Stefanie Dimmeler

List of PR Articles by Year in descending order

414 PR articles	58,588 PR citations	208 129 PR h-index	531 238 g-index
460 documents	74362 doc citations	198 144 h-index	61994 citing authors

#	Article	IF	PR Citations
1	Noncoding RNAs in the Vasculature: Basic Mechanisms and Therapeutic Perspectives. Arteriosclerosis, Thrombosis, and Vascular Biology, 2024, 44, 3-6.	6.3	5
2	SARS-CoV-2 induced vascular endothelial dysfunction: direct or indirect effects?. Cardiovascular Research, 2024, 120, 34-43.	5.7	29
3	DNMT3A clonal hematopoiesis-driver mutations induce cardiac fibrosis by paracrine activation of fibroblasts. Nature Communications, 2024, 15, .	13.9	48
4	Endothelial cells drive organ fibrosis in mice by inducing expression of the transcription factor SOX9. Science Translational Medicine, 2024, 16, .	12.7	42
5	Age-Dependent RGS5 Loss in Pericytes Induces Cardiac Dysfunction and Fibrosis. Circulation Research, 2024, 134, 1240-1255.	12.5	24
6	Improved integration of single-cell transcriptome data demonstrates common and unique signatures of heart failure in mice and humans. GigaScience, 2024, 13, .	3.2	8
7	Aging-regulated PNUTS maintains endothelial barrier function via SEMA3B suppression. Communications Biology, 2024, 7, .	4.4	2
8	Endothelial Heterogeneity in the Response to Autophagy Drives Small Vessel Muscularization in Pulmonary Hypertension. Circulation, 2024, 150, 466-487.	25.2	23
9	Loss of Y Chromosome and Cardiovascular Events in Chronic Kidney Disease. Circulation, 2024, 150, 746-757.	25.2	25
10	Poison cassette exon splicing ofSRSF6regulates nuclear speckle dispersal and the response to hypoxia. Nucleic Acids Research, 2023, 51, 870-890.	15.7	48
11	Mosaic loss of Y chromosome in monocytes is associated with lower survival after transcatheter aortic valve replacement. European Heart Journal, 2023, 44, 1943-1952.	2.3	58
12	The DZHK research platform: maximisation of scientific value by enabling access to health data and biological samples collected in cardiovascular clinical studies. Clinical Research in Cardiology, 2023, 112, 923-941.	2.9	13
13	Aging impairs the neurovascular interface in the heart. Science, 2023, 381, 897-906.	36.4	98
14	Single-nuclear transcriptome profiling identifies persistent fibroblast activation in hypertrophic and failing human hearts of patients with longstanding disease. Cardiovascular Research, 2023, 119, 2550-2562.	5.7	29
15	Cell-intrinsic effects of clonal hematopoiesis in heart failure. Nature Cardiovascular Research, 2023, , .	8.8	21
16	The lncRNA Sweetheart regulates compensatory cardiac hypertrophy after myocardial injury in murine males. Nature Communications, 2023, 14, .	13.9	8
17	The vasculature: a therapeutic target in heart failure?. Cardiovascular Research, 2022, 118, 53-64.	5.7	50
18	Locus-Conserved Circular RNA cZNF292 Controls Endothelial Cell Flow Responses. Circulation Research, 2022, 130, 67-79.	12.5	31

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19	Fibroblastâ€mediated intercellular crosstalk in the healthy and diseased heart. FEBS Letters, 2022, 596, 638-654.	2.7	60
20	Comparative analysis of common alignment tools for single-cell RNA sequencing. GigaScience, 2022, 11, .	3.2	31
21	Non-invasive imaging as the cornerstone of cardiovascular precision medicine. European Heart Journal Cardiovascular Imaging, 2022, 23, 465-475.	1.4	28
22	A human cell atlas of the pressure-induced hypertrophic heart. Nature Cardiovascular Research, 2022, 1, 174-185.	8.8	64
23	Single-cell technologies to decipher cardiovascular diseases. European Heart Journal, 2022, 43, 4536-4547.	2.3	38
24	Low Circulating Musclin is Associated With Adverse Prognosis in Patients Undergoing Transcatheter Aortic Valve Implantation at Lowâ€intermediate Risk. Journal of the American Heart Association, 2022, 11, .	4.3	13
25	The splicingâ€regulatory lncRNA NTRAS sustains vascular integrity. EMBO Reports, 2022, 23, .	5.2	8
