

Juan J Badimon

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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.

187
papers

19,944
citations

63
h-index

140
g-index

206
ext. papers

22,103
ext. citations

6.7
avg, IF

6.2
L-index

#	Paper	IF	Citations
187	The pathogenesis of coronary artery disease and the acute coronary syndromes (1). <i>New England Journal of Medicine</i> , 1992 , 326, 242-50	59.2	2529
186	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part I. <i>Circulation</i> , 2003 , 108, 1664-72	16.7	1985
185	The pathogenesis of coronary artery disease and the acute coronary syndromes (2). <i>New England Journal of Medicine</i> , 1992 , 326, 310-8	59.2	1511
184	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part II. <i>Circulation</i> , 2003 , 108, 1772-8	16.7	886
183	Atherothrombosis and high-risk plaque: part I: evolving concepts. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 937-54	15.1	574
182	Plaque neovascularization is increased in ruptured atherosclerotic lesions of human aorta: implications for plaque vulnerability. <i>Circulation</i> , 2004 , 110, 2032-8	16.7	520
181	From vulnerable plaque to vulnerable patient--Part III: Executive summary of the Screening for Heart Attack Prevention and Education (SHAPE) Task Force report. <i>American Journal of Cardiology</i> , 2006 , 98, 2H-15H	3	489
180	Noninvasive in vivo human coronary artery lumen and wall imaging using black-blood magnetic resonance imaging. <i>Circulation</i> , 2000 , 102, 506-10	16.7	482
179	Characterization of the relative thrombogenicity of atherosclerotic plaque components: implications for consequences of plaque rupture. <i>Journal of the American College of Cardiology</i> , 1994 , 23, 1562-9	15.1	482
178	Effects of lipid-lowering by simvastatin on human atherosclerotic lesions: a longitudinal study by high-resolution, noninvasive magnetic resonance imaging. <i>Circulation</i> , 2001 , 104, 249-52	16.7	410
177	Lipid lowering by simvastatin induces regression of human atherosclerotic lesions: two yearsQ follow-up by high-resolution noninvasive magnetic resonance imaging. <i>Circulation</i> , 2002 , 106, 2884-7	16.7	407
176	Tissue factor modulates the thrombogenicity of human atherosclerotic plaques. <i>Circulation</i> , 1997 , 95, 594-9	16.7	385
175	Transfer of tissue factor from leukocytes to platelets is mediated by CD15 and tissue factor. <i>Blood</i> , 2000 , 96, 170-175	2.2	361
174	In vivo magnetic resonance evaluation of atherosclerotic plaques in the human thoracic aorta: a comparison with transesophageal echocardiography. <i>Circulation</i> , 2000 , 101, 2503-9	16.7	280
173	The diagnostic accuracy of ex vivo MRI for human atherosclerotic plaque characterization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 2756-61	9.4	263
172	Role of risk factors in the modulation of tissue factor activity and blood thrombogenicity. <i>Circulation</i> , 2003 , 107, 973-7	16.7	238
171	Effects of aggressive versus conventional lipid-lowering therapy by simvastatin on human atherosclerotic lesions: a prospective, randomized, double-blind trial with high-resolution magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 106-12	15.1	225

