

Maurizio C Capogrossi

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.

209
papers

12,648
citations

60
h-index

104
g-index

216
ext. papers

13,604
ext. citations

7.2
avg, IF

5.74
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 209 | Extracellular Nucleophosmin Is Increased in Psoriasis and Correlates With the Determinants of Cardiovascular Diseases.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 867813 | 5.4 | 1 |
| 208 | Doxorubicin induces an alarmin-like TLR4-dependent autocrine/paracrine action of Nucleophosmin in human cardiac mesenchymal progenitor cells. <i>BMC Biology</i> , 2021 , 19, 124 | 7.3 | 3 |
| 207 | MITO-Luc/GFP zebrafish model to assess spatial and temporal evolution of cell proliferation in vivo. <i>Scientific Reports</i> , 2021 , 11, 671 | 4.9 | 2 |
| 206 | Molecular therapies delaying cardiovascular aging: disease- or health-oriented approaches. <i>Vascular Biology (Bristol, England)</i> , 2020 , 2, R45-R58 | 2.9 | 2 |
| 205 | Aging, MicroRNAs, and Heart Failure. <i>Current Problems in Cardiology</i> , 2020 , 45, 100406 | 17.1 | 8 |
| 204 | High-dose intramyocardial HMGB1 induces long-term cardioprotection in sheep with myocardial infarction. <i>Drug Delivery and Translational Research</i> , 2019 , 9, 935-944 | 6.2 | 6 |
| 203 | The Janus face of HMGB1 in heart disease: a necessary update. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 211-229 | 10.3 | 57 |
| 202 | miR-34a Promotes Vascular Smooth Muscle Cell Calcification by Downregulating SIRT1 (Sirtuin 1) and Axl (AXL Receptor Tyrosine Kinase). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2079-2090 ⁶⁰ | 9.4 | 60 |
| 201 | Role of psoriasis on subclinical cardiovascular disease. <i>Minerva Medica</i> , 2018 , 109, 255-258 | 2.2 | 3 |
| 200 | Atherosclerotic plaque instability in carotid arteries: miR-200c as a promising biomarker. <i>Clinical Science</i> , 2018 , 132, 2423-2436 | 6.5 | 32 |
| 199 | Role of miR-200c in Myogenic Differentiation Impairment via p66Shc: Implication in Skeletal Muscle Regeneration of Dystrophic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4814696 | 6.7 | 11 |
| 198 | The Emerging Role of miR-200 Family in Cardiovascular Diseases. <i>Circulation Research</i> , 2017 , 120, 1399-1407 | 14.7 | 31 |
| 197 | Identification of miR-31-5p, miR-141-3p, miR-200c-3p, and GLT1 as human liver aging markers sensitive to donor-recipient age-mismatch in transplants. <i>Aging Cell</i> , 2017 , 16, 262-272 | 9.9 | 36 |
| 196 | Doxorubicin upregulates CXCR4 via miR-200c/ZEB1-dependent mechanism in human cardiac mesenchymal progenitor cells. <i>Cell Death and Disease</i> , 2017 , 8, e3020 | 9.8 | 27 |
| 195 | Non-oxidizable HMGB1 induces cardiac fibroblasts migration via CXCR4 in a CXCL12-independent manner and worsens tissue remodeling after myocardial infarction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2693-2704 | 6.9 | 20 |
| 194 | The double life of cardiac mesenchymal cells: Epimetabolic sensors and therapeutic assets for heart regeneration. <i>Pharmacology & Therapeutics</i> , 2017 , 171, 43-55 | 13.9 | 9 |
| 193 | The laminaA/NF-Y protein complex reveals an unknown transcriptional mechanism on cell proliferation. <i>Oncotarget</i> , 2017 , 8, 2628-2646 | 3.3 | 5 |

