Gianluigi Condorelli

List of Publications by Year in Descending Order

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

199 papers	17,018 citations	69 h-index	128 g-index
238 ext. papers	19,022 ext. citations	9.4 avg, IF	6.42 L-index

#	Paper	IF	Citations
199	One-Month Dual Antiplatelet Therapy After Bioresorbable Polymer Everolimus-Eluting Stents in High Bleeding Risk Patients.. *Journal of the American Heart Association*, **2022**, e023454	6	0
198	Synthetic recovery of impulse propagation in myocardial infarction via silicon carbide semiconductive nanowires.. *Nature Communications*, **2022**, 13, 6	17.4	0
197	Immunometabolic mechanisms of heart failure with preserved ejection fraction **2022**, 1, 211-222		3
196	Role of Reticulated Platelets in Cardiovascular Disease.. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2022**, ATVBAHA121316244	9.4	3
195	Nano-miR-133a Replacement Therapy Blunts Pressure Overload-Induced Heart Failure.. *Circulation*, **2021**, 144, 1973-1976	16.7	0
194	Association Between Colchicine Treatment and Clinical Outcomes in Patients with Coronary Artery Disease: Systematic Review and Meta-analysis. *European Cardiology Review*, **2021**, 16, e39	3.9	1
193	Impact of myocardial injury on mortality in patients with COVID-19: a meta-analysis. *Hellenic Journal of Cardiology*, **2021**, 62, 253-255	2.1	2
192	Myocardial hypoxic stress mediates functional cardiac extracellular vesicle release. *European Heart Journal*, **2021**, 42, 2780-2792	9.5	9
191	Mind your heart: the epigenetic consequences of heart failure on brain function. *EMBO Molecular Medicine*, **2021**, 13, e13785	12	
190	Dissecting the transcriptome in cardiovascular disease. *Cardiovascular Research*, **2021**,	9.9	3
189	Myeloid-Derived Growth Factor Protects Against Pressure Overload-Induced Heart Failure by Preserving Sarco/Endoplasmic Reticulum Ca-ATPase Expression in Cardiomyocytes. *Circulation*, **2021**, 144, 1227-1240	16.7	2
188	Platelet Surface Protein Expression and Reactivity upon TRAP Stimulation after BNT162b2 Vaccination. *Thrombosis and Haemostasis*, **2021**,	7	5
187	rs41291957 controls miR-143 and miR-145 expression and impacts coronary artery disease risk. *EMBO Molecular Medicine*, **2021**, 13, e14060	12	3
186	SARS-CoV-2 infection is associated with a pro-thrombotic platelet phenotype. *Cell Death and Disease*, **2021**, 12, 50	9.8	41
185	Circulating miR-184 is a potential predictive biomarker of cardiac damage in Anderson-Fabry disease.. *Cell Death and Disease*, **2021**, 12, 1150	9.8	1
184	Mass cytometry of platelet-rich plasma: a new approach to analyze platelet surface expression and reactivity.. *Platelets*, **2021**, 1-8	3.6	1
183	Monotherapy with a P2Y inhibitor or aspirin for secondary prevention in patients with established atherosclerosis: a systematic review and meta-analysis. *Lancet, The*, **2020**, 395, 1487-1495	40	46

182	miR-128-3p Is a Novel Regulator of Vascular Smooth Muscle Cell Phenotypic Switch and Vascular Diseases. *Circulation Research*, **2020**, 126, e120-e135	15.7	38
181	Risk factors for myocardial injury and death in patients with COVID-19: insights from a cohort study with chest computed tomography. *Cardiovascular Research*, **2020**, 116, 2239-2246	9.9	27
180	MicroRNA signatures predict early major coronary events in middle-aged men and women. *Cell Death and Disease*, **2020**, 11, 74	9.8	3
179	Role of the Epigenome in Heart Failure. *Physiological Reviews*, **2020**, 100, 1753-1777	47.9	10
178	Divergent Transcription of the Locus Generates Two Enhancer RNAs with Opposing Functions. *IScience*, **2020**, 23, 101539	6.1	3