170	Diesel exhaust inhalation increases thrombus formation in man. <i>European Heart Journal</i> , 2008 , 29, 3043-51	5.1	223
169	Local inhibition of tissue factor reduces the thrombogenicity of disrupted human atherosclerotic plaques: effects of tissue factor pathway inhibitor on plaque thrombogenicity under flow conditions. <i>Circulation</i> , 1999 , 99, 1780-7	16.7	218
168	Empagliflozin Ameliorates Adverse Left Ventricular Remodeling in Nondiabetic Heart Failure by Enhancing Myocardial Energetics. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1931-1944	15.1	208
167	Atherothrombosis: a widespread disease with unpredictable and life-threatening consequences. <i>European Heart Journal</i> , 2004 , 25, 1197-207	9.5	201
166	Thrombus formation on atherosclerotic plaques: pathogenesis and clinical consequences. <i>Annals of Internal Medicine</i> , 2001 , 134, 224-38	8	201
165	Noninvasive In vivo high-resolution magnetic resonance imaging of atherosclerotic lesions in genetically engineered mice. <i>Circulation</i> , 1998 , 98, 1541-7	16.7	201
164	Mouse model of femoral artery denudation injury associated with the rapid accumulation of adhesion molecules on the luminal surface and recruitment of neutrophils. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 335-42	9.4	180
163	Pathophysiology of acute coronary syndrome. <i>Current Atherosclerosis Reports</i> , 2014 , 16, 401	6	179
162	Acute coronary syndromes: biology. <i>Lancet, The</i> , 1999 , 353 Suppl 2, S115-9	40	170
161	Pravastatin therapy in hyperlipidemia: effects on thrombus formation and the systemic hemostatic profile. <i>Journal of the American College of Cardiology</i> , 1999 , 33, 1294-304	15.1	164
160	Progression and regression of atherosclerotic lesions: monitoring with serial noninvasive magnetic resonance imaging. <i>Circulation</i> , 2002 , 105, 993-8	16.7	144
159	Particle traps prevent adverse vascular and prothrombotic effects of diesel engine exhaust inhalation in men. <i>Circulation</i> , 2011 , 123, 1721-8	16.7	140
158	Atherothrombosis and high-risk plaque: Part II: approaches by noninvasive computed tomographic/magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 1209-18	15.1	138
157	Chronic thrombus detection with in vivo magnetic resonance imaging and a fibrin-targeted contrast agent. <i>Circulation</i> , 2005 , 112, 1594-600	16.7	136
156	Blood thrombogenicity in type 2 diabetes mellitus patients is associated with glycemic control. <i>Journal of the American College of Cardiology</i> , 2001 , 38, 1307-12	15.1	132
155	Sphingosine-1-Phosphate Receptor Agonist Fingolimod Increases Myocardial Salvage and Decreases Adverse Postinfarction Left Ventricular Remodeling in a Porcine Model of Ischemia/Reperfusion. <i>Circulation</i> , 2016 , 133, 954-66	16.7	127
154	Membrane-associated CD40L and sCD40L in atherothrombotic disease. <i>Thrombosis and Haemostasis</i> , 2003 , 90, 377-84	7	127
153	MRI and characterization of atherosclerotic plaque: emerging applications and molecular imaging. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1065-74	9.4	126

152	Serial in vivo MRI documents arterial remodeling in experimental atherosclerosis. <i>Circulation</i> , 2000 , 101, 586-9	16.7	122
151	Pathogenetic concepts of acute coronary syndromes. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 7S-14S	15.1	119
150	Early metoprolol administration before coronary reperfusion results in increased myocardial salvage: analysis of ischemic myocardium at risk using cardiac magnetic resonance. <i>Circulation</i> , 2007 , 115, 2909-16	16.7	118
149	Antithrombotic effects of factor Xa inhibition with DU-176b: Phase-I study of an oral, direct factor Xa inhibitor using an ex-vivo flow chamber. <i>Thrombosis and Haemostasis</i> , 2007 , 98, 883-8	7	115
148	Evolving concepts in the triad of atherosclerosis, inflammation and thrombosis. <i>Journal of Thrombosis and Thrombolysis</i> , 2004 , 17, 35-44	5.1	114
147	Rapid change in plaque size, composition, and molecular footprint after recombinant apolipoprotein A-I Milano (ETC-216) administration: magnetic resonance imaging study in an experimental model of atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 1104-9	15.1	110
146	Caspase-3 and tissue factor expression in lipid-rich plaque macrophages: evidence for apoptosis as link between inflammation and atherothrombosis. <i>Circulation</i> , 2004 , 109, 2001-8	16.7	107
145	Does shear stress modulate both plaque progression and regression in the thoracic aorta? Human study using serial magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 846-54	15.1	103
144	In vivo noninvasive detection and age definition of arterial thrombus by MRI. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 1366-73	15.1	103
143	Non-invasive imaging of atherosclerotic plaque macrophage in a rabbit model with F-18 FDG PET: a histopathological correlation. <i>BMC Nuclear Medicine</i> , 2006 , 6, 3		99
142	Randomized Trial of Empagliflozin in Nondiabetic Patients With Heart Failure and Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 243-255	15.1	97
141	Acyl-CoA:cholesterol acyltransferase inhibition reduces atherosclerosis in apolipoprotein E-deficient mice. <i>Circulation</i> , 2001 , 103, 2604-9	16.7	96
140	Noninvasive in vivo magnetic resonance imaging of experimental coronary artery lesions in a porcine model. <i>Circulation</i> , 2000 , 101, 2956-61	16.7	93
139	Atherosclerotic aortic component quantification by noninvasive magnetic resonance imaging: an in vivo study in rabbits. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 1149-54	15.1	93
138	Atherosclerosis regression and TP receptor inhibition: effect of S18886 on plaque size and composition--a magnetic resonance imaging study. <i>European Heart Journal</i> , 2005 , 26, 1557-61	9.5	88
137	The selective peroxisomal proliferator-activated receptor-gamma agonist has an additive effect on plaque regression in combination with simvastatin in experimental atherosclerosis: in vivo study by high-resolution magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 464-73	15.1	87
136	Ticagrelor with aspirin or alone in high-risk patients after coronary intervention: Rationale and design of the TWILIGHT study. <i>American Heart Journal</i> , 2016 , 182, 125-134	4.9	84
135	High resolution ex vivo magnetic resonance imaging of in situ coronary and aortic atherosclerotic plaque in a porcine model. <i>Atherosclerosis</i> , 2000 , 150, 321-9	3.1	83

