

# Maurizio C Capogrossi

## List of Publications by Citations

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209  
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216  
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13,604  
ext. citations

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#	Paper	IF	Citations
209	MicroRNA-210 modulates endothelial cell response to hypoxia and inhibits the receptor tyrosine kinase ligand Ephrin-A3. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 15878-83	5.4	673
208	Circulating microRNAs are new and sensitive biomarkers of myocardial infarction. <i>European Heart Journal</i> , <b>2010</b> , 31, 2765-73	9.5	618
207	SDF-1 involvement in endothelial phenotype and ischemia-induced recruitment of bone marrow progenitor cells. <i>Blood</i> , <b>2004</b> , 104, 3472-82	2.2	449
206	p21(Waf1/Cip1) protects against p53-mediated apoptosis of human melanoma cells. <i>Oncogene</i> , <b>1997</b> , 14, 929-35	9.2	279
205	Therapeutic angiogenesis with intramuscular NV1FGF improves amputation-free survival in patients with critical limb ischemia. <i>Molecular Therapy</i> , <b>2008</b> , 16, 972-8	11.7	254
204	Exogenous high-mobility group box 1 protein induces myocardial regeneration after infarction via enhanced cardiac C-kit+ cell proliferation and differentiation. <i>Circulation Research</i> , <b>2005</b> , 97, e73-83	15.7	229
203	An integrated approach for experimental target identification of hypoxia-induced miR-210. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 35134-43	5.4	215
202	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> , <b>2008</b> , 105, 19183-7	11.5	212
201	HDAC3 is crucial in shear- and VEGF-induced stem cell differentiation toward endothelial cells. <i>Journal of Cell Biology</i> , <b>2006</b> , 174, 1059-69	7.3	212
200	Common micro-RNA signature in skeletal muscle damage and regeneration induced by Duchenne muscular dystrophy and acute ischemia. <i>FASEB Journal</i> , <b>2009</b> , 23, 3335-46	0.9	207
199	Identification of myocardial and vascular precursor cells in human and mouse epicardium. <i>Circulation Research</i> , <b>2007</b> , 101, 1255-65	15.7	193
198	Myogenic potential of adipose-tissue-derived cells. <i>Journal of Cell Science</i> , <b>2006</b> , 119, 2945-52	5.3	181
197	Diagnostic potential of circulating miR-499-5p in elderly patients with acute non ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 531-6	3.2	179
196	Vascular endothelial growth factor modulates skeletal myoblast function. <i>American Journal of Pathology</i> , <b>2003</b> , 163, 1417-28	5.8	177
195	MicroRNA dysregulation in diabetic ischemic heart failure patients. <i>Diabetes</i> , <b>2012</b> , 61, 1633-41	0.9	168
194	Local delivery of human tissue kallikrein gene accelerates spontaneous angiogenesis in mouse model of hindlimb ischemia. <i>Circulation</i> , <b>2001</b> , 103, 125-32	16.7	167
193	Analysis of the role of chemokines in angiogenesis. <i>Journal of Immunological Methods</i> , <b>2003</b> , 273, 83-101	2.5	161