177	T Cell Costimulation Blockade Blunts Age-Related Heart Failure. *Circulation Research*, **2020**, 127, 1115-1127	15.7	6
176	The K219T-Lamin mutation induces conduction defects through epigenetic inhibition of SCN5A in human cardiac laminopathy. *Nature Communications*, **2019**, 10, 2267	17.4	40
175	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002470	5.2	13
174	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002471	5.2	14
173	Endoplasmic reticulum stress at the crossroads of progeria and atherosclerosis. *EMBO Molecular Medicine*, **2019**, 11,	12	8
172	Mitral Valve Stenosis after Transcatheter Aortic Valve Replacement: Case Report and Review of the Literature. *Cardiovascular Revascularization Medicine*, **2019**, 20, 1196-1202	1.6	0
171	Dr. John Ross Jr. *European Heart Journal*, **2019**, 40, 2004-2005	9.5	
170	Scientists on the Spot: non-coding RNAs and heart failure. *Cardiovascular Research*, **2019**, 115, e164-e165	9.9	
169	Single-Cell Sequencing of Mouse Heart Immune Infiltrate in Pressure Overload-Driven Heart Failure Reveals Extent of Immune Activation. *Circulation*, **2019**, 140, 2089-2107	16.7	93
168	The involvement of epigenetics in vascular disease development. *International Journal of Biochemistry and Cell Biology*, **2019**, 107, 27-31	5.6	13
167	Risk of hospitalization for heart failure in rheumatoid arthritis patients treated with etanercept and abatacept. *Rheumatology International*, **2019**, 39, 239-243	3.6	12
166	Circ_Lrp6, a Circular RNA Enriched in Vascular Smooth Muscle Cells, Acts as a Sponge Regulating miRNA-145 Function. *Circulation Research*, **2019**, 124, 498-510	15.7	104
165	Direct Oral Anticoagulants in Addition to Antiplatelet Therapy for Secondary Prevention After Acute Coronary Syndromes: A Systematic Review and Meta-analysis. *JAMA Cardiology*, **2018**, 3, 234-241	16.2	30

164	An autofluorescence-based method for the isolation of highly purified ventricular cardiomyocytes. *Cardiovascular Research*, **2018**, 114, 409-416	9.9	6
163	Inhalation of peptide-loaded nanoparticles improves heart failure. *Science Translational Medicine*, **2018**, 10,	17.5	97
162	Human cardiomyocyte calcium handling and transverse tubules in mid-stage of post-myocardial-infarction heart failure. *ESC Heart Failure*, **2018**, 5, 332-342	3.7	20
161	The long noncoding RNA landscape in cardiovascular disease: a brief update. *Current Opinion in Cardiology*, **2018**, 33, 282-289	2.1	18
160	Unmet Needs in the Pathogenesis and Treatment of Cardiovascular Comorbidities in Chronic Inflammatory Diseases. *Clinical Reviews in Allergy and Immunology*, **2018**, 55, 254-270	12.3	1
159	miR-143/145 differentially regulate hematopoietic stem and progenitor activity through suppression of canonical TGF signaling. *Nature Communications*, **2018**, 9, 2418	17.4	22
158	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
157	UHRF1 epigenetically orchestrates smooth muscle cell plasticity in arterial disease. *Journal of Clinical Investigation*, **2018**, 128, 2473-2486	15.9	44
156	T cell costimulation blockade blunts pressure overload-induced heart failure. *Nature Communications*, **2017**, 8, 14680	17.4	94
155	Dual Antiplatelet Therapy Continuation Beyond 1 Year After Drug-Eluting Stents: A Meta-Analysis of Randomized Trials. *Circulation: Cardiovascular Interventions*, **2017**, 10,	6	6
154	Epigenomic and transcriptomic approaches in the post-genomic era: path to novel targets for diagnosis and therapy of the ischaemic heart? Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. *Cardiovascular Research*, **2017**, 113, 725-736	9.9	85