134	Systems pharmacology of adverse event mitigation by drug combinations. <i>Science Translational Medicine</i> , 2013 , 5, 206ra140	17.5	82
133	Characteristics of the Metabolic Syndrome in the Patients of IBERICAN Study (Identification of the Spanish Population at Cardiovascular and Renal Risk). <i>Metabolic Syndrome and Related Disorders</i> , 2017 , 15, 431-438	2.6	78
132	Recombinant HDL(Milano) exerts greater anti-inflammatory and plaque stabilizing properties than HDL(wild-type). <i>Atherosclerosis</i> , 2012 , 220, 72-7	3.1	78
131	Baseline platelet activity and response after clopidogrel in 257 diabetics among 822 patients with coronary artery disease. <i>Thrombosis and Haemostasis</i> , 2008 , 100, 76-82	7	73
130	Beginning to understand high-density lipoproteins. <i>Endocrinology and Metabolism Clinics of North America</i> , 2014 , 43, 913-47	5.5	70
129	The complement component C5a is present in human coronary lesions in vivo and induces the expression of MMP-1 and MMP-9 in human macrophages in vitro. <i>FASEB Journal</i> , 2011 , 25, 35-44	0.9	70
128	Inhibition of tissue factor reduces thrombus formation and intimal hyperplasia after porcine coronary angioplasty. <i>Journal of the American College of Cardiology</i> , 2000 , 36, 2303-10	15.1	70
127	Acute antithrombotic effect of a front-loaded regimen of clopidogrel in patients with atherosclerosis on aspirin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 2316-21	9.4	69
126	Clinical implications of clopidogrel resistance. <i>Thrombosis and Haemostasis</i> , 2008 , 100, 196-203	7	65
125	Anxiety is a better predictor of platelet reactivity in coronary artery disease patients than depression. <i>European Heart Journal</i> , 2010 , 31, 1573-82	9.5	63
124	In vivo 16-slice, multidetector-row computed tomography for the assessment of experimental atherosclerosis: comparison with magnetic resonance imaging and histopathology. <i>Circulation</i> , 2004 , 110, 1467-72	16.7	59
123	Effect of p27 deficiency and rapamycin on intimal hyperplasia: in vivo and in vitro studies using a p27 knockout mouse model. <i>Laboratory Investigation</i> , 2001 , 81, 895-903	5.9	55
122	Cardiovascular implications of HIV-induced dyslipidemia. <i>Atherosclerosis</i> , 2011 , 219, 384-9	3.1	53
121	New understanding of atherosclerosis (clinically and experimentally) with evolving MRI technology in vivo. <i>Annals of the New York Academy of Sciences</i> , 2001 , 947, 181-95; discussion 195-8	6.5	51
120	Macrophages transmit potent proangiogenic effects of oxLDL in vitro and in vivo involving HIF-1 α activation: a novel aspect of angiogenesis in atherosclerosis. <i>Journal of Cardiovascular Translational Research</i> , 2013 , 6, 558-69	3.3	50
119	Comparison of platelet function and morphology in patients undergoing percutaneous coronary intervention receiving bivalirudin versus unfractionated heparin versus clopidogrel pretreatment and bivalirudin. <i>American Journal of Cardiology</i> , 2007 , 100, 417-24	3	50
118	A novel nonobstructive intravascular MRI coil: in vivo imaging of experimental atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 346-50	9.4	47
117	Recombinant apolipoprotein A-I Milano rapidly reverses aortic valve stenosis and decreases leaflet inflammation in an experimental rabbit model. <i>European Heart Journal</i> , 2010 , 31, 2049-57	9.5	46

