

Charalambos Antoniades

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.

230
papers

9,076
citations

52
h-index

86
g-index

269
ext. papers

11,282
ext. citations

6.7
avg, IF

6.32
L-index

#	Paper	IF	Citations
230	Acute exposure to diesel affects inflammation and vascular function. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 1192-1200	3.9	6
229	A phenomapping-derived tool to personalize the selection of anatomical vs. functional testing in evaluating chest pain (ASSIST). <i>European Heart Journal</i> , 2021 , 42, 2536-2548	9.5	2
228	Cardiovascular risk stratification by coronary computed tomography angiography imaging: current state-of-the-art. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	1
227	The year in cardiovascular medicine 2020: digital health and innovation. <i>Russian Journal of Cardiology</i> , 2021 , 26, 4425	1.3	2
226	Fat-Secreted Ceramides Regulate Vascular Redox State and Influence Outcomes in Patients With Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2494-2513	15.1	17
225	Cardiac Magnetic Resonance to Detect the Underlying Substrate in Patients with Frequent Idiopathic Ventricular Arrhythmias. <i>Diagnostics</i> , 2021 , 11,	3.8	1
224	Inflammatory Mechanisms in COVID-19 and Atherosclerosis: Current Pharmaceutical Perspectives. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	19
223	Imaging and Targeting Coronary Artery Inflammation. <i>Antioxidants and Redox Signaling</i> , 2021 , 34, 1217-1243	12.4	4
222	Arterial stiffness and microvascular disease in type 2 diabetes. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13380	4.6	5
221	Development, validation, and implementation of biomarker testing in cardiovascular medicine state-of-the-art: proceedings of the European Society of Cardiology-Cardiovascular Round Table. <i>Cardiovascular Research</i> , 2021 , 117, 1248-1256	9.9	1
220	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge. <i>EClinicalMedicine</i> , 2021 , 31, 100683	11.3	164
219	The year in cardiovascular medicine 2020: digital health and innovation. <i>European Heart Journal</i> , 2021 , 42, 732-739	9.5	11
218	Visceral adipose tissue phenotype and hypoadiponectinemia are associated with aortic Fluorine-18 fluorodeoxyglucose uptake in patients with familial dyslipidemias. <i>Journal of Nuclear Cardiology</i> , 2021 , 1	2.1	
217	Reply to: Quantification of perivascular inflammation does not provide incremental prognostic value over myocardial perfusion imaging and calcium scoring. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1707-1708	8.8	0
216	Assessing Cardiovascular Risk by Using the Fat Attenuation Index in Coronary CT Angiography. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e200563	8.3	6
215	Effects of canagliflozin on human myocardial redox signalling: clinical implications. <i>European Heart Journal</i> , 2021 ,	9.5	14
214	Standardized measurement of coronary inflammation using cardiovascular computed tomography: integration in clinical care as a prognostic medical device. <i>Cardiovascular Research</i> , 2021 , 117, 2677-2690	9.9	4

