Lina Badimon

List of Publications by Year
in descending order

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550 papers	51,209 citations	5261 83 h-index	1856 209 g-index
584 all docs	584 docs citations	584 times ranked	44342 citing authors

#	Article	IF	Citations
1	2019 ESC/EAS Guidelines for the management of dyslipidaemias: lipid modification to reduce cardiovascular risk. European Heart Journal, 2020, 41, 111-188.	1.0	4,871
2	2014 ESC/EACTS Guidelines on myocardial revascularization. European Heart Journal, 2014, 35, 2541-2619.	1.0	4,141
3	The Pathogenesis of Coronary Artery Disease and the Acute Coronary Syndromes. New England Journal of Medicine, 1992, 326, 242-250.	13.9	3,135
4	2017 ESC focused update on dual antiplatelet therapy in coronary artery disease developed in collaboration with EACTS. European Heart Journal, 2018, 39, 213-260.	1.0	2,246
5	2014 ESC/EACTS Guidelines on myocardial revascularization. European Journal of Cardio-thoracic Surgery, 2014, 46, 517-592.	0.6	2,164
6	2015 ESC Guidelines for the diagnosis and management of pericardial diseases. European Heart Journal, 2015, 36, 2921-2964.	1.0	1,768
7	ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD. European Heart Journal, 2013, 34, 3035-3087.	1.0	1,758
8	2019 ESC/EAS guidelines for the management of dyslipidaemias: Lipid modification to reduce cardiovascular risk. Atherosclerosis, 2019, 290, 140-205.	0.4	1,753
9	The Pathogenesis of Coronary Artery Disease and the Acute Coronary Syndromes. New England Journal of Medicine, 1992, 326, 310-318.	13.9	1,673
10	Atherosclerosis. Nature Reviews Disease Primers, 2019, 5, 56.	18.1	1,601
11	2016 ESC Position Paper on cancer treatments and cardiovascular toxicity developed under the auspices of the ESC Committee for Practice Guidelines. European Journal of Heart Failure, 2017, 19, 9-42.	2.9	920
12	Syndromes of accelerated atherosclerosis: Role of vascular injury and smooth muscle cell proliferation. Journal of the American College of Cardiology, 1990, 15, 1667-1687.	1.2	738
13	Characterization of the relative thrombogenicity of atherosclerotic plaque components: Implications for consequences of plaque rupture. Journal of the American College of Cardiology, 1994, 23, 1562-1569.	1.2	551
14	Tissue Factor Modulates the Thrombogenicity of Human Atherosclerotic Plaques. Circulation, 1997, 95, 594-599.	1.6	475
15	Olive oil and health: Summary of the II international conference on olive oil and health consensus report, JaÃ©n and CÃ³rdoba (Spain) 2008. Nutrition, Metabolism and Cardiovascular Diseases, 2010, 20, 284-294.	1.1	449
16	An EAPCI Expert Consensus Document on Ischaemia with Non-Obstructive Coronary Arteries in Collaboration with European Society of Cardiology Working Group on Coronary Pathophysiology & Microcirculation Endorsed by Coronary Vasomotor Disorders International Study Group. European Heart Journal, 2020, 41, 3504-3520.	1.0	385
17	Bleeding in acute coronary syndromes and percutaneous coronary interventions: position paper by the Working Group on Thrombosis of the European Society of Cardiology. European Heart Journal, 2011, 32, 1854-1864.	1.0	343
18	A DNA methylation fingerprint of 1628 human samples. Genome Research, 2012, 22, 407-419.	2.4	341

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19	Lipoprotein(a) Levels in FamilialÂHypercholesterolemia. Journal of the American College of Cardiology, 2014, 63, 1982-1989.	1.2	283
20	Predicting Cardiovascular Events in Familial Hypercholesterolemia. Circulation, 2017, 135, 2133-2144.	1.6	270
21	The role of platelets, thrombin and hyperplasia in restenosis after coronary angioplasty. Journal of the American College of Cardiology, 1991, 17, 77-88.	1.2	266
22	Atherosclerosis, platelets and thrombosis in acute ischaemic heart disease. European Heart Journal: Acute Cardiovascular Care, 2012, 1, 60-74.	0.4	264
23	2017 ESC focused update on dual antiplatelet therapy in coronary artery disease developed in collaboration with EACTS. European Journal of Cardio-thoracic Surgery, 2018, 53, 34-78.	0.6	261