116	The development of endotension is associated with increased transmission of pressure and serous components in porous expanded polytetrafluoroethylene stent-grafts: characterization using a canine model. <i>Journal of Vascular Surgery</i> , 2006 , 43, 109-16	3.5	45
115	Increased thrombus formation relates to ambient blood glucose and leukocyte count in diabetes mellitus type 2. <i>American Journal of Cardiology</i> , 2000 , 86, 246-9	3	45
114	Different response to balloon angioplasty of carotid and coronary arteries: effects on acute platelet deposition and intimal thickening. <i>Atherosclerosis</i> , 1998 , 140, 307-14	3.1	45
113	Empagliflozin Ameliorates Diastolic Dysfunction and Left Ventricular Fibrosis/Stiffness in Nondiabetic Heart Failure: A Multimodality Study. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 393-407	8.4	45
112	Genesis and dynamics of atherosclerotic lesions: implications for early detection. <i>Cerebrovascular Diseases</i> , 2009 , 27 Suppl 1, 38-47	3.2	44
111	Fenofibrate induces plaque regression in hypercholesterolemic atherosclerotic rabbits: in vivo demonstration by high-resolution MRI. <i>Atherosclerosis</i> , 2007 , 190, 106-13	3.1	44
110	The cardioprotection granted by metoprolol is restricted to its administration prior to coronary reperfusion. <i>International Journal of Cardiology</i> , 2011 , 147, 428-32	3.2	41
109	Up-regulation of reverse cholesterol transport key players and rescue from global inflammation by ApoA-I(Milano). <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 3226-35	5.6	41
108	The pharmacokinetics and pharmacodynamics of SGLT2 inhibitors for type 2 diabetes mellitus: the latest developments. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018 , 14, 1287-1302	5.5	41
107	Thrombi of different pathologies: implications for diagnosis and treatment. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2010 , 12, 274-91	2.1	40
106	Ticagrelor With or Without Aspirin After PCI: The TWILIGHT Platelet Substudy. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 578-586	15.1	39
105	Experimental models for the investigation of high-density lipoprotein-mediated cholesterol efflux. <i>Current Atherosclerosis Reports</i> , 2011 , 13, 266-76	6	38
104	Diagnosis of atherosclerosis by imaging. <i>American Journal of Medicine</i> , 2009 , 122, S15-25	2.4	38
103	Alternatively spliced tissue factor promotes plaque angiogenesis through the activation of hypoxia-inducible factor-1 and vascular endothelial growth factor signaling. <i>Circulation</i> , 2014 , 130, 1274-86	16.7	36
102	In vivo non-invasive serial monitoring of FDG-PET progression and regression in a rabbit model of atherosclerosis. <i>International Journal of Cardiovascular Imaging</i> , 2009 , 25, 251-7	2.5	36
101	Rationale and Design of the EMPA-TROPISM Trial (ATRU-4): Are the "Cardiac Benefits" of Empagliflozin Independent of its Hypoglycemic Activity?. <i>Cardiovascular Drugs and Therapy</i> , 2019 , 33, 87-95	3.9	35
100	Contrast-enhanced ultrasound imaging detects intraplaque neovascularization in an experimental model of atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 1256-64	8.4	35
99	HDL-cholesterol: is it really good? Differences between apoA-I and HDL. <i>Biochemical Pharmacology</i> , 2008 , 76, 443-52	6	34

