

# Maurizio C Capogrossi

## List of Publications by Year in descending order

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214  
papers

14,611  
citations

15466

65  
h-index

23472

111  
g-index

216  
all docs

216  
docs citations

216  
times ranked

18693  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 15878-15883.	1.6	786
2	Circulating microRNAs are new and sensitive biomarkers of myocardial infarction. <i>European Heart Journal</i> , 2010, 31, 2765-2773.	1.0	709
3	SDF-1 involvement in endothelial phenotype and ischemia-induced recruitment of bone marrow progenitor cells. <i>Blood</i> , 2004, 104, 3472-3482.	0.6	489
4	Therapeutic Angiogenesis With Intramuscular NV1FGF Improves Amputation-free Survival in Patients With Critical Limb Ischemia. <i>Molecular Therapy</i> , 2008, 16, 972-978.	3.7	294
5	p21Waf1/Cip1 protects against p53-mediated apoptosis of human melanoma cells. <i>Oncogene</i> , 1997, 14, 929-935.	2.6	293
6	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> , 2005, 97, e73-83.	2.0	256
7	An Integrated Approach for Experimental Target Identification of Hypoxia-induced miR-210. <i>Journal of Biological Chemistry</i> , 2009, 284, 35134-35143.	1.6	248
8	Common microRNA signature in skeletal muscle damage and regeneration induced by Duchenne muscular dystrophy and acute ischemia. <i>FASEB Journal</i> , 2009, 23, 3335-3346.	0.2	235
9	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, 19183-19187.	3.3	234
10	HDAC3 is crucial in shear- and VEGF-induced stem cell differentiation toward endothelial cells. <i>Journal of Cell Biology</i> , 2006, 174, 1059-1069.	2.3	231
11	Identification of Myocardial and Vascular Precursor Cells in Human and Mouse Epicardium. <i>Circulation Research</i> , 2007, 101, 1255-1265.	2.0	216
12	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, 531-536.	0.8	214
13	Vascular Endothelial Growth Factor Modulates Skeletal Myoblast Function. <i>American Journal of Pathology</i> , 2003, 163, 1417-1428.	1.9	208
14	MicroRNA Dysregulation in Diabetic Ischemic Heart Failure Patients. <i>Diabetes</i> , 2012, 61, 1633-1641.	0.3	206
15	Myogenic potential of adipose-tissue-derived cells. <i>Journal of Cell Science</i> , 2006, 119, 2945-2952.	1.2	203
16	Local Delivery of Human Tissue Kallikrein Gene Accelerates Spontaneous Angiogenesis in Mouse Model of Hindlimb Ischemia. <i>Circulation</i> , 2001, 103, 125-132.	1.6	186
17	Epigenetic Histone Modification and Cardiovascular Lineage Programming in Mouse Embryonic Stem Cells Exposed to Laminar Shear Stress. <i>Circulation Research</i> , 2005, 96, 501-508.	2.0	178
18	Myoendothelial Differentiation of Human Umbilical Cord Blood-Derived Stem Cells in Ischemic Limb Tissues. <i>Circulation Research</i> , 2003, 93, e51-62.	2.0	176

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19	Dilated and Failing Cardiomyopathy in Bradykinin B2Receptor Knockout Mice. <i>Circulation</i> , 1999, 100, 2359-2365.	1.6	168
20	Analysis of the role of chemokines in angiogenesis. <i>Journal of Immunological Methods</i> , 2003, 273, 83-101.	0.6	168
21	microRNA: Emerging therapeutic targets in acute ischemic diseases. , 2010, 125, 92-104.		166
22	High-Mobility Group Box 1 Protein in Human and Murine Skin: Involvement in Wound Healing. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1545-1553.	0.3	146
23	Acidosis Inhibits Endothelial Cell Apoptosis and Function and Induces Basic Fibroblast Growth Factor and Vascular Endothelial Growth Factor Expression. <i>Circulation Research</i> , 2000, 86, 312-318.	2.0	142
24	VEGF 165 Expressed by a Replication-Deficient Recombinant Adenovirus Vector Induces Angiogenesis In Vivo. <i>Circulation Research</i> , 1995, 77, 1077-1086.	2.0	137
25	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> , 2002, 97, 161-168.	0.9	135
26	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.	0.9	133
27	Adenovirus-Mediated VEGF <sub>121</sub> Gene Transfer Stimulates Angiogenesis in Normoperfused Skeletal Muscle and Preserves Tissue Perfusion After Induction of Ischemia. <i>Circulation</i> , 2000, 102, 565-571.	1.6	130
28	Hypoxia Inhibits Myogenic Differentiation through Accelerated MyoD Degradation. <i>Journal of Biological Chemistry</i> , 2004, 279, 16332-16338.	1.6	130
29	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, 609-618.	0.9	126
30	MicroRNA signatures in peripheral blood mononuclear cells of chronic heart failure patients. <i>Physiological Genomics</i> , 2010, 42, 420-426.	1.0	123
31	Deep-sequencing of endothelial cells exposed to hypoxia reveals the complexity of known and novel microRNAs. <i>Rna</i> , 2012, 18, 472-484.	1.6	121
32	The SDF-1/CXCR4 axis in stem cell preconditioning. <i>Cardiovascular Research</i> , 2012, 94, 400-407.	1.8	121
33	Hydrogen Peroxide Induces Intracellular Calcium Oscillations in Human Aortic Endothelial Cells. <i>Circulation</i> , 1998, 97, 268-275.	1.6	120
34	Shear Stress-Mediated Chromatin Remodeling Provides Molecular Basis for Flow-Dependent Regulation of Gene Expression. <i>Circulation Research</i> , 2003, 93, 155-161.	2.0	119
35	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> , 1998, 98, 2195-2201.	1.6	118
36	Diagnostic Potential of Plasmatic MicroRNA Signatures in Stable and Unstable Angina. <i>PLoS ONE</i> , 2013, 8, e80345.	1.1	118