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| 192 | Power Is Nothing Without Control: The Enduring Search for the Best Cell in Cardiac Cell Therapy at a Crossroads. <i>Circulation Research</i> , 2016 , 119, 988-991 | 15.7 | 5 |
| 191 | Cyclophilin A modulates bone marrow-derived CD117(+) cells and enhances ischemia-induced angiogenesis via the SDF-1/CXCR4 axis. <i>International Journal of Cardiology</i> , 2016 , 212, 324-35 | 3.2 | 19 |
| 190 | Methylation profiling by bisulfite sequencing analysis of the mtDNA Non-Coding Region in replicative and senescent Endothelial Cells. <i>Mitochondrion</i> , 2016 , 27, 40-7 | 4.9 | 37 |
| 189 | Oxidative stress, microRNAs and cytosolic calcium homeostasis. <i>Cell Calcium</i> , 2016 , 60, 207-17 | 4 | 33 |
| 188 | c-kit(+) cells: the tell-tale heart of cardiac regeneration?. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 1725-40 | 10.3 | 19 |
| 187 | Chromatin methylation and cardiovascular aging. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 83, 21-31 | 5.8 | 16 |
| 186 | MicroRNAs in Cardiac Regeneration 2015 , 917-942 | | 1 |
| 185 | Exosomal clusterin, identified in the pericardial fluid, improves myocardial performance following MI through epicardial activation, enhanced arteriogenesis and reduced apoptosis. <i>International Journal of Cardiology</i> , 2015 , 197, 333-47 | 3.2 | 55 |
| 184 | Generation of cardiac progenitor cells through epicardial to mesenchymal transition. <i>Journal of Molecular Medicine</i> , 2015 , 93, 735-48 | 5.5 | 17 |
| 183 | Granulocyte-colony stimulating factor for large anterior ST-elevation myocardial infarction: rationale and design of the prospective randomized phase III STEM-AMI OUTCOME trial. <i>American Heart Journal</i> , 2015 , 170, 652-658.e7 | 4.9 | 9 |
| 182 | Acetylation mediates Cx43 reduction caused by electrical stimulation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 87, 54-64 | 5.8 | 13 |
| 181 | Characterization of the Pall Celeris system as a point-of-care device for therapeutic angiogenesis. <i>Cytotherapy</i> , 2015 , 17, 1302-13 | 4.8 | 18 |
| 180 | The mitochondrial lncRNA ASncmtRNA-2 is induced in aging and replicative senescence in Endothelial Cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 81, 62-70 | 5.8 | 103 |
| 179 | microRNAs: Promising Biomarkers and Therapeutic Targets of Acute Myocardial Ischemia. <i>Current Vascular Pharmacology</i> , 2015 , 13, 305-15 | 3.3 | 18 |
| 178 | The mitochondrial genome in aging and senescence. <i>Ageing Research Reviews</i> , 2014 , 18, 1-15 | 12 | 48 |
| 177 | Admission levels of circulating miR-499-5p and risk of death in elderly patients after acute non-ST elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2014 , 172, e276-8 | 3.2 | 41 |
| 176 | Doxorubicin and trastuzumab regimen induces biventricular failure in mice. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 568-79 | 5.8 | 49 |
| 175 | The histone acetylase activator pentadecylidenemalonate 1b rescues proliferation and differentiation in the human cardiac mesenchymal cells of type 2 diabetic patients. <i>Diabetes</i> , 2014 , 63, 2132-47 | 0.9 | 57 |

