

Rosalinda Madonna

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.

140
papers

4,187
citations

36
h-index

59
g-index

153
ext. papers

5,093
ext. citations

6.1
avg, IF

5.62
L-index

#	Paper	IF	Citations
140	Animal models and animal-free innovations for cardiovascular research: current status and routes to be explored. Consensus document of the ESC working group on myocardial function and the ESC Working Group on Cellular Biology of the Heart.. <i>Cardiovascular Research</i> , 2022 ,	9.9	3
139	Sex-related differential susceptibility to ponatinib cardiotoxicity and differential modulation of the Notch1 signalling pathway in a murine model.. <i>Journal of Cellular and Molecular Medicine</i> , 2022 ,	5.6	1
138	Angiocrine endothelium: From physiology to atherosclerosis and cardiac repair.. <i>Vascular Pharmacology</i> , 2022 , 106993	5.9	1
137	Exercise-induced pulmonary hypertension in HFpEF and HFrEF: Different pathophysiologic mechanism behind similar functional impairment.. <i>Vascular Pharmacology</i> , 2022 , 106978	5.9	2
136	Immune cells in cardiac homeostasis and disease: emerging insights from novel technologies.. <i>European Heart Journal</i> , 2021 ,	9.5	7
135	Sodium-glucose cotransporter type 2 inhibitors prevent ponatinib-induced endothelial senescence and dysfunction: A potential rescue strategy. <i>Vascular Pharmacology</i> , 2021 , 142, 106949	5.9	1
134	Prognostically relevant periprocedural myocardial injury and infarction associated with percutaneous coronary interventions: a Consensus Document of the ESC Working Group on Cellular Biology of the Heart and European Association of Percutaneous Cardiovascular Interventions (EAPCI). <i>European Heart Journal</i> , 2021 , 42, 2630-2642	9.5	13
133	Connexin 43 and Connexin 26 Involvement in the Ponatinib-Induced Cardiomyopathy: Sex-Related Differences in a Murine Model. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
132	Telomerase/myocardin expressing mesenchymal cells induce survival and cardiovascular markers in cardiac stromal cells undergoing ischaemia/reperfusion. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 5381-5390	5.6	2
131	COVID-19-related cardiac complications from clinical evidences to basic mechanisms: opinion paper of the ESC Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2021 , 117, 2148-2160	9.9	8
130	Exploring the mechanisms of action of gliflozines in heart failure and possible implications in pulmonary hypertension. <i>Vascular Pharmacology</i> , 2021 , 138, 106839	5.9	2
129	Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. <i>Pharmacological Research</i> , 2021 , 168, 105581	10.2	12
128	Improving translational research in sex-specific effects of comorbidities and risk factors in ischaemic heart disease and cardioprotection: position paper and recommendations of the ESC Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2021 , 117, 367-385	9.9	24
127	Insights into therapeutic products, preclinical research models, and clinical trials in cardiac regenerative and reparative medicine: where are we now and the way ahead. Current opinion paper of the ESC Working Group on Cardiovascular Regenerative and Reparative Medicine. <i>Cardiovascular Research</i> , 2021 , 117, 1428-1433	9.9	7
126	Anthracyclines and regional myocardial damage in breast cancer patients. A multicentre study from the Working Group on Drug Cardiotoxicity and Cardioprotection, Italian Society of Cardiology (SIC). <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 406-415	4.1	1
125	Exercise-induced pulmonary hypertension in HIV patients: Association with poor clinical and immunological status. <i>Vascular Pharmacology</i> , 2021 , 139, 106888	5.9	0
124	Is it the time of seno-therapeutics application in cardiovascular pathological conditions related to ageing?. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021 , 2, 100027	3	0