213	Risk factors profile of young and older patients with Myocardial Infarction. <i>Cardiovascular Research</i> , 2021 ,	9.9	8
212	CT coronary angiography-guided cardiovascular risk screening in asymptomatic patients: is it time?. <i>Clinical Radiology</i> , 2021 , 76, 801-811	2.9	2
211	Perivascular fat imaging by computed tomography (CT): a virtual guide. <i>British Journal of Pharmacology</i> , 2021 , 178, 4270-4290	8.6	6
210	Artificial intelligence in cardiovascular imaging-principles, expectations, and limitations. <i>European Heart Journal</i> , 2021 ,	9.5	5
209	Uncovering the skeleton in the heart: an unusual case of mitral annular calcification extending to the left ventricular myocardium. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 1301	4.1	
208	The Fat Attenuation Index in HIV-infected patients. <i>Aids</i> , 2020 , 34, 489-490	3.5	1
207	Artificial intelligence in medical imaging: A radiomic guide to precision phenotyping of cardiovascular disease. <i>Cardiovascular Research</i> , 2020 , 116, 2040-2054	9.9	22
206	Insulin-induced vascular redox dysregulation in human atherosclerosis is ameliorated by dipeptidyl peptidase 4 inhibition. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	7
205	Imaging residual inflammatory cardiovascular risk. <i>European Heart Journal</i> , 2020 , 41, 748-758	9.5	40
204	Abstract 16467: A Novel CT-derived Radiotranscriptomic Signature of Perivascular Adipose Tissue Stratifies COVID-19 Vascular Cytokine Burst and Predicts in Hospital Outcomes. <i>Circulation</i> , 2020 , 142,	16.7	1
203	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4104-4117	15.9	10
202	Reply from authors: Vein graft biology and the risk of graft occlusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, e2-e4	1.5	
201	Perivascular Adipose Tissue and Atherosclerosis. <i>Contemporary Cardiology</i> , 2020 , 91-115	0.1	1
200	Using Perivascular Fat Attenuation Index to Monitor Coronary Inflammation in Patients With Psoriasis-Reply. <i>JAMA Cardiology</i> , 2020 , 5, 359-360	16.2	1
199	Plasma signature of apoptotic microvesicles is associated with endothelial dysfunction and plaque rupture in acute coronary syndromes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 138, 110-114	5.8	6
198	Picking up the pace: another record high impact factor for Cardiovascular Research. <i>Cardiovascular Research</i> , 2020 , 116, e165-e168	9.9	3
197	Perivascular Fat Attenuation Index Stratifies Cardiac Risk Associated With High-Risk Plaques in the CRISP-CT Study. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 755-757	15.1	21
196	A link between inflammation and thrombosis in atherosclerotic cardiovascular diseases: Clinical and therapeutic implications. <i>Atherosclerosis</i> , 2020 , 309, 16-26	3.1	31

195	Coronary Computed Tomography Angiography From Clinical Uses to Emerging Technologies: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 1226-1243	15.1	31
194	A key role for the novel coronary artery disease gene JCAD in atherosclerosis via shear stress mechanotransduction. <i>Cardiovascular Research</i> , 2020 , 116, 1863-1874	9.9	7
193	Development of a risk score for early saphenous vein graft failure: An individual patient data meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 , 160, 116-127.e4	1.5	15
192	Preventing treatment failures in coronary artery disease: what can we learn from the biology of in-stent restenosis, vein graft failure, and internal thoracic arteries?. <i>Cardiovascular Research</i> , 2020 , 116, 505-519	9.9	30
191	A novel machine learning-derived radiotranscriptomic signature of perivascular fat improves cardiac risk prediction using coronary CT angiography. <i>European Heart Journal</i> , 2019 , 40, 3529-3543	9.5	127
190	Adipose tissue-derived WNT5A regulates vascular redox signaling in obesity via USP17/RAC1-mediated activation of NADPH oxidases. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	33
189	Cardiac Computed Tomography: Assessment of Coronary Inflammation and Other Plaque Features. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 2207-2219	9.4	18
188	Detection of coronary inflammation - Authors' reply. <i>Lancet, The</i> , 2019 , 393, 2199-2200	4.0	
187	TREATMENT WITH BIOLOGIC THERAPY IN PSORIASIS IS ASSOCIATED WITH A REDUCTION IN CORONARY ARTERY INFLAMMATION, ASSESSED BY PERIVASCULAR FAT ATTENUATION INDEX. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 87	15.1	2
186	State-of-the-art review article. Atherosclerosis affecting fat: What can we learn by imaging perivascular adipose tissue?. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 288-296	2.8	33
185	Scientists on the Spot: Inflammation and translational research-what have we learned from the CIRT trial?. <i>Cardiovascular Research</i> , 2019 , 115, e44-e45	9.9	2
184	Association of Biologic Therapy With Coronary Inflammation in Patients With Psoriasis as Assessed by Perivascular Fat Attenuation Index. <i>JAMA Cardiology</i> , 2019 , 4, 885-891	16.2	72
183	Arterial Grafts for Coronary Bypass: A Critical Review After the Publication of ART and RADIAL. <i>Circulation</i> , 2019 , 140, 1273-1284	16.7	28
182	Scientists on the Spot: non-coding RNAs and heart failure. <i>Cardiovascular Research</i> , 2019 , 115, e164-e165.9	5.9	
181	Prognostic Value of Vascular Calcifications and Regional Fat Depots Derived From Conventional Chest Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2019 , 34, 33-40	5.6	7
180	Very low calorie diets are associated with transient ventricular impairment before reversal of diastolic dysfunction in obesity. <i>International Journal of Obesity</i> , 2019 , 43, 2536-2544	5.5	7
179	The role of adipose tissue in cardiovascular health and disease. <i>Nature Reviews Cardiology</i> , 2019 , 16, 83-94.8	11.8	149
178	Impaired Vascular Redox Signaling in the Vascular Complications of Obesity and Diabetes Mellitus. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 333-353	8.4	17

