

Gianluigi Condorelli

List of Publications by Citations

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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 | MicroRNA-133 controls cardiac hypertrophy. <i>Nature Medicine</i> , 2007 , 13, 613-8 | 50.5 | 1472 |
| 198 | Interaction of myogenic factors and the retinoblastoma protein mediates muscle cell commitment and differentiation. <i>Cell</i> , 1993 , 72, 309-24 | 56.2 | 693 |
| 197 | ErbB2 is essential in the prevention of dilated cardiomyopathy. <i>Nature Medicine</i> , 2002 , 8, 459-65 | 50.5 | 690 |
| 196 | The knockout of miR-143 and -145 alters smooth muscle cell maintenance and vascular homeostasis in mice: correlates with human disease. <i>Cell Death and Differentiation</i> , 2009 , 16, 1590-8 | 12.7 | 436 |
| 195 | Akt induces enhanced myocardial contractility and cell size in vivo in transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 12333-8 | 11.5 | 399 |
| 194 | Adult c-kit(pos) cardiac stem cells are necessary and sufficient for functional cardiac regeneration and repair. <i>Cell</i> , 2013 , 154, 827-42 | 56.2 | 397 |
| 193 | Deregulation of microRNA-503 contributes to diabetes mellitus-induced impairment of endothelial function and reparative angiogenesis after limb ischemia. <i>Circulation</i> , 2011 , 123, 282-91 | 16.7 | 322 |
| 192 | Reciprocal regulation of microRNA-1 and insulin-like growth factor-1 signal transduction cascade in cardiac and skeletal muscle in physiological and pathological conditions. <i>Circulation</i> , 2009 , 120, 2377-85 | 16.7 | 315 |
| 191 | MicroRNA-133a protects against myocardial fibrosis and modulates electrical repolarization without affecting hypertrophy in pressure-overloaded adult hearts. <i>Circulation Research</i> , 2010 , 106, 166-175 | 15.7 | 312 |
| 190 | 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 |
| 189 | MicroRNAs in cardiovascular disease: an introduction for clinicians. <i>Heart</i> , 2015 , 101, 921-8 | 5.1 | 293 |
| 188 | Long noncoding RNAs and microRNAs in cardiovascular pathophysiology. <i>Circulation Research</i> , 2015 , 116, 751-62 | 15.7 | 281 |
| 187 | Human p300 protein is a coactivator for the transcription factor MyoD. <i>Journal of Biological Chemistry</i> , 1996 , 271, 9009-13 | 5.4 | 277 |
| 186 | microRNAs in cardiovascular diseases: current knowledge and the road ahead. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2177-87 | 15.1 | 269 |
| 185 | MicroRNA-199b targets the nuclear kinase Dyrk1a in an auto-amplification loop promoting calcineurin/NFAT signalling. <i>Nature Cell Biology</i> , 2010 , 12, 1220-7 | 23.4 | 259 |
| 184 | Radial Versus Femoral Access for Coronary Interventions Across the Entire Spectrum of Patients With Coronary Artery Disease: A Meta-Analysis of Randomized Trials. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 1419-34 | 5 | 253 |
| 183 | Increased cardiomyocyte apoptosis and changes in proapoptotic and antiapoptotic genes bax and bcl-2 during left ventricular adaptations to chronic pressure overload in the rat. <i>Circulation</i> , 1999 , 99, 3071-8 | 16.7 | 247 |

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|-----|--|------|-----|
| 182 | MicroRNAs and cardiac pathology. <i>Nature Reviews Cardiology</i> , 2009 , 6, 419-29 | 14.8 | 242 |
| 181 | MTORC1 regulates cardiac function and myocyte survival through 4E-BP1 inhibition in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2805-16 | 15.9 | 242 |
| 180 | Association of the FOXO3A locus with extreme longevity in a southern Italian centenarian study. <i>Rejuvenation Research</i> , 2009 , 12, 95-104 | 2.6 | 240 |
| 179 | MicroRNA-133 controls vascular smooth muscle cell phenotypic switch in vitro and vascular remodeling in vivo. <i>Circulation Research</i> , 2011 , 109, 880-93 | 15.7 | 239 |