192	Epigenetic histone modification and cardiovascular lineage programming in mouse embryonic stem cells exposed to laminar shear stress. <i>Circulation Research</i> , <b>2005</b> , 96, 501-8	15.7	159
191	Myoendothelial differentiation of human umbilical cord blood-derived stem cells in ischemic limb tissues. <i>Circulation Research</i> , <b>2003</b> , 93, e51-62	15.7	156
190	Dilated and failing cardiomyopathy in bradykinin B(2) receptor knockout mice. <i>Circulation</i> , <b>1999</b> , 100, 2359-65	16.7	154
189	microRNA: emerging therapeutic targets in acute ischemic diseases. <i>Pharmacology &amp; Therapeutics</i> , <b>2010</b> , 125, 92-104	13.9	147
188	High-mobility group box 1 protein in human and murine skin: involvement in wound healing. <i>Journal of Investigative Dermatology</i> , <b>2008</b> , 128, 1545-53	4.3	125
187	Acidosis inhibits endothelial cell apoptosis and function and induces basic fibroblast growth factor and vascular endothelial growth factor expression. <i>Circulation Research</i> , <b>2000</b> , 86, 312-8	15.7	125
186	Promotion of regeneration of corticospinal tract axons in rats with recombinant vascular endothelial growth factor alone and combined with adenovirus coding for this factor. <i>Journal of Neurosurgery</i> , <b>2002</b> , 97, 161-8	3.2	120
185	Adenovirus-mediated VEGF(121) gene transfer stimulates angiogenesis in normoperfused skeletal muscle and preserves tissue perfusion after induction of ischemia. <i>Circulation</i> , <b>2000</b> , 102, 565-71	16.7	115
184	Hydrogen peroxide induces intracellular calcium oscillations in human aortic endothelial cells. <i>Circulation</i> , <b>1998</b> , 97, 268-75	16.7	112
183	VEGF165 expressed by a replication-deficient recombinant adenovirus vector induces angiogenesis in vivo. <i>Circulation Research</i> , <b>1995</b> , 77, 1077-86	15.7	112
182	Myocardial infarction induces embryonic reprogramming of epicardial c-kit(+) cells: role of the pericardial fluid. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2010</b> , 48, 609-18	5.8	111
181	Adenovirus-mediated gene transfer of the human tissue inhibitor of metalloproteinase-2 blocks vascular smooth muscle cell invasiveness in vitro and modulates neointimal development in vivo. <i>Circulation</i> , <b>1998</b> , 98, 2195-201	16.7	110
180	Deep-sequencing of endothelial cells exposed to hypoxia reveals the complexity of known and novel microRNAs. <i>Rna</i> , <b>2012</b> , 18, 472-84	5.8	107
179	MicroRNA signatures in peripheral blood mononuclear cells of chronic heart failure patients. <i>Physiological Genomics</i> , <b>2010</b> , 42, 420-6	3.6	106
178	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> , <b>2008</b> , 102, 51-8	15.7	106
177	The mitochondrial lncRNA ASncmtRNA-2 is induced in aging and replicative senescence in Endothelial Cells. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 81, 62-70	5.8	103
176	Shear stress-mediated chromatin remodeling provides molecular basis for flow-dependent regulation of gene expression. <i>Circulation Research</i> , <b>2003</b> , 93, 155-61	15.7	103
175	p66ShcA modulates tissue response to hindlimb ischemia. <i>Circulation</i> , <b>2004</b> , 109, 2917-23	16.7	103

174	Diagnostic potential of plasmatic MicroRNA signatures in stable and unstable angina. <i>PLoS ONE</i> , <b>2013</b> , 8, e80345	3.7	100
173	Human cardiac and bone marrow stromal cells exhibit distinctive properties related to their origin. <i>Cardiovascular Research</i> , <b>2011</b> , 89, 650-60	9.9	96
172	The SDF-1/CXCR4 axis in stem cell preconditioning. <i>Cardiovascular Research</i> , <b>2012</b> , 94, 400-7	9.9	96
171	Hypoxia inhibits myogenic differentiation through accelerated MyoD degradation. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 16332-8	5.4	96
170	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> , <b>2009</b> , 119, 1093-108	15.9	96
169	HMGB1 attenuates cardiac remodelling in the failing heart via enhanced cardiac regeneration and miR-206-mediated inhibition of TIMP-3. <i>PLoS ONE</i> , <b>2011</b> , 6, e19845	3.7	93
168	Dysregulation and cellular mislocalization of specific miRNAs in myotonic dystrophy type 1. <i>Neuromuscular Disorders</i> , <b>2011</b> , 21, 81-8	2.9	90
167	Oxidative stress induces protein phosphatase 2A-dependent dephosphorylation of the pocket proteins pRb, p107, and p130. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 19509-17	5.4	90
166	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> , <b>2008</b> , 44, 683-93	5.8	89
165	Shear stress downregulation of platelet-derived growth factor receptor-beta and matrix metalloprotease-2 is associated with inhibition of smooth muscle cell invasion and migration. <i>Circulation</i> , <b>2000</b> , 102, 225-30	16.7	84
164	N-Elysine 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> , <b>2011</b> , 108, 2795-800	11.5	82
163	I-309 binds to and activates endothelial cell functions and acts as an angiogenic molecule in vivo. <i>Blood</i> , <b>2000</b> , 96, 4039-4045	2.2	80
162	Multiple effects of high mobility group box protein 1 in skeletal muscle regeneration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 2377-83	9.4	78
161	Hypoxia-inducible factor 1- $\beta$ induces miR-210 in normoxic differentiating myoblasts. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 44761-71	5.4	71
160	The epicardium in cardiac repair: from the stem cell view. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 129, 82-96	13.9	71
159	Estrogen receptor-alpha and endothelial nitric oxide synthase nuclear complex regulates transcription of human telomerase. <i>Circulation Research</i> , <b>2008</b> , 103, 34-42	15.7	71
158	Deregulated microRNAs in myotonic dystrophy type 2. <i>PLoS ONE</i> , <b>2012</b> , 7, e39732	3.7	71
157	C-kit <sup>+</sup> cardiac progenitors exhibit mesenchymal markers and preferential cardiovascular commitment. <i>Cardiovascular Research</i> , <b>2011</b> , 89, 362-73	9.9	69