177	Comparison of graft patency following coronary artery bypass grafting in the left versus the right coronary artery systems: a systematic review and meta-analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 54, 221-228	3	6
176	The Role of Epicardial Fat in Pericardial Diseases. <i>Current Cardiology Reports</i> , 2018 , 20, 40	4.2	8
175	Diagnostic Accuracy of Cardiovascular Magnetic Resonance in Acute Myocarditis: A Systematic Review and Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1583-1590	8.4	78
174	The evolution of Cardiovascular Research Onlife: online and on demand. <i>Cardiovascular Research</i> , 2018 , 114, e9	9.9	4
173	Effects Of Endothelin-1 On Intracellular Tetrahydrobiopterin Levels In Vascular Tissue. <i>Scandinavian Cardiovascular Journal</i> , 2018 , 52, 163-169	2	4
172	Immunometabolic Regulation of Vascular Redox State: The Role of Adipose Tissue. <i>Antioxidants and Redox Signaling</i> , 2018 , 29, 313-336	8.4	17
171	Vascular inflammation and metabolic activity in hematopoietic organs and liver in familial combined hyperlipidemia and heterozygous familial hypercholesterolemia. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 33-43	4.9	11
170	Non-invasive detection of coronary inflammation using computed tomography and prediction of residual cardiovascular risk (the CRISP CT study): a post-hoc analysis of prospective outcome data. <i>Lancet, The</i> , 2018 , 392, 929-939	40	255
169	Perivascular Fat Attenuation Index by Computed Tomography as a Metric of Coronary Inflammation. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2708-2709	15.1	2
168	Functional cardiac orexin receptors: role of orexin-B/orexin 2 receptor in myocardial protection. <i>Clinical Science</i> , 2018 , 132, 2547-2564	6.5	8
167	Off-Pump Coronary Artery Bypass Grafting: 30 Years of Debate. <i>Journal of the American Heart Association</i> , 2018 , 7, e009934	6	33
166	Perivascular adipose tissue and coronary atherosclerosis. <i>Heart</i> , 2018 , 104, 1654-1662	5.1	41
165	Functional Anatomy 2018 , 121-126		
164	The role of epicardial adipose tissue in cardiac biology: classic concepts and emerging roles. <i>Journal of Physiology</i> , 2017 , 595, 3907-3917	3.9	74
163	Flow Mediated Dilatation and Progression of Abdominal Aortic Aneurysms. <i>European Journal of Vascular and Endovascular Surgery</i> , 2017 , 53, 820-829	2.3	13
162	Predictive value of telomere length on outcome following acute myocardial infarction: evidence for contrasting effects of vascular vs. blood oxidative stress. <i>European Heart Journal</i> , 2017 , 38, 3094-3104	9.5	36
161	Perivascular adipose tissue as a regulator of vascular disease pathogenesis: identifying novel therapeutic targets. <i>British Journal of Pharmacology</i> , 2017 , 174, 3411-3424	8.6	38
160	A prospective study of external stenting of saphenous vein grafts to the right coronary artery: the VEST II study. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 952-958	3	23

