Borja Ibanez

List of Publications by Year
in descending order

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317 papers	34,526 citations	17776 65 h-index	4622 176 g-index
336 all docs	336 docs citations	336 times ranked	36282 citing authors

#	Article	IF	Citations
1	2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. European Heart Journal, 2018, 39, 119-177.	1.0	7,100
2	2018 ESC/EACTS Guidelines on myocardial revascularization. European Heart Journal, 2019, 40, 87-165.	1.0	4,537
3	Fourth universal definition of myocardial infarction (2018). European Heart Journal, 2019, 40, 237-269.	1.0	2,687
4	2019 ESC Guidelines for the diagnosis and management of acute pulmonary embolism developed in collaboration with the European Respiratory Society (ERS). European Heart Journal, 2020, 41, 543-603.	1.0	2,426
5	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
6	Evolving Therapies for Myocardial Ischemia/Reperfusion Injury. Journal of the American College of Cardiology, 2015, 65, 1454-1471.	1.2	777
7	Multitarget Strategies to Reduce Myocardial Ischemia/Reperfusion Injury. Journal of the American College of Cardiology, 2019, 73, 89-99.	1.2	484
8	Imbalanced OPA1 processing and mitochondrial fragmentation cause heart failure in mice. Science, 2015, 350, aad0116.	6.0	403
9	2018 ESC/EACTS Guidelines on myocardial revascularization. European Journal of Cardio-thoracic Surgery, 2019, 55, 4-90.	0.6	402
10	A Network of Macrophages Supports Mitochondrial Homeostasis in the Heart. Cell, 2020, 183, 94-109.e23.	13.5	360
11	Prevalence, Vascular Distribution, and Multiterritorial Extent of Subclinical Atherosclerosis in a Middle-Aged Cohort. Circulation, 2015, 131, 2104-2113.	1.6	352
12	Effect of Early Metoprolol on Infarct Size in ST-Segmentâ€“Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention. Circulation, 2013, 128, 1495-1503.	1.6	321
13	Practical guidelines for rigor and reproducibility in preclinical and clinical studies on cardioprotection. Basic Research in Cardiology, 2018, 113, 39.	2.5	311
14	Mutations in the NOTCH pathway regulator MIB1 cause left ventricular noncompaction cardiomyopathy. Nature Medicine, 2013, 19, 193-201.	15.2	296
15	T cells with dysfunctional mitochondria induce multimorbidity and premature senescence. Science, 2020, 368, 1371-1376.	6.0	286
16	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
17	A Neutrophil Timer Coordinates Immune Defense and Vascular Protection. Immunity, 2019, 50, 390-402.e10.	6.6	258
18	Ischaemic conditioning and targeting reperfusion injury: a 30Âyear voyage of discovery. Basic Research in Cardiology, 2016, 111, 70.	2.5	257

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19	Normal LDL-Cholesterol Levels Are Associated With Subclinical Atherosclerosis in the Absence of RiskÂFactors. Journal of the American College of Cardiology, 2017, 70, 2979-2991.	1.2	240
20	Cardiac MRI Endpoints in MyocardialÂInfarction Experimental andÂClinicalÂTrials. Journal of the American College of Cardiology, 2019, 74, 238-256.	1.2	235
21	Effect of remote ischaemic conditioning on clinical outcomes in patients with acute myocardial infarction (CONDI-2/ERIC-PPCI): a single-blind randomised controlled trial. Lancet, The, 2019, 394, 1415-1424.	6.3	223
22	Targeting reperfusion injury in patients with ST-segment elevation myocardial infarction: trials and tribulations. European Heart Journal, 2017, 38, ehw145.	1.0	220
23	2017 ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. Revista Espanola De Cardiologia (English Ed), 2017, 70, 1082.	0.4	189
24	Myocardial Edema After Ischemia/Reperfusion Is Not Stable andÂFollowsÂaÂBimodal Pattern. Journal of the American College of Cardiology, 2015, 65, 315-323.	1.2	185
25	Circadian variations of infarct size in acute myocardial infarction. Heart, 2011, 97, 970-976.	1.2	175
26	Serial Magnetic Resonance Imaging toÂIdentify Early Stages of Anthracycline-Induced Cardiotoxicity. Journal of the American College of Cardiology, 2019, 73, 779-791.	1.2	174