156	Adenovirus-mediated human tissue kallikrein gene delivery induces angiogenesis in normoperfused skeletal muscle. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, 2379-85	9.4	69
155	Autologous peripheral blood stem cell transplantation for myocardial regeneration: a novel strategy for cell collection and surgical injection. <i>Annals of Thoracic Surgery</i> , <b>2004</b> , 78, 1808-12	2.7	66
154	NO sparks off chromatin: tales of a multifaceted epigenetic regulator. <i>Pharmacology &amp; Therapeutics</i> , <b>2009</b> , 123, 344-52	13.9	64
153	Telomerase mediates vascular endothelial growth factor-dependent responsiveness in a rat model of hind limb ischemia. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 14790-8	5.4	64
152	In vivo angiogenesis induced by recombinant adenovirus vectors coding either for secreted or nonsecreted forms of acidic fibroblast growth factor. <i>Human Gene Therapy</i> , <b>1995</b> , 6, 1457-65	4.8	64
151	p66(ShcA) and oxidative stress modulate myogenic differentiation and skeletal muscle regeneration after hind limb ischemia. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 31453-9	5.4	62
150	Nitric oxide deficiency determines global chromatin changes in Duchenne muscular dystrophy. <i>FASEB Journal</i> , <b>2009</b> , 23, 2131-41	0.9	61
149	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> , <b>2018</b> , 38, 2079-2090	9.4	60
148	Knockdown of cyclin-dependent kinase inhibitors induces cardiomyocyte re-entry in the cell cycle. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 8644-8654	5.4	60
147	Nerve growth factor induces angiogenic activity in a mouse model of hindlimb ischemia. <i>Neuroscience Letters</i> , <b>2002</b> , 323, 109-12	3.3	60
146	RGDS peptide induces caspase 8 and caspase 9 activation in human endothelial cells. <i>Blood</i> , <b>2004</b> , 103, 4180-7	2.2	59
145	A nitric oxide-dependent cross-talk between class I and III histone deacetylases accelerates skin repair. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 11004-12	5.4	58
144	The histone acetylase activator pentadecylidenemalonate 1b rescues proliferation and differentiation in the human cardiac mesenchymal cells of type 2 diabetic patients. <i>Diabetes</i> , <b>2014</b> , 63, 2132-47	0.9	57
143	Nitric oxide, oxidative stress, and p66Shc interplay in diabetic endothelial dysfunction. <i>BioMed Research International</i> , <b>2014</b> , 2014, 193095	3	57
142	Hypoxia/reoxygenation cardiac injury and regeneration in zebrafish adult heart. <i>PLoS ONE</i> , <b>2013</b> , 8, e53748	3.8	57
141	microRNAs as peripheral blood biomarkers of cardiovascular disease. <i>Vascular Pharmacology</i> , <b>2011</b> , 55, 111-8	5.9	57
140	The Janus face of HMGB1 in heart disease: a necessary update. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 211-229	10.3	57
139	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> , <b>2015</b> , 197, 333-47	3.2	55