153	Growth hormone-releasing hormone attenuates cardiac hypertrophy and improves heart function in pressure overload-induced heart failure. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 12033-12038	11.5	29
152	Impact of Selection Bias on Estimation of Subsequent Event Risk. *Circulation: Cardiovascular Genetics*, **2017**, 10,		19
151	Histone Methyltransferase G9a Is Required for Cardiomyocyte Homeostasis and Hypertrophy. *Circulation*, **2017**, 136, 1233-1246	16.7	47
150	Circular RNAs and heart failure: new players for an old disease. *Cardiovascular Research*, **2017**, 113, 254-255	9.9	5
149	Scavenger receptors and non-coding RNAs: relevance in atherogenesis. *Cardiovascular Research*, **2016**, 109, 24-33	9.9	19
148	Adeno-associated virus-mediated CASQ2 delivery rescues phenotypic alterations in a patient-specific model of recessive catecholaminergic polymorphic ventricular tachycardia. *Cell Death and Disease*, **2016**, 7, e2393	9.8	37
147	DNA hydroxymethylation controls cardiomyocyte gene expression in development and hypertrophy. *Nature Communications*, **2016**, 7, 12418	17.4	97

146	Electroactive polyurethane/siloxane derived from castor oil as a versatile cardiac patch, part II: HL-1 cytocompatibility and electrical characterizations. *Journal of Biomedical Materials Research - Part A*, **2016**, 104, 1398-407	5.4	16
145	Endovascular treatment vs. intravenous thrombolysis alone for ischaemic stroke: a meta-analysis of randomised controlled trials. *EuroIntervention*, **2016**, 12, e271-81	3.1	3
144	Radial Versus Femoral Access for Coronary Interventions Across the Entire Spectrum of Patients With Coronary Artery Disease: A Meta-Analysis of Randomized Trials. *JACC: Cardiovascular Interventions*, **2016**, 9, 1419-34	5	253
143	Electroactive polyurethane/siloxane derived from castor oil as a versatile cardiac patch, part I: Synthesis, characterization, and myoblast proliferation and differentiation. *Journal of Biomedical Materials Research - Part A*, **2016**, 104, 775-787	5.4	21
142	Exercise training reverses myocardial dysfunction induced by CaMKIIδ overexpression by restoring Ca2+ homeostasis. *Journal of Applied Physiology*, **2016**, 121, 212-20	3.7	8
141	Peptidomimetic Targeting of Cav2 Overcomes Dysregulation of the L-Type Calcium Channel Density and Recovers Cardiac Function. *Circulation*, **2016**, 134, 534-46	16.7	28
140	Long noncoding RNAs and microRNAs in cardiovascular pathophysiology. *Circulation Research*, **2015** , 116, 751-62	15.7	281
139	RNA (Epi)genetics in cardiovascular diseases. *Journal of Molecular and Cellular Cardiology*, **2015**, 89, 11-6	5.8	28
138	Exome sequencing of a family with lone, autosomal dominant atrial flutter identifies a rare variation in ABCB4 significantly enriched in cases. *BMC Genetics*, **2015**, 16, 15	2.6	3
137	TGFβ Triggers miR-143/145 Transfer From Smooth Muscle Cells to Endothelial Cells, Thereby Modulating Vessel Stabilization. *Circulation Research*, **2015**, 116, 1753-64	15.7	143
136	Epigenetic modifications and noncoding RNAs in cardiac hypertrophy and failure. *Nature Reviews Cardiology*, **2015**, 12, 488-97	14.8	89
135	MicroRNAs in cardiovascular disease: an introduction for clinicians. *Heart*, **2015**, 101, 921-8	5.1	293
134	Therapeutic applications of noncoding RNAs. *Current Opinion in Cardiology*, **2015**, 30, 213-21	2.1	18
133	TET2 and CSMD1 genes affect SBP response to hydrochlorothiazide in never-treated essential hypertensives. *Journal of Hypertension*, **2015**, 33, 1301-9	1.9	20