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37	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, 51-58.	2.0	114
38	Human cardiac and bone marrow stromal cells exhibit distinctive properties related to their origin. <i>Cardiovascular Research</i> , 2011, 89, 650-660.	1.8	114
39	p66 ShcA Modulates Tissue Response to Hindlimb Ischemia. <i>Circulation</i> , 2004, 109, 2917-2923.	1.6	111
40	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, 1093-1108.	3.9	110
41	Dysregulation and cellular mislocalization of specific miRNAs in myotonic dystrophy type 1. <i>Neuromuscular Disorders</i> , 2011, 21, 81-88.	0.3	109
42	Oxidative Stress Induces Protein Phosphatase 2A-dependent Dephosphorylation of the Pocket Proteins pRb, p107, and p130. <i>Journal of Biological Chemistry</i> , 2003, 278, 19509-19517.	1.6	105
43	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.	1.1	105
44	The Janus face of HMGB1 in heart disease: a necessary update. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 211-229.	2.4	99
45	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, 683-693.	0.9	97
46	Multiple Effects of High Mobility Group Box Protein 1 in Skeletal Muscle Regeneration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 2377-2383.	1.1	95
47	N <sup>ε</sup> -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, 2795-2800.	3.3	93
48	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.	1.1	93
49	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> , 2000, 102, 225-230.	1.6	89
50	Hypoxia-inducible Factor 1 $\alpha$ Induces miR-210 in Normoxic Differentiating Myoblasts. <i>Journal of Biological Chemistry</i> , 2012, 287, 44761-44771.	1.6	85
51	Nitric Oxide, Oxidative Stress, and $\beta$ -lactoglobulin-1 Induce Endothelial Dysfunction in Diabetic Endothelial Dysfunction. <i>BioMed Research International</i> , 2014, 2014, 1-16.	0.9	84
52	I-309 binds to and activates endothelial cell functions and acts as an angiogenic molecule in vivo. <i>Blood</i> , 2000, 96, 4039-4045.	0.6	82
53	Estrogen Receptor- $\alpha$ and Endothelial Nitric Oxide Synthase Nuclear Complex Regulates Transcription of Human Telomerase. <i>Circulation Research</i> , 2008, 103, 34-42.	2.0	81
54	Deregulated MicroRNAs in Myotonic Dystrophy Type 2. <i>PLoS ONE</i> , 2012, 7, e39732.	1.1	81