138	p66ShcA modulates oxidative stress and survival of endothelial progenitor cells in response to high glucose. <i>Cardiovascular Research</i> , <b>2009</b> , 82, 421-9	9.9	54
137	Different effects of high and low shear stress on platelet-derived growth factor isoform release by endothelial cells: consequences for smooth muscle cell migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 405-11	9.4	54
136	Adenovirus-mediated gene transfer of wild-type p53 results in melanoma cell apoptosis in vitro and in vivo. <i>International Journal of Cancer</i> , <b>1995</b> , 63, 673-9	7.5	53
135	Protein phosphatase 2A subunit PR70 interacts with pRb and mediates its dephosphorylation. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 873-82	4.8	52
134	Increase of plasma IL-9 and decrease of plasma IL-5, IL-7, and IFN- $\gamma$ in patients with chronic heart failure. <i>Journal of Translational Medicine</i> , <b>2011</b> , 9, 28	8.5	51
133	Adenovirus-mediated acidic fibroblast growth factor gene transfer induces angiogenesis in the nonischemic rabbit heart. <i>Microvascular Research</i> , <b>1999</b> , 58, 238-49	3.7	50
132	Doxorubicin and trastuzumab regimen induces biventricular failure in mice. <i>Journal of the American Society of Echocardiography</i> , <b>2014</b> , 27, 568-79	5.8	49
131	Endothelial progenitor cells and cardiovascular homeostasis: clinical implications. <i>International Journal of Cardiology</i> , <b>2009</b> , 131, 156-67	3.2	49
130	Acidification prevents endothelial cell apoptosis by Axl activation. <i>Circulation Research</i> , <b>2002</b> , 91, e4-12	15.7	49
129	Platelet-derived growth factor inhibits basic fibroblast growth factor angiogenic properties in vitro and in vivo through its alpha receptor. <i>Blood</i> , <b>2002</b> , 99, 2045-53	2.2	49
128	CTLA4Ig gene transfer prolongs survival and induces donor-specific tolerance in a rat renal allograft. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2000</b> , 11, 747-752	12.7	49
127	The mitochondrial genome in aging and senescence. <i>Ageing Research Reviews</i> , <b>2014</b> , 18, 1-15	12	48
126	Enhanced arteriogenesis and wound repair in dystrophin-deficient mdx mice. <i>Circulation</i> , <b>2004</b> , 110, 3341-8	11.7	46
125	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> , <b>2010</b> , 28, 431-42	5.8	45
124	Gene expression profiles in peripheral blood mononuclear cells of chronic heart failure patients. <i>Physiological Genomics</i> , <b>2009</b> , 38, 233-40	3.6	44
123	Transglutaminase activity is involved in polyamine-induced programmed cell death. <i>Experimental Cell Research</i> , <b>2001</b> , 271, 118-29	4.2	44
122	Pivotal advances: high-mobility group box 1 protein--a cytokine with a role in cardiac repair. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 81, 41-5	6.5	43
121	Hypoxia-induced miR-210 modulates tissue response to acute peripheral ischemia. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 21, 1177-88	8.4	42