26	Reduction of A-to-I RNA editing in the failing human heart regulates formation of circular RNAs. Basic Research in Cardiology, 2022, 117, .	7.1	39
27	The G3BP1-UPF1-Associated Long Non-Coding RNA CALA Regulates RNA Turnover in the Cytoplasm. Non-coding RNA, 2022, 8, 49.	2.2	5
28	Why isÂendothelial resilience key to maintain cardiac health?. Basic Research in Cardiology, 2022, 117, .	7.1	27
29	Longer leukocyte telomere length is associated with myeloid inflammation and increased mortality after transcatheter aortic valve replacement. European Heart Journal Open, 2022, 2, .	2.6	3
30	Disparity in female and Asian representation amongst cardiology journal editorial boards members: a call for empowerment. QJM - Monthly Journal of the Association of Physicians, 2022, , .	0.5	3
31	Targeting innate immunity-driven inflammation in CKD and cardiovascular disease. Nature Reviews Nephrology, 2022, 18, 762-778.	34.4	180
32	A coalition to healâ€"the impact of the cardiac microenvironment. Science, 2022, 377, .	36.4	60
33	DOT1L regulates chamber-specific transcriptional networks during cardiogenesis and mediates postnatal cell cycle withdrawal. Nature Communications, 2022, 13, .	13.9	25
34	Single-cell RNA-sequencing reveals profound changes in circulating immune cells in patients with heart failure. Cardiovascular Research, 2021, 117, 484-494.	5.7	71
35	Clonal Hematopoiesisâ€"Driver DNMT3A Mutations Alter Immune Cells in Heart Failure. Circulation Research, 2021, 128, 216-228.	12.5	231
36	Clonal haematopoiesis in chronic ischaemic heart failure: prognostic role of clone size for DNMT3A- and TET2-driver gene mutations. European Heart Journal, 2021, 42, 257-265.	2.3	144

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37	Mapping the Endothelial Cell S -Sulfhydrome Highlights the Crucial Role of Integrin Sulfhydration in Vascular Function. Circulation, 2021, 143, 935-948.	25.2	103
38	Single cell sequencing reveals endothelial plasticity with transient mesenchymal activation after myocardial infarction. Nature Communications, 2021, 12, .	13.9	269
39	Single Nuclei Sequencing Reveals Novel Insights Into the Regulation of Cellular Signatures in Children With Dilated Cardiomyopathy. Circulation, 2021, 143, 1704-1719.	25.2	58
40	Post-myocardial infarction heart failure dysregulates the bone vascular niche. Nature Communications, 2021, 12, .	13.9	35
41	Additive contribution of microRNA-34a/b/c to human arterial ageing and atherosclerosis. Atherosclerosis, 2021, 327, 49-58.	1.6	35
42	Increased susceptibility of human endothelial cells to infections by SARS-CoV-2 variants. Basic Research in Cardiology, 2021, 116, .	7.1	45
43	LncRNA AERRIE Is Required for Sulfatase 1 Expression, but Not for Endothelial-to-Mesenchymal Transition. International Journal of Molecular Sciences, 2021, 22, 8088.	4.5	8
44	The endothelial niche in heart failure: from development to regeneration. European Heart Journal, 2021, , .	2.3	3
45	The hydrogen-peroxide producing NADPH oxidase 4 does not limit neointima development after vascular injury in mice. Redox Biology, 2021, 45, 102050.	11.0	11
46	Long Non-coding RNA Aerrie Controls DNA Damage Repair via YBX1 to Maintain Endothelial Cell Function. Frontiers in Cell and Developmental Biology, 2021, 8, .	3.7	32
47	Angiotensin II receptor blocker intake associates with reduced markers of inflammatory activation and decreased mortality in patients with cardiovascular comorbidities and COVID-19 disease. PLoS ONE, 2021, 16, e0258684.	2.4	8
48	Mitochondrialâ€“cell cycle cross-talk drives endoreplication in heart disease. Science Translational Medicine, 2021, 13, .	12.7	21
49	Clonal haematopoiesis in patients with degenerative aortic valve stenosis undergoing transcatheter aortic valve implantation. European Heart Journal, 2020, 41, 933-939.	2.3	211
50	Dissection of heterocellular cross-talk in vascularized cardiac tissue mimetics. Journal of Molecular and Cellular Cardiology, 2020, 138, 269-282.	3.9	25