98	Metabolism of the failing heart and the impact of SGLT2 inhibitors. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019 , 15, 275-285	5.5	32
97	Do the SGLT-2 Inhibitors Offer More than Hypoglycemic Activity?. <i>Cardiovascular Drugs and Therapy</i> , 2018 , 32, 213-222	3.9	32
96	Synergistic effect of liver X receptor activation and simvastatin on plaque regression and stabilization: an magnetic resonance imaging study in a model of advanced atherosclerosis. <i>European Heart Journal</i> , 2012 , 33, 264-73	9.5	32
95	Prostanoid and TP-receptors in atherothrombosis: is there a role for their antagonism?. <i>Thrombosis and Haemostasis</i> , 2010 , 104, 949-54	7	31
94	Therapeutic Potential of Ketone Bodies for Patients With Cardiovascular Disease: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 1660-1669	15.1	31
93	Antithrombotic effects of abciximab. <i>American Journal of Cardiology</i> , 2000 , 85, 1167-72	3	30
92	Intimal Tissue Factor Activity Is Released from the Arterial Wall after Injury. <i>Thrombosis and Haemostasis</i> , 2000 , 83, 622-628	7	29
91	Antithrombotic Effects of DX-9065a, a Direct Factor Xa Inhibitor. <i>Thrombosis and Haemostasis</i> , 2002 , 88, 733-738	7	28
90	Reperfusion-triggered stress protein response in the myocardium is blocked by post-conditioning. Systems biology pathway analysis highlights the key role of the canonical aryl-hydrocarbon receptor pathway. <i>European Heart Journal</i> , 2013 , 34, 2082-93	9.5	27
89	Combined and independent impact of diabetes mellitus and chronic kidney disease on residual platelet reactivity. <i>Thrombosis and Haemostasis</i> , 2013 , 110, 118-23	7	27
88	Tissue factor coagulation pathway: a new therapeutic target in atherothrombosis. <i>Journal of Cardiovascular Pharmacology</i> , 2004 , 43, 669-76	3.1	26
87	Diagnosis of Isolated Noncompaction of the Myocardium by Magnetic Resonance Imaging. <i>Circulation</i> , 2002 , 105,	16.7	26
86	A new oral antiplatelet agent with potent antithrombotic properties: comparison of DZ-697b with clopidogrel a randomised phase I study. <i>Thrombosis and Haemostasis</i> , 2010 , 103, 205-12	7	24
85	Thrombin/inflammation paradigms: a closer look at arterial and venous thrombosis. <i>American Heart Journal</i> , 2005 , 149, S19-31	4.9	24
84	Mechanistic Insights of Empagliflozin in Nondiabetic Patients With HFrEF: From the EMPA-TROPISM Study. <i>JACC: Heart Failure</i> , 2021 , 9, 578-589	7.9	23
83	Carvedilol administration in acute myocardial infarction results in stronger inhibition of early markers of left ventricular remodeling than metoprolol. <i>International Journal of Cardiology</i> , 2011 , 153, 256-61	3.2	22
82	Impaired anti-platelet effect of aspirin, inflammation and platelet turnover in cardiac surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010 , 10, 863-7	1.8	22
81	Quantification and immunolocalization of apolipoprotein E in experimental atherosclerosis. <i>Atherosclerosis</i> , 1986 , 61, 57-66	3.1	21