24	Local Inhibition of Tissue Factor Reduces the Thrombogenicity of Disrupted Human Atherosclerotic Plaques. Circulation, 1999, 99, 1780-1787.	1.6	250
25	Ischaemic heart disease in women: are there sex differences in pathophysiology and risk factors?: Position Paper from the Working Group on Coronary Pathophysiology and Microcirculation of the European Society of Cardiology. Cardiovascular Research, 2011, 90, 9-17.	1.8	242
26	Attainment of LDL-Cholesterol TreatmentÂGoals in Patients With FamilialÂHypercholesterolemia. Journal of the American College of Cardiology, 2016, 67, 1278-1285.	1.2	221
27	Antiplatelet agents for the treatment and prevention of atherothrombosis. European Heart Journal, 2011, 32, 2922-2932.	1.0	203
28	Depression and coronary heart disease: 2018 position paper of the ESC working group on coronary pathophysiology and microcirculation. European Heart Journal, 2020, 41, 1687-1696.	1.0	203
29	Microvesicles in vascular homeostasis and diseases. Thrombosis and Haemostasis, 2017, 117, 1296-1316.	1.8	193
30	Nutraceuticals and Atherosclerosis: Human Trials. Cardiovascular Therapeutics, 2010, 28, 202-215.	1.1	185
31	Sex Differences in Outcomes After STEMI. JAMA Internal Medicine, 2018, 178, 632.	2.6	183
32	Current and novel biomarkers of thrombotic risk in COVID-19: a Consensus Statement from the International COVID-19 Thrombosis Biomarkers Colloquium. Nature Reviews Cardiology, 2022, 19, 475-495.	6.1	180
33	Thrombin and protease-activated receptors (PARs) in atherothrombosis. Thrombosis and Haemostasis, 2008, 99, 305-315.	1.8	179
34	Molecular and cellular mechanisms involved in cardiac remodeling after acute myocardial infarction. Journal of Molecular and Cellular Cardiology, 2011, 50, 522-533.	0.9	178
35	Coronary vascular regulation, remodelling, and collateralization: mechanisms and clinical implications on behalf of the working group on coronary pathophysiology and microcirculation. European Heart Journal, 2015, 36, 3134-3146.	1.0	177
36	C-Reactive Protein in Atherothrombosis and Angiogenesis. Frontiers in Immunology, 2018, 9, 430.	2.2	175

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37	Novel methodologies for biomarker discovery in atherosclerosis. European Heart Journal, 2015, 36, 2635-2642.	1.0	174
38	Reducing the Clinical and Public Health Burden of Familial Hypercholesterolemia. JAMA Cardiology, 2020, 5, 217.	3.0	169
39	Long-term secondary prevention of cardiovascular disease with a Mediterranean diet and a low-fat diet (CORDIOPREV): a randomised controlled trial. Lancet, The, 2022, 399, 1876-1885.	6.3	169
40	Echocardiographic â€œsmokeâ€•is produced by an interaction of erythrocytes and plasma proteins modulated by shear forces. Journal of the American College of Cardiology, 1992, 20, 1661-1668.	1.2	167
41	Endothelial function in cardiovascular medicine: a consensus paper of the European Society of Cardiology Working Groups on Atherosclerosis and Vascular Biology, Aorta and Peripheral Vascular Diseases, Coronary Pathophysiology and Microcirculation, and Thrombosis. Cardiovascular Research, 2021, 117, 29-42.	1.8	164
42	Intratumor cholesteryl ester accumulation is associated with human breast cancer proliferation and aggressive potential: a molecular and clinicopathological study. BMC Cancer, 2015, 15, 460.	1.1	162
43	Deep arterial injury during experimental angioplasty: Relation to a positive indium-111-labeled platelet scintigram, quantitative platelet deposition and mural thrombosis. Journal of the American College of Cardiology, 1986, 8, 1380-1386.	1.2	161
44	Circulating and platelet-derived microparticles in human blood enhance thrombosis on atherosclerotic plaques. Thrombosis and Haemostasis, 2012, 108, 1208-1219.	1.8	156
45	Patients With High Genome-Wide Polygenic Risk Scores for Coronary Artery Disease May Receive Greater Clinical Benefit From Alirocumab Treatment in the ODYSSEY OUTCOMES Trial. Circulation, 2020, 141, 624-636.	1.6	155