51	Clonal hematopoiesis, aging, and cardiovascular diseases. Experimental Hematology, 2020, 83, 95-104.	0.4	49
52	Cellular cross-talks in the diseased and aging heart. Journal of Molecular and Cellular Cardiology, 2020, 138, 136-146.	3.9	66
53	Efficiency and Target Derepression of Anti-miR-92a: Results of a First in Human Study. Nucleic Acid Therapeutics, 2020, 30, 335-345.	4.6	141
54	SARS-CoV-2 infects and induces cytotoxic effects in human cardiomyocytes. Cardiovascular Research, 2020, 116, 2207-2215.	5.7	227

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55	Long non-coding RNA LASSIE regulates shear stress sensing and endothelial barrier function. Communications Biology, 2020, 3, .	4.4	44
56	Noncoding RNAs in Cardiovascular Disease: Current Knowledge, Tools and Technologies for Investigation, and Future Directions: A Scientific Statement From the American Heart Association. Circulation Genomic and Precision Medicine, 2020, 13, .	3.3	87
57	Long Noncoding RNA TYKRIL Plays a Role in Pulmonary Hypertension via the p53-mediated Regulation of PDGFRÎ². American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1445-1457.	12.2	69
58	Non-coding RNAs: update on mechanisms and therapeutic targets from the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. Cardiovascular Research, 2020, 116, 1805-1819.	5.7	50
59	Deep Characterization of Circular RNAs from Human Cardiovascular Cell Models and Cardiac Tissue. Cells, 2020, 9, 1616.	4.8	27
60	Aging-regulated anti-apoptotic long non-coding RNA Sarrah augments recovery from acute myocardial infarction. Nature Communications, 2020, 11, .	13.9	99
61	Noncoding RNAs in Vascular Diseases. Circulation Research, 2020, 126, 1127-1145.	12.5	104
62	Cell type-specific expression of the putative SARS-CoV-2 receptor ACE2 in human hearts. European Heart Journal, 2020, 41, 1804-1806.	2.3	268
63	The histone demethylase JMJD2B regulates endothelial-to-mesenchymal transition. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4180-4187.	7.6	56
64	Leaders in Cardiovascular Research: Stefanie Dimmeler. Cardiovascular Research, 2020, 116, e202-e204.	5.7	5
65	Long non-coding RNA H19 regulates endothelial cell aging via inhibition of STAT3 signalling. Cardiovascular Research, 2019, 115, 230-242.	5.7	134
66	The lncRNA Locus Handsdown Regulates Cardiac Gene Programs and Is Essential for Early Mouse Development. Developmental Cell, 2019, 50, 644-657.e8.	7.8	85
67	Long non-coding RNAs in vascular biology and disease. Vascular Pharmacology, 2019, 114, 13-22.	2.5	55
68	Inhibition of the Hypoxia-Inducible Factor 1Î±â€“Induced Cardiospecific HERNA1 Enhance-Templated RNA Protects From Heart Disease. Circulation, 2019, 139, 2778-2792.	25.2	36
69	Role of Noncoding RNAs in the Pathogenesis of Abdominal Aortic Aneurysm. Circulation Research, 2019, 124, 619-630.	12.5	83
70	Association of Mutations Contributing to Clonal Hematopoiesis With Prognosis in Chronic Ischemic Heart Failure. JAMA Cardiology, 2019, 4, 25.	10.4	439
71	Hematopoietic Deficiency of the Long Noncoding RNA MALAT1 Promotes Atherosclerosis and Plaque Inflammation. Circulation, 2019, 139, 1320-1334.	25.2	200
72	Identification and regulation of the long non-coding RNA Heat2 in heart failure. Journal of Molecular and Cellular Cardiology, 2019, 126, 13-22.	3.9	36

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73	Endothelial to Mesenchymal Transition inÂCardiovascular Disease. Journal of the American College of Cardiology, 2019, 73, 190-209.	2.4	558
74	Transcriptional heterogeneity of fibroblasts is a hallmark of the aging heart. JCI Insight, 2019, 4, .	5.4	147
75	Therapeutisches Potenzial der nicht kodierenden RNAs fÃ¼r die akute und chronische MyokardischÃmie. Aktuelle Kardiologie, 2019, 8, 223-229.	0.0	0
76	Airn Regulates Igf2bp2 Translation in Cardiomyocytes. Circulation Research, 2018, 122, 1347-1353.	12.5	39