80	Reduced acute vascular injury and atherosclerosis in hyperlipidemic mice transgenic for lysozyme. <i>American Journal of Pathology</i> , 2006 , 169, 303-13	5.8	20
79	Inhibition of Sodium Glucose Cotransporters Improves Cardiac Performance. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	19
78	Pathophysiological role of blood-borne tissue factor: should the old paradigm be revisited?. <i>Internal and Emergency Medicine</i> , 2011 , 6, 29-34	3.7	19
77	Atherothrombosis: the role of tissue factor. <i>International Journal of Biochemistry and Cell Biology</i> , 2004 , 36, 25-30	5.6	19
76	Impact of Timing on the Functional Recovery Achieved With Platelet Supplementation After Treatment With Ticagrelor. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	18
75	Lethal myocardial reperfusion injury: a necessary evil?. <i>International Journal of Cardiology</i> , 2011 , 151, 3-11	3.2	18
74	Anti-thrombotic effect of bivalirudin compared with eptifibatide and unfractionated heparin in diabetic patients: an ex vivo human study. <i>Thrombosis and Haemostasis</i> , 2006 , 95, 441-6	7	18
73	Emerging importance of HDL cholesterol in developing high-risk coronary plaques in acute coronary syndromes. <i>Current Opinion in Cardiology</i> , 2003 , 18, 286-94	2.1	18
72	Development of a preclinical model of ischemic cardiomyopathy in swine. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 301, H530-7	5.2	17
71	Quantification of serial changes in plaque burden using multi-detector computed tomography in experimental atherosclerosis. <i>Atherosclerosis</i> , 2009 , 202, 185-91	3.1	17
70	Selective estrogen receptor modulation influences atherosclerotic plaque composition in a rabbit menopause model. <i>Atherosclerosis</i> , 2008 , 201, 76-84	3.1	17
69	The Mikamo Lecture 2002. Therapeutic targets for the treatment of atherothrombosis in the new millennium--clinical frontiers in atherosclerosis research. <i>Circulation Journal</i> , 2002 , 66, 783-90	2.9	17
68	Value or desirability of hemorheological-hemostatic parameter changes as endpoints in blood lipid-regulating trials. <i>Current Opinion in Lipidology</i> , 2001 , 12, 629-37	4.4	17
67	Acute ApoA-I Milano administration induces plaque regression and stabilisation in the long term. <i>Thrombosis and Haemostasis</i> , 2012 , 108, 1246-8	7	16
66	Artery dissection and arterial thrombus aging: the role of noninvasive magnetic resonance imaging. <i>Circulation</i> , 2001 , 103, 2420-1	16.7	16
65	Badimon Perfusion Chamber: An Ex Vivo Model of Thrombosis. <i>Methods in Molecular Biology</i> , 2018 , 1816, 161-171	1.4	15
64	Coronary artery disease in aging women: a menopause of endothelial progenitor cells?. <i>Medical Clinics of North America</i> , 2012 , 96, 93-102	7	14
63	Incremento de las HDL como arma terapéutica en la aterotrombosis. <i>Revista Espanola De Cardiologia</i> , 2010 , 63, 323-333	1.5	13