| 178 | Emerging role of microRNAs in cardiovascular biology. <i>Circulation Research</i> , 2007 , 101, 1225-36 | 15.7 | 238 |
| 177 | Circulating miR-29a, among other up-regulated microRNAs, is the only biomarker for both hypertrophy and fibrosis in patients with hypertrophic cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 920-7 | 15.1 | 211 |
| 176 | Rheb is a critical regulator of autophagy during myocardial ischemia: pathophysiological implications in obesity and metabolic syndrome. <i>Circulation</i> , 2012 , 125, 1134-46 | 16.7 | 209 |
| 175 | The Akt-glycogen synthase kinase 3beta pathway regulates transcription of atrial natriuretic factor induced by beta-adrenergic receptor stimulation in cardiac myocytes. <i>Journal of Biological Chemistry</i> , 2000 , 275, 14466-75 | 5.4 | 207 |
| 174 | Inhibition of cellular ras prevents smooth muscle cell proliferation after vascular injury in vivo. <i>Nature Medicine</i> , 1995 , 1, 541-5 | 50.5 | 206 |
| 173 | Calcineurin-mediated hypertrophy protects cardiomyocytes from apoptosis in vitro and in vivo: An apoptosis-independent model of dilated heart failure. <i>Circulation Research</i> , 2000 , 86, 255-63 | 15.7 | 193 |
| 172 | Activation or inactivation of cardiac Akt/mTOR signaling diverges physiological from pathological hypertrophy. <i>Journal of Cellular Physiology</i> , 2008 , 214, 316-21 | 7 | 182 |
| 171 | Activation of cAMP-PKA signaling in vivo inhibits smooth muscle cell proliferation induced by vascular injury. <i>Nature Medicine</i> , 1997 , 3, 775-9 | 50.5 | 176 |
| 170 | MicroRNA control of podosome formation in vascular smooth muscle cells in vivo and in vitro. <i>Journal of Cell Biology</i> , 2010 , 189, 13-22 | 7.3 | 173 |
| 169 | Translating cardioprotection for patient benefit: position paper from the Working Group of Cellular Biology of the Heart of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2013 , 98, 7-27 | 9.9 | 172 |
| 168 | IkappaB kinase epsilon and TANK-binding kinase 1 activate AKT by direct phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6474-9 | 11.5 | 168 |
| 167 | Genome-wide analysis of histone marks identifying an epigenetic signature of promoters and enhancers underlying cardiac hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 20164-9 | 11.5 | 150 |
| 166 | Interval training normalizes cardiomyocyte function, diastolic Ca ²⁺ control, and SR Ca ²⁺ release synchronicity in a mouse model of diabetic cardiomyopathy. <i>Circulation Research</i> , 2009 , 105, 527-36 | 15.7 | 149 |
| 165 | TGFβ Triggers miR-143/145 Transfer From Smooth Muscle Cells to Endothelial Cells, Thereby Modulating Vessel Stabilization. <i>Circulation Research</i> , 2015 , 116, 1753-64 | 15.7 | 143 |

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| 164 | MiR-133a regulates collagen 1A1: potential role of miR-133a in myocardial fibrosis in angiotensin II-dependent hypertension. <i>Journal of Cellular Physiology</i> , 2012 , 227, 850-6 | 7 | 143 |
| 163 | CaMK4 Gene Deletion Induces Hypertension. <i>Journal of the American Heart Association</i> , 2012 , 1, e0010816 | 16 | 140 |
| 162 | microRNAs in heart disease: putative novel therapeutic targets?. <i>European Heart Journal</i> , 2010 , 31, 649-585 | 585 | 127 |
| 161 | Inhibition of class I histone deacetylase with an apicidin derivative prevents cardiac hypertrophy and failure. <i>Cardiovascular Research</i> , 2008 , 80, 416-24 | 9.9 | 126 |
| 160 | Transplantation of low dose CD34+KDR+ cells promotes vascular and muscular regeneration in ischemic limbs. <i>FASEB Journal</i> , 2004 , 18, 1737-9 | 0.9 | 116 |
| 159 | Blood levels of erythropoietin in congestive heart failure and correlation with clinical, hemodynamic, and hormonal profiles. <i>American Journal of Cardiology</i> , 1994 , 74, 468-73 | 3 | 114 |