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| 174 | Syngeneic cardiac and bone marrow stromal cells display tissue-specific microRNA signatures and microRNA subsets restricted to diverse differentiation processes. <i>PLoS ONE</i> , 2014 , 9, e107269 | 3.7 | 6 |
| 173 | Nitric oxide, oxidative stress, and p66Shc interplay in diabetic endothelial dysfunction. <i>BioMed Research International</i> , 2014 , 2014, 193095 | 3 | 57 |
| 172 | G-CSF treatment for STEMI: final 3-year follow-up of the randomised placebo-controlled STEM-AMI trial. <i>Heart</i> , 2014 , 100, 574-81 | 5.1 | 14 |
| 171 | Transcriptional control of skin reepithelialization. <i>Journal of Dermatological Science</i> , 2014 , 73, 3-9 | 4.3 | 24 |
| 170 | Identification of Kita (c-Kit) positive cells in the heart of adult zebrafish. <i>International Journal of Cardiology</i> , 2014 , 175, 204-5 | 3.2 | 3 |
| 169 | Hypoxia-induced miR-210 modulates tissue response to acute peripheral ischemia. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 1177-88 | 8.4 | 42 |
| 168 | Circulating microRNAs (miRs) for diagnosing acute myocardial infarction: an exciting challenge. <i>International Journal of Cardiology</i> , 2013 , 167, 3028-9 | 3.2 | 17 |
| 167 | Diagnostic potential of circulating miR-499-5p in elderly patients with acute non ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2013 , 167, 531-6 | 3.2 | 179 |
| 166 | When Stemness Meets Engineering: Towards Niche Control of Stem Cell Functions for Enhanced Cardiovascular Regeneration 2013 , 457-473 | | |
| 165 | Ex vivo acidic preconditioning enhances bone marrow ckit+ cell therapeutic potential via increased CXCR4 expression. <i>European Heart Journal</i> , 2013 , 34, 2007-16 | 9.5 | 12 |
| 164 | Transcriptional profiling of HMGB1-induced myocardial repair identifies a key role for Notch signaling. <i>Molecular Therapy</i> , 2013 , 21, 1841-51 | 11.7 | 21 |
| 163 | Growth induction and low-oxygen apoptosis inhibition of human CD34+ progenitors in collagen gels. <i>BioMed Research International</i> , 2013 , 2013, 542810 | 3 | 2 |
| 162 | Detrimental effect of class-selective histone deacetylase inhibitors during tissue regeneration following hindlimb ischemia. <i>Journal of Biological Chemistry</i> , 2013 , 288, 22915-29 | 5.4 | 26 |
| 161 | A nitric oxide-dependent cross-talk between class I and III histone deacetylases accelerates skin repair. <i>Journal of Biological Chemistry</i> , 2013 , 288, 11004-12 | 5.4 | 58 |
| 160 | Enhancement of lysine acetylation accelerates wound repair. <i>Communicative and Integrative Biology</i> , 2013 , 6, e25466 | 1.7 | 29 |
| 159 | Hypoxia/reoxygenation cardiac injury and regeneration in zebrafish adult heart. <i>PLoS ONE</i> , 2013 , 8, e53748 | 3.8 | 57 |
| 158 | Estrogen-dependent dynamic profile of eNOS-DNA associations in prostate cancer. <i>PLoS ONE</i> , 2013 , 8, e62522 | 3.7 | 18 |
| 157 | Diagnostic potential of plasmatic MicroRNA signatures in stable and unstable angina. <i>PLoS ONE</i> , 2013 , 8, e80345 | 3.7 | 100 |