62	Targeting thrombogenicity and inflammation in chronic HIV infection. <i>Science Advances</i> , 2019 , 5, eaav5461.3	4.3	12
61	Differences in thrombus structure and kinetics in patients with type 2 diabetes mellitus after non ST elevation acute coronary syndrome. <i>Thrombosis Research</i> , 2014 , 133, 880-5	8.2	12
60	Platelet reactivity and nonresponse to dual antiplatelet therapy: a review. <i>Platelets</i> , 2009 , 20, 531-8	3.6	12
59	Pharmacology of thienopyridines: rationale for dual pathway inhibition. <i>Country Review Ukraine</i> , 2006 , 8, G3-G9		12
58	Shear stress-dependent platelet function after LDL cholesterol apheresis. <i>Thrombosis Research</i> , 2004 , 113, 395-8	8.2	12
57	Susceptibility to chronic social stress increases plaque progression, vulnerability and platelet activation. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 816-818	7	11
56	Antithrombotic potency of ticagrelor versus clopidogrel in type-2 diabetic patients with cardiovascular disease. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 1981-1988	7	11
55	Accelerated reendothelialization, increased neovascularization and erythrocyte extravasation after arterial injury in BAMBI ^{-/-} mice. <i>PLoS ONE</i> , 2013 , 8, e58550	3.7	11
54	Differential inhibitory action of apixaban on platelet and fibrin components of forming thrombi: Studies with circulating blood and in a platelet-based model of thrombin generation. <i>PLoS ONE</i> , 2017 , 12, e0171486	3.7	10
53	Safe and sustained overexpression of functional apolipoprotein A-I/high-density lipoprotein in apolipoprotein A-I-null mice by muscular adeno-associated viral serotype 8 vector gene transfer. <i>Journal of Cardiovascular Pharmacology</i> , 2009 , 54, 405-11	3.1	10
52	Can we image the "active" thrombus?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1753-4	4.4	10
51	Dronedarone exerts anticoagulant and antiplatelet effects independently of its antiarrhythmic actions. <i>Atherosclerosis</i> , 2017 , 266, 81-86	3.1	9
50	Nuevas técnicas de imagen para la cuantificación de la carga aterosclerótica global. <i>Revista Espanola De Cardiología</i> , 2007 , 60, 299-309	1.5	9
49	Validation study of a semi-automated program for quantification of atherosclerotic burden. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007 , 9, 615-20	6.9	9
48	Clinical and experimental experience with factor Xa inhibitors. <i>American Journal of Cardiovascular Drugs</i> , 2004 , 4, 379-84	4	9
47	Estimation of the major cardiovascular events prevention with Inclisiran. <i>Atherosclerosis</i> , 2020 , 313, 76-80	9.1	9
46	Overview of Aspirin and Platelet Biology. <i>American Journal of Cardiology</i> , 2021 , 144 Suppl 1, S2-S9	3	9
45	Adeno-associated virus serotype 8 ApoA-I gene transfer reduces progression of atherosclerosis in ApoE-KO mice: comparison of intramuscular and intravenous administration. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 325-33	3.1	8

44	Statin therapy alone and in combination with an acyl-CoA:cholesterol O-acyltransferase inhibitor on experimental atherosclerosis. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2007 , 36, 9-17		8
43	Antithrombotic effects of DX-9065a, a direct factor Xa inhibitor: a comparative study in humans versus low molecular weight heparin. <i>Thrombosis and Haemostasis</i> , 2002 , 88, 733-8	7	8
42	Incremental effects of diabetes mellitus and chronic kidney disease in medial arterial calcification: Synergistic pathways for peripheral artery disease progression. <i>Vascular Medicine</i> , 2019 , 24, 383-394	3.3	7
41	The beneficial effects of HDL-C on atherosclerosis: rationale and clinical results. <i>Clinical Lipidology</i> , 2011 , 6, 181-208		7
40	Peroxisome proliferator-activated receptor ligands in atherosclerosis. <i>Expert Opinion on Investigational Drugs</i> , 2004 , 13, 1393-403	5.9	7
39	Internalization of microparticles by platelets is partially mediated by toll-like receptor 4 and enhances platelet thrombogenicity. <i>Atherosclerosis</i> , 2020 , 294, 17-24	3.1	7
38	Cardiac Complications After Community-Acquired Pneumonia. <i>American Journal of Cardiology</i> , 2016 , 117, 310	3	6
37	Escitalopram Impairs Thrombin-Induced Platelet Response, Cytoskeletal Assembly and Activation of Associated Signalling Pathways. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 2312-2321	7	6
36	Measures of thrombosis and fibrinolysis. <i>Clinics in Laboratory Medicine</i> , 2006 , 26, 655-78, vii	2.1	6
35	Application of phospho-CyTOF to characterize immune activation in patients with sickle cell disease in an ex vivo model of thrombosis. <i>Journal of Immunological Methods</i> , 2018 , 453, 11-19	2.5	6
34	Increasing high-density lipoprotein as a therapeutic target in atherothrombotic disease. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2010 , 63, 323-33	0.7	5
33	Niacin is still beneficial. Implications from an updated meta-regression analysis. <i>Acta Cardiologica</i> , 2016 , 71, 463-472	0.9	5
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