27	Femoral and Carotid Subclinical Atherosclerosis Association With RiskÂFactors and Coronary Calcium. Journal of the American College of Cardiology, 2016, 67, 1263-1274.	1.2	172
28	Long-Term Benefit of Early Pre-Reperfusion Metoprolol Administration in Patients With Acute Myocardial Infarction. Journal of the American College of Cardiology, 2014, 63, 2356-2362.	1.2	162
29	Resident human cardiac stem cells: role in cardiac cellular homeostasis and potential for myocardial regeneration. Nature Clinical Practice Cardiovascular Medicine, 2006, 3, S8-S13.	3.3	150
30	Neutrophil stunning by metoprolol reduces infarct size. Nature Communications, 2017, 8, 14780.	5.8	148
31	Association of Sleep Duration and Quality With Subclinical Atherosclerosis. Journal of the American College of Cardiology, 2019, 73, 134-144.	1.2	145
32	Early Intravenous Beta-Blockers in PatientsÂWith ST-Segment Elevation Myocardial Infarction Before Primary Percutaneous Coronary Intervention. Journal of the American College of Cardiology, 2016, 67, 2705-2715.	1.2	144
33	Early Metoprolol Administration Before Coronary Reperfusion Results in Increased Myocardial Salvage. Circulation, 2007, 115, 2909-2916.	1.6	142
34	Induction of Sustained Hypercholesterolemia by Single Adeno-Associated Virusâ€“Mediated Gene Transfer of Mutant hPCSK9. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 50-59.	1.1	141
35	Optimized Treatment of ST-Elevation Myocardial Infarction. Circulation Research, 2019, 125, 245-258.	2.0	140
36	Disturbed Coronary Hemodynamics in Vessels With Intermediate Stenoses Evaluated With Fractional Flow Reserve. Circulation, 2013, 128, 2557-2566.	1.6	137

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37	Pathophysiology Underlying the BimodalÂEdema Phenomenon After Myocardial Ischemia/Reperfusion. Journal of the American College of Cardiology, 2015, 66, 816-828.	1.2	123
38	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
39	Prevalence and Prognostic SignificanceÂof Malnutrition in Patients With AcuteÂCoronary Syndrome. Journal of the American College of Cardiology, 2020, 76, 828-840.	1.2	114
40	A Novel Circulating Noncoding Small RNA for the Detection of Acute Myocarditis. New England Journal of Medicine, 2021, 384, 2014-2027.	13.9	112
41	Vascular Inflammation in Subclinical Atherosclerosis Detected by Hybrid PET/MRI. Journal of the American College of Cardiology, 2019, 73, 1371-1382.	1.2	111
42	ESC guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 2â€"care pathways, treatment, and follow-up. European Heart Journal, 2022, 43, 1059-1103.	1.0	111
43	Dynamic Edematous Response of the Human Heart to Myocardial Infarction. Circulation, 2017, 136, 1288-1300.	1.6	107
44	Exercise Triggers ARVC Phenotype in Mice Expressing a Disease-Causing Mutated Version of Human Plakophilin-2. Journal of the American College of Cardiology, 2015, 65, 1438-1450.	1.2	104
45	Therapeutic Efficacy of AAV1.SERCA2a in Monocrotaline-Induced Pulmonary Arterial Hypertension. Circulation, 2013, 128, 512-523.	1.6	97
46	Recombinant HDLMilano exerts greater anti-inflammatory and plaque stabilizing properties than HDLwild-type. Atherosclerosis, 2012, 220, 72-77.	0.4	95
47	Subclinical Atherosclerosis Burden by 3DÂUltrasound in Mid-Life. Journal of the American College of Cardiology, 2017, 70, 301-313.	1.2	94
48	Transition of Macrophages to Fibroblast-Like Cells in HealingÂMyocardial Infarction. Journal of the American College of Cardiology, 2019, 74, 3124-3135.	1.2	92
49	The Importance of Breakfast in Atherosclerosis Disease. Journal of the American College of Cardiology, 2017, 70, 1833-1842.	1.2	90
50	A Novel Systems-Biology Algorithm for the Analysis of Coordinated Protein Responses Using Quantitative Proteomics. Molecular and Cellular Proteomics, 2016, 15, 1740-1760.	2.5	86
51	Early intravenous beta-blockers in patients with acute coronary syndromeâ€"A meta-analysis of randomized trials. International Journal of Cardiology, 2013, 168, 915-921.	0.8	84