| 158 | Circulating microRNAs and aerobic fitness--the HUNT-Study. <i>PLoS ONE</i> , 2013 , 8, e57496 | 3.7 | 113 |
| 157 | Akt mediates the cross-talk between beta-adrenergic and insulin receptors in neonatal cardiomyocytes. <i>Circulation Research</i> , 2005 , 96, 180-8 | 15.7 | 112 |
| 156 | ESC working group cellular biology of the heart: position paper: improving the preclinical assessment of novel cardioprotective therapies. <i>Cardiovascular Research</i> , 2014 , 104, 399-411 | 9.9 | 108 |
| 155 | Regulation of cell size and contractile function by AKT in cardiomyocytes. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1015, 250-60 | 6.5 | 104 |
| 154 | Circ_Lrp6, a Circular RNA Enriched in Vascular Smooth Muscle Cells, Acts as a Sponge Regulating miRNA-145 Function. <i>Circulation Research</i> , 2019 , 124, 498-510 | 15.7 | 104 |
| 153 | Heart infarct in NOD-SCID mice: therapeutic vasculogenesis by transplantation of human CD34+ cells and low dose CD34+KDR+ cells. <i>FASEB Journal</i> , 2004 , 18, 1392-4 | 0.9 | 101 |
| 152 | Atrial fibrillation and microRNAs. <i>Frontiers in Physiology</i> , 2014 , 5, 15 | 4.6 | 100 |
| 151 | Inhalation of peptide-loaded nanoparticles improves heart failure. <i>Science Translational Medicine</i> , 2018 , 10, | 17.5 | 97 |
| 150 | DNA hydroxymethylation controls cardiomyocyte gene expression in development and hypertrophy. <i>Nature Communications</i> , 2016 , 7, 12418 | 17.4 | 97 |
| 149 | MicroRNA-133 modulates the β -adrenergic receptor transduction cascade. <i>Circulation Research</i> , 2014 , 115, 273-83 | 15.7 | 97 |
| 148 | T cell costimulation blockade blunts pressure overload-induced heart failure. <i>Nature Communications</i> , 2017 , 8, 14680 | 17.4 | 94 |
| 147 | Single-Cell Sequencing of Mouse Heart Immune Infiltrate in Pressure Overload-Driven Heart Failure Reveals Extent of Immune Activation. <i>Circulation</i> , 2019 , 140, 2089-2107 | 16.7 | 93 |

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|-----|--|------|----|
| 146 | Long noncoding RNA: a new player of heart failure?. <i>Journal of Cardiovascular Translational Research</i> , 2013 , 6, 876-83 | 3.3 | 90 |
| 145 | Aerobic interval training enhances cardiomyocyte contractility and Ca ²⁺ cycling by phosphorylation of CaMKII and Thr-17 of phospholamban. <i>Journal of Molecular and Cellular Cardiology</i> , 2007 , 43, 354-61 | 5.8 | 90 |
| 144 | Mechanism of enhanced cardiac function in mice with hypertrophy induced by overexpressed Akt. <i>Journal of Biological Chemistry</i> , 2003 , 278, 47622-8 | 5.4 | 90 |
| 143 | Epigenetic modifications and noncoding RNAs in cardiac hypertrophy and failure. <i>Nature Reviews Cardiology</i> , 2015 , 12, 488-97 | 14.8 | 89 |
| 142 | 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. <i>Cardiovascular Research</i> , 2017 , 113, 725-736 | 9.9 | 85 |
| 141 | Akt regulates L-type Ca ²⁺ channel activity by modulating Cav α 1 protein stability. <i>Journal of Cell Biology</i> , 2009 , 184, 923-33 | 7.3 | 85 |
| 140 | Akt regulates L-type Ca ²⁺ channel activity by modulating Cav β protein stability. <i>Journal of Cell Biology</i> , 2013 , 200, 851-851 | 7.3 | 78 |
| 139 | MiR-143/145 deficiency attenuates the progression of atherosclerosis in Ldlr ^{-/-} mice. <i>Thrombosis and Haemostasis</i> , 2014 , 112, 796-802 | 7 | 77 |
| 138 | MicroRNA-134 as a potential plasma biomarker for the diagnosis of acute pulmonary embolism. <i>Journal of Translational Medicine</i> , 2011 , 9, 159 | 8.5 | 76 |
| 137 | Critical role of the HMGI(Y) proteins in adipocytic cell growth and differentiation. <i>Molecular and Cellular Biology</i> , 2001 , 21, 2485-95 | 4.8 | 75 |