132	FABP3 as Biomarker of Heart Pathology. *Biomarkers in Disease*, **2015**, 439-454		4
131	microRNAs in cardiovascular diseases: current knowledge and the road ahead. *Journal of the American College of Cardiology*, **2014**, 63, 2177-87	15.1	269
130	Novel therapeutic strategies for cardioprotection. *Pharmacology & Therapeutics*, **2014**, 144, 60-70	13.9	57
129	MicroRNA-133 modulates the β-adrenergic receptor transduction cascade. *Circulation Research*, **2014**, 115, 273-83	15.7	97

128	Circulating miR-29a, among other up-regulated microRNAs, is the only biomarker for both hypertrophy and fibrosis in patients with hypertrophic cardiomyopathy. *Journal of the American College of Cardiology*, **2014**, 63, 920-7	15.1	211
127	Reply: MicroRNA-29, a mysterious regulator in myocardial fibrosis and circulating miR-29a as a biomarker. *Journal of the American College of Cardiology*, **2014**, 64, 2181-2	15.1	2
126	Genetic variants in CCNB1 associated with differential gene transcription and risk of coronary in-stent restenosis. *Circulation: Cardiovascular Genetics*, **2014**, 7, 59-70		5
125	Reply: Platelet reactivity is preferred over genotyping in monitoring efficacy of antiplatelet therapy. *JACC: Cardiovascular Interventions*, **2014**, 7, 448-9	5	1
124	MiR-143/145 deficiency attenuates the progression of atherosclerosis in Ldlr-/-mice. *Thrombosis and Haemostasis*, **2014**, 112, 796-802	7	77
123	ESC working group cellular biology of the heart: position paper: improving the preclinical assessment of novel cardioprotective therapies. *Cardiovascular Research*, **2014**, 104, 399-411	9.9	108
122	A G613A missense in the Hutchinson-Gilford progeria lamin A/C gene causes a lone, autosomal dominant atrioventricular block. *Immunity and Ageing*, **2014**, 11, 19	9.7	5
121	Atrial fibrillation and microRNAs. *Frontiers in Physiology*, **2014**, 5, 15	4.6	100
120	mTOR regulates brain morphogenesis by mediating GSK3 signaling. *Development (Cambridge)*, **2014** , 141, 4076-86	6.6	74
119	Opposing roles of Akt and STAT3 in the protection of the maternal heart from peripartum stress. *Cardiovascular Research*, **2014**, 101, 587-96	9.9	55
118	Reduced aerobic capacity causes leaky ryanodine receptors that trigger arrhythmia in a rat strain artificially selected and bred for low aerobic running capacity. *Acta Physiologica*, **2014**, 210, 854-64	5.6	6
117	Myocardial fibrosis induced by exposure to subclinical lipopolysaccharide is associated with decreased miR-29c and enhanced NOX2 expression in mice. *PLoS ONE*, **2014**, 9, e107556	3.7	24
116	FABP3 as Biomarker of Heart Pathology **2014**, 1-13		
115	Long noncoding RNA: a new player of heart failure?. *Journal of Cardiovascular Translational Research*, **2013**, 6, 876-83	3.3	90
114	Adult c-kit(pos) cardiac stem cells are necessary and sufficient for functional cardiac regeneration and repair. *Cell*, **2013**, 154, 827-42	56.2	397
113	Routine assessment of on-clopidogrel platelet reactivity and gene polymorphisms in predicting clinical outcome following drug-eluting stent implantation in patients with stable coronary artery disease. *JACC: Cardiovascular Interventions*, **2013**, 6, 1166-75	5	38
112	Generation of human cardiomyocytes: a differentiation protocol from feeder-free human induced pluripotent stem cells. *Journal of Visualized Experiments*, **2013**,	1.6	10
111	The circulating level of FABP3 is an indirect biomarker of microRNA-1. *Journal of the American College of Cardiology*, **2013**, 61, 88-95	15.1	45