52	Impact of the Timing of Metoprolol Administration During STEMI on InfarctÂSize and Ventricular Function. Journal of the American College of Cardiology, 2016, 67, 2093-2104.	1.2	84
53	The Progression and Early detection of Subclinical Atherosclerosis (PESA) study: Rationale and design. American Heart Journal, 2013, 166, 990-998.	1.2	82
54	Characterization of right ventricular remodeling and failure in a chronic pulmonary hypertension model. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H1204-H1215.	1.5	82

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55	Triglycerides and Residual Atherosclerotic Risk. Journal of the American College of Cardiology, 2021, 77, 3031-3041.	1.2	82
56	European Society of Cardiology guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 1â€"epidemiology, pathophysiology, and diagnosis. European Heart Journal, 2022, 43, 1033-1058.	1.0	80
57	Clinical implications of clopidogrel resistance. Thrombosis and Haemostasis, 2008, 100, 196-203.	1.8	79
58	Losartan Versus Atenolol for PreventionÂof Aortic Dilation in PatientsÂWith Marfan Syndrome. Journal of the American College of Cardiology, 2018, 72, 1613-1618.	1.2	79
59	The Obstacle Course of Reperfusion for ST-Segmentâ€"Elevation Myocardial Infarction in the COVID-19 Pandemic. Circulation, 2020, 141, 1951-1953.	1.6	73
60	Association of Myocardial T1-Mapping CMR With Hemodynamics and RV Performance in Pulmonary Hypertension. JACC: Cardiovascular Imaging, 2015, 8, 76-82.	2.3	71
61	Aragon workersâ€™ health study â€" design and cohort description. BMC Cardiovascular Disorders, 2012, 12, 45.	0.7	70
62	Fast T2 gradient-spin-echo (T2-GraSE) mapping for myocardial edema quantification: first in vivo validation in a porcine model of ischemia/reperfusion. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 92.	1.6	68
63	Impact of COVID-19 on ST-segment elevation myocardial infarction care. The Spanish experience. Revista Espanola De Cardiologia (English Ed), 2020, 73, 994-1002.	0.4	65
64	Î²3 adrenergic receptor selective stimulation during ischemia/reperfusion improves cardiac function in translational models through inhibition of mPTP opening in cardiomyocytes. Basic Research in Cardiology, 2014, 109, 422.	2.5	63
65	Takotsubo Syndrome: A Bayesian Approach to Interpreting Its Pathogenesis. Mayo Clinic Proceedings, 2006, 81, 732-735.	1.4	62
66	Intratracheal Gene Delivery of SERCA2a Ameliorates Chronic Post-Capillary Pulmonary Hypertension. Journal of the American College of Cardiology, 2016, 67, 2032-2046.	1.2	62
67	Effect of Ischemia Duration and Protective Interventions on the Temporal Dynamics of Tissue Composition After Myocardial Infarction. Circulation Research, 2017, 121, 439-450.	2.0	62
68	Long-Term Dabigatran Treatment Delays Alzheimerâ€™s Disease Pathogenesis in the TgCRND8ÂMouse Model. Journal of the American College of Cardiology, 2019, 74, 1910-1923.	1.2	61
69	In-hospital outcomes of COVID-19 ST-elevation myocardial infarction patients. EuroIntervention, 2021, 16, 1426-1433.	1.4	61
70	Metoprolol exerts a non-class effect against ischaemiaâ€"reperfusion injury by abrogating exacerbated inflammation. European Heart Journal, 2020, 41, 4425-4440.	1.0	59
71	Decreased salivary lactoferrin levels are specific to Alzheimer's disease. EBioMedicine, 2020, 57, 102834.	2.7	59
72	Ramipril in High-Risk Patients WithÂCOVID-19. Journal of the American College of Cardiology, 2020, 76, 268-276.	1.2	59

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73	Recombinant apolipoprotein A-I Milano rapidly reverses aortic valve stenosis and decreases leaflet inflammation in an experimental rabbit model. European Heart Journal, 2010, 31, 2049-2057.	1.0	56
74	Lipidomic profiling identifies signatures of metabolic risk. EBioMedicine, 2020, 51, 102520.	2.7	56
75	Progression of Early Subclinical Atherosclerosis (PESA) Study. Journal of the American College of Cardiology, 2021, 78, 156-179.	1.2	56