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| 156 | Role of MicroRNAs and ZEB1 Downmodulation in Oxidative Stress-Induced Apoptosis and Senescence 2013 , 169-180 | | |
| 155 | Hypoxia-inducible factor 1-Induces miR-210 in normoxic differentiating myoblasts. <i>Journal of Biological Chemistry</i> , 2012 , 287, 44761-71 | 5.4 | 71 |
| 154 | Patient profile modulates cardiac c-kit(+) progenitor cell availability and amplification potential. <i>Translational Research</i> , 2012 , 160, 363-73 | 11 | 23 |
| 153 | Human chorionic villus mesenchymal stromal cells reveal strong endothelial conversion properties. <i>Differentiation</i> , 2012 , 83, 260-70 | 3.5 | 21 |
| 152 | MicroRNA dysregulation in diabetic ischemic heart failure patients. <i>Diabetes</i> , 2012 , 61, 1633-41 | 0.9 | 168 |
| 151 | ROD1 is a seedless target gene of hypoxia-induced miR-210. <i>PLoS ONE</i> , 2012 , 7, e44651 | 3.7 | 33 |
| 150 | In vitro epigenetic reprogramming of human cardiac mesenchymal stromal cells into functionally competent cardiovascular precursors. <i>PLoS ONE</i> , 2012 , 7, e51694 | 3.7 | 28 |
| 149 | P300/CBP associated factor regulates nitroglycerin-dependent arterial relaxation by N(ε)-lysine acetylation of contractile proteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2435-43 | 9.4 | 27 |
| 148 | C/EBPβ regulates wound repair and EGF receptor signaling. <i>Journal of Investigative Dermatology</i> , 2012 , 132, 1908-17 | 4.3 | 26 |
| 147 | Deep-sequencing of endothelial cells exposed to hypoxia reveals the complexity of known and novel microRNAs. <i>Rna</i> , 2012 , 18, 472-84 | 5.8 | 107 |
| 146 | MicroRNAs and myocardial infarction. <i>Current Opinion in Cardiology</i> , 2012 , 27, 228-35 | 2.1 | 33 |
| 145 | The SDF-1/CXCR4 axis in stem cell preconditioning. <i>Cardiovascular Research</i> , 2012 , 94, 400-7 | 9.9 | 96 |
| 144 | Molecular imaging of nuclear factor-γ transcriptional activity maps proliferation sites in live animals. <i>Molecular Biology of the Cell</i> , 2012 , 23, 1467-74 | 3.5 | 26 |
| 143 | Analysis of biodistribution and engraftment into the liver of genetically modified mesenchymal stromal cells derived from adipose tissue. <i>Cell Transplantation</i> , 2012 , 21, 1997-2008 | 4 | 25 |
| 142 | Deregulated microRNAs in myotonic dystrophy type 2. <i>PLoS ONE</i> , 2012 , 7, e39732 | 3.7 | 71 |
| 141 | Differential levels of circulating progenitor cells in acute coronary syndrome patients with a first event versus patients with recurring events. <i>International Journal of Cardiology</i> , 2011 , 149, 50-4 | 3.2 | 11 |
| 140 | Dysregulation and cellular mislocalization of specific miRNAs in myotonic dystrophy type 1. <i>Neuromuscular Disorders</i> , 2011 , 21, 81-8 | 2.9 | 90 |
| 139 | Histone deacetylase inhibition enhances self renewal and cardioprotection by human cord blood-derived CD34 cells. <i>PLoS ONE</i> , 2011 , 6, e22158 | 3.7 | 19 |