123	Pharmacogenomics and circadian rhythms as mediators of cardiovascular drug-drug interactions.. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021 , 2, 100025	3	0
122	Multi-Target Drugs for Blood Cancer in the Elderly: Implications of Damage and Repair in the Cardiovascular Toxicity.. <i>Frontiers in Physiology</i> , 2021 , 12, 792751	4.6	0
121	Transplantation of telomerase/myocardin-co-expressing mesenchymal cells in the mouse promotes myocardial revascularization and tissue repair. <i>Vascular Pharmacology</i> , 2020 , 135, 106807	5.9	3
120	Cardiomyocyte ageing and cardioprotection: consensus document from the ESC working groups cell biology of the heart and myocardial function. <i>Cardiovascular Research</i> , 2020 , 116, 1835-1849	9.9	15
119	Stimulating pro-reparative immune responses to prevent adverse cardiac remodelling: consensus document from the joint 2019 meeting of the ESC Working Groups of cellular biology of the heart and myocardial function. <i>Cardiovascular Research</i> , 2020 , 116, 1850-1862	9.9	7
118	Ponatinib Induces Vascular Toxicity through the Notch-1 Signaling Pathway. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	9
117	Non-coding RNAs: update on mechanisms and therapeutic targets from the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2020 , 116, 1805-1819	9.9	18
116	Isolated Exercise-Induced Pulmonary Hypertension Associates with Higher Cardiovascular Risk in Scleroderma Patients. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
115	Co-expression of glycosylated aquaporin-1 and transcription factor NFAT5 contributes to aortic stiffness in diabetic and atherosclerosis-prone mice. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 2857-2865	5.6	4
114	Pulse wave velocity in white coat and masked hypertension. <i>Journal of Clinical Hypertension</i> , 2020 , 22, 812-813	2.3	0
113	Simulated hyperglycemia impairs insulin signaling in endothelial cells through a hyperosmolar mechanism. <i>Vascular Pharmacology</i> , 2020 , 130, 106678	5.9	9
112	The Fourth European-South African Cardiovascular Research Workshop. <i>European Heart Journal</i> , 2020 , 41, 203-204	9.5	
111	Association of the European Society of Cardiology echocardiographic probability grading for pulmonary hypertension with short and mid-term clinical outcomes after heart valve surgery. <i>Vascular Pharmacology</i> , 2020 , 125-126, 106648	5.9	3
110	Cardiac dysfunction in cancer patients: beyond direct cardiomyocyte damage of anticancer drugs: novel cardio-oncology insights from the joint 2019 meeting of the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2020 , 116, 1820-1834	9.9	17
109	The ESC Working Group on Cellular Biology of the Heart. <i>European Heart Journal</i> , 2020 , 41, 2614-2616	9.5	
108	Empagliflozin reduces the senescence of cardiac stromal cells and improves cardiac function in a murine model of diabetes. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 12331-12340	5.6	9
107	The Nutrigenetics of Cardiovascular Disease 2020 , 355-360		0
106	Impact of Sex Differences and Diabetes on Coronary Atherosclerosis and Ischemic Heart Disease. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	28

105	ESC Working Group on Cellular Biology of the Heart: position paper for Cardiovascular Research: tissue engineering strategies combined with cell therapies for cardiac repair in ischaemic heart disease and heart failure. <i>Cardiovascular Research</i> , 2019 , 115, 488-500	9.9	51
104	Developmental programming of adult haematopoiesis system. <i>Ageing Research Reviews</i> , 2019 , 54, 100918	18	12
103	Proteomic analysis of the secretome of adipose tissue-derived murine mesenchymal cells overexpressing telomerase and myocardin. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 131, 171-186	5.8	11
102	The epicardial adipose tissue and the coronary arteries: dangerous liaisons. <i>Cardiovascular Research</i> , 2019 , 115, 1013-1025	9.9	25
101	Perspectives on Directions and Priorities for Future Preclinical Studies in Regenerative Medicine. <i>Circulation Research</i> , 2019 , 124, 938-951	15.7	20
100	Diagnostic and Prognostic Relevance of Red Blood Cell Distribution Width for Vascular Aging and Cardiovascular Diseases. <i>Rejuvenation Research</i> , 2019 , 22, 146-162	2.6	16
99	Sex differences in anthracycline-induced cardiotoxicity: the benefits of estrogens. <i>Heart Failure Reviews</i> , 2019 , 24, 915-925	5	24
98	Prevention and Clinical Management of Cardiovascular Damage Induced by Anticancer Drugs: Need for Early Biomarkers and Cardio- and Vasculoprotection in Personalized Therapy. <i>Current Clinical Pathology</i> , 2019 , 183-204	0.1	
97	From Molecular Mechanisms to Clinical Management of Antineoplastic Drug-Induced Cardiovascular Toxicity: A Translational Overview. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 2110-2153	8.4	73
96	Diabetic macroangiopathy: Pathogenetic insights and novel therapeutic approaches with focus on high glucose-mediated vascular damage. <i>Vascular Pharmacology</i> , 2018 ,	5.9	25
95	Potential cardiac risk of immune-checkpoint blockade as anticancer treatment: What we know, what we do not know, and what we can do to prevent adverse effects. <i>Medicinal Research Reviews</i> , 2018 , 38, 1447-1468	14.4	12
94	Extracellular vesicles in diagnostics and therapy of the ischaemic heart: Position Paper from the Working Group on Cellular Biology of the Heart of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018 , 114, 19-34	9.9	198
93	Innate and adaptive immunity in atherosclerosis. <i>Vascular Pharmacology</i> , 2018 , 107, 67-67	5.9	32
92	Perivascular fibrosis and the microvasculature of the heart. Still hidden secrets of pathophysiology?. <i>Vascular Pharmacology</i> , 2018 , 107, 78-78	5.9	14
91	Epigenetic modulation of vascular diseases: Assessing the evidence and exploring the opportunities. <i>Vascular Pharmacology</i> , 2018 ,	5.9	8
90	Antineoplastic Drug-Induced Cardiotoxicity: A Redox Perspective. <i>Frontiers in Physiology</i> , 2018 , 9, 167	4.6	74
89	Diabetic microangiopathy: Pathogenetic insights and novel therapeutic approaches. <i>Vascular Pharmacology</i> , 2017 , 90, 1-7	5.9	64
88	Loss of Smooth Muscle β Actin Leads to NF- κ B-Dependent Increased Sensitivity to Angiotensin II in Smooth Muscle Cells and Aortic Enlargement. <i>Circulation Research</i> , 2017 , 120, 1903-1915	15.7	35