46	Mechanisms of Chronic State of Inflammation as Mediators That Link Obese Adipose Tissue and Metabolic Syndrome. Mediators of Inflammation, 2013, 2013, 1-11.	1.4	153
47	Restenosis after arterial angioplasty: A hemorrheologic response to injury. American Journal of Cardiology, 1987, 60, 10-16.	0.7	150
48	Regulation of lysyl oxidase in vascular cells: lysyl oxidase as a new player in cardiovascular diseases. Cardiovascular Research, 2008, 79, 7-13.	1.8	150
49	The NR4A subfamily of nuclear receptors: new early genes regulated by growth factors in vascular cells. Cardiovascular Research, 2005, 65, 609-618.	1.8	148
50	ESC Working Group on Coronary Pathophysiology and Microcirculation position paper on â€˜coronary microvascular dysfunction in cardiovascular diseaseâ€™. Cardiovascular Research, 2020, 116, 741-755.	1.8	147
51	Platelet inhibitor agents in cardiovascular disease: An update. Journal of the American College of Cardiology, 1989, 14, 813-836.	1.2	146
52	New insights into the role of adipose tissue in thrombosis. Cardiovascular Research, 2017, 113, 1046-1054.	1.8	141
53	Effects of Polyphenol Intake on Metabolic Syndrome: Current Evidences from Human Trials. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-18.	1.9	139
54	Effect of Mediterranean diet on the expression of pro-atherogenic genes in a population at high cardiovascular risk. Atherosclerosis, 2010, 208, 442-450.	0.4	138

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55	Update on lipids, inflammation and atherothrombosis. Thrombosis and Haemostasis, 2011, 105, S34-S42.	1.8	138
56	LDLâ€cholesterol versus HDLâ€cholesterol in the atherosclerotic plaque: inflammatory resolution versus thrombotic chaos. Annals of the New York Academy of Sciences, 2012, 1254, 18-32.	1.8	138
57	Global position paper on cardiovascular regenerative medicine. European Heart Journal, 2017, 38, 2532-2546.	1.0	133
58	High levels of homocysteine inhibit lysyl oxidase (LOX) and downregulate LOX expression in vascular endothelial cells. Atherosclerosis, 2004, 177, 1-8.	0.4	128
59	Molecular networks in Network Medicine: Development and applications. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2020, 12, e1489.	6.6	128
60	LDL Receptorâ€“Related Protein Mediates Uptake of Aggregated LDL in Human Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1572-1579.	1.1	122
61	Rapid Change in Plaque Size, Composition, and Molecular Footprint After Recombinant Apolipoprotein A-IMilano (ETC-216) Administration. Journal of the American College of Cardiology, 2008, 51, 1104-1109.	1.2	122
62	Clinical characteristics and evaluation of LDL-cholesterol treatment of the Spanish Familial Hypercholesterolemia Longitudinal Cohort Study (SAFEHEART). Lipids in Health and Disease, 2011, 10, 94.	1.2	121
63	Delayed Care and Mortality Among Women and Men With Myocardial Infarction. Journal of the American Heart Association, 2017, 6, .	1.6	121
64	Ischemia/reperfusion activates myocardial innate immune response: the key role of the toll-like receptor. Frontiers in Physiology, 2014, 5, 496.	1.3	120
65	Role of Platelet-Derived Microvesicles As Crosstalk Mediators in Atherothrombosis and Future Pharmacology Targets: A Link between Inflammation, Atherosclerosis, and Thrombosis. Frontiers in Pharmacology, 2016, 07, 293.	1.6	116
66	Stem cells isolated from adipose tissue of obese patients show changes in their transcriptomic profile that indicate loss in stemcellness and increased commitment to an adipocyte-like phenotype. BMC Genomics, 2013, 14, 625.	1.2	115
67	The subcutaneous adipose tissue reservoir of functionally active stem cells is reduced in obese patients. FASEB Journal, 2012, 26, 4327-4336.	0.2	114
68	Inflammation, Aging, and CardiovascularÂDisease. Journal of the American College of Cardiology, 2022, 79, 837-847.	1.2	113
69	Neuron-Derived Orphan Receptor-1 (NOR-1) Modulates Vascular Smooth Muscle Cell Proliferation. Circulation Research, 2003, 92, 96-103.	2.0	112