110	Assessment of the 9p21.3 locus in severity of coronary artery disease in the presence and absence of type 2 diabetes. *BMC Medical Genetics*, **2013**, 14, 11	2.1	21
109	Epigenetics: a new mechanism of regulation of heart failure?. *Basic Research in Cardiology*, **2013**, 108, 361	11.8	54
108	MicroRNA and Cardiovascular Disorders with a Focus on Angiogenesis **2013**, 479-497		1
107	Translating cardioprotection for patient benefit: position paper from the Working Group of Cellular Biology of the Heart of the European Society of Cardiology. *Cardiovascular Research*, **2013**, 98, 7-27	9.9	172
106	Doubly heterozygous LMNA and TTN mutations revealed by exome sequencing in a severe form of dilated cardiomyopathy. *European Journal of Human Genetics*, **2013**, 21, 1105-11	5.3	69
105	Akt regulates L-type Ca2+ channel activity by modulating Cav1 protein stability. *Journal of Cell Biology*, **2013**, 200, 851-851	7.3	78
104	Genome-wide analysis of histone marks identifying an epigenetic signature of promoters and enhancers underlying cardiac hypertrophy. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 20164-9	11.5	150
103	A collagen membrane-based engineered heart tissue improves cardiac function in ischemic rat hearts. *Bioinspired, Biomimetic and Nanobiomaterials*, **2013**, 2, 20-27	1.3	
102	Circulating microRNAs and aerobic fitness--the HUNT-Study. *PLoS ONE*, **2013**, 8, e57496	3.7	113
101	MicroRNA-1 downregulation increases connexin 43 displacement and induces ventricular tachyarrhythmias in rodent hypertrophic hearts. *PLoS ONE*, **2013**, 8, e70158	3.7	58
100	Induced pluripotent stem cell-derived cardiomyocytes in studies of inherited arrhythmias. *Journal of Clinical Investigation*, **2013**, 123, 84-91	15.9	53
99	MiR-133a regulates collagen 1A1: potential role of miR-133a in myocardial fibrosis in angiotensin II-dependent hypertension. *Journal of Cellular Physiology*, **2012**, 227, 850-6	7	143
98	Epigenetics in Cardiovascular Biology **2012**, 331-340		
97	Rheb is a critical regulator of autophagy during myocardial ischemia: pathophysiological implications in obesity and metabolic syndrome. *Circulation*, **2012**, 125, 1134-46	16.7	209
96	CaMK4 Gene Deletion Induces Hypertension. *Journal of the American Heart Association*, **2012**, 1, e001081	6	140
95	SOCS1 gene transfer accelerates the transition to heart failure through the inhibition of the gp130/JAK/STAT pathway. *Cardiovascular Research*, **2012**, 96, 381-90	9.9	35
94	microRNAs in hypertrophy and heart failure. *Experimental Biology and Medicine*, **2011**, 236, 125-31	3.7	37
93	MicroRNA-133 controls vascular smooth muscle cell phenotypic switch in vitro and vascular remodeling in vivo. *Circulation Research*, **2011**, 109, 880-93	15.7	239

92	Arterial remodeling and atherosclerosis: miRNAs involvement. *Vascular Pharmacology*, **2011**, 55, 106-10	5.9	37
91	MicroRNA-134 as a potential plasma biomarker for the diagnosis of acute pulmonary embolism. *Journal of Translational Medicine*, **2011**, 9, 159	8.5	76
90	Unexpectedly low mutation rates in beta-myosin heavy chain and cardiac myosin binding protein genes in Italian patients with hypertrophic cardiomyopathy. *Journal of Cellular Physiology*, **2011**, 226, 2894-900	7	12
89	Deregulation of microRNA-503 contributes to diabetes mellitus-induced impairment of endothelial function and reparative angiogenesis after limb ischemia. *Circulation*, **2011**, 123, 282-91	16.7	322
88	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
87	IkappaB kinase epsilon and TANK-binding kinase 1 activate AKT by direct phosphorylation. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 6474-9	11.5	168