76	Genesis and Dynamics of Atherosclerotic Lesions: Implications for Early Detection. Cerebrovascular Diseases, 2009, 27, 38-47.	0.8	55
77	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
78	Predicting Subclinical Atherosclerosis in Low-RiskÂIndividuals. Journal of the American College of Cardiology, 2017, 70, 2463-2473.	1.2	55
79	Short-Term Progression of Multiterritorial Subclinical Atherosclerosis. Journal of the American College of Cardiology, 2020, 75, 1617-1627.	1.2	55
80	Diagnosis of Atherosclerosis by Imaging. American Journal of Medicine, 2009, 122, S15-S25.	0.6	54
81	A clinical method for mapping and quantifying blood stasis in the left ventricle. Journal of Biomechanics, 2016, 49, 2152-2161.	0.9	54
82	2020 Update of the quality indicators for acute myocardial infarction: a position paper of the Association for Acute Cardiovascular Care: the study group for quality indicators from the ACVC and the NSTE-ACS guideline group. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 224-233.	0.4	54
83	Leukocyte-Expressed Î² ₂ -Adrenergic Receptors Are Essential for Survival After Acute Myocardial Injury. Circulation, 2016, 134, 153-167.	1.6	53
84	The Interleukin-1 Axis and Risk of Death inÂPatients With Acutely DecompensatedÂHeart Failure. Journal of the American College of Cardiology, 2019, 73, 1016-1025.	1.2	52
85	Glycated Hemoglobin and SubclinicalÂAtherosclerosis in People Without Diabetes. Journal of the American College of Cardiology, 2021, 77, 2777-2791.	1.2	49
86	Upâ€regulation of reverse cholesterol transport key players and rescue from global inflammation by ApoAâ€I_{Milano}. Journal of Cellular and Molecular Medicine, 2009, 13, 3226-3235.	1.6	46
87	Oxidized LDL Is Associated With Metabolic Syndrome Traits Independently of Central Obesity and Insulin Resistance. Diabetes, 2017, 66, 474-482.	0.3	46
88	Metoprolol in Critically Ill Patients WithÂCOVID-19. Journal of the American College of Cardiology, 2021, 78, 1001-1011.	1.2	46
89	Metabolomics Reveals Metabolite Changes in Acute Pulmonary Embolism. Journal of Proteome Research, 2014, 13, 805-816.	1.8	45
90	Contrast-Enhanced Ultrasound Imaging Detects Intraplaque Neovascularization in an Experimental Model of Atherosclerosis. JACC: Cardiovascular Imaging, 2010, 3, 1256-1264.	2.3	44

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91	Machine Learning Improves Cardiovascular Risk Definition for Young,ÂAsymptomatic Individuals. Journal of the American College of Cardiology, 2020, 76, 1674-1685.	1.2	44
92	Intracoronary Administration of Allogeneic Adipose Tissueâ€“Derived Mesenchymal Stem Cells Improves Myocardial Perfusion But Not Left Ventricle Function, in a Translational Model of Acute Myocardial Infarction. Journal of the American Heart Association, 2017, 6, .	1.6	43
93	Generation and characterization of a novel knockin minipig model of Hutchinson-Gilford progeria syndrome. Cell Discovery, 2019, 5, 16.	3.1	43
94	The microRNA-29/PGC1Î± regulatory axis is critical for metabolic control of cardiac function. PLoS Biology, 2018, 16, e2006247.	2.6	42
95	Editorâ€™s Choice- Pathophysiology and therapy of myocardial ischaemia/reperfusion syndrome. European Heart Journal: Acute Cardiovascular Care, 2019, 8, 443-456.	0.4	42
96	HDL-cholesterol: Is it really good?. Biochemical Pharmacology, 2008, 76, 443-452.	2.0	41
97	Animal Models of Atherosclerosis. Progress in Molecular Biology and Translational Science, 2012, 105, 1-23.	0.9	40
98	Myocardial injury determination improves risk stratification and predicts mortality in COVID-19 patients. Cardiology Journal, 2020, 27, 489-496.	0.5	39
99	Study design for the â€œeffect of METOprolol in CARDioproteCtioN during an acute myocardial InfarCtionâ€•(METOCARD-CNIC): A randomized, controlled parallel-group, observer-blinded clinical trial of early pre-reperfusion metoprolol administration in ST-segment elevation myocardial infarction. American Heart Journal, 2012, 164, 473-480.e5.	1.2	38