87	Epigenomic and transcriptomic approaches in the post-genomic era: path to novel targets for diagnosis and therapy of the ischaemic heart? Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2017 , 113, 725-736	9.9	85
86	Novel targets and future strategies for acute cardioprotection: Position Paper of the European Society of Cardiology Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2017 , 113, 564-585	9.9	206
85	Early Diagnosis and Prediction of Anticancer Drug-induced Cardiotoxicity: From Cardiac Imaging to "Omics" Technologies. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017 , 70, 576-582	0.7	3
84	The acute impact of high-dose lipid-lowering treatment on endothelial progenitor cells in patients with coronary artery disease-The REMEDY-EPC early substudy. <i>PLoS ONE</i> , 2017 , 12, e0172800	3.7	9
83	Global position paper on cardiovascular regenerative medicine. <i>European Heart Journal</i> , 2017 , 38, 2532-2546	9.9	90
82	Diagnóstico y prevención de la cardiotoxicidad inducida por fármacos antineoplásicos: de la imagen a las tecnologías «ómicas». <i>Revista Espanola De Cardiologia</i> , 2017 , 70, 576-582	1.5	5
81	ESC Joint Working Groups on Cardiovascular Surgery and the Cellular Biology of the Heart Position Paper: Perioperative myocardial injury and infarction in patients undergoing coronary artery bypass graft surgery. <i>European Heart Journal</i> , 2017 , 38, 2392-2407	9.5	75
80	Melatonin as a cardioprotective therapy following ST-segment elevation myocardial infarction: is it really promising? Reply. <i>Cardiovascular Research</i> , 2017 , 113, 1418-1419	9.9	9
79	Toll-like receptor-4 signaling pathway in aorta aging and diseases: "its double nature". <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 110, 38-53	5.8	33
78	Anticancer therapy-induced vascular toxicity: VEGF inhibition and beyond. <i>International Journal of Cardiology</i> , 2017 , 227, 11-17	3.2	52
77	Novel insights in pathophysiology of antiproliferative drugs-induced cardiotoxicity and cardioprotection. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S76-83	1.9	22
76	Preventing antiproliferative drug-related cardiomyopathy: old and new therapeutic strategies. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S64-75	1.9	18
75	Current views on anthracycline cardiotoxicity. <i>Heart Failure Reviews</i> , 2016 , 21, 621-34	5	35
74	Stem Cell Therapies for Cardiac Regeneration: Current Burden Future Directions. <i>Pancreatic Islet Biology</i> , 2016 , 191-196	0.4	
73	Cellular and molecular basis of the imbalance between vascular damage and repair in ageing and age-related diseases: As biomarkers and targets for new treatments. <i>Mechanisms of Ageing and Development</i> , 2016 , 159, 22-30	5.6	31
72	High glucose-induced hyperosmolarity contributes to COX-2 expression and angiogenesis: implications for diabetic retinopathy. <i>Cardiovascular Diabetology</i> , 2016 , 15, 18	8.7	53
71	Effect of High-Dose Atorvastatin Reload on the Release of Endothelial Progenitor Cells in Patients on Long-Term Statin Treatment Who Underwent Percutaneous Coronary Intervention (from the ARMYDA-EPC Study). <i>American Journal of Cardiology</i> , 2016 , 117, 165-71	3	21
70	Induced Pluripotent Stem Cells for Cardiac Regeneration. <i>Pancreatic Islet Biology</i> , 2016 , 31-43	0.4	