86	Association study on long-living individuals from Southern Italy identifies rs10491334 in the CAMKIV gene that regulates survival proteins. *Rejuvenation Research*, **2011**, 14, 283-91	2.6	68
85	Stem cell therapy in heart diseases: a review of selected new perspectives, practical considerations and clinical applications. *Current Cardiology Reviews*, **2011**, 7, 201-12	2.4	35
84	MicroRNA-199b targets the nuclear kinase Dyrk1a in an auto-amplification loop promoting calcineurin/NFAT signalling. *Nature Cell Biology*, **2010**, 12, 1220-7	23.4	259
83	Epigenetics in heart failure. *Annals of the New York Academy of Sciences*, **2010**, 1188, 159-64	6.5	17
82	Immersion before dry simulated dive reduces cardiomyocyte function and increases mortality after decompression. *Journal of Applied Physiology*, **2010**, 109, 752-7	3.7	2
81	MicroRNA control of podosome formation in vascular smooth muscle cells in vivo and in vitro. *Journal of Cell Biology*, **2010**, 189, 13-22	7.3	173
80	Correlations between progression of coronary artery disease and circulating endothelial progenitor cells. *FASEB Journal*, **2010**, 24, 1981-8	0.9	70
79	microRNAs in heart disease: putative novel therapeutic targets?. *European Heart Journal*, **2010**, 31, 649-58	9.5	127
78	MicroRNA-133a protects against myocardial fibrosis and modulates electrical repolarization without affecting hypertrophy in pressure-overloaded adult hearts. *Circulation Research*, **2010**, 106, 166-75	15.7	312
77	Fatty acid percentage in erythrocyte membranes of atrial flutter/fibrillation patients and controls. *Journal of Interventional Cardiac Electrophysiology*, **2010**, 27, 95-9	2.4	29
76	Reliable resequencing of the human dystrophin locus by universal long polymerase chain reaction and massive pyrosequencing. *Analytical Biochemistry*, **2010**, 406, 176-84	3.1	15
75	MTORC1 regulates cardiac function and myocyte survival through 4E-BP1 inhibition in mice. *Journal of Clinical Investigation*, **2010**, 120, 2805-16	15.9	242

74	MicroRNAs and cardiac pathology. *Nature Reviews Cardiology*, **2009**, 6, 419-29	14.8	242
73	MicroRNAs in cardiovascular biology and heart disease. *Circulation: Cardiovascular Genetics*, **2009**, 2, 402-8		73
72	Reciprocal regulation of microRNA-1 and insulin-like growth factor-1 signal transduction cascade in cardiac and skeletal muscle in physiological and pathological conditions. *Circulation*, **2009**, 120, 2377-85	16.7	315
71	Interval training normalizes cardiomyocyte function, diastolic Ca2+ control, and SR Ca2+ release synchronicity in a mouse model of diabetic cardiomyopathy. *Circulation Research*, **2009**, 105, 527-36	15.7	149
70	Akt increases sarcoplasmic reticulum Ca2+ cycling by direct phosphorylation of phospholamban at Thr17. *Journal of Biological Chemistry*, **2009**, 284, 28180-28187	5.4	50
69	Cardiotoxic effects, or lack thereof, of anti-ErbB2 immunoagents. *FASEB Journal*, **2009**, 23, 3171-8	0.9	55
68	Akt regulates L-type Ca2+ channel activity by modulating Cavalpha1 protein stability. *Journal of Cell Biology*, **2009**, 184, 923-33	7.3	85
67	The knockout of miR-143 and -145 alters smooth muscle cell maintenance and vascular homeostasis in mice: correlates with human disease. *Cell Death and Differentiation*, **2009**, 16, 1590-8	12.7	436
66	RNA silencing: small RNA-mediated posttranscriptional regulation of mRNA and the implications for heart electropathophysiology. *Journal of Cardiovascular Electrophysiology*, **2009**, 20, 230-7	2.7	14