100	Transplantation of Allogeneic Pericytes Improves Myocardial Vascularization and Reduces Interstitial Fibrosis in a Swine Model of Reperfused Acute Myocardial Infarction. Journal of the American Heart Association, 2018, 7, .	1.6	38
101	In vivo ratiometric optical mapping enables high-resolution cardiac electrophysiology in pig models. Cardiovascular Research, 2019, 115, 1659-1671.	1.8	38
102	Noninvasive Monitoring of Serial Changes in Pulmonary Vascular Resistance and Acute Vasodilator Testing Using Cardiac Magnetic Resonance. Journal of the American College of Cardiology, 2013, 62, 1621-1631.	1.2	37
103	Proteomic footprint of myocardial ischemia/reperfusion injury: Longitudinal study of the at-risk and remote regions in the pig model. Scientific Reports, 2017, 7, 12343.	1.6	37
104	Î² 1 -Blockade Prevents Post-Ischemic Myocardial Decompensation Via Î² 3 AR-Dependent Protective Sphingosine-1 Phosphate Signaling. Journal of the American College of Cardiology, 2017, 70, 182-192.	1.2	37
105	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. European Heart Journal, 2012, 33, 264-273.	1.0	36
106	Beta-3 adrenergic agonists reduce pulmonary vascular resistance and improve right ventricular performance in a porcine model of chronic pulmonary hypertension. Basic Research in Cardiology, 2016, 111, 49.	2.5	36
107	Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease. Circulation, 2019, 139, 243-255.	1.6	36
108	Remote ischaemic preconditioning ameliorates anthracycline-induced cardiotoxicity and preserves mitochondrial integrity. Cardiovascular Research, 2021, 117, 1132-1143.	1.8	35

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109	Swine Model of Chronic Postcapillary Pulmonary Hypertension with Right Ventricular Remodeling: Long-Term Characterization by Cardiac Catheterization, Magnetic Resonance, and Pathology. Journal of Cardiovascular Translational Research, 2014, 7, 494-506.	1.1	34
110	Association Between Left Ventricular Noncompaction and Vigorous Physical Activity. Journal of the American College of Cardiology, 2020, 76, 1723-1733.	1.2	34
111	Bone marrow activation in response to metabolic syndrome and early atherosclerosis. European Heart Journal, 2022, 43, 1809-1828.	1.0	34
112	Low Coronary Microcirculatory Resistance Associated With Profound Hypotension During Intravenous Adenosine Infusion. Circulation: Cardiovascular Interventions, 2014, 7, 35-42.	1.4	33
113	Influence of the amount of myocardium subtended to a coronary stenosis on the index of microcirculatory resistance. Implications for the invasive assessment of microcirculatory function in ischaemic heart disease. EuroIntervention, 2017, 13, 944-952.	1.4	33
114	Metoprolol blunts the time-dependent progression of infarct size. Basic Research in Cardiology, 2020, 115, 55.	2.5	32
115	Complement C5 Protein as a Marker of Subclinical Atherosclerosis. Journal of the American College of Cardiology, 2020, 75, 1926-1941.	1.2	32
116	Coronary microcirculation damage in anthracycline cardiotoxicity. Cardiovascular Research, 2022, 118, 531-541.	1.8	32
117	ESC guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 2â€"care pathways, treatment, and follow-up. Cardiovascular Research, 2022, 118, 1618-1666.	1.8	32
118	Utility of in-hospital cardiac remote telemetry in patients with unexplained syncope. Europace, 2007, 9, 1196-1201.	0.7	31
119	Lethal myocardial reperfusion injury: A necessary evil?. International Journal of Cardiology, 2011, 151, 3-11.	0.8	30
120	Bloodless reperfusion with the oxygen carrier HBOC-201 in acute myocardial infarction: a novel platform for cardioprotective probes delivery. Basic Research in Cardiology, 2017, 112, 17.	2.5	30
121	CANTOS. Circulation Research, 2017, 121, 1320-1322.	2.0	30
122	Atrial Infarction and Ischemic Mitral Regurgitation Contribute to Post-MI Remodeling of the Left Atrium. Journal of the American College of Cardiology, 2017, 70, 2878-2889.	1.2	30