69	Novel Strategies in the Treatment of Pulmonary Arterial Hypertension. <i>Current Drug Targets</i> , 2016 , 17, 817-23	3	5
68	Exogenous Nitric Oxide Protects Human Embryonic Stem Cell-Derived Cardiomyocytes against Ischemia/Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 4298945	6.7	12
67	Pathophysiology of anthracycline cardiotoxicity. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S3-S11	1.9	25
66	A recommended practical approach to the management of anthracycline-based chemotherapy cardiotoxicity: an opinion paper of the working group on drug cardiotoxicity and cardioprotection, Italian Society of Cardiology. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S84-92	1.9	39
65	A recommended practical approach to the management of target therapy and angiogenesis inhibitors cardiotoxicity: an opinion paper of the working group on drug cardiotoxicity and cardioprotection, Italian Society of Cardiology. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S93-S104	1.9	31
64	Rosuvastatin for Reduction of Myocardial Damage during Coronary Angioplasty - the Remedy Trial. <i>Cardiovascular Drugs and Therapy</i> , 2016 , 30, 465-472	3.9	5
63	Cardiovascular imaging in the diagnosis and monitoring of cardiotoxicity: role of echocardiography. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 1, S35-44	1.9	15
62	The emerging role of Notch pathway in ageing: Focus on the related mechanisms in age-related diseases. <i>Ageing Research Reviews</i> , 2016 , 29, 50-65	12	46
61	Position Paper of the European Society of Cardiology Working Group Cellular Biology of the Heart: cell-based therapies for myocardial repair and regeneration in ischemic heart disease and heart failure. <i>European Heart Journal</i> , 2016 , 37, 1789-98	9.5	163
60	"State-of-Art" paper of the Italian Working Group on Atherosclerosis: Preclinical assessment of early coronary atherosclerosis. <i>International Journal of Cardiology</i> , 2016 , 214, 442-7	3.2	10
59	Aerobic exercise-related attenuation of arterial pulmonary hypertension: A right arrow targets the disease?. <i>Vascular Pharmacology</i> , 2016 , 87, 6-9	5.9	4
58	Epigenetic regulation of insulin-like growth factor signaling: A novel insight into the pathophysiology of neonatal pulmonary hypertension. <i>Vascular Pharmacology</i> , 2015 , 73, 4-7	5.9	11
57	Pathways and Drugs in Pulmonary Arterial Hypertension - Focus on the Role of Endothelin Receptor Antagonists. <i>Cardiovascular Drugs and Therapy</i> , 2015 , 29, 469-79	3.9	17
56	Transplantation of adipose tissue mesenchymal cells conjugated with VEGF-releasing microcarriers promotes repair in murine myocardial infarction. <i>Cardiovascular Research</i> , 2015 , 108, 39-49	9.9	45
55	Circulating endothelial progenitor cells: Do they live up to their name?. <i>Vascular Pharmacology</i> , 2015 , 67-69, 2-5	5.9	43
54	Cardioprotection by gene therapy: A review paper on behalf of the Working Group on Drug Cardiotoxicity and Cardioprotection of the Italian Society of Cardiology. <i>International Journal of Cardiology</i> , 2015 , 191, 203-10	3.2	25
53	Improving the preclinical models for the study of chemotherapy-induced cardiotoxicity: a Position Paper of the Italian Working Group on Drug Cardiotoxicity and Cardioprotection. <i>Heart Failure Reviews</i> , 2015 , 20, 621-31	5	32
52	Stem Cell Aging and Age-Related Cardiovascular Disease: Perspectives of Treatment by Ex-vivo Stem Cell Rejuvenation. <i>Current Drug Targets</i> , 2015 , 16, 780-5	3	7