70	Low-Density Lipoprotein Upregulates Low-Density Lipoprotein Receptor-Related Protein Expression in Vascular Smooth Muscle Cells. Circulation, 2002, 106, 3104-3110.	1.6	107
71	Monounsaturated and Polyunsaturated n-6 Fatty Acidâ€“Enriched Diets Modify LDL Oxidation and Decrease Human Coronary Smooth Muscle Cell DNA Synthesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 2088-2095.	1.1	105
72	D -Dimer is an early diagnostic marker of coronary ischemia in patients with chest pain. American Heart Journal, 2000, 140, 379-384.	1.2	105

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73	Lipid-lowering therapy with statins reduces microparticle shedding from endothelium, platelets and inflammatory cells. Thrombosis and Haemostasis, 2013, 110, 366-377.	1.8	104
74	Presentation, management, and outcomes of ischaemic heart disease in women. Nature Reviews Cardiology, 2013, 10, 508-518.	6.1	103
75	C-Reactive Protein Isoforms Differ in Their Effects on Thrombus Growth. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 2239-2246.	1.1	101
76	Protective Effects of Ticagrelor on Myocardial Injury After Infarction. Circulation, 2016, 134, 1708-1719.	1.6	101
77	Aggregated Low-Density Lipoprotein Uptake Induces Membrane Tissue Factor Procoagulant Activity and Microparticle Release in Human Vascular Smooth Muscle Cells. Circulation, 2004, 110, 452-459.	1.6	97
78	Antiplatelet properties of natural products. Vascular Pharmacology, 2013, 59, 67-75.	1.0	97
79	Atherosclerosis and Thrombosis: Insights from Large Animal Models. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-12.	3.0	96
80	Recombinant HDLMilano exerts greater anti-inflammatory and plaque stabilizing properties than HDLwild-type. Atherosclerosis, 2012, 220, 72-77.	0.4	95
81	Cardiovascular disease and COVID-19: a consensus paper from the ESC Working Group on Coronary Pathophysiology & Microcirculation, ESC Working Group on Thrombosis and the Association for Acute CardioVascular Care (ACVC), in collaboration with the European Heart Rhythm Association (EHRA). Cardiovascular Research, 2021, 117, 2705-2729.	1.8	95
82	Adipose tissue depots and inflammation: effects on plasticity and resident mesenchymal stem cell function. Cardiovascular Research, 2017, 113, 1064-1073.	1.8	91
83	Female sex as an independent risk factor for stroke in atrial fibrillation: Possible mechanisms. Thrombosis and Haemostasis, 2014, 111, 385-391.	1.8	90
84	Intraplaque MMP-8 levels are increased in asymptomatic patients with carotid plaque progression on ultrasound. Atherosclerosis, 2006, 187, 161-169.	0.4	89
85	Diet and Cardiovascular Disease: Effects of Foods and Nutrients in Classical and Emerging Cardiovascular Risk Factors. Current Medicinal Chemistry, 2019, 26, 3639-3651.	1.2	89
86	Mechanisms Underlying the Cardiovascular Effects of COX-Inhibition: Benefits and Risks. Current Pharmaceutical Design, 2007, 13, 2215-2227.	0.9	86
87	Benefits and Risks of Moderate Alcohol Consumption on Cardiovascular Disease: Current Findings and Controversies. Nutrients, 2020, 12, 108.	1.7	84
88	3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibition Prevents Endothelial NO Synthase Downregulation by Atherogenic Levels of Native LDLs. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 804-809.	1.1	81
89	Lysyl oxidase (LOX) down-regulation by TNFÎ±: A new mechanism underlying TNFÎ±-induced endothelial dysfunction. Atherosclerosis, 2008, 196, 558-564.	0.4	81
90	Endogenous Expression of C-Reactive Protein Is Increased in Active (Ulcerated Noncomplicated) Human Carotid Artery Plaques. Stroke, 2006, 37, 1200-1204.	1.0	80

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91	Atherogenic concentrations of native low-density lipoproteins down-regulate nitric-oxide-synthase mRNA and protein levels in endothelial cells. FEBS Journal, 1998, 252, 378-384.	0.2	78
92	Wnt pathway activation, cell migration, and lipid uptake is regulated by low-density lipoprotein receptor-related protein 5 in human macrophages. European Heart Journal, 2011, 32, 2841-2850.	1.0	78