77	A novel long non-coding RNA Myolinc regulates myogenesis through TDP-43 and Filip1. Journal of Molecular Cell Biology, 2018, 10, 102-117.	3.6	67
78	Mechanisms of Cardiac Repair and Regeneration. Circulation Research, 2018, 122, 1151-1163.	12.5	171
79	The lncRNA GATA6-AS epigenetically regulates endothelial gene expression via interaction with LOXL2. Nature Communications, 2018, 9, .	13.9	184
80	Clonal Expansion of Endothelial Cells Contributes to Ischemia-Induced Neovascularization. Circulation Research, 2018, 122, 670-677.	12.5	121
81	Comparison of MOLLI, shMOLLLI, and SASHA in discrimination between health and disease and relationship with histologically derived collagen volume fraction. European Heart Journal Cardiovascular Imaging, 2018, 19, 768-776.	1.4	64
82	Switch in Laminin Î²2 to Laminin Î²1 Isoforms During Aging Controls Endothelial Cell Functionsâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1170-1177.	6.3	45
83	MikroRNA-92a-Hemmer fÃ¼r die Behandlung von Herz-Kreislauf-Erkrankungen. CardioVasc, 2018, 18, 47-51.	0.0	0
84	Non-coding RNAs in cardiovascular diseases: diagnostic and therapeutic perspectives. European Heart Journal, 2018, 39, 2704-2716.	2.3	368
85	Analysis of Cell Type-Specific Effects of MicroRNA-92a Provides Novel Insights Into Target Regulation and Mechanism of Action. Circulation, 2018, 138, 2545-2558.	25.2	77
86	Non-coding RNAs in vascular disease â€“ from basic science to clinical applications: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. Cardiovascular Research, 2018, 114, 1281-1286.	5.7	40
87	Heparin Induces the Mobilization of Heart-Derived Multipotent Mesoangioblasts During Cardiac Surgery With Cardiopulmonary Bypass or Cardiac Catheterization. Circulation Journal, 2018, 82, 1459-1465.	1.4	1
88	Amyloid-Î² (1-40) and Mortality in Patients With Nonâ€"ST-Segment Elevation Acute Coronary Syndrome. Annals of Internal Medicine, 2018, 168, 855.	10.4	43
89	RNA Therapeutics in Cardiovascular Disease. Circulation Research, 2018, 123, 205-220.	12.5	150
90	Myeloid Kdm6b deficiency results in advanced atherosclerosis. Atherosclerosis, 2018, 275, 156-165.	1.6	30

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91	Screening and validation of lncRNAs and circRNAs as miRNA sponges. Briefings in Bioinformatics, 2017, , bbw053.	6.7	265
92	RNAEditor: easy detection of RNA editing events and the introduction of editing islands. Briefings in Bioinformatics, 2017, , bbw087.	6.7	65
93	Netting Insights into Fibrosis. New England Journal of Medicine, 2017, 376, 1475-1477.	43.7	26
94	The consensus of the Task Force of the European Society of Cardiology concerning the clinical investigation of the use of autologous adult stem cells for the treatment of acute myocardial infarction and heart failure: update 2016. European Heart Journal, 2017, 38, 2930-2935.	2.3	61
95	Epigenomic and transcriptomic approaches in the post-genomic era: path to novel targets for diagnosis and therapy of the ischaemic heart? Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2017, 113, 725-736.	5.7	125
96	Light-inducible antimiR-92a as a therapeutic strategy to promote skin repair in healing-impaired diabetic mice. Nature Communications, 2017, 8, .	13.9	129
97	Transcoronary Concentration Gradient of microRNA-133a and Outcome in Patients With Coronary Artery Disease. American Journal of Cardiology, 2017, 120, 15-24.	1.9	54
98	Identification and Functional Characterization of Hypoxia-Induced Endoplasmic Reticulum Stress Regulating lncRNA (HypERlnc) in Pericytes. Circulation Research, 2017, 121, 368-375.	12.5	71
99	Circular <scp>RNAs</scp> in heart failure. European Journal of Heart Failure, 2017, 19, 701-709.	7.8	185
100	Shear stress-regulated miR-27b controls pericyte recruitment by repressing SEMA6A and SEMA6D. Cardiovascular Research, 2017, 113, 681-691.	5.7	41
101	Macrophage Kdm6b Controls the Pro-Fibrotic Transcriptome Signature of Foam Cells. Epigenomics, 2017, 9, 383-391.	2.3	27