159	Prognostic implications of epicardial fat volume quantification in acute pericarditis. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 129-136	4.6	9
158	Overnight urinary isoprostanes as a marker of oxidative stress in obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	7
157	Cardiovascular Research Onlife. <i>European Heart Journal</i> , 2017 , 38, 2795-2796	9.5	
156	Mechanisms, Consequences, and Prevention of Coronary Graft Failure. <i>Circulation</i> , 2017 , 136, 1749-1764	16.7	113
155	Dipeptidyl peptidase IV inhibitors as novel regulators of vascular disease. <i>Vascular Pharmacology</i> , 2017 , 96-98, 1-4	5.9	8
154	Detecting human coronary inflammation by imaging perivascular fat. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	285
153	A novel workflow combining plaque imaging, plaque and plasma proteomics identifies biomarkers of human coronary atherosclerotic plaque disruption. <i>Clinical Proteomics</i> , 2017 , 14, 22	5	10
152	Unravelling the adiponectin paradox: novel roles of adiponectin in the regulation of cardiovascular disease. <i>British Journal of Pharmacology</i> , 2017 , 174, 4007-4020	8.6	81
151	Exploring the Crosstalk between Adipose Tissue and the Cardiovascular System. <i>Korean Circulation Journal</i> , 2017 , 47, 670-685	2.2	10
150	Statins and oxidative stress in the cardiovascular system. <i>Current Pharmaceutical Design</i> , 2017 ,	3.3	13
149	Perivascular adipose tissue as an endocrine organ: the role of statins. <i>Current Pharmaceutical Design</i> , 2017 ,	3.3	1
148	The interplay between adipose tissue and the cardiovascular system: is fat always bad?. <i>Cardiovascular Research</i> , 2017 , 113, 999-1008	9.9	64
147	Intraoperative Vein Graft Preservation: What Is the Solution?. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 1736-1746	15	
146	From the BMI paradox to the obesity paradox: the obesity-mortality association in coronary heart disease. <i>Obesity Reviews</i> , 2016 , 17, 989-1000	10.6	70
145	Ectopic and Visceral Fat Deposition in Lean and Obese Patients With Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 53-63	15.1	105
144	Mutual Regulation of Epicardial Adipose Tissue and Myocardial Redox State by PPAR- γ Adiponectin Signalling. <i>Circulation Research</i> , 2016 , 118, 842-55	15.7	92
143	Expert consensus document: Defining the major health modifiers causing atrial fibrillation: a roadmap to underpin personalized prevention and treatment. <i>Nature Reviews Cardiology</i> , 2016 , 13, 230-7	14.8	97
142	Paradoxical decrease in isoprostane and increase in superoxide dismutase following CPAP withdrawal in OSA. <i>European Respiratory Journal</i> , 2016 , 47, 1014-5	13.6	3