93	Advances in HDL: Much More than Lipid Transporters. International Journal of Molecular Sciences, 2020, 21, 732.	1.8	78
94	Neuron-Derived Orphan Receptor-1 (NOR-1) Modulates Vascular Smooth Muscle Cell Proliferation. Circulation Research, 2003, 92, 96-103.	2.0	78
95	Low Density Lipoproteins Downregulate Lysyl Oxidase in Vascular Endothelial Cells and the Arterial Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1409-1414.	1.1	77
96	Modified Câ€Reactive Protein Is Expressed by Stroke Neovessels and Is a Potent Activator of Angiogenesis In Vitro. Brain Pathology, 2010, 20, 151-165.	2.1	77
97	Monomeric C-reactive protein is prothrombotic and dissociates from circulating pentameric C-reactive protein on adhered activated platelets under flow. Cardiovascular Research, 2011, 92, 328-337.	1.8	76
98	Circulating CD45+/CD3+ lymphocyte-derived microparticles map lipid-rich atherosclerotic plaques in familial hypercholesterolaemia patients. Thrombosis and Haemostasis, 2014, 111, 111-121.	1.8	76
99	High levels of TSP1+/CD142+ platelet-derived microparticles characterise young patients with high cardiovascular risk and subclinical atherosclerosis. Thrombosis and Haemostasis, 2015, 114, 1310-1321.	1.8	74
100	Platelet-, monocyte-derived and tissue factor-carrying circulating microparticles are related to acute myocardial infarction severity. PLoS ONE, 2017, 12, e0172558.	1.1	74
101	Human Coronary Smooth Muscle Cells Internalize Versican-Modified LDL Through LDL Receptorâ€"Related Protein and LDL Receptors. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 387-393.	1.1	73
102	Identifying the anti-inflammatory response to lipid lowering therapy: a position paper from the working group on atherosclerosis and vascular biology of the European Society of Cardiology. Cardiovascular Research, 2019, 115, 10-19.	1.8	72
103	The Three Processes Leading to Post PTCA Restenosis: Dependence on the Lesion Substrate. Thrombosis and Haemostasis, 1995, 74, 552-559.	1.8	69
104	Hypoxia Stimulates Low-Density Lipoprotein Receptorâ€"Related Protein-1 Expression Through Hypoxia-Inducible Factor-1Î± in Human Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1411-1420.	1.1	68
105	Effect of ajoene, the major antiplatelet compound from garlic, on platelet thrombus formation. Thrombosis Research, 1992, 68, 145-155.	0.8	67
106	LDL Receptorâ€"Related Protein and the Vascular Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 497-504.	1.1	67
107	C-reactive protein exerts angiogenic effects on vascular endothelial cells and modulates associated signalling pathways and gene expression. BMC Cell Biology, 2008, 9, 47.	3.0	67
108	Electrical Aggregometry in Whole Blood from Human, Pig and Rabbit. Thrombosis and Haemostasis, 1986, 56, 128-132.	1.8	67

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109	A generic operational strategy to qualify translational safety biomarkers. Drug Discovery Today, 2011, 16, 600-608.	3.2	66
110	Atherosclerosis and Thrombosis: Lessons from Animal Models. Thrombosis and Haemostasis, 2001, 86, 356-365.	1.8	65
111	Systems biology approach to identify alterations in the stem cell reservoir of subcutaneous adipose tissue in a rat model of diabetes: effects on differentiation potential and function. Diabetologia, 2014, 57, 246-256.	2.9	65
112	Sustained long-term improvement of arterial endothelial function in heterozygous familial hypercholesterolemia patients treated with simvastatin. Atherosclerosis, 2001, 157, 423-429.	0.4	64
113	The Hypoxia-Inducible Factor 1/NOR-1 Axis Regulates the Survival Response of Endothelial Cells to Hypoxia. Molecular and Cellular Biology, 2009, 29, 5828-5842.	1.1	64
114	Position paper of the European Society of Cardiologyâ€“working group of coronary pathophysiology and microcirculation: obesity and heart disease. European Heart Journal, 2017, 38, 1951-1958.	1.0	64
115	Involvement of Neuron-Derived Orphan Receptor-1 (NOR-1) in LDL-Induced Mitogenic Stimulus in Vascular Smooth Muscle Cells: Role of CREB. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 697-702.	1.1	63