| 136 | The B subunit of the CAAT-binding factor NFY binds the central segment of the Co-activator p300. <i>Journal of Biological Chemistry</i> , 1999 , 274, 7623-6 | 5.4 | 75 |
| 135 | mTOR regulates brain morphogenesis by mediating GSK3 signaling. <i>Development (Cambridge)</i> , 2014 , 141, 4076-86 | 6.6 | 74 |
| 134 | MicroRNAs in cardiovascular biology and heart disease. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 402-8 | | 73 |
| 133 | AKT participates in endothelial dysfunction in hypertension. <i>Circulation</i> , 2004 , 109, 2587-93 | 16.7 | 73 |
| 132 | Physiological myocardial hypertrophy: how and why?. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 312-24 | 4.8 | 71 |
| 131 | Correlations between progression of coronary artery disease and circulating endothelial progenitor cells. <i>FASEB Journal</i> , 2010 , 24, 1981-8 | 0.9 | 70 |
| 130 | Doubly heterozygous LMNA and TTN mutations revealed by exome sequencing in a severe form of dilated cardiomyopathy. <i>European Journal of Human Genetics</i> , 2013 , 21, 1105-11 | 5.3 | 69 |
| 129 | MicroRNA and cardiac pathologies. <i>Physiological Genomics</i> , 2008 , 34, 239-42 | 3.6 | 69 |

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| 128 | Direct intramyocardial percutaneous delivery of autologous bone marrow in patients with refractory myocardial angina. <i>American Heart Journal</i> , 2006 , 151, 674-80 | 4.9 | 69 |
| 127 | Efficacy and age-related effects of nitric oxide-releasing aspirin on experimental restenosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 1689-94 | 11.5 | 69 |
| 126 | Association study on long-living individuals from Southern Italy identifies rs10491334 in the CAMKIV gene that regulates survival proteins. <i>Rejuvenation Research</i> , 2011 , 14, 283-91 | 2.6 | 68 |
| 125 | Cardiac function in systemic hypertension before and after reversal of left ventricular hypertrophy. <i>American Journal of Cardiology</i> , 1988 , 62, 745-50 | 3 | 66 |
| 124 | TNF-alpha signal transduction in rat neonatal cardiac myocytes: definition of pathways generating from the TNF-alpha receptor. <i>FASEB Journal</i> , 2002 , 16, 1732-7 | 0.9 | 62 |
| 123 | Adenoviral RB2/p130 gene transfer inhibits smooth muscle cell proliferation and prevents restenosis after angioplasty. <i>Circulation Research</i> , 1999 , 85, 1032-9 | 15.7 | 59 |
| 122 | MicroRNA-1 downregulation increases connexin 43 displacement and induces ventricular tachyarrhythmias in rodent hypertrophic hearts. <i>PLoS ONE</i> , 2013 , 8, e70158 | 3.7 | 58 |
| 121 | Novel therapeutic strategies for cardioprotection. <i>Pharmacology & Therapeutics</i> , 2014 , 144, 60-70 | 13.9 | 57 |
| 120 | Opposing roles of Akt and STAT3 in the protection of the maternal heart from peripartum stress. <i>Cardiovascular Research</i> , 2014 , 101, 587-96 | 9.9 | 55 |
| 119 | Cardiotoxic effects, or lack thereof, of anti-ErbB2 immunoagents. <i>FASEB Journal</i> , 2009 , 23, 3171-8 | 0.9 | 55 |
| 118 | Epigenetics: a new mechanism of regulation of heart failure?. <i>Basic Research in Cardiology</i> , 2013 , 108, 361 | 11.8 | 54 |
| 117 | A pentamer transcriptional complex including tal-1 and retinoblastoma protein downmodulates c-kit expression in normal erythroblasts. <i>Molecular and Cellular Biology</i> , 2000 , 20, 5330-42 | 4.8 | 54 |
| 116 | Evidence for oxidative activation of c-Myc-dependent nuclear signaling in human coronary smooth muscle cells and in early lesions of Watanabe heritable hyperlipidemic rabbits: protective effects of vitamin E. <i>Circulation</i> , 2000 , 102, 2111-7 | 16.7 | 53 |
| 115 | Induced pluripotent stem cell-derived cardiomyocytes in studies of inherited arrhythmias. <i>Journal of Clinical Investigation</i> , 2013 , 123, 84-91 | 15.9 | 53 |
