drug Delivery</i> , 2013 , 10, 64-6	3.2	33
69	The regulation of endothelial nitric oxide synthase by caveolin: a paradigm validated in vivo and shared by the 'endothelium-derived hyperpolarizing factor'. <i>Pflügers Archiv European Journal of Physiology</i> , 2010 , 459, 817-27	4.6	32
68	Metabolic changes in hypertrophic cardiomyopathies: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018 , 114, 1273-1280	8.9	31

67	Chronic α -adrenergic blockade enhances myocardial β -adrenergic coupling with nitric oxide-cGMP signaling in a canine model of chronic volume overload: new insight into mechanisms of cardiac benefit with selective α -blocker therapy. <i>Basic Research in Cardiology</i> , 2015 , 110, 456	11.8	30
66	Hypercholesterolemia in rats induces podocyte stress and decreases renal cortical nitric oxide synthesis via an angiotensin II type 1 receptor-sensitive mechanism. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 949-57	12.7	28
65	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. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2345-2357	9.4	27
64	PKD1 haploinsufficiency is associated with altered vascular reactivity and abnormal calcium signaling in the mouse aorta. <i>Pflügers Archiv European Journal of Physiology</i> , 2009 , 457, 845-56	4.6	27
63	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. <i>Pflügers Archiv European Journal of Physiology</i> , 2014 , 466, 237-51	4.6	25
62	P2Y(4) nucleotide receptor: a novel actor in post-natal cardiac development. <i>Angiogenesis</i> , 2012 , 15, 349-606	10.6	25
61	Nitric oxide synthase isoforms play distinct roles during acute peritonitis. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 86-96	4.3	24
60	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. <i>American Journal of Pathology</i> , 2008 , 172, 830-8	5.8	24
59	The negative inotropic action of catecholamines: Role of β -adrenoceptors. <i>Canadian Journal of Physiology and Pharmacology</i> , 2000 , 78, 681-690	2.4	24
58	Loss of mouse P2Y4 nucleotide receptor protects against myocardial infarction through endothelin-1 downregulation. <i>Journal of Immunology</i> , 2015 , 194, 1874-81	5.3	23
57	A specific method for measurement of nitric oxide synthase enzymatic activity in peritoneal biopsies. <i>Kidney International</i> , 2000 , 57, 332-8	9.9	23
56	Nitrosylated hemoglobin levels in human venous erythrocytes correlate with vascular endothelial function measured by digital reactive hyperemia. <i>PLoS ONE</i> , 2013 , 8, e76457	3.7	23
55	Nitric oxide: does it play a role in the heart of the critically ill?. <i>Current Opinion in Critical Care</i> , 2001 , 7, 323-36	3.5	22
54	Potential use of beta(3)-adrenoceptor antagonists in heart failure therapy. <i>Cardiovascular Drug Reviews</i> , 2002 , 20, 19-26		21
53	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). <i>ESC Heart Failure</i> , 2018 , 5, 830-841	3.7	20
52	Loss of Mouse P2Y6 Nucleotide Receptor Is Associated with Physiological Macrocardia and Amplified Pathological Cardiac Hypertrophy. <i>Journal of Biological Chemistry</i> , 2016 , 291, 15841-52	5.4	19
51	Inhibition of aquaporin-1 prevents myocardial remodeling by blocking the transmembrane transport of hydrogen peroxide. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	18
50	Nebivolol prevents desensitization of β -adrenoceptor signaling and induction of cardiac hypertrophy in response to isoprenaline beyond α -adrenoceptor blockage. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H1267-76	5.2	17

49	Outcome of patients with tuberous sclerosis after renal transplantation. <i>Transplantation</i> , 1990 , 49, 515-8.8	17
48	The role of the NO pathway in the control of cardiac function. <i>Journal of Cardiac Failure</i> , 1996 , 2, S141-7 3.3	16
47	Nitric oxide synthase in post-ischaemic remodelling: new pathways and mechanisms. <i>Cardiovascular Research</i> , 2012 , 94, 304-15	9.9 15
46	Gene deletion of P2Y4 receptor lowers exercise capacity and reduces myocardial hypertrophy with swimming exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H835-43 5.2	15
45	Adrenoceptor redistribution impairs NO/cGMP/PDE2 signalling in failing cardiomyocytes. <i>ELife</i> , 2020 , 9,	8.9 15
44	Vasodilatory mechanisms of beta receptor blockade. <i>Current Hypertension Reports</i> , 2012 , 14, 310-7	4.7 14
43	The Beta3 Adrenergic Receptor in Healthy and Pathological Cardiovascular Tissues. <i>Cells</i> , 2020 , 9,	7.9 13
42	Impaired immune response mediated by prostaglandin E2 promotes severe COVID-19 disease. <i>PLoS ONE</i> , 2021 , 16, e0255335	3.7 13
41	Expression and Implication of Clusterin in Left Ventricular Remodeling After Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2018 , 11, e004838	7.6 12
40	High field magnetic resonance imaging of rodents in cardiovascular research. <i>Basic Research in Cardiology</i> , 2016 , 111, 46	11.8 11
39	Nitrosyl-hemoglobin formation in rodent and human venous erythrocytes reflects NO formation from the vasculature in vivo. <i>PLoS ONE</i> , 2018 , 13, e0200352	3.7 11
38	ESC Working Group on Myocardial Function Position Paper: how to study the right ventricle in experimental models. <i>European Journal of Heart Failure</i> , 2014 , 16, 509-18	12.3 10
37	AMPK α deletion in myofibroblasts exacerbates post-myocardial infarction fibrosis by a connexin 43 mechanism. <i>Basic Research in Cardiology</i> , 2021 , 116, 10	11.8 10
36	New and Emerging Therapies and Targets: Beta-3 Agonists. <i>Handbook of Experimental Pharmacology</i> , 2017 , 243, 205-223	3.2 9
35	Variability of Mouse Left Ventricular Function Assessment by 11.7 Tesla MRI. <i>Journal of Cardiovascular Translational Research</i> , 2015 , 8, 362-71	3.3 8
34	Dnmt3a-mediated inhibition of Wnt in cardiac progenitor cells improves differentiation and remote remodeling after infarction. <i>JCI Insight</i> , 2017 , 2,	9.9 8
33	Oxidative stress-induced endothelial dysfunction and decreased vascular nitric oxide in COVID-19 patients.. <i>EBioMedicine</i> , 2022 , 77, 103893	8.8 8
32	Role of Nitric Oxide in Myocardial Function 2000 , 585-607	7