116	Sex-Related Differences in HeartÂFailureÂAfter ST-Segment Elevation Myocardial Infarction. Journal of the American College of Cardiology, 2019, 74, 2379-2389.	1.2	63
117	HMG-CoA reductase inhibitors reduce vascular monocyte chemotactic protein-1 expression in early lesions from hypercholesterolemic swine independently of their effect on plasma cholesterol levels. Atherosclerosis, 2001, 159, 27-33.	0.4	62
118	Circulating microparticle signature in coronary and peripheral blood of ST elevation myocardial infarction patients in relation to pain-to-PCI elapsed time. International Journal of Cardiology, 2016, 202, 378-387.	0.8	62
119	The cancer patient and cardiology. European Journal of Heart Failure, 2020, 22, 2290-2309.	2.9	62
120	A thromboxane A2/prostaglandin H2 receptor antagonist (S18886) shows high antithrombotic efficacy in an experimental model of stent-induced thrombosis. Thrombosis and Haemostasis, 2007, 98, 662-669.	1.8	61
121	Proteomic Signature of Apolipoprotein J in the Early Phase of New-Onset Myocardial Infarction. Journal of Proteome Research, 2011, 10, 211-220.	1.8	61
122	Microvesicles in Atherosclerosis and Angiogenesis: From Bench to Bedside and Reverse. Frontiers in Cardiovascular Medicine, 2017, 4, 77.	1.1	61
123	Cocoa consumption reduces NF-Î²B activation in peripheral blood mononuclear cells in humans. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 257-263.	1.1	60
124	Esterified Cholesterol Accumulation Induced by Aggregated LDL Uptake in Human Vascular Smooth Muscle Cells Is Reduced by HMG-CoA Reductase Inhibitors. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 738-746.	1.1	59
125	Specific Characteristics of Sudden Death in a Mediterranean Spanish Population. American Journal of Cardiology, 2011, 107, 622-627.	0.7	59
126	Nitric oxide synthase II (NOS II) gene expression correlates with atherosclerotic intimal thickening. Preventive effects of HMG-CoA reductase inhibitors. Atherosclerosis, 1999, 145, 325-331.	0.4	58

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127	Sphingosine-1-phosphate: A bioactive lipid that confers high-density lipoprotein with vasculoprotection mediated by nitric oxide and prostacyclin. Thrombosis and Haemostasis, 2009, 101, 665-673.	1.8	58
128	Acute Coronary Syndrome: The Risk to Young Women. Journal of the American Heart Association, 2017, 6, .	1.6	58
129	Sterol regulatory element binding proteins downregulate LDL receptor-related protein (LRP1) expression and LRP1-mediated aggregated LDL uptake by human macrophages. Cardiovascular Research, 2007, 74, 526-536.	1.8	57
130	Comparison of Early Versus Delayed Oral Î² Blockers in Acute Coronary Syndromes and Effect on Outcomes. American Journal of Cardiology, 2016, 117, 760-767.	0.7	57
131	Mevalonate deprivation impairs IGF-I/insulin signaling in human vascular smooth muscle cells. Atherosclerosis, 1997, 135, 213-223.	0.4	56
132	Angina, â€œNormalâ€•Coronary Angiography, and Vascular Dysfunction: Risk Assessment Strategies. PLoS Medicine, 2007, 4, e12.	3.9	56
133	Low-density lipoprotein receptor-related protein 1 mediates hypoxia-induced very low density lipoprotein-cholesteryl ester uptake and accumulation in cardiomyocytes. Cardiovascular Research, 2012, 94, 469-479.	1.8	56
134	A Review of Macroscopic Thrombus Modeling Methods. Thrombosis Research, 2013, 131, 116-124.	0.8	56
135	Microparticle Shedding from Neural Progenitor Cells and Vascular Compartment Cells Is Increased in Ischemic Stroke. PLoS ONE, 2016, 11, e0148176.	1.1	56
136	The cardioprotection granted by metoprolol is restricted to its administration prior to coronary reperfusion. International Journal of Cardiology, 2011, 147, 428-432.	0.8	55
137	Angiogenic Microvascular Endothelial Cells Release Microparticles Rich in Tissue Factor That Promotes Postischemic Collateral Vessel Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 348-357.	1.1	55