| 114 | Akt increases sarcoplasmic reticulum Ca ²⁺ cycling by direct phosphorylation of phospholamban at Thr17. <i>Journal of Biological Chemistry</i> , 2009 , 284, 28180-28187 | 5.4 | 50 |
| 113 | Mutated p21/WAF/CIP transgene overexpression reduces smooth muscle cell proliferation, macrophage deposition, oxidation-sensitive mechanisms, and restenosis in hypercholesterolemic apolipoprotein E knockout mice. <i>FASEB Journal</i> , 2001 , 15, 2162-70 | 0.9 | 50 |
| 112 | Myocardial sarcoplasmic reticulum Ca ²⁺ ATPase function is increased by aerobic interval training. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008 , 15, 145-8 | | 49 |
| 111 | Histone Methyltransferase G9a Is Required for Cardiomyocyte Homeostasis and Hypertrophy. <i>Circulation</i> , 2017 , 136, 1233-1246 | 16.7 | 47 |

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|-----|--|------|----|
| 110 | Nephrotoxicity of low-osmolality versus iso-osmolality contrast agents: impact of N-acetylcysteine. <i>Kidney International</i> , 2005 , 68, 2250-5 | 9.9 | 47 |
| 109 | Monotherapy with a P2Y inhibitor or aspirin for secondary prevention in patients with established atherosclerosis: a systematic review and meta-analysis. <i>Lancet, The</i> , 2020 , 395, 1487-1495 | 40 | 46 |
| 108 | Akt/protein kinase B and endothelial nitric oxide synthase mediate muscular neovascularization induced by tissue kallikrein gene transfer. <i>Circulation</i> , 2004 , 110, 1638-44 | 16.7 | 46 |
| 107 | The circulating level of FABP3 is an indirect biomarker of microRNA-1. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 88-95 | 15.1 | 45 |
| 106 | UHRF1 epigenetically orchestrates smooth muscle cell plasticity in arterial disease. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2473-2486 | 15.9 | 44 |
| 105 | MicroRNAs control gene expression: importance for cardiac development and pathophysiology. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1123, 20-9 | 6.5 | 43 |
| 104 | Molecular determinants of the physiological adaptation to stress in the cardiomyocyte: a focus on AKT. <i>Journal of Molecular and Cellular Cardiology</i> , 2004 , 37, 905-12 | 5.8 | 42 |
| 103 | SARS-CoV-2 infection is associated with a pro-thrombotic platelet phenotype. <i>Cell Death and Disease</i> , 2021 , 12, 50 | 9.8 | 41 |
| 102 | The K219T-Lamin mutation induces conduction defects through epigenetic inhibition of SCN5A in human cardiac laminopathy. <i>Nature Communications</i> , 2019 , 10, 2267 | 17.4 | 40 |
| 101 | miR-128-3p Is a Novel Regulator of Vascular Smooth Muscle Cell Phenotypic Switch and Vascular Diseases. <i>Circulation Research</i> , 2020 , 126, e120-e135 | 15.7 | 38 |
| 100 | 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. <i>JACC: Cardiovascular Interventions</i> , 2013 , 6, 1166-75 | 5 | 38 |
| 99 | Adeno-associated virus-mediated CASQ2 delivery rescues phenotypic alterations in a patient-specific model of recessive catecholaminergic polymorphic ventricular tachycardia. <i>Cell Death and Disease</i> , 2016 , 7, e2393 | 9.8 | 37 |
| 98 | microRNAs in hypertrophy and heart failure. <i>Experimental Biology and Medicine</i> , 2011 , 236, 125-31 | 3.7 | 37 |
| 97 | Arterial remodeling and atherosclerosis: miRNAs involvement. <i>Vascular Pharmacology</i> , 2011 , 55, 106-10 | 5.9 | 37 |
| 96 | SOCS1 gene transfer accelerates the transition to heart failure through the inhibition of the gp130/JAK/STAT pathway. <i>Cardiovascular Research</i> , 2012 , 96, 381-90 | 9.9 | 35 |
| 95 | Stem cell therapy in heart diseases: a review of selected new perspectives, practical considerations and clinical applications. <i>Current Cardiology Reviews</i> , 2011 , 7, 201-12 | 2.4 | 35 |
| 94 | Cardiac-specific overexpression of E40K active Akt prevents pressure overload-induced heart failure in mice by increasing angiogenesis and reducing apoptosis. <i>Cell Death and Differentiation</i> , 2007 , 14, 1060-2 | 12.7 | 34 |