51	Aquaporin-1 and sodium-hydrogen exchangers as pharmacological targets in diabetic atherosclerosis. <i>Current Drug Targets</i> , 2015 , 16, 361-5	3	10
50	Nitroso-Redox Balance and Modulation of Basal Myocardial Function: An Update from the Italian Society of Cardiovascular Research (SIRC). <i>Current Drug Targets</i> , 2015 , 16, 895-903	3	23
49	Functional Genomics of Cardioprotection by Ischemic Conditioning and the Influence of Comorbid Conditions: Implications in Target Identification. <i>Current Drug Targets</i> , 2015 , 16, 904-11	3	35
48	Transplantation of mesenchymal cells improves peripheral limb ischemia in diabetic rats. <i>Molecular Biotechnology</i> , 2014 , 56, 438-48	3	14
47	Novel therapeutic strategies for cardioprotection. <i>Pharmacology & Therapeutics</i> , 2014 , 144, 60-70	13.9	57
46	High glucose-induced hyperosmolarity impacts proliferation, cytoskeleton remodeling and migration of human induced pluripotent stem cells via aquaporin-1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 2266-75	6.9	25
45	Multimodality imaging for pre-clinical assessment of Fabry's cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 1094-100	4.1	8
44	Co-activation of nuclear factor- κ B and myocardin/serum response factor conveys the hypertrophy signal of high insulin levels in cardiac myoblasts. <i>Journal of Biological Chemistry</i> , 2014 , 289, 19585-98	5.4	19
43	Simvastatin-enhanced expression of promyogenic nuclear factors and cardiomyogenesis of murine embryonic stem cells. <i>Vascular Pharmacology</i> , 2014 , 60, 8-16	5.9	5
42	ESC working group cellular biology of the heart: position paper: improving the preclinical assessment of novel cardioprotective therapies. <i>Cardiovascular Research</i> , 2014 , 104, 399-411	9.9	108
41	Recent developments in cardiovascular stem cells. <i>Circulation Research</i> , 2014 , 115, e71-8	15.7	25
40	Long-term engraftment and angiogenic properties of lentivirally transduced adipose tissue-derived stromal cells. <i>Molecular Biotechnology</i> , 2013 , 54, 13-24	3	6
39	Sodium-hydrogen exchangers (NHE) in human cardiovascular diseases: interfering strategies and their therapeutic applications. <i>Vascular Pharmacology</i> , 2013 , 59, 127-30	5.9	7
38	Electrical plasticity and cardioprotection in myocardial ischemia--role of selective sodium channel blockers. <i>Clinical Cardiology</i> , 2013 , 36, 255-61	3.3	2
37	Myocardin-A enhances expression of promyogenic genes without depressing telomerase activity in adipose tissue-derived mesenchymal stem cells. <i>International Journal of Cardiology</i> , 2013 , 167, 2912-21	3.2	9
36	Glucose metabolism, hyperosmotic stress, and reprogramming of somatic cells. <i>Molecular Biotechnology</i> , 2013 , 55, 169-78	3	14
35	Translating cardioprotection for patient benefit: position paper from the Working Group of Cellular Biology of the Heart of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2013 , 98, 7-27	9.9	172
34	Transplantation of mesenchymal cells rejuvenated by the overexpression of telomerase and myocardin promotes revascularization and tissue repair in a murine model of hindlimb ischemia. <i>Circulation Research</i> , 2013 , 113, 902-14	15.7	72