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55	The epicardium in cardiac repair: From the stem cell view. , 2011, 129, 82-96.		80
56	Knockdown of Cyclin-dependent Kinase Inhibitors Induces Cardiomyocyte Re-entry in the Cell Cycle. Journal of Biological Chemistry, 2011, 286, 8644-8654.	1.6	79
57	C-kit+ cardiac progenitors exhibit mesenchymal markers and preferential cardiovascular commitment. Cardiovascular Research, 2011, 89, 362-373.	1.8	77
58	Adenovirus-Mediated Human Tissue Kallikrein Gene Delivery Induces Angiogenesis in Normoperfused Skeletal Muscle. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 2379-2385.	1.1	76
59	Telomerase Mediates Vascular Endothelial Growth Factor-dependent Responsiveness in a Rat Model of Hind Limb Ischemia. Journal of Biological Chemistry, 2005, 280, 14790-14798.	1.6	76
60	In Vivo Angiogenesis Induced by Recombinant Adenovirus Vectors Coding Either for Secreted or Nonsecreted Forms of Acidic Fibroblast Growth Factor. Human Gene Therapy, 1995, 6, 1457-1465.	1.4	74
61	A Nitric Oxide-dependent Cross-talk between Class I and III Histone Deacetylases Accelerates Skin Repair. Journal of Biological Chemistry, 2013, 288, 11004-11012.	1.6	74
62	Autologous Peripheral Blood Stem Cell Transplantation for Myocardial Regeneration: A Novel Strategy for Cell Collection and Surgical Injection. Annals of Thoracic Surgery, 2004, 78, 1808-1812.	0.7	73
63	Exosomal clusterin, identified in the pericardial fluid, improves myocardial performance following MI through epicardial activation, enhanced arteriogenesis and reduced apoptosis. International Journal of Cardiology, 2015, 197, 333-347.	0.8	71
64	p66ShcA and Oxidative Stress Modulate Myogenic Differentiation and Skeletal Muscle Regeneration after Hind Limb Ischemia. Journal of Biological Chemistry, 2007, 282, 31453-31459.	1.6	69
65	Nitric oxide deficiency determines global chromatin changes in Duchenne muscular dystrophy. FASEB Journal, 2009, 23, 2131-2141.	0.2	69
66	NO sparks off chromatin: Tales of a multifaceted epigenetic regulator. , 2009, 123, 344-352.		69
67	Nerve growth factor induces angiogenic activity in a mouse model of hindlimb ischemia. Neuroscience Letters, 2002, 323, 109-112.	1.0	68
68	Gene expression profiles in peripheral blood mononuclear cells of chronic heart failure patients. Physiological Genomics, 2009, 38, 233-240.	1.0	68
69	Hypoxia/Reoxygenation Cardiac Injury and Regeneration in Zebrafish Adult Heart. PLoS ONE, 2013, 8, e53748.	1.1	68
70	RGDS peptide induces caspase 8 and caspase 9 activation in human endothelial cells. Blood, 2004, 103, 4180-4187.	0.6	67
71	The Histone Acetylase Activator Pentadecylidenemalonate 1b Rescues Proliferation and Differentiation in the Human Cardiac Mesenchymal Cells of Type 2 Diabetic Patients. Diabetes, 2014, 63, 2132-2147.	0.3	66
72	microRNAs as peripheral blood biomarkers of cardiovascular disease. Vascular Pharmacology, 2011, 55, 111-118.	1.0	65

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73	CTLA4lg Gene Transfer Prolongs Survival and Induces Donor-Specific Tolerance in a Rat Renal Allograft. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 747-752.	3.0	64
74	The mitochondrial genome in aging and senescence. <i>Ageing Research Reviews</i> , 2014, 18, 1-15.	5.0	63
75	Different Effects of High and Low Shear Stress on Platelet-Derived Growth Factor Isoform Release by Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 405-411.	1.1	61
76	p66ShcA modulates oxidative stress and survival of endothelial progenitor cells in response to high glucose. <i>Cardiovascular Research</i> , 2009, 82, 421-429.	1.8	61
77	Doxorubicin and Trastuzumab Regimen Induces Biventricular Failure in Mice. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 568-579.	1.2	61
78	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> , 2011, 9, 28.	1.8	60
79	Adenovirus-mediated gene transfer of wild-type p53 results in melanoma cell apoptosis in vitro and in vivo. <i>International Journal of Cancer</i> , 1995, 63, 673-679.	2.3	56
80	Acidification Prevents Endothelial Cell Apoptosis by Axl Activation. <i>Circulation Research</i> , 2002, 91, e4-12.	2.0	56
81	Protein Phosphatase 2A Subunit PR70 Interacts with pRb and Mediates Its Dephosphorylation. <i>Molecular and Cellular Biology</i> , 2008, 28, 873-882.	1.1	55
82	Endothelial progenitor cells and cardiovascular homeostasis: Clinical implications. <i>International Journal of Cardiology</i> , 2009, 131, 156-167.	0.8	55
83	Adenovirus-Mediated Acidic Fibroblast Growth Factor Gene Transfer Induces Angiogenesis in the Nonischemic Rabbit Heart. <i>Microvascular Research</i> , 1999, 58, 238-249.	1.1	54
84	Platelet-derived growth factor inhibits basic fibroblast growth factor angiogenic properties in vitro and in vivo through its $\alpha$ receptor. <i>Blood</i> , 2002, 99, 2045-2053.	0.6	54
85	Cardiac Stem Cells Fail With Aging. <i>Circulation Research</i> , 2004, 94, 411-413.	2.0	54
86	Enhanced Arteriogenesis and Wound Repair in Dystrophin-Deficient mdx Mice. <i>Circulation</i> , 2004, 110, 3341-3348.	1.6	53
87	Pivotal Advances: High-mobility group box 1 protein-a cytokine with a role in cardiac repair. <i>Journal of Leukocyte Biology</i> , 2007, 81, 41-45.	1.5	51
88	Methylation profiling by bisulfite sequencing analysis of the mtDNA Non-Coding Region in replicative and senescent Endothelial Cells. <i>Mitochondrion</i> , 2016, 27, 40-47.	1.6	51
89	Laminar shear stress inhibits CXCR4 expression on endothelial cells: functional consequences for atherogenesis. <i>FASEB Journal</i> , 2005, 19, 1-25.	0.2	50
90	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, 431-442.	1.4	50