123	Effects of Fibrosis Morphology on Reentrant Ventricular Tachycardia Inducibility and Simulation Fidelity in Patient-Derived Models. Clinical Medicine Insights: Cardiology, 2014, 8s1, CMC.S15712.	0.6	29
124	Rationale and design of the school-based SI! Program to face obesity and promote health among Spanish adolescents: A cluster-randomized controlled trial. American Heart Journal, 2019, 215, 27-40.	1.2	29
125	Safety of lone thrombus aspiration without concomitant coronary stenting in selected patients with acute myocardial infarction. EuroIntervention, 2013, 8, 1149-1156.	1.4	29
126	Optimization of dual-saturation single bolus acquisition for quantitative cardiac perfusion and myocardial blood flow maps. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 21.	1.6	28

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127	European Society of Cardiology guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 1â€"epidemiology, pathophysiology, and diagnosis. Cardiovascular Research, 2022, 118, 1385-1412.	1.8	27
128	Predictors of Intramyocardial Hemorrhage After Reperfused STâ€Segment Elevation Myocardial Infarction. Journal of the American Heart Association, 2017, 6, .	1.6	26
129	A new oral antiplatelet agent with potent antithrombotic properties: Comparison of DZ-697b with clopidogrel in a randomised phase I study. Thrombosis and Haemostasis, 2010, 103, 205-212.	1.8	25
130	Combining Baseline Distal-to-Aortic Pressure Ratio and Fractional Flow Reserve in the Assessment of CoronaryÂStenosis Severity. JACC: Cardiovascular Interventions, 2015, 8, 1681-1691.	1.1	25
131	Integrating the results of the CULPRIT-SHOCK trial in the 2017 ESC ST-elevation myocardial infarction guidelines: viewpoint of the task force. European Heart Journal, 2018, 39, 4239-4242.	1.0	25
132	Effect of COMBinAtion therapy with remote ischemic conditioning and exenatide on the Myocardial Infarct size: a two-by-two factorial randomized trial (COMBAT-MI). Basic Research in Cardiology, 2021, 116, 4.	2.5	25
133	Goat Milk Exosomes As Natural Nanoparticles for Detecting Inflammatory Processes By Optical Imaging. Small, 2022, 18, e2105421.	5.2	25
134	Carvedilol administration in acute myocardial infarction results in stronger inhibition of early markers of left ventricular remodeling than metoprolol. International Journal of Cardiology, 2011, 153, 256-261.	0.8	24
135	Induction of the calcineurin variant CnAÎ²1 after myocardial infarction reduces post-infarction ventricular remodelling by promoting infarct vascularization. Cardiovascular Research, 2014, 102, 396-406.	1.8	24
136	Association Between a Social-BusinessÂEating Pattern and EarlyÂAsymptomatic Atherosclerosis. Journal of the American College of Cardiology, 2016, 68, 805-814.	1.2	24
137	Clinical Effectiveness of the Cardiovascular Polypill in a Real-Life Setting in Patients with Cardiovascular Risk: The SORS Study. Archives of Medical Research, 2019, 50, 31-40.	1.5	24
138	Subclinical Atherosclerosis and Brain Metabolism in Middle-Aged Individuals. Journal of the American College of Cardiology, 2021, 77, 888-898.	1.2	24
139	Imaging Subclinical Atherosclerosis: Is It Ready for Prime Time? A Review. Journal of Cardiovascular Translational Research, 2014, 7, 623-634.	1.1	23
140	Transition from postâ€capillary pulmonary hypertension to combined preâ€and postâ€capillary pulmonary hypertension in swine: a key role for endothelin. Journal of Physiology, 2019, 597, 1157-1173.	1.3	23
141	Unbiased plasma proteomics discovery of biomarkers for improved detection of subclinical atherosclerosis. EBioMedicine, 2022, 76, 103874.	2.7	23
142	QRS distortion in pre-reperfusion electrocardiogram is a bedside predictor of large myocardium at risk and infarct size (a METOCARD-CNIC trial substudy). International Journal of Cardiology, 2016, 202, 666-673.	0.8	22
143	A 30-month worksite-based lifestyle program to promote cardiovascular health in middle-aged bank employees: Design of the TANSNIP-PESA randomized controlled trial. American Heart Journal, 2017, 184, 121-132.	1.2	22