138	CD3+/CD45+ and SMA-Î±+ circulating microparticles are increased in individuals at high cardiovascular risk who will develop a major cardiovascular event. International Journal of Cardiology, 2016, 208, 147-149.	0.8	55
139	The key contribution of platelet and vascular arachidonic acid metabolism to the pathophysiology of atherothrombosis. Cardiovascular Research, 2021, 117, 2001-2015.	1.8	55
140	Platelet Deposition on Eroded Vessel Walls at a Stenotic Shear Rate Is Inhibited by Lipid-Lowering Treatment With Atorvastatin. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 1812-1817.	1.1	54
141	NOR-1 is involved in VEGF-induced endothelial cell growth. Atherosclerosis, 2006, 184, 276-282.	0.4	54
142	Cholesteryl Esters of Aggregated LDL Are Internalized by Selective Uptake in Human Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 117-123.	1.1	54
143	Influence of Statin Use on Endothelial Function: From Bench to Clinics. Current Pharmaceutical Design, 2007, 13, 1771-1786.	0.9	53
144	Lipoproteins, Platelets, and Atherothrombosis. Revista Espanola De Cardiologia (English Ed), 2009, 62, 1161-1178.	0.4	53

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145	Biological actions of pentraxins. Vascular Pharmacology, 2015, 73, 38-44.	1.0	53
146	von Willebrand Factor and Cardiovascular Disease. Thrombosis and Haemostasis, 1993, 70, 111-118.	1.8	53
147	Protective mechanisms of adenosine 5â€²-monophosphate in platelet activation and thrombus formation. Thrombosis and Haemostasis, 2014, 111, 491-507.	1.8	52
148	Changes in thrombus composition and profilin-1 release in acute myocardial infarction. European Heart Journal, 2015, 36, 965-975.	1.0	52
149	Phytosterols and Inflammation. Current Medicinal Chemistry, 2019, 26, 6724-6734.	1.2	52
150	The Porcine Model for the Understanding of Thrombogenesis and Atherogenesis. Mayo Clinic Proceedings, 1991, 66, 818-831.	1.4	51
151	Dissolution of Mural Thrombus by Specific Thrombin Inhibition With r-Hirudin. Circulation, 1998, 97, 681-685.	1.6	51
152	Identification of Differential Protein Expression Associated with Development of Unstable Human Carotid Plaques. American Journal of Pathology, 2006, 168, 1004-1021.	1.9	51
153	Simvastatin potenciates PGI2 release induced by HDL in human VSMC: effect on Cox-2 up-regulation and MAPK signalling pathways activated by HDL. Atherosclerosis, 2004, 174, 305-313.	0.4	50
154	MicroRNA-145 Regulates the Differentiation of Adipose Stem Cells Toward Microvascular Endothelial Cells and Promotes Angiogenesis. Circulation Research, 2019, 125, 74-89.	2.0	50
155	Antithrombotic therapy after myocardial reperfusion in acute myocardial infarction. Journal of the American College of Cardiology, 1988, 12, A78-A84.	1.2	49
156	Oleanolic Acid Induces Prostacyclin Release in Human Vascular Smooth Muscle Cells through a Cyclooxygenase-2-Dependent Mechanism. Journal of Nutrition, 2008, 138, 443-448.	1.3	49
157	Prostacyclin induction by high-density lipoprotein (HDL) in vascular smooth muscle cells depends on sphingosine 1-phosphate receptors: Effect of simvastatin. Thrombosis and Haemostasis, 2008, 100, 119-126.	1.8	49
158	Perspectives: The burden of cardiovascular risk factors and coronary heart disease in Europe and worldwide. European Heart Journal Supplements, 2014, 16, A7-A11.	0.0	49
159	Systems biology approaches to understand the effects of nutrition and promote health. British Journal of Clinical Pharmacology, 2017, 83, 38-45.	1.1	49
160	Circulating Biomarkers. Thrombosis Research, 2012, 130, S12-S15.	0.8	48
161	K Domain CR9 of Low Density Lipoprotein (LDL) Receptor-related Protein 1 (LRP1) Is Critical for Aggregated LDL-induced Foam Cell Formation from Human Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2015, 290, 14852-14865.	1.6	48
162	Different response to balloon angioplasty of carotid and coronary arteries: effects on acute platelet deposition and intimal thickening. Atherosclerosis, 1998, 140, 307-314.	0.4	47

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