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| 138 | The epicardium in cardiac repair: from the stem cell view. <i>Pharmacology & Therapeutics</i> , 2011 , 129, 82-96 | 13.9 | 71 |
| 137 | Endothelial and cardiac progenitors: boosting, conditioning and (re)programming for cardiovascular repair. <i>Pharmacology & Therapeutics</i> , 2011 , 129, 50-61 | 13.9 | 21 |
| 136 | microRNAs as peripheral blood biomarkers of cardiovascular disease. <i>Vascular Pharmacology</i> , 2011 , 55, 111-8 | 5.9 | 57 |
| 135 | Increase of plasma IL-9 and decrease of plasma IL-5, IL-7, and IFN- γ in patients with chronic heart failure. <i>Journal of Translational Medicine</i> , 2011 , 9, 28 | 8.5 | 51 |
| 134 | NO points to epigenetics in vascular development. <i>Cardiovascular Research</i> , 2011 , 90, 447-56 | 9.9 | 20 |
| 133 | The FGF-2-derived peptide FREG inhibits melanoma growth in vitro and in vivo. <i>Molecular Therapy</i> , 2011 , 19, 266-73 | 11.7 | 11 |
| 132 | Human epicardium-derived cells fuse with high efficiency with skeletal myotubes and differentiate toward the skeletal muscle phenotype: a comparison study with stromal and endothelial cells. <i>Molecular Biology of the Cell</i> , 2011 , 22, 581-92 | 3.5 | 5 |
| 131 | Endothelial fate and angiogenic properties of human CD34+ progenitor cells in zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1589-97 | 9.4 | 27 |
| 130 | The role of nuclear endothelial nitric oxide synthase in the endothelial and prostate microenvironments. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011 , 5, 91-6 | 1.3 | 4 |
| 129 | Letter by D'Alessandra et al regarding article, "Circulating microRNA-208b and microRNA-499 reflect myocardial damage in cardiovascular disease". <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, e7; author reply e8 | | 8 |
| 128 | Knockdown of cyclin-dependent kinase inhibitors induces cardiomyocyte re-entry in the cell cycle. <i>Journal of Biological Chemistry</i> , 2011 , 286, 8644-8654 | 5.4 | 60 |
| 127 | N ^ε -lysine acetylation determines dissociation from GAP junctions and lateralization of connexin 43 in normal and dystrophic heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 2795-800 | 11.5 | 82 |
| 126 | Smad-interacting protein-1 and microRNA 200 family define a nitric oxide-dependent molecular circuitry involved in embryonic stem cell mesendoderm differentiation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 898-907 | 9.4 | 24 |
| 125 | Human cardiac and bone marrow stromal cells exhibit distinctive properties related to their origin. <i>Cardiovascular Research</i> , 2011 , 89, 650-60 | 9.9 | 96 |
| 124 | C-kit+ cardiac progenitors exhibit mesenchymal markers and preferential cardiovascular commitment. <i>Cardiovascular Research</i> , 2011 , 89, 362-73 | 9.9 | 69 |
| 123 | Human cord blood CD34+ progenitor cells acquire functional cardiac properties through a cell fusion process. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H1875-84 | 5.2 | 24 |
| 122 | HMGB1 attenuates cardiac remodelling in the failing heart via enhanced cardiac regeneration and miR-206-mediated inhibition of TIMP-3. <i>PLoS ONE</i> , 2011 , 6, e19845 | 3.7 | 93 |
| 121 | RAM, an RGDS analog, exerts potent anti-melanoma effects in vitro and in vivo. <i>PLoS ONE</i> , 2011 , 6, e25357 | | 9 |