120	Sugar-induced modification of fibroblast growth factor 2 reduces its angiogenic activity in vivo. <i>American Journal of Pathology</i> , <b>2002</b> , 161, 531-41	5.8	42
119	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> , <b>2014</b> , 172, e276-8	3.2	41
118	Laminar shear stress inhibits CXCR4 expression on endothelial cells: functional consequences for atherogenesis. <i>FASEB Journal</i> , <b>2005</b> , 19, 629-31	0.9	41
117	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> , <b>2010</b> , 12, 1111-21	12.3	40
116	Arteriogenesis induced by intramyocardial vascular endothelial growth factor 165 gene transfer in chronically ischemic pigs. <i>Human Gene Therapy</i> , <b>2003</b> , 14, 1307-18	4.8	39
115	The chemokine receptor CCR8 mediates rescue from dexamethasone-induced apoptosis via an ERK-dependent pathway. <i>Journal of Leukocyte Biology</i> , <b>2003</b> , 73, 201-7	6.5	39
114	The histone deacetylase inhibitor suberoylanilide hydroxamic acid reduces cardiac arrhythmias in dystrophic mice. <i>Cardiovascular Research</i> , <b>2010</b> , 87, 73-82	9.9	38
113	Cyclin D1 degradation enhances endothelial cell survival upon oxidative stress. <i>FASEB Journal</i> , <b>2006</b> , 20, 1242-4	0.9	38
112	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> , <b>2006</b> , 107, 1896-902	2.2	38
111	The chemokine CXCL13 (BCA-1) inhibits FGF-2 effects on endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 289, 19-24	3.4	38
110	Altered SDF-1-mediated differentiation of bone marrow-derived endothelial progenitor cells in diabetes mellitus. <i>Journal of Cellular and Molecular Medicine</i> , <b>2013</b> , 13, 3405-3414	5.6	38
109	Methylation profiling by bisulfite sequencing analysis of the mtDNA Non-Coding Region in replicative and senescent Endothelial Cells. <i>Mitochondrion</i> , <b>2016</b> , 27, 40-7	4.9	37
108	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> , <b>2010</b> , 2011, 304562	5	37
107	Wild-type p53 gene transfer inhibits invasion and reduces matrix metalloproteinase-2 levels in p53-mutated human melanoma cells. <i>Journal of Investigative Dermatology</i> , <b>2000</b> , 114, 1188-94	4.3	37
106	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> , <b>2017</b> , 16, 262-272	9.9	36
105	Angiotensin II type 1 receptor blockade prevents cardiac remodeling in bradykinin B(2) receptor knockout mice. <i>Hypertension</i> , <b>2000</b> , 35, 391-6	8.5	36
104	Comparison between alpha-adrenergic- and K-opioidergic-mediated inositol (1,4,5)P3/inositol (1,3,4,5) P4 formation in adult cultured rat ventricular cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>1991</b> , 179, 972-8	3.4	36
103	Electrophysiological properties of mouse bone marrow c-kit+ cells co-cultured onto neonatal cardiac myocytes. <i>Cardiovascular Research</i> , <b>2005</b> , 66, 482-92	9.9	35

102	ROD1 is a seedless target gene of hypoxia-induced miR-210. <i>PLoS ONE</i> , <b>2012</b> , 7, e44651	3.7	33
101	Histone deacetylase inhibitors: keeping momentum for neuromuscular and cardiovascular diseases treatment. <i>Pharmacological Research</i> , <b>2010</b> , 62, 3-10	10.2	33
100	MicroRNAs and myocardial infarction. <i>Current Opinion in Cardiology</i> , <b>2012</b> , 27, 228-35	2.1	33
99	Regenerative therapy in peripheral artery disease. <i>Cardiovascular Therapeutics</i> , <b>2009</b> , 27, 289-304	3.3	33
98	Induction of myogenic differentiation by SDF-1 via CXCR4 and CXCR7 receptors. <i>Muscle and Nerve</i> , <b>2010</b> , 41, 828-35	3.4	33
97	Axl receptor activation mediates laminar shear stress anti-apoptotic effects in human endothelial cells. <i>Cardiovascular Research</i> , <b>2006</b> , 71, 754-63	9.9	33
96	Oxidative stress, microRNAs and cytosolic calcium homeostasis. <i>Cell Calcium</i> , <b>2016</b> , 60, 207-17	4	33
95	Atherosclerotic plaque instability in carotid arteries: miR-200c as a promising biomarker. <i>Clinical Science</i> , <b>2018</b> , 132, 2423-2436	6.5	32
94	The Emerging Role of miR-200 Family in Cardiovascular Diseases. <i>Circulation Research</i> , <b>2017</b> , 120, 1399-1407	14.7	31
93	Altered SDF-1-mediated differentiation of bone marrow-derived endothelial progenitor cells in diabetes mellitus. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 3405-14	5.6	31
92	Identification of a novel domain of fibroblast growth factor 2 controlling its angiogenic properties. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 8751-60	5.4	31
91	Adenovirus-mediated wild-type p53 expression induces apoptosis and suppresses tumorigenesis of experimental intracranial human malignant glioma. <i>Journal of Neuro-Oncology</i> , <b>1999</b> , 43, 99-108	4.8	31
90	Regulation of the endothelial cell cycle by the ubiquitin-proteasome system. <i>Cardiovascular Research</i> , <b>2010</b> , 85, 272-80	9.9	30
89	Enhancement of lysine acetylation accelerates wound repair. <i>Communicative and Integrative Biology</i> , <b>2013</b> , 6, e25466	1.7	29
88	Platelet-derived growth factor-receptor alpha strongly inhibits melanoma growth in vitro and in vivo. <i>Neoplasia</i> , <b>2009</b> , 11, 732-42	6.4	29
87	The telomerase tale in vascular aging: regulation by estrogens and nitric oxide signaling. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 333-7	3.7	29
86	In vitro epigenetic reprogramming of human cardiac mesenchymal stromal cells into functionally competent cardiovascular precursors. <i>PLoS ONE</i> , <b>2012</b> , 7, e51694	3.7	28
85	Doxorubicin upregulates CXCR4 via miR-200c/ZEB1-dependent mechanism in human cardiac mesenchymal progenitor cells. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e3020	9.8	27