102	Endothelial transcription factor KLF2 negatively regulates liver regeneration via induction of activin A. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3993-3998.	7.6	39
103	Long Noncoding RNA MANTIS Facilitates Endothelial Angiogenic Function. Circulation, 2017, 136, 65-79.	25.2	227
104	The effect of intracoronary infusion of bone marrowâ€derived mononuclear cells on allâ€cause mortality in acute myocardial infarction: rationale and design of the <scp>BAMI</scp> trial. European Journal of Heart Failure, 2017, 19, 1545-1550.	7.8	46
105	Genetic and pharmacological inhibition of microRNA-92a maintains podocyte cell cycle quiescence and limits crescentic glomerulonephritis. Nature Communications, 2017, 8, .	13.9	56
106	Improved risk stratification in prevention by use of a panel of selected circulating microRNAs. Scientific Reports, 2017, 7, .	3.5	24
107	Endogenous developmental endothelial locus-1 limits ischaemia- related angiogenesis by blocking inflammation. Thrombosis and Haemostasis, 2017, 117, 1150-1163.	4.2	32
108	Global position paper on cardiovascular regenerative medicine. European Heart Journal, 2017, 38, 2532-2546.	2.3	147

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109	JMJD8 Regulates Angiogenic Sprouting and Cellular Metabolism by Interacting With Pyruvate Kinase M2 in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1425-1433.	6.3	49
110	Adenosine-to-inosine RNA editing controls cathepsin S expression in atherosclerosis by enabling HuR-mediated post-transcriptional regulation. Nature Medicine, 2016, 22, 1140-1150.	39.5	275
111	ANGIOGENES: knowledge database for protein-coding and noncoding RNA genes in endothelial cells. Scientific Reports, 2016, 6, .	3.5	35
112	Novel therapeutic strategies targeting fibroblasts and fibrosis in heart disease. Nature Reviews Drug Discovery, 2016, 15, 620-638.	82.4	301
113	Inhibition of let-7 augments the recruitment of epicardial cells and improves cardiac function after myocardial infarction. Journal of Molecular and Cellular Cardiology, 2016, 94, 145-152.	3.9	34
114	Metabolism Regulates Cellular Functions of Bone Marrow-Derived Cells used for Cardiac Therapy. Stem Cells, 2016, 34, 2236-2248.	3.3	7
115	Long noncoding RNAMALAT1-derived mascRNA is involved in cardiovascular innate immunity. Journal of Molecular Cell Biology, 2016, 8, 178-181.	3.6	61
116	Transcoronary gradients of vascular miRNAs and coronary atherosclerotic plaque characteristics. European Heart Journal, 2016, 37, 1738-1749.	2.3	73
117	Long Noncoding RNAs. Journal of the American College of Cardiology, 2016, 67, 1214-1226.	2.4	441
118	Improved outcome with repeated intracoronary injection of bone marrow-derived cells within a registry: rationale for the randomized outcome trial REPEAT. European Heart Journal, 2016, 37, 1659-1666.	2.3	42
119	The identification and characterization of novel transcripts from RNA-seq data. Briefings in Bioinformatics, 2016, 17, 678-685.	6.7	37
120	Reprogramming of myeloid angiogenic cells byBartonella henselaeleads to microenvironmental regulation of pathological angiogenesis. Cellular Microbiology, 2015, 17, 1447-1463.	1.4	17
121	Novel methodologies for biomarker discovery in atherosclerosis. European Heart Journal, 2015, 36, 2635-2642.	2.3	187
122	CardioPulse ArticlesLeaders in cardiovascular researchPerfectly placed: Stefanie Dimmeler on the importance of finding the right nicheThe European Society of Cardiology in Rio 2015The Brazilian Society of CardiologyThe Acute Cardiovascular Care Association: defining and developing a new specialtyBook ReviewThe European Society of Cardiology textbook of intensive and acute cardiovascular careVenous thromboembolism patients and mental health. European Heart Journal, 2015, 36, 2548-2554.	2.3	0
123	Laminar Shear Stress Inhibits Endothelial Cell Metabolism via KLF2-Mediated Repression of PFKFB3. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 137-145.	6.3	271