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| 120 | Cardiac Stem Cells: Tales, Mysteries and Promises in Heart Generation and Regeneration 2011 , 265-286 | | 1 |
| 119 | Endothelial Progenitor Cells from Cord Blood: Magic Bullets Against Ischemia? 2011 , 205-213 | | |
| 118 | Enhanced healing of diabetic wounds by topical administration of adipose tissue-derived stromal cells overexpressing stromal-derived factor-1: biodistribution and engraftment analysis by bioluminescent imaging. <i>Stem Cells International</i> , 2010 , 2011, 304562 | 5 | 37 |
| 117 | Comment on: Biscetti et al. (2010) High-mobility group box-1 protein promotes angiogenesis after peripheral ischemia in diabetic mice through a VEGF-dependent mechanism. <i>Diabetes</i> ;59:1496-1505. <i>Diabetes</i> , 2010 , 59, e7; author reply e8 | 0.9 | 3 |
| 116 | Granulocyte colony-stimulating factor attenuates left ventricular remodelling after acute anterior STEMI: results of the single-blind, randomized, placebo-controlled multicentre STem cELL Mobilization in Acute Myocardial Infarction (STEM-AMI) Trial. <i>European Journal of Heart Failure</i> , 2010 , 12, 1111-21 | 12.3 | 40 |
| 115 | Role of HIF-1alpha in proton-mediated CXCR4 down-regulation in endothelial cells. <i>Cardiovascular Research</i> , 2010 , 86, 293-301 | 9.9 | 19 |
| 114 | Regulation of the endothelial cell cycle by the ubiquitin-proteasome system. <i>Cardiovascular Research</i> , 2010 , 85, 272-80 | 9.9 | 30 |
| 113 | Magnetic resonance imaging of human endothelial progenitors reveals opposite effects on vascular and muscle regeneration into ischaemic tissues. <i>Cardiovascular Research</i> , 2010 , 85, 503-13 | 9.9 | 19 |
| 112 | Histone deacetylase inhibitors: keeping momentum for neuromuscular and cardiovascular diseases treatment. <i>Pharmacological Research</i> , 2010 , 62, 3-10 | 10.2 | 33 |
| 111 | Intracellular targets of RGDS peptide in melanoma cells. <i>Molecular Cancer</i> , 2010 , 9, 84 | 42.1 | 26 |
| 110 | Myocardial infarction induces embryonic reprogramming of epicardial c-kit(+) cells: role of the pericardial fluid. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 48, 609-18 | 5.8 | 111 |
| 109 | Circulating microRNAs are new and sensitive biomarkers of myocardial infarction. <i>European Heart Journal</i> , 2010 , 31, 2765-73 | 9.5 | 618 |
| 108 | MicroRNA signatures in peripheral blood mononuclear cells of chronic heart failure patients. <i>Physiological Genomics</i> , 2010 , 42, 420-6 | 3.6 | 106 |
| 107 | GMP-based CD133(+) cells isolation maintains progenitor angiogenic properties and enhances standardization in cardiovascular cell therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 1619-34 | 5.6 | 16 |
| 106 | The histone deacetylase inhibitor suberoylanilide hydroxamic acid reduces cardiac arrhythmias in dystrophic mice. <i>Cardiovascular Research</i> , 2010 , 87, 73-82 | 9.9 | 38 |
| 105 | microRNA: emerging therapeutic targets in acute ischemic diseases. <i>Pharmacology & Therapeutics</i> , 2010 , 125, 92-104 | 13.9 | 147 |
| 104 | Gene transfer into human cord blood-derived CD34(+) cells by adeno-associated viral vectors. <i>Experimental Hematology</i> , 2010 , 38, 707-17 | 3.1 | 15 |
| 103 | Induction of myogenic differentiation by SDF-1 via CXCR4 and CXCR7 receptors. <i>Muscle and Nerve</i> , 2010 , 41, 828-35 | 3.4 | 33 |