65	Association of the FOXO3A locus with extreme longevity in a southern Italian centenarian study. *Rejuvenation Research*, **2009**, 12, 95-104	2.6	240
64	Akt regulates L-type Ca2+channel activity by modulating Cav1 protein stability. *Journal of General Physiology*, **2009**, 133, i4-i4	3.4	0
63	Deciphering the beta-adrenergic response in human embryonic stem cell-derived-cardiac myocytes: closer to clinical use?. *British Journal of Pharmacology*, **2008**, 153, 625-6	8.6	1
62	Carbon monoxide levels experienced by heavy smokers impair aerobic capacity and cardiac contractility and induce pathological hypertrophy. *Inhalation Toxicology*, **2008**, 20, 635-46	2.7	19
61	On the road to the definition of the cardiac miRNome in human disease states. *Journal of Molecular and Cellular Cardiology*, **2008**, 45, 162-4	5.8	3
60	Heart failure: targeting transcriptional and post-transcriptional control mechanisms of hypertrophy for treatment. *International Journal of Biochemistry and Cell Biology*, **2008**, 40, 1643-8	5.6	24
59	MicroRNAs: components of an integrated system controlling cardiac development, physiology, and disease pathogenesis. *Cardiovascular Research*, **2008**, 79, 551-2	9.9	13
58	Inhibition of class I histone deacetylase with an apicidin derivative prevents cardiac hypertrophy and failure. *Cardiovascular Research*, **2008**, 80, 416-24	9.9	126
57	MicroRNA and cardiac pathologies. *Physiological Genomics*, **2008**, 34, 239-42	3.6	69

56	Myocardial sarcoplasmic reticulum Ca2+ ATPase function is increased by aerobic interval training. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2008**, 15, 145-8		49
55	Role of microRNAs in haemopoiesis, heart hypertrophy and cancer. *Biochemical Society Transactions* , **2008**, 36, 1206-10	5.1	8
54	Activation or inactivation of cardiac Akt/mTOR signaling diverges physiological from pathological hypertrophy. *Journal of Cellular Physiology*, **2008**, 214, 316-21	7	182
53	MicroRNAs control gene expression: importance for cardiac development and pathophysiology. *Annals of the New York Academy of Sciences*, **2008**, 1123, 20-9	6.5	43
52	Physiological myocardial hypertrophy: how and why?. *Frontiers in Bioscience - Landmark*, **2008**, 13, 312-24	2.8	71
51	MicroRNA-133 controls cardiac hypertrophy. *Nature Medicine*, **2007**, 13, 613-8	50.5	1472
50	Cardiac-specific overexpression of E40K active Akt prevents pressure overload-induced heart failure in mice by increasing angiogenesis and reducing apoptosis. *Cell Death and Differentiation*, **2007**, 14, 1060-2	12.7	34
49	Emerging role of microRNAs in cardiovascular biology. *Circulation Research*, **2007**, 101, 1225-36	15.7	238
48	Aerobic interval training enhances cardiomyocyte contractility and Ca2+ cycling by phosphorylation of CaMKII and Thr-17 of phospholamban. *Journal of Molecular and Cellular Cardiology*, **2007**, 43, 354-61	5.8	90
47	Relation of various plasma growth factor levels in patients with stable angina pectoris and total occlusion of a coronary artery to the degree of coronary collaterals. *American Journal of Cardiology*, **2006**, 97, 472-6	3	16
46	Sources of cardiomyocytes for stem cell therapy: an update. *Pediatric Research*, **2006**, 59, 79R-83R	3.2	5
45	Effects of Akt on cardiac myocytes: location counts. *Circulation Research*, **2006**, 99, 339-41	15.7	27
44	Human embryonic stem cell-derived cardiomyocytes: inducing strategies. *Regenerative Medicine*, **2006**, 1, 183-94	2.5	6
43	Direct intramyocardial percutaneous delivery of autologous bone marrow in patients with refractory myocardial angina. *American Heart Journal*, **2006**, 151, 674-80	4.9	69