84	Endothelial fate and angiogenic properties of human CD34+ progenitor cells in zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 1589-97	9.4	27
83	P300/CBP associated factor regulates nitroglycerin-dependent arterial relaxation by N(ε)-lysine acetylation of contractile proteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 2435-43	9.4	27
82	Detrimental effect of class-selective histone deacetylase inhibitors during tissue regeneration following hindlimb ischemia. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 22915-29	5.4	26
81	Intracellular targets of RGDS peptide in melanoma cells. <i>Molecular Cancer</i> , <b>2010</b> , 9, 84	42.1	26
80	C/EBPβ regulates wound repair and EGF receptor signaling. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 1908-17	4.3	26
79	Molecular imaging of nuclear factor-γ transcriptional activity maps proliferation sites in live animals. <i>Molecular Biology of the Cell</i> , <b>2012</b> , 23, 1467-74	3.5	26
78	Vascular permeability effect of adenovirus-mediated vascular endothelial growth factor gene transfer to the rabbit and rat skeletal muscle. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1999</b> , 118, 339-47	1.5	26
77	Analysis of biodistribution and engraftment into the liver of genetically modified mesenchymal stromal cells derived from adipose tissue. <i>Cell Transplantation</i> , <b>2012</b> , 21, 1997-2008	4	25
76	Nuclear Factor-κB and cAMP Response Element Binding Protein Mediate Opposite Transcriptional Effects on the Flk-1/KDR Gene Promoter. <i>Circulation Research</i> , <b>2000</b> , 86,	15.7	25
75	Transcriptional control of skin reepithelialization. <i>Journal of Dermatological Science</i> , <b>2014</b> , 73, 3-9	4.3	24
74	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> , <b>2011</b> , 31, 898-907	9.4	24
73	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> , <b>2011</b> , 300, H1875-84	5.2	24
72	Platelet-derived growth factor-BB and basic fibroblast growth factor directly interact in vitro with high affinity. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 1284-91	5.4	24
71	Adenovirus-mediated human tissue kallikrein gene delivery inhibits neointima formation induced by interruption of blood flow in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, 1459-68	9.4	24
70	Endoplasmic reticulum Ca <sup>2+</sup> depletion unmasks a caffeine-induced Ca <sup>2+</sup> influx in human aortic endothelial cells. <i>Circulation Research</i> , <b>1995</b> , 77, 927-35	15.7	24
69	Patient profile modulates cardiac c-kit(+) progenitor cell availability and amplification potential. <i>Translational Research</i> , <b>2012</b> , 160, 363-73	11	23
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