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| 102 | Nitric oxide determines mesodermic differentiation of mouse embryonic stem cells by activating class IIa histone deacetylases: potential therapeutic implications in a mouse model of hindlimb ischemia. <i>Stem Cells</i> , 2010 , 28, 431-42 | 5.8 | 45 |
| 101 | Homeodomain interacting protein kinase 2 activation compromises endothelial cell response to laminar flow: protective role of p21(waf1,cip1,sdi1). <i>PLoS ONE</i> , 2009 , 4, e6603 | 3.7 | 7 |
| 100 | p66ShcA modulates oxidative stress and survival of endothelial progenitor cells in response to high glucose. <i>Cardiovascular Research</i> , 2009 , 82, 421-9 | 9.9 | 54 |
| 99 | Nitric oxide deficiency determines global chromatin changes in Duchenne muscular dystrophy. <i>FASEB Journal</i> , 2009 , 23, 2131-41 | 0.9 | 61 |
| 98 | An integrated approach for experimental target identification of hypoxia-induced miR-210. <i>Journal of Biological Chemistry</i> , 2009 , 284, 35134-43 | 5.4 | 215 |
| 97 | Gene expression profiles in peripheral blood mononuclear cells of chronic heart failure patients. <i>Physiological Genomics</i> , 2009 , 38, 233-40 | 3.6 | 44 |
| 96 | Common micro-RNA signature in skeletal muscle damage and regeneration induced by Duchenne muscular dystrophy and acute ischemia. <i>FASEB Journal</i> , 2009 , 23, 3335-46 | 0.9 | 207 |
| 95 | NO sparks off chromatin: tales of a multifaceted epigenetic regulator. <i>Pharmacology & Therapeutics</i> , 2009 , 123, 344-52 | 13.9 | 64 |
| 94 | Altered SDF-1-mediated differentiation of bone marrow-derived endothelial progenitor cells in diabetes mellitus. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 3405-14 | 5.6 | 31 |
| 93 | Comparison of the effects of ramipril versus telmisartan on high-sensitivity C-reactive protein and endothelial progenitor cells after acute coronary syndrome. <i>American Journal of Cardiology</i> , 2009 , 103, 1500-5 | 3 | 21 |
| 92 | Thrombin-mediated impairment of fibroblast growth factor-2 activity. <i>FEBS Journal</i> , 2009 , 276, 3277-89 | 5.7 | 2 |
| 91 | Endothelial progenitor cells and cardiovascular homeostasis: clinical implications. <i>International Journal of Cardiology</i> , 2009 , 131, 156-67 | 3.2 | 49 |
| 90 | Regenerative therapy in peripheral artery disease. <i>Cardiovascular Therapeutics</i> , 2009 , 27, 289-304 | 3.3 | 33 |
| 89 | Platelet-derived growth factor-receptor alpha strongly inhibits melanoma growth in vitro and in vivo. <i>Neoplasia</i> , 2009 , 11, 732-42 | 6.4 | 29 |
| 88 | The telomerase tale in vascular aging: regulation by estrogens and nitric oxide signaling. <i>Journal of Applied Physiology</i> , 2009 , 106, 333-7 | 3.7 | 29 |
| 87 | Endothelial NOS, estrogen receptor beta, and HIFs cooperate in the activation of a prognostic transcriptional pattern in aggressive human prostate cancer. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1093-108 | 15.9 | 96 |
| 86 | High-mobility group box 1 protein in human and murine skin: involvement in wound healing. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 1545-53 | 4.3 | 125 |
| 85 | HMGB1-stimulated human primary cardiac fibroblasts exert a paracrine action on human and murine cardiac stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 44, 683-93 | 5.8 | 89 |

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| 84 | HDAC2 blockade by nitric oxide and histone deacetylase inhibitors reveals a common target in Duchenne muscular dystrophy treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 19183-7 | 11.5 | 212 |
| 83 | Protein phosphatase 2A subunit PR70 interacts with pRb and mediates its dephosphorylation. <i>Molecular and Cellular Biology</i> , 2008 , 28, 873-82 | 4.8 | 52 |
| 82 | MicroRNA-210 modulates endothelial cell response to hypoxia and inhibits the receptor tyrosine kinase ligand Ephrin-A3. <i>Journal of Biological Chemistry</i> , 2008 , 283, 15878-83 | 5.4 | 673 |
| 81 | Nitric oxide modulates chromatin folding in human endothelial cells via protein phosphatase 2A activation and class II histone deacetylases nuclear shuttling. <i>Circulation Research</i> , 2008 , 102, 51-8 | 15.7 | 106 |
| 80 | Functional properties of cells obtained from human cord blood CD34+ stem cells and mouse cardiac myocytes in coculture. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H1541-9 | 5.2 | 12 |
| 79 | Spontaneous myogenic differentiation of Flk-1-positive cells from adult pancreas and other nonmuscle tissues. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 294, C604-12 | 5.4 | 7 |
| 78 | Estrogen receptor-alpha and endothelial nitric oxide synthase nuclear complex regulates transcription of human telomerase. <i>Circulation Research</i> , 2008 , 103, 34-42 | 15.7 | 71 |
| 77 | Therapeutic angiogenesis with intramuscular NV1FGF improves amputation-free survival in patients with critical limb ischemia. <i>Molecular Therapy</i> , 2008 , 16, 972-8 | 11.7 | 254 |
| 76 | Activation of the Local Regenerative System of the Heart 2007 , 95-102 | | |
| 75 | p66(ShcA) and oxidative stress modulate myogenic differentiation and skeletal muscle regeneration after hind limb ischemia. <i>Journal of Biological Chemistry</i> , 2007 , 282, 31453-9 | 5.4 | 62 |
| 74 | Multiple effects of high mobility group box protein 1 in skeletal muscle regeneration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2377-83 | 9.4 | 78 |
| 73 | Role of rat alpha adducin in angiogenesis: null effect of the F316Y polymorphism. <i>Cardiovascular Research</i> , 2007 , 75, 608-17 | 9.9 | 8 |
| 72 | Identification of myocardial and vascular precursor cells in human and mouse epicardium. <i>Circulation Research</i> , 2007 , 101, 1255-65 | 15.7 | 193 |
| 71 | Pivotal advances: high-mobility group box 1 protein--a cytokine with a role in cardiac repair. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 41-5 | 6.5 | 43 |
| 70 | Protective effects of parecoxib, a cyclo-oxygenase-2 inhibitor, in postinfarction remodeling in the rat. <i>Journal of Cardiovascular Pharmacology</i> , 2007 , 50, 571-7 | 3.1 | 17 |
| 69 | Molecular mechanisms of cardiomyocyte regeneration and therapeutic outlook. <i>Trends in Molecular Medicine</i> , 2007 , 13, 125-33 | 11.5 | 12 |
| 68 | Glycated fibroblast growth factor-2 is quickly produced in vitro upon low-millimolar glucose treatment and detected in vivo in diabetic mice. <i>Molecular Endocrinology</i> , 2006 , 20, 2806-18 | | 18 |
| 67 | Axl receptor activation mediates laminar shear stress anti-apoptotic effects in human endothelial cells. <i>Cardiovascular Research</i> , 2006 , 71, 754-63 | 9.9 | 33 |