144	Impact of malnutrition in the embolicâ€"haemorrhagic trade-off of elderly patients with atrial fibrillation. Europace, 2020, 22, 878-887.	0.7	22

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145	Prevalence of transthyretin amyloidosis in patients with heart failure and no left ventricular hypertrophy. ESC Heart Failure, 2021, 8, 2856-2865.	1.4	22
146	Clinical benefit of drugs targeting mitochondrial function as an adjunct to reperfusion in ST-segment elevation myocardial infarction: A meta-analysis of randomized clinical trials. International Journal of Cardiology, 2017, 244, 59-66.	0.8	21
147	Effect of Coronavirus Disease 2019 in Pulmonary Circulation. The Particular Scenario of Precapillary Pulmonary Hypertension. Diagnostics, 2020, 10, 548.	1.3	21
148	Design and rationale of the Danish trial of beta-blocker treatment after myocardial infarction without reduced ejection fraction: study protocol for a randomized controlled trial. Trials, 2020, 21, 415.	0.7	21
149	Pharmacology of thienopyridines: rationale for dual pathway inhibition. Country Review Ukraine, 2006, 8, G3-G9.	0.8	20
150	Selective estrogen receptor modulation influences atherosclerotic plaque composition in a rabbit menopause model. Atherosclerosis, 2008, 201, 76-84.	0.4	20
151	Papel de los bloqueadores beta en la enfermedad cardiovascular en 2019. Revista Espanola De Cardiologia, 2019, 72, 844-852.	0.6	20
152	The pharmaceutical solvent N-methyl-2-pyrollidone (NMP) attenuates inflammation through KrÃ¼ppel-like factor 2 activation to reduce atherogenesis. Scientific Reports, 2020, 10, 11636.	1.6	20
153	Quantification of serial changes in plaque burden using multi-detector computed tomography in experimental atherosclerosis. Atherosclerosis, 2009, 202, 185-191.	0.4	19
154	Lung ultrasound as a translational approach for non-invasive assessment of heart failure with reduced or preserved ejection fraction in mice. Cardiovascular Research, 2017, 113, 1113-1123.	1.8	19
155	Early intravenous beta-blockers in patients undergoing primary percutaneous coronary intervention for ST-segment elevation myocardial infarction: A patient-pooled meta-analysis of randomized clinical trials. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 469-477.	0.4	19
156	Left ventricular functional recovery of infarcted and remote myocardium after ST-segment elevation myocardial infarction (METOCARD-CNIC randomized clinical trial substudy). Journal of Cardiovascular Magnetic Resonance, 2020, 22, 44.	1.6	19
157	Effects of Colchicine on Atherosclerotic Plaque Stabilization: a Multimodality Imaging Study in an Animal Model. Journal of Cardiovascular Translational Research, 2021, 14, 150-160.	1.1	19
158	Rationale and design of the pragmatic clinical trial tREatment with Beta-blockers after myOcardial infarction withOut reduced ejection fracTion (REBOOT). European Heart Journal - Cardiovascular Pharmacotherapy, 2022, 8, 291-301.	1.4	19
159	Incremento de las HDL como arma terapÃ©utica en la aterotrombosis. Revista Espanola De Cardiologia, 2010, 63, 323-333.	0.6	18
160	Tako-tsubo Syndrome and Heart Failure: Long-term Follow-up. Revista Espanola De Cardiologia (English Ed), 2012, 65, 996-1002.	0.4	18
161	Acute ApoA-I Milano administration induces plaque regression and stabilisation in the long term. Thrombosis and Haemostasis, 2012, 108, 1246-1248.	1.8	18
162	Role of Beta-blockers in Cardiovascular Disease in 2019. Revista Espanola De Cardiologia (English Ed), 2019, 72, 844-852.	0.4	18

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163	Association Between Body Size Phenotypes and Subclinical Atherosclerosis. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 3734-3744.	1.8	18
164	Translational large animal model of hibernating myocardium: characterization by serial multimodal imaging. Basic Research in Cardiology, 2020, 115, 33.	2.5	18
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