141	Response to Prognostic Value of Epicardial Fat Thickness as a Biomarker of Increased Inflammatory Status in Patients with Type 2 Diabetes Mellitus and Acute Myocardial Infarction. <i>Journal of Cardiovascular Emergencies</i> , 2016 , 2, 91-92	0.3	
140	Homoarginine in the shadow of asymmetric dimethylarginine: from nitric oxide to cardiovascular disease. <i>Amino Acids</i> , 2015 , 47, 1741-50	3.5	24
139	Redox biomarkers in cardiovascular medicine. <i>European Heart Journal</i> , 2015 , 36, 1576-82, 1582a-b	9.5	42
138	The Derivation of Primary Human Epicardium-Derived Cells. <i>Current Protocols in Stem Cell Biology</i> , 2015 , 35, 2C.5.1-2C.5.12	2.8	11
137	Intercellular communication lessons in heart failure. <i>European Journal of Heart Failure</i> , 2015 , 17, 1091-102	2.3	40
136	Biomarkers of oxidative stress following continuous positive airway pressure withdrawal: data from two randomised trials. <i>European Respiratory Journal</i> , 2015 , 46, 1065-71	13.6	31
135	Adiponectin as a link between type 2 diabetes and vascular NADPH oxidase activity in the human arterial wall: the regulatory role of perivascular adipose tissue. <i>Diabetes</i> , 2015 , 64, 2207-19	0.9	149
134	Statins as Pleiotropic Modifiers of Vascular Oxidative Stress and Inflammation. <i>The Journal of Critical Care Medicine</i> , 2015 , 1, 43-54	1.2	0
133	Innate and adaptive inflammation as a therapeutic target in vascular disease: the emerging role of statins. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2491-2502	15.1	124
132	Statins: pleiotropic regulators of cardiovascular redox state. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 1195-7	8.4	11
131	Impact of folic acid administration in homocysteine levels, inflammation and in atherosclerotic plaque area in apoE deficient mice. <i>International Journal of Cardiology</i> , 2014 , 177, 696-7	3.2	6
130	Statins as regulators of redox state in the vascular endothelium: beyond lipid lowering. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 1198-215	8.4	85
129	Combined effects of smoking and interleukin-6 and C-reactive protein genetic variants on endothelial function, inflammation, thrombosis and incidence of coronary artery disease. <i>International Journal of Cardiology</i> , 2014 , 176, 254-7	3.2	16
128	Pre-operative inflammation and post-operative atrial fibrillation in coronary artery bypass surgery. <i>International Journal of Cardiology</i> , 2014 , 173, 327-8	3.2	9
127	Reciprocal effects of systemic inflammation and brain natriuretic peptide on adiponectin biosynthesis in adipose tissue of patients with ischemic heart disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2151-9	9.4	69
126	The role of C-reactive protein genetic variability in the onset of carotid artery disease and renal function impairment in patients with diabetes mellitus type 2. <i>International Journal of Cardiology</i> , 2013 , 168, 4331-2	3.2	4
125	Combined effects of fibrinogen genetic variability on atherosclerosis in patients with or without stable angina pectoris: focus on the coagulation cascade and endothelial function. <i>International Journal of Cardiology</i> , 2013 , 168, 4602-7	3.2	11
124	Heparin administration leads to rapid decrease in plasma matrix metalloproteinase-9. <i>International Journal of Cardiology</i> , 2013 , 163, 212-3	3.2	1

123	Improved limb perfusion and neoangiogenesis after intramuscular erythropoietin infusion in experimental model of limb ischemia. <i>International Journal of Cardiology</i> , 2013 , 165, 195-7	3.2	
122	Genetic variability on adiponectin gene affects myocardial infarction risk: the role of endothelial dysfunction. <i>International Journal of Cardiology</i> , 2013 , 168, 326-30	3.2	22
121	Artifactual elevation of plasma sCD40L by residual platelets in patients with coronary artery disease. <i>International Journal of Cardiology</i> , 2013 , 168, 1648-50	3.2	9
120	The impact of G5665T polymorphism of endothelin-1 gene, on endothelin-1 levels and left ventricular function in ischemic heart disease. <i>International Journal of Cardiology</i> , 2013 , 168, 1568-9	3.2	4
119	Interactions between vascular wall and perivascular adipose tissue reveal novel roles for adiponectin in the regulation of endothelial nitric oxide synthase function in human vessels. <i>Circulation</i> , 2013 , 127, 2209-21	16.7	197
118	Gene Delivery Strategies Targeting Stable Atheromatous Plaque. <i>Current Pharmaceutical Design</i> , 2013 , 19, 1626-1637	3.3	3
117	Gene delivery strategies targeting stable atheromatous plaque. <i>Current Pharmaceutical Design</i> , 2013 , 19, 1626-37	3.3	3
116	Wnt signaling in cardiovascular physiology. <i>Trends in Endocrinology and Metabolism</i> , 2012 , 23, 628-36	8.8	94
115	Nanomedicine for the prevention, treatment and imaging of atherosclerosis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012 , 8 Suppl 1, S59-68	6	38
114	Treatment of recurrent vein graft "stent-in-stent" re-stenosis guided by optical coherence tomography. <i>International Journal of Cardiology</i> , 2012 , 156, e20-1	3.2	2
113	Statins and vein graft failure in coronary bypass surgery. <i>Current Opinion in Pharmacology</i> , 2012 , 12, 172-80	3.0	17
112	Myocardial redox state predicts in-hospital clinical outcome after cardiac surgery effects of short-term pre-operative statin treatment. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 60-70 ^{15.1}		72
111	Endothelin-1 increases superoxide production in human coronary artery bypass grafts. <i>Life Sciences</i> , 2012 , 91, 723-8	6.8	25
110	Nanomedicine for the prevention, treatment and imaging of atherosclerosis. <i>Maturitas</i> , 2012 , 73, 52-60	5	31
109	Translating the effects of statins: from redox regulation to suppression of vascular wall inflammation. <i>Thrombosis and Haemostasis</i> , 2012 , 108, 840-8	7	48
108	Novel therapeutic approaches targeting matrix metalloproteinases in cardiovascular disease. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 1214-21	3	16
107	Statins as anti-inflammatory agents in atherogenesis: molecular mechanisms and lessons from the recent clinical trials. <i>Current Pharmaceutical Design</i> , 2012 , 18, 1519-30	3.3	286
106	Therapeutic strategies targeting endothelial function in humans: clinical implications. <i>Current Vascular Pharmacology</i> , 2012 , 10, 77-93	3.3	27