31	Redox regulation of nitrosyl-hemoglobin in human erythrocytes. <i>Redox Biology</i> , 2020 , 34, 101399	11.3	7
30	Heme-nitrosylated hemoglobin and oxidative stress in women consuming combined contraceptives. Clinical application of the EPR spectroscopy. <i>Free Radical Biology and Medicine</i> , 2017 , 108, 524-532	7.8	6
29	Beta 3 adrenoreceptors protect from hypertrophic remodelling through AMP-activated protein kinase and autophagy. <i>ESC Heart Failure</i> , 2020 , 7, 920-932	3.7	6
28	Studying the Role of AMPK in Cardiac Hypertrophy and Protein Synthesis. <i>Methods in Molecular Biology</i> , 2018 , 1732, 321-342	1.4	6
27	Increased clusterin levels after myocardial infarction is due to a defect in protein degradation systems activity. <i>Cell Death and Disease</i> , 2019 , 10, 608	9.8	6
26	A global network for network medicine. <i>Npj Systems Biology and Applications</i> , 2020 , 6, 29	5	6
25	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". <i>Circulation Research</i> , 2017 , 120, e54-e55	15.7	5
24	MRI Assessment of Cardiomyopathy Induced by β -Adrenoreceptor Autoantibodies and Protection Through β -Adrenoreceptor Overexpression. <i>Scientific Reports</i> , 2017 , 7, 43951	4.9	5
23	Changes of Metabolic Phenotype of Cardiac Progenitor Cells During Differentiation: Neutral Effect of Stimulation of AMP-Activated Protein Kinase. <i>Stem Cells and Development</i> , 2019 , 28, 1498-1513	4.4	5
22	Clinical and biochemical data of endothelial function in Women Consuming Combined Contraceptives. <i>Data in Brief</i> , 2017 , 13, 46-52	1.2	4
21	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). <i>Atherosclerosis</i> , 2018 , 277, 369-376	3.1	4
20	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. <i>Cardiovascular Research</i> , 2016 , 112, 478-90	9.9	3
19	Les espèces réactives de l'azote : bénéfiques ou délétères ?. <i>Nutrition Clinique Et Metabolisme</i> , 2002 , 16, 248-252	0.8	3
18	Expression and Regulation of Aquaporin-1 and Endothelial Nitric Oxide Synthase in Relationship with Water Permeability Across the Peritoneum 2000 , 69-75		2
17	Classification of the Immune Composition in the Tumor Infiltrate. <i>Methods in Molecular Biology</i> , 2019 , 1979, 305-315	1.4	1
16	Amlodipine and stroke prevention. <i>Hypertension</i> , 2007 , 50, e71; author reply e72	8.5	1
15	Role of a cytokine-inducible nitric oxide synthase in the control of myocardial contractile state. <i>Heart Failure Reviews</i> , 1996 , 1, 193-201	5	1
14	Letter by Fertet et al. Regarding Article, "Chronic Pressure Overload Induces Cardiac Hypertrophy and Fibrosis via Increases in SGLT1 and IL-18 Gene Expression in Mice".. <i>International Heart Journal</i> , 2022 , 63,	1.8	1

13	Molecular Regulation of NO Synthase in the Heart 2020 , 53-70		1
12	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation. <i>PLoS Biology</i> , 2020 , 18, e3000739	9.7	1
11	Atorvastatin population pharmacokinetics in a real-life setting: Influence of genetic polymorphisms and association with clinical response. <i>Clinical and Translational Science</i> , 2021 ,	4.9	1
10	You 'heart' what you eat!. <i>Cardiovascular Research</i> , 2021 , 117, 2294-2296	9.9	1
9	A Three-Month Consumption of Eggs Enriched with ω 3 and ω 6 Polyunsaturated Fatty Acids Significantly Decreases the Waist Circumference of Subjects at Risk of Developing Metabolic Syndrome: A Double-Blind Randomized Controlled Trial. <i>Nutrients</i> , 2021 , 13,	6.7	1
8	The NO Pathway in Cardiovascular Regulation: Constitutive and Inducible Nitric Oxide Synthase in Cardiac Myocytes and Microvascular Endothelial Cells 1996 , 353-362		
7	Sustained Downregulation of Vascular Smooth Muscle Acta2 After Transient Angiotensin II Infusion: A New Model of "Vascular Memory".. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 854361	5.4	
6	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation 2020 , 18, e3000739		
5	Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation 2020 , 18, e3000739		
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