124	C-It-Loci: a knowledge database for tissue-enriched loci. Bioinformatics, 2015, 31, 3537-3543.	4.8	32
125	State-of-the-Art Methods for Evaluation of Angiogenesis and Tissue Vascularization. Circulation Research, 2015, 116, .	12.5	134
126	Amyloid-Beta (1-40) and the Risk of Death From Cardiovascular Causes in Patients With Coronary Heart Disease. Journal of the American College of Cardiology, 2015, 65, 904-916.	2.4	125

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127	A Universal Aptamer Chimera for the Delivery of Functional microRNA-126. Nucleic Acid Therapeutics, 2015, 25, 141-151.	4.6	42
128	Long Noncoding RNAs in Cardiovascular Diseases. Circulation Research, 2015, 116, 737-750.	12.5	709
129	New potential diagnostic biomarkers for pulmonary hypertension. European Respiratory Journal, 2015, 46, 1390-1396.	12.1	34
130	MicroRNA-30 mediates anti-inflammatory effects of shear stress and KLF2 via repression of angiopoietin 2. Journal of Molecular and Cellular Cardiology, 2015, 88, 111-119.	3.9	55
131	Rab7a and Rab27b control secretion of endothelial microRNA through extracellular vesicles. FEBS Letters, 2015, 589, 3182-3188.	2.7	82
132	Identification and Characterization of Hypoxia-Regulated Endothelial Circular RNA. Circulation Research, 2015, 117, 884-890.	12.5	333
133	The Small Fibrinopeptide Bβ15â€“42 as Renoprotective Agent Preserving the Endothelial and Vascular Integrity in Early Ischemia Reperfusion Injury in the Mouse Kidney. PLoS ONE, 2014, 9, e84432.	2.4	16
134	The Early Activation of Toll-Like Receptor (TLR)-3 Initiates Kidney Injury after Ischemia and Reperfusion. PLoS ONE, 2014, 9, e94366.	2.4	35
135	Phenotypic Characterization of miR-92aâ¯/â¯ Mice Reveals an Important Function of miR-92a in Skeletal Development. PLoS ONE, 2014, 9, e101153.	2.4	27
136	Long-term inhibition of miR-21 leads to reduction of obesity in db/db mice. Obesity, 2014, 22, 2352-2360.	4.2	69
137	The Challenges of Autologous Cell Therapy: Systemic Anti-thrombotic Therapies Interfering with Serum Coagulation May Disable Autologous Serum-Containing Cell Products for Therapeutical Use. Journal of Cardiovascular Translational Research, 2014, 7, 644-650.	2.1	4
138	Vascular Niche Controls Organ Regeneration. Circulation Research, 2014, 114, 1077-1079.	12.5	14
139	Inhibition of miR-92a improves re-endothelialization and prevents neointima formation following vascular injury. Cardiovascular Research, 2014, 103, 564-572.	5.7	131
140	Long Noncoding RNA MALAT1 Regulates Endothelial Cell Function and Vessel Growth. Circulation Research, 2014, 114, 1389-1397.	12.5	909
141	Brag2 differentially regulates β1- and β3-integrin-dependent adhesion in endothelial cells and is involved in developmental and pathological angiogenesis. Basic Research in Cardiology, 2014, 109, .	7.1	22
142	Long-term clinical outcome after intracoronary application of bone marrow-derived mononuclear cells for acute myocardial infarction: migratory capacity of administered cells determines event-free survival. European Heart Journal, 2014, 35, 1275-1283.	2.3	102
143	MicroRNA-126 in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	6.3	32
144	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.	4.4	74

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145	MicroRNAs in myocardial infarction. Nature Reviews Cardiology, 2014, 12, 135-142.	37.5	342
146	Regulation of miRâ€17â€92a cluster processing by the microRNA binding protein SND1. FEBS Letters, 2013, 587, 2405-2411.	2.7	20
147	Impact of intracoronary reinfusion of bone marrow-derived mononuclear progenitor cells on cardiopulmonary exercise capacity in patients with chronic postinfarction heart failure. Clinical Research in Cardiology, 2013, 102, 619-625.	2.9	11
148	MicroRNAs in Stem Cell Function and Regenerative Therapy of the Heart. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1739-1746.	6.3	56
149	EGFL7 ligates Î±vÎ²3 integrin to enhance vessel formation. Blood, 2013, 121, 3041-3050.	4.2	71