33	Left ventricular assist devices and gastrointestinal bleeding: a narrative review of case reports and case series. <i>Clinical Cardiology</i> , 2013 , 36, 190-200	3.3	83
32	Targeting phosphatidylinositol 3-kinase-Akt through hepatocyte growth factor for cardioprotection. <i>Journal of Cardiovascular Medicine</i> , 2013 , 14, 249-53	1.9	9
31	Relevance of new drug discovery to reduce NF- κ B activation in cardiovascular disease. <i>Vascular Pharmacology</i> , 2012 , 57, 41-7	5.9	34
30	Non-invasive in vivo detection of peripheral limb ischemia improvement in the rat after adipose tissue-derived stromal cell transplantation. <i>Circulation Journal</i> , 2012 , 76, 1517-25	2.9	17
29	Atherogenesis and Diabetes: Focus on Insulin Resistance and Hyperinsulinemia. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2012 , 65, 309-313	0.7	2
28	Human-induced pluripotent stem cells: in quest of clinical applications. <i>Molecular Biotechnology</i> , 2012 , 52, 193-203	3	23
27	MR angiography, MR imaging and proton MR spectroscopy in-vivo assessment of skeletal muscle ischemia in diabetic rats. <i>PLoS ONE</i> , 2012 , 7, e44752	3.7	9
26	Hepatocyte growth factor: molecular biomarker and player in cardioprotection and cardiovascular regeneration. <i>Thrombosis and Haemostasis</i> , 2012 , 107, 656-61	7	38
25	Omega-3 fatty acids attenuate constitutive and insulin-induced CD36 expression through a suppression of PPAR α activity in microvascular endothelial cells. <i>Thrombosis and Haemostasis</i> , 2011 , 106, 500-10	7	22
24	Age-dependent impairment of number and angiogenic potential of adipose tissue-derived progenitor cells. <i>European Journal of Clinical Investigation</i> , 2011 , 41, 126-33	4.6	70
23	Cellular and molecular mechanisms of vascular injury in diabetes--part I: pathways of vascular disease in diabetes. <i>Vascular Pharmacology</i> , 2011 , 54, 68-74	5.9	108
22	Cellular and molecular mechanisms of vascular injury in diabetes--part II: cellular mechanisms and therapeutic targets. <i>Vascular Pharmacology</i> , 2011 , 54, 75-9	5.9	41
21	Stem cells and growth factor delivery systems for cardiovascular disease. <i>Journal of Biotechnology</i> , 2011 , 154, 291-7	3.7	23
20	Biologic function and clinical potential of telomerase and associated proteins in cardiovascular tissue repair and regeneration. <i>European Heart Journal</i> , 2011 , 32, 1190-6	9.5	35
19	Impaired fasting plasma glucose and long-term cardiovascular risk: still a foggy relationship. <i>European Heart Journal</i> , 2010 , 31, 1159-62	9.5	11
18	Glycaemic control in acute coronary syndromes: prognostic value and therapeutic options. <i>European Heart Journal</i> , 2010 , 31, 1557-64	9.5	44
17	Adipose tissue: a new source for cardiovascular repair. <i>Journal of Cardiovascular Medicine</i> , 2010 , 11, 71-80.	8.9	48
16	Hepatocyte growth factor/Met gene transfer in cardiac stem cells--potential for cardiac repair. <i>Basic Research in Cardiology</i> , 2010 , 105, 443-52	11.8	49

15	VEGF receptor switching in heart development and disease. <i>Cardiovascular Research</i> , 2009 , 84, 4-6	9.9	19
14	Adipose tissue-derived stem cells: characterization and potential for cardiovascular repair. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1723-9	9.4	126
13	Erythropoietin protects myocardin-expressing cardiac stem cells against cytotoxicity of tumor necrosis factor-alpha. <i>Experimental Cell Research</i> , 2009 , 315, 2921-8	4.2	12
12	Prolonged exposure to high insulin impairs the endothelial PI3-kinase/Akt/nitric oxide signalling. <i>Thrombosis and Haemostasis</i> , 2009 , 101, 345-350	7	31
11	Prolonged exposure to high insulin impairs the endothelial PI3-kinase/Akt/nitric oxide signalling. <i>Thrombosis and Haemostasis</i> , 2009 , 101, 345-50	7	11
10	Insulin potentiates cytokine-induced VCAM-1 expression in human endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008 , 1782, 511-6	6.9	25
9	In vitro neovasculogenic potential of resident adipose tissue precursors. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 295, C1271-80	5.4	51
8	Myocardin a enhances telomerase activities in adipose tissue mesenchymal cells and embryonic stem cells undergoing cardiovascular myogenic differentiation. <i>Stem Cells</i> , 2008 , 26, 202-11	5.8	40
7	n-3 fatty acids in the treatment of diabetic patients: biological rationale and clinical data. <i>Diabetes Care</i> , 2007 , 30, 1012-26	14.6	93
6	Prostacyclin improves transc coronary myocardial delivery of adipose tissue-derived stromal cells. <i>European Heart Journal</i> , 2006 , 27, 2054-61	9.5	8
5	Nutritional mechanisms that influence cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 421S-426S	7	92
4	Simvastatin attenuates expression of cytokine-inducible nitric-oxide synthase in embryonic cardiac myoblasts. <i>Journal of Biological Chemistry</i> , 2005 , 280, 13503-11	5.4	73
3	Nutrients and gene expression. <i>World Review of Nutrition and Dietetics</i> , 2004 , 93, 99-133	0.2	9
2	Effects of omega-3 fatty acids on cytokines and adhesion molecules. <i>Current Atherosclerosis Reports</i> , 2004 , 6, 485-91	6	47
1	Antiarrhythmic effects of omega-3 fatty acids: from epidemiology to bedside. <i>American Heart Journal</i> , 2003 , 146, 420-30	4.9	57