105	Circulating endothelial progenitor cells as biomarkers for prediction of cardiovascular outcomes. <i>Current Medicinal Chemistry</i> , 2012 , 19, 2597-604	4.3	53
104	Systemic and vascular oxidation limits the efficacy of oral tetrahydrobiopterin treatment in patients with coronary artery disease. <i>Circulation</i> , 2012 , 125, 1356-66	16.7	113
103	Evaluating oxidative stress in human cardiovascular disease: methodological aspects and considerations. <i>Current Medicinal Chemistry</i> , 2012 , 19, 2504-20	4.3	146
102	Assessment of acute coronary syndromes: focus on novel biomarkers. <i>Current Medicinal Chemistry</i> , 2012 , 19, 2572-87	4.3	16
101	Matrix metalloproteinases in heart failure. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 1181-91	3	10
100	Matrix metalloproteinases in acute coronary syndromes: current perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 1192-205	3	14
99	With the "universal definition," measurement of creatine kinase-myocardial band rather than troponin allows more accurate diagnosis of periprocedural necrosis and infarction after coronary intervention. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 653-61	15.1	88
98	OCT characteristics of saphenous vein graft atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 807-8.4	3.4	13
97	Fibrinogen and cardiovascular disease: genetics and biomarkers. <i>Blood Reviews</i> , 2011 , 25, 239-45	11.1	45
96	The significance of right-sided chest leads in exercise testing for the detection of right ventricular dysfunction post myocardial infarction of the inferior wall. <i>International Journal of Cardiology</i> , 2011 , 146, 330-3	3.2	1
95	Combined effects of atorvastatin and metformin on glucose-induced variations of inflammatory process in patients with diabetes mellitus. <i>International Journal of Cardiology</i> , 2011 , 149, 46-9	3.2	26
94	Do endothelial progenitor cells modify our strategy to treat risk factors?. <i>International Journal of Cardiology</i> , 2011 , 152, 95-7	3.2	1
93	Effects of the Ala379Val polymorphism of lipoprotein-associated phospholipase A2 on thrombosis and inflammation in hypertensive patients. <i>International Journal of Cardiology</i> , 2011 , 152, 247-9	3.2	3
92	The role of endothelial progenitor cells in vascular repair after arterial injury and atherosclerotic plaque development. <i>Cardiovascular Therapeutics</i> , 2011 , 29, 125-39	3.3	49
91	Endothelial nitric oxide synthase in the vascular wall: Mechanisms regulating its expression and enzymatic function. <i>Artery Research</i> , 2011 , 5, 37	2.2	3
90	Thiobarbituric acid reactive substances as a biomarker for coronary heart disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011 , 18, 1127-8	4	3
89	Adiponectin as a regulator of vascular redox state: therapeutic implications. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2011 , 6, 78-88		23
88	Pathophysiology of atherosclerosis: the role of inflammation. <i>Current Pharmaceutical Design</i> , 2011 , 17, 4089-110	3.3	86