150	Histone Deacetylase 9 Promotes Angiogenesis by Targeting the Antiangiogenic MicroRNA-17â€“92 Cluster in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 533-543.	6.3	110
151	Immunosenescenceâ€associated microRNAs in age and heart failure. European Journal of Heart Failure, 2013, 15, 385-393.	7.8	54
152	Jmjd3 Controls Mesodermal and Cardiovascular Differentiation of Embryonic Stem Cells. Circulation Research, 2013, 113, 856-862.	12.5	82
153	Nfat and miR-25 cooperate to reactivate the transcription factor Hand2 in heart failure. Nature Cell Biology, 2013, 15, 1282-1293.	16.9	133
154	MicroRNAs in ageâ€related diseases. EMBO Molecular Medicine, 2013, 5, 180-190.	7.2	182
155	Reduced MicroRNA-150 Is Associated with Poor Survival in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 294-302.	12.2	163
156	Heparin Selectively Affects the Quantification of MicroRNAs in Human Blood Samples. Clinical Chemistry, 2013, 59, 1125-1127.	1.1	97
157	Stefanie Dimmeler: Passionate, Persistent, and Highly Productive. Circulation Research, 2013, 113, 962-964.	12.5	1
158	Effect of Shock Waveâ€“Facilitated Intracoronary Cell Therapy on LVEF in Patients With Chronic Heart Failure. JAMA - Journal of the American Medical Association, 2013, 309, 1622.	17.1	168
159	Regulating Angiogenesis with Lightâ€inducible AntimiRs. Angewandte Chemie - International Edition, 2013, 52, 13558-13561.	14.4	53
160	Characterization of Levels and Cellular Transfer of Circulating Lipoprotein-Bound MicroRNAs. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1392-1400.	6.3	307
161	Inhibition of MicroRNA-92a Protects Against Ischemia/Reperfusion Injury in a Large-Animal Model. Circulation, 2013, 128, 1066-1075.	25.2	308
162	Procedural Safety and Predictors of Acute Outcome of Intracoronary Administration of Progenitor Cells in 775 Consecutive Procedures Performed for Acute Myocardial Infarction or Chronic Heart Failure. Circulation: Cardiovascular Interventions, 2013, 6, 44-51.	5.7	22

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163	Regulation der Angiogenese durch lichtinduzierbare AntimiRs. Angewandte Chemie, 2013, 125, 13801-13805.	1.4	23
164	Recent molecular discoveries in angiogenesis and antiangiogenic therapies in cancer. Journal of Clinical Investigation, 2013, 123, 3190-3200.	10.7	554
165	Elevated Levels of the Mediator of Catabolic Bone Remodeling RANKL in the Bone Marrow Environment Link Chronic Heart Failure with Osteoporosis. Circulation: Heart Failure, 2012, 5, 769-777.	5.4	36
166	Inhibition of MicroRNA-17 Improves Lung and Heart Function in Experimental Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 409-419.	12.2	223
167	Soluble epoxide hydrolase regulates hematopoietic progenitor cell function via generation of fatty acid diols. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9995-10000.	7.6	64
168	Intracoronary bone marrow cell application for terminal heart failure in children. Cardiology in the Young, 2012, 22, 558-563.	0.9	53
169	Heparin Disrupts the CXCR4/SDF-1 Axis and Impairs the Functional Capacity of Bone Marrowâ€“Derived Mononuclear Cells Used for Cardiovascular Repair. Circulation Research, 2012, 111, 854-862.	12.5	96
170	Acute myocardial infarction activates progenitor cells and increases Wnt signalling in the bone marrow. European Heart Journal, 2012, 33, 1911-1919.	2.3	64
171	G-CSF Stimulation and Coronary Reinfusion of Mobilized Circulating Mononuclear Proangiogenic Cells in Patients with Chronic Ischemic Heart Disease: Five-Year Results of the TOPCARE-G-CSF Trial. Cell Transplantation, 2012, 21, 2325-2337.	2.7	16
172	Atheroprotective mechanisms of shear stress-regulated microRNAs. Thrombosis and Haemostasis, 2012, 108, 616-620.	4.2	74
173	Regulation of Cardiac MicroRNAs by Bone Marrow Mononuclear Cell Therapy in Myocardial Infarction. Circulation, 2012, 125, 1765-1773.	25.2	78
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