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|----|---|------|-----|
| 66 | Papilloma protein E6 abrogates shear stress-dependent survival in human endothelial cells: evidence for specialized functions of paxillin. <i>Cardiovascular Research</i> , 2006 , 70, 578-88 | 9.9 | 7 |
| 65 | Myogenic potential of adipose-tissue-derived cells. <i>Journal of Cell Science</i> , 2006 , 119, 2945-52 | 5.3 | 181 |
| 64 | Cyclin D1 degradation enhances endothelial cell survival upon oxidative stress. <i>FASEB Journal</i> , 2006 , 20, 1242-4 | 0.9 | 38 |
| 63 | Heterodimerization of FGF-receptor 1 and PDGF-receptor-alpha: a novel mechanism underlying the inhibitory effect of PDGF-BB on FGF-2 in human cells. <i>Blood</i> , 2006 , 107, 1896-902 | 2.2 | 38 |
| 62 | HDAC3 is crucial in shear- and VEGF-induced stem cell differentiation toward endothelial cells. <i>Journal of Cell Biology</i> , 2006 , 174, 1059-69 | 7.3 | 212 |
| 61 | Telomerase mediates vascular endothelial growth factor-dependent responsiveness in a rat model of hind limb ischemia. <i>Journal of Biological Chemistry</i> , 2005 , 280, 14790-8 | 5.4 | 64 |
| 60 | RGDS peptide inhibits activation of lymphocytes and adhesion of activated lymphocytes to human umbilical vein endothelial cells in vitro. <i>Immunology and Cell Biology</i> , 2005 , 83, 25-32 | 5 | 1 |
| 59 | Electrophysiological properties of mouse bone marrow c-kit+ cells co-cultured onto neonatal cardiac myocytes. <i>Cardiovascular Research</i> , 2005 , 66, 482-92 | 9.9 | 35 |
| 58 | RGDS peptide inhibits activation of lymphocytes and adhesion of activated lymphocytes to human umbilical vein endothelial cells in vitro. <i>Immunology and Cell Biology</i> , 2005 , 83, 25-32 | 5 | 4 |
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