42	Phosphorylation of regulatory proteins CaMK, PLN and AKT precedes cardiomyocyte adaptation to exercise training. *Journal of Molecular and Cellular Cardiology*, **2006**, 40, 1006	5.8	3
41	Stem cells for cardiomyocyte regeneration: state of the art. *Annals of the New York Academy of Sciences*, **2005**, 1047, 376-85	6.5	7
40	Nephrotoxicity of low-osmolality versus iso-osmolality contrast agents: impact of N-acetylcysteine. *Kidney International*, **2005**, 68, 2250-5	9.9	47
39	Akt mediates the cross-talk between beta-adrenergic and insulin receptors in neonatal cardiomyocytes. *Circulation Research*, **2005**, 96, 180-8	15.7	112

38	Transplantation of low dose CD34+KDR+ cells promotes vascular and muscular regeneration in ischemic limbs. *FASEB Journal*, **2004**, 18, 1737-9	0.9	116
37	Akt/protein kinase B and endothelial nitric oxide synthase mediate muscular neovascularization induced by tissue kallikrein gene transfer. *Circulation*, **2004**, 110, 1638-44	16.7	46
36	Heart infarct in NOD-SCID mice: therapeutic vasculogenesis by transplantation of human CD34+ cells and low dose CD34+KDR+ cells. *FASEB Journal*, **2004**, 18, 1392-4	0.9	101
35	AKT participates in endothelial dysfunction in hypertension. *Circulation*, **2004**, 109, 2587-93	16.7	73
34	Regulation of cell size and contractile function by AKT in cardiomyocytes. *Annals of the New York Academy of Sciences*, **2004**, 1015, 250-60	6.5	104
33	Molecular determinants of the physiological adaptation to stress in the cardiomyocyte: a focus on AKT. *Journal of Molecular and Cellular Cardiology*, **2004**, 37, 905-12	5.8	42
32	c-Myc Oncoprotein: Cell Cycle-Related Events and New Therapeutic Challenges in Cancer and Cardiovascular Diseases. *Cell Cycle*, **2003**, 2, 324-327	4.7	21
31	p300/cAMP-response-element-binding-protein (CREB)-binding protein (CBP) modulates co-operation between myocyte enhancer factor 2A (MEF2A) and thyroid hormone receptor-retinoid X receptor. *Biochemical Journal*, **2003**, 369, 477-84	3.8	31
30	Expansion of specific alphabeta+ T-cell subsets in the myocardium of patients with myocarditis and idiopathic dilated cardiomyopathy associated with Coxsackievirus B infection. *Human Immunology*, **2003**, 64, 194-210	2.3	16
29	Mechanism of enhanced cardiac function in mice with hypertrophy induced by overexpressed Akt. *Journal of Biological Chemistry*, **2003**, 278, 47622-8	5.4	90
28	ErbB2 is essential in the prevention of dilated cardiomyopathy. *Nature Medicine*, **2002**, 8, 459-65	50.5	690
27	TNF-alpha signal transduction in rat neonatal cardiac myocytes: definition of pathways generating from the TNF-alpha receptor. *FASEB Journal*, **2002**, 16, 1732-7	0.9	62
26	Akt induces enhanced myocardial contractility and cell size in vivo in transgenic mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 12333-8	11.5	399
25	Efficacy and age-related effects of nitric oxide-releasing aspirin on experimental restenosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 1689-94	11.5	69
24	Mutated p21/WAF/CIP transgene overexpression reduces smooth muscle cell proliferation, macrophage deposition, oxidation-sensitive mechanisms, and restenosis in hypercholesterolemic apolipoprotein E knockout mice. *FASEB Journal*, **2001**, 15, 2162-70	0.9	50
23	Critical role of the HMGI(Y) proteins in adipocytic cell growth and differentiation. *Molecular and Cellular Biology*, **2001**, 21, 2485-95	4.8	75
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1	Platelet expression and reactivity after BNT162b2 vaccine administration		2