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91	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, 1111-1121.	2.9	48
92	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.	3.0	48
93	Transglutaminase Activity Is Involved in Polyamine-Induced Programmed Cell Death. <i>Experimental Cell Research</i> , 2001, 271, 118-129.	1.2	47
94	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> , 2011, 2011, 1-11.	1.2	47
95	Hypoxia-Induced miR-210 Modulates Tissue Response to Acute Peripheral Ischemia. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1177-1188.	2.5	47
96	Sugar-Induced Modification of Fibroblast Growth Factor 2 Reduces Its Angiogenic Activity in Vivo. <i>American Journal of Pathology</i> , 2002, 161, 531-541.	1.9	46
97	The chemokine receptor CCR8 mediates rescue from dexamethasone-induced apoptosis via an ERK-dependent pathway. <i>Journal of Leukocyte Biology</i> , 2003, 73, 201-207.	1.5	46
98	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-e278.	0.8	46
99	The Emerging Role of miR-200 Family in Cardiovascular Diseases. <i>Circulation Research</i> , 2017, 120, 1399-1402.	2.0	45
100	Arteriogenesis Induced by Intramyocardial Vascular Endothelial Growth Factor 165 Gene Transfer in Chronically Ischemic Pigs. <i>Human Gene Therapy</i> , 2003, 14, 1307-1318.	1.4	43
101	The histone deacetylase inhibitor suberoylanilide hydroxamic acid reduces cardiac arrhythmias in dystrophic mice. <i>Cardiovascular Research</i> , 2010, 87, 73-82.	1.8	43
102	Cyclin D1 degradation enhances endothelial cell survival upon oxidative stress. <i>FASEB Journal</i> , 2006, 20, 1242-1244.	0.2	42
103	The Chemokine CXCL13 (BCA-1) Inhibits FGF-2 Effects on Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 19-24.	1.0	41
104	Electrophysiological properties of mouse bone marrow c-kit cells co-cultured onto neonatal cardiac myocytes. <i>Cardiovascular Research</i> , 2005, 66, 482-492.	1.8	41
105	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, 3405-3414.	1.6	41
106	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> , 2000, 114, 1188-1194.	0.3	40
107	Identification of a Novel Domain of Fibroblast Growth Factor 2 Controlling Its Angiogenic Properties. <i>Journal of Biological Chemistry</i> , 2003, 278, 8751-8760.	1.6	40
108	Heterodimerization of FGF-receptor 1 and PDGF-receptor- $\beta$ : a novel mechanism underlying the inhibitory effect of PDGF-BB on FGF-2 in human cells. <i>Blood</i> , 2006, 107, 1896-1902.	0.6	40