| 93 | 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. <i>Biochemical Journal</i> , 2003 , 369, 477-84 | 3.8 | 31 |

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|----|--|------|----|
| 92 | Direct Oral Anticoagulants in Addition to Antiplatelet Therapy for Secondary Prevention After Acute Coronary Syndromes: A Systematic Review and Meta-analysis. <i>JAMA Cardiology</i> , 2018 , 3, 234-241 | 16.2 | 30 |
| 91 | Growth hormone-releasing hormone attenuates cardiac hypertrophy and improves heart function in pressure overload-induced heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12033-12038 | 11.5 | 29 |
| 90 | Fatty acid percentage in erythrocyte membranes of atrial flutter/fibrillation patients and controls. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2010 , 27, 95-9 | 2.4 | 29 |
| 89 | RNA (Epi)genetics in cardiovascular diseases. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 89, 11-65.8 | | 28 |
| 88 | Peptidomimetic Targeting of Cav β Overcomes Dysregulation of the L-Type Calcium Channel Density and Recovers Cardiac Function. <i>Circulation</i> , 2016 , 134, 534-46 | 16.7 | 28 |
| 87 | Risk factors for myocardial injury and death in patients with COVID-19: insights from a cohort study with chest computed tomography. <i>Cardiovascular Research</i> , 2020 , 116, 2239-2246 | 9.9 | 27 |
| 86 | 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 |
| 85 | Effects of Akt on cardiac myocytes: location counts. <i>Circulation Research</i> , 2006 , 99, 339-41 | 15.7 | 27 |
| 84 | Heart failure: targeting transcriptional and post-transcriptional control mechanisms of hypertrophy for treatment. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 1643-8 | 5.6 | 24 |
| 83 | Generation of site-directed mutagenesis by extralong, high-fidelity polymerase chain reaction. <i>Analytical Biochemistry</i> , 1996 , 233, 142-4 | 3.1 | 24 |
| 82 | Myocardial fibrosis induced by exposure to subclinical lipopolysaccharide is associated with decreased miR-29c and enhanced NOX2 expression in mice. <i>PLoS ONE</i> , 2014 , 9, e107556 | 3.7 | 24 |
| 81 | miR-143/145 differentially regulate hematopoietic stem and progenitor activity through suppression of canonical TGF β signaling. <i>Nature Communications</i> , 2018 , 9, 2418 | 17.4 | 22 |
| 80 | Assessment of the 9p21.3 locus in severity of coronary artery disease in the presence and absence of type 2 diabetes. <i>BMC Medical Genetics</i> , 2013 , 14, 11 | 2.1 | 21 |
| 79 | c-Myc Oncoprotein: Cell Cycle-Related Events and New Therapeutic Challenges in Cancer and Cardiovascular Diseases. <i>Cell Cycle</i> , 2003 , 2, 324-327 | 4.7 | 21 |
| 78 | Electroactive polyurethane/siloxane derived from castor oil as a versatile cardiac patch, part I: Synthesis, characterization, and myoblast proliferation and differentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 775-787 | 5.4 | 21 |
| 77 | Human cardiomyocyte calcium handling and transverse tubules in mid-stage of post-myocardial-infarction heart failure. <i>ESC Heart Failure</i> , 2018 , 5, 332-342 | 3.7 | 20 |
| 76 | TET2 and CSMD1 genes affect SBP response to hydrochlorothiazide in never-treated essential hypertensives. <i>Journal of Hypertension</i> , 2015 , 33, 1301-9 | 1.9 | 20 |
| 75 | Scavenger receptors and non-coding RNAs: relevance in atherogenesis. <i>Cardiovascular Research</i> , 2016 , 109, 24-33 | 9.9 | 19 |

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|----|--|-----|----|
| 74 | Impact of Selection Bias on Estimation of Subsequent Event Risk. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10, | | 19 |