87	Gene therapy targeting inflammation in atherosclerosis. <i>Current Pharmaceutical Design</i> , 2011 , 17, 4210-233	33
86	Divergent anti-inflammatory effects of different oil acute consumption on healthy individuals. <i>European Journal of Clinical Nutrition</i> , 2011 , 65, 514-9	5.2 22
85	Novel methodology for the detection of exercise-induced myocardial wall motion abnormalities by surface electrocardiogram during exercise test. <i>Journal of Electrocardiology</i> , 2011 , 44, 377-82	1.4
84	Early diagnosis of perioperative myocardial infarction after coronary bypass grafting: a study using biomarkers and cardiac magnetic resonance imaging. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 2046-53	2.7 39
83	Role of asymmetrical dimethylarginine in inflammation-induced endothelial dysfunction in human atherosclerosis. <i>Hypertension</i> , 2011 , 58, 93-8	8.5 72
82	Atrial sources of reactive oxygen species vary with the duration and substrate of atrial fibrillation: implications for the antiarrhythmic effect of statins. <i>Circulation</i> , 2011 , 124, 1107-17	16.7 153
81	Methionine-induced homocysteinemia impairs endothelial function in hypertensives: the role of asymmetrical dimethylarginine and antioxidant vitamins. <i>American Journal of Hypertension</i> , 2011 , 24, 936-42	2.3 12
80	Induction of vascular GTP-cyclohydrolase I and endogenous tetrahydrobiopterin synthesis protect against inflammation-induced endothelial dysfunction in human atherosclerosis. <i>Circulation</i> , 2011 , 124, 1860-70	16.7 49
79	Bypass surgery in a patient with single coronary artery. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, e144	3
78	Rapid, direct effects of statin treatment on arterial redox state and nitric oxide bioavailability in human atherosclerosis via tetrahydrobiopterin-mediated endothelial nitric oxide synthase coupling. <i>Circulation</i> , 2011 , 124, 335-45	16.7 163
77	Letter by Antoniadis et al regarding article, "Uncoupled cardiac nitric oxide synthase mediates diastolic dysfunction". <i>Circulation</i> , 2010 , 122, e558; author reply e559	16.7 3
76	Genetic polymorphism on type 2 receptor of angiotensin II, modifies cardiovascular risk and systemic inflammation in hypertensive males. <i>American Journal of Hypertension</i> , 2010 , 23, 237-42	2.3 16
75	ST-Segment Depression in Hyperventilation Indicates a False Positive Exercise Test in Patients with Mitral Valve Prolapse. <i>Cardiology Research and Practice</i> , 2010 , 2010, 541781	1.9 7
74	Nanoparticles: a promising therapeutic approach in atherosclerosis. <i>Current Drug Delivery</i> , 2010 , 7, 303-11	20
73	Platelet activation in atherogenesis associated with low-grade inflammation. <i>Inflammation and Allergy: Drug Targets</i> , 2010 , 9, 334-45	17
72	A 31-year old woman with essential hypertension grade III and branch retinal vein occlusion with homozygous C677T MTHFR hyperhomocysteinemia and high Lp(a) levels. <i>International Journal of Cardiology</i> , 2010 , 143, e42-4	3.2 1
71	Rosuvastatin but not ezetimibe improves endothelial function in patients with heart failure, by mechanisms independent of lipid lowering. <i>International Journal of Cardiology</i> , 2010 , 142, 87-91	3.2 32
70	Role of depression in heart failure--choosing the right antidepressive treatment. <i>International Journal of Cardiology</i> , 2010 , 140, 12-8	3.2 30

69	Comparative effects of rosuvastatin and allopurinol on circulating levels of matrix metalloproteinases and tissue inhibitors of metalloproteinases in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2010 , 145, 438-43	3.2	10
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