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109	Induction of myogenic differentiation by SDF-1 via CXCR4 and CXCR7 receptors. <i>Muscle and Nerve</i> , 2010, 41, 828-835.	1.0	40
110	Regulation of the endothelial cell cycle by the ubiquitin-proteasome system. <i>Cardiovascular Research</i> , 2010, 85, 272-280.	1.8	40
111	Oxidative stress, microRNAs and cytosolic calcium homeostasis. <i>Cell Calcium</i> , 2016, 60, 207-217.	1.1	40
112	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> , 1991, 179, 972-978.	1.0	39
113	Histone deacetylase inhibitors: Keeping momentum for neuromuscular and cardiovascular diseases treatment. <i>Pharmacological Research</i> , 2010, 62, 3-10.	3.1	39
114	Adenovirus-mediated wild-type p53 expression induces apoptosis and suppresses tumorigenesis of experimental intracranial human malignant glioma. <i>Journal of Neuro-Oncology</i> , 1999, 43, 99-108.	1.4	38
115	Regenerative Therapy in Peripheral Artery Disease. <i>Cardiovascular Therapeutics</i> , 2009, 27, 289-304.	1.1	38
116	Atherosclerotic plaque instability in carotid arteries: miR-200c as a promising biomarker. <i>Clinical Science</i> , 2018, 132, 2423-2436.	1.8	38
117	Angiotensin II Type 1 Receptor Blockade Prevents Cardiac Remodeling in Bradykinin B 2 Receptor Knockout Mice. <i>Hypertension</i> , 2000, 35, 391-396.	1.3	37
118	Enhancement of lysine acetylation accelerates wound repair. <i>Communicative and Integrative Biology</i> , 2013, 6, e25466.	0.6	37
119	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, 3405-3414.	1.6	36
120	Axl receptor activation mediates laminar shear stress anti-apoptotic effects in human endothelial cells. <i>Cardiovascular Research</i> , 2006, 71, 754-763.	1.8	35
121	ROD1 Is a Seedless Target Gene of Hypoxia-Induced miR-210. <i>PLoS ONE</i> , 2012, 7, e44651.	1.1	35
122	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.	1.8	35
123	MicroRNAs and myocardial infarction. <i>Current Opinion in Cardiology</i> , 2012, 27, 228-235.	0.8	34
124	The telomerase tale in vascular aging: regulation by estrogens and nitric oxide signaling. <i>Journal of Applied Physiology</i> , 2009, 106, 333-337.	1.2	33
125	Molecular imaging of nuclear factor- $\kappa$ B transcriptional activity maps proliferation sites in live animals. <i>Molecular Biology of the Cell</i> , 2012, 23, 1467-1474.	0.9	33
126	Doxorubicin upregulates CXCR4 via miR-200c/ZEB1-dependent mechanism in human cardiac mesenchymal progenitor cells. <i>Cell Death and Disease</i> , 2017, 8, e3020-e3020.	2.7	33



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127	Platelet-Derived Growth Factor-Receptor $\hat{\pm}$ Strongly Inhibits Melanoma Growth In Vitro and In Vivo. <i>Neoplasia</i> , 2009, 11, 732-W7.	2.3	32
128	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.	1.2	31
129	Transcriptional control of skin reepithelialization. <i>Journal of Dermatological Science</i> , 2014, 73, 3-9.	1.0	31
130	Endothelial Fate and Angiogenic Properties of Human CD34+Progenitor Cells in Zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1589-1597.	1.1	30
131	C/EBP $\hat{\pi}$ 3 Regulates Wound Repair and EGF Receptor Signaling. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1908-1917.	0.3	30
132	In Vitro Epigenetic Reprogramming of Human Cardiac Mesenchymal Stromal Cells into Functionally Competent Cardiovascular Precursors. <i>PLoS ONE</i> , 2012, 7, e51694.	1.1	30
133	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> , 1995, 77, 927-935.	2.0	30
134	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> , 1999, 118, 339-347.	0.4	29
135	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-H1884.	1.5	29
136	P300/CBP Associated Factor Regulates Nitroglycerin-Dependent Arterial Relaxation by N <sup><math>\hat{\mu}</math></sup> -Lysine Acetylation of Contractile Proteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2435-2443.	1.1	29
137	Detrimental Effect of Class-selective Histone Deacetylase Inhibitors during Tissue Regeneration following Hindlimb Ischemia. <i>Journal of Biological Chemistry</i> , 2013, 288, 22915-22929.	1.6	29
138	Characterization of the Pall Celeris system as a point-of-care device for therapeutic angiogenesis. <i>Cytotherapy</i> , 2015, 17, 1302-1313.	0.3	29
139	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> , 2000, 20, 1459-1466.	1.1	28
140	Platelet-derived Growth Factor-BB and Basic Fibroblast Growth Factor Directly Interact in Vitro with High Affinity. <i>Journal of Biological Chemistry</i> , 2002, 277, 1284-1291.	1.6	27
141	Intracellular targets of RGDS peptide in melanoma cells. <i>Molecular Cancer</i> , 2010, 9, 84.	7.9	27
142	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, 1500-1505.	0.7	26
143	Endothelial and cardiac progenitors: Boosting, conditioning and (re)programming for cardiovascular repair. , 2011, 129, 50-61.		26
144	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.	1.1	26

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145	Human chorionic villus mesenchymal stromal cells reveal strong endothelial conversion properties. <i>Differentiation</i> , 2012, 83, 260-270.	1.0	26
146	Gene Therapy with Angiogenic Factors: A New Potential Approach to the Treatment of Ischemic Diseases. <i>Journal of Molecular and Cellular Cardiology</i> , 1997, 29, 2311-2325.	0.9	25
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