| 73 | Synergistic role of E1A-binding proteins and tissue-specific transcription factors in differentiation. <i>Journal of Cellular Biochemistry</i> , 1997 , 67, 423-31 | 4.7 | 19 |
| 72 | Carbon monoxide levels experienced by heavy smokers impair aerobic capacity and cardiac contractility and induce pathological hypertrophy. <i>Inhalation Toxicology</i> , 2008 , 20, 635-46 | 2.7 | 19 |
| 71 | The long noncoding RNA landscape in cardiovascular disease: a brief update. <i>Current Opinion in Cardiology</i> , 2018 , 33, 282-289 | 2.1 | 18 |
| 70 | Therapeutic applications of noncoding RNAs. <i>Current Opinion in Cardiology</i> , 2015 , 30, 213-21 | 2.1 | 18 |
| 69 | Epigenetics in heart failure. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1188, 159-64 | 6.5 | 17 |
| 68 | Electroactive polyurethane/siloxane derived from castor oil as a versatile cardiac patch, part II: HL-1 cytocompatibility and electrical characterizations. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 1398-407 | 5.4 | 16 |
| 67 | 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. <i>American Journal of Cardiology</i> , 2006 , 97, 472-6 | 3 | 16 |
| 66 | Expansion of specific alphabeta+ T-cell subsets in the myocardium of patients with myocarditis and idiopathic dilated cardiomyopathy associated with Coxsackievirus B infection. <i>Human Immunology</i> , 2003 , 64, 194-210 | 2.3 | 16 |
| 65 | Characterization of caveolae from rat heart: Localization of postreceptor signal transduction molecules and their rearrangement after norepinephrine stimulation 2000 , 77, 529-539 | | 16 |
| 64 | Unilineage hematopoietic differentiation in bulk and single cell culture. <i>Stem Cells</i> , 1998 , 16 Suppl 1, 51-73 | 5.8 | 15 |
| 63 | Reliable resequencing of the human dystrophin locus by universal long polymerase chain reaction and massive pyrosequencing. <i>Analytical Biochemistry</i> , 2010 , 406, 176-84 | 3.1 | 15 |
| 62 | Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002471 | 5.2 | 14 |
| 61 | RNA silencing: small RNA-mediated posttranscriptional regulation of mRNA and the implications for heart electrophysiology. <i>Journal of Cardiovascular Electrophysiology</i> , 2009 , 20, 230-7 | 2.7 | 14 |
| 60 | Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002470 | 5.2 | 13 |
| 59 | Fas-induced changes in cdc2 and cdk2 kinase activity are not sufficient for triggering apoptosis in HUT-78 cells. <i>Journal of Cellular Biochemistry</i> , 1997 , 64, 579-585 | 4.7 | 13 |
| 58 | MicroRNAs: components of an integrated system controlling cardiac development, physiology, and disease pathogenesis. <i>Cardiovascular Research</i> , 2008 , 79, 551-2 | 9.9 | 13 |
| 57 | The involvement of epigenetics in vascular disease development. <i>International Journal of Biochemistry and Cell Biology</i> , 2019 , 107, 27-31 | 5.6 | 13 |

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|----|---|-------|----|
| 56 | Unexpectedly low mutation rates in beta-myosin heavy chain and cardiac myosin binding protein genes in Italian patients with hypertrophic cardiomyopathy. <i>Journal of Cellular Physiology</i> , 2011 , 226, 2894-900 | 7 | 12 |
| 55 | Risk of hospitalization for heart failure in rheumatoid arthritis patients treated with etanercept and abatacept. <i>Rheumatology International</i> , 2019 , 39, 239-243 | 3.6 | 12 |
| 54 | Role of the Epigenome in Heart Failure. <i>Physiological Reviews</i> , 2020 , 100, 1753-1777 | 47.9 | 10 |
| 53 | Generation of human cardiomyocytes: a differentiation protocol from feeder-free human induced pluripotent stem cells. <i>Journal of Visualized Experiments</i> , 2013 , | 1.6 | 10 |
| 52 | Myocardial hypoxic stress mediates functional cardiac extracellular vesicle release. <i>European Heart Journal</i> , 2021 , 42, 2780-2792 | 9.5 | 9 |
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