

# Hector M Garcia-Garcia

## List of Publications by Citations

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537  
papers

20,959  
citations

76  
h-index

127  
g-index

646  
ext. papers

24,530  
ext. citations

4.5  
avg, IF

6.31  
L-index

#	Paper	IF	Citations
537	Consensus standards for acquisition, measurement, and reporting of intravascular optical coherence tomography studies: a report from the International Working Group for Intravascular Optical Coherence Tomography Standardization and Validation. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 1058-72	15.1	1216
536	A bioabsorbable everolimus-eluting coronary stent system (ABSORB): 2-year outcomes and results from multiple imaging methods. <i>Lancet, The</i> , <b>2009</b> , 373, 897-910	4.0	642
535	A bioabsorbable everolimus-eluting coronary stent system for patients with single de-novo coronary artery lesions (ABSORB): a prospective open-label trial. <i>Lancet, The</i> , <b>2008</b> , 371, 899-907	4.0	552
534	Anatomical and clinical characteristics to guide decision making between coronary artery bypass surgery and percutaneous coronary intervention for individual patients: development and validation of SYNTAX score II. <i>Lancet, The</i> , <b>2013</b> , 381, 639-50	4.0	507
533	A bioresorbable everolimus-eluting scaffold versus a metallic everolimus-eluting stent for ischaemic heart disease caused by de-novo native coronary artery lesions (ABSORB II): an interim 1-year analysis of clinical and procedural secondary outcomes from a randomised controlled trial. <i>Lancet, The</i> , <b>2015</b> , 385, 43-54	4.0	437
532	Effects of the direct lipoprotein-associated phospholipase A(2) inhibitor darapladib on human coronary atherosclerotic plaque. <i>Circulation</i> , <b>2008</b> , 118, 1172-82	16.7	432
531	In vivo intravascular ultrasound-derived thin-cap fibroatheroma detection using ultrasound radiofrequency data analysis. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 2038-42	15.1	329
530	Evaluation of the second generation of a bioresorbable everolimus-eluting vascular scaffold for the treatment of de novo coronary artery stenosis: 12-month clinical and imaging outcomes. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 58, 1578-88	15.1	304
529	Evaluation of the second generation of a bioresorbable everolimus drug-eluting vascular scaffold for treatment of de novo coronary artery stenosis: six-month clinical and imaging outcomes. <i>Circulation</i> , <b>2010</b> , 122, 2301-12	16.7	268
528	Optical coherence tomography patterns of stent restenosis. <i>American Heart Journal</i> , <b>2009</b> , 158, 284-93	4.9	258
527	Intracoronary optical coherence tomography and histology at 1 month and 2, 3, and 4 years after implantation of everolimus-eluting bioresorbable vascular scaffolds in a porcine coronary artery model: an attempt to decipher the human optical coherence tomography images in the ABSORB trial. <i>Circulation</i> , <b>2010</b> , 122, 2288-300	16.7	248
526	From metallic cages to transient bioresorbable scaffolds: change in paradigm of coronary revascularization in the upcoming decade?. <i>European Heart Journal</i> , <b>2012</b> , 33, 16-25b	9.5	235
525	In vivo detection of high-risk coronary plaques by radiofrequency intravascular ultrasound and cardiovascular outcome: results of the ATHEROREMO-IVUS study. <i>European Heart Journal</i> , <b>2014</b> , 35, 639-47	9.5	234
524	Tissue characterisation using intravascular radiofrequency data analysis: recommendations for acquisition, analysis, interpretation and reporting. <i>EuroIntervention</i> , <b>2009</b> , 5, 177-89	3.1	229
523	Safety and performance of the second-generation drug-eluting absorbable metal scaffold in patients with de-novo coronary artery lesions (BIOSOLVE-II): 6 month results of a prospective, multicentre, non-randomised, first-in-man trial. <i>Lancet, The</i> , <b>2016</b> , 387, 31-9	4.0	224
522	Mechanisms of Very Late Drug-Eluting Stent Thrombosis Assessed by Optical Coherence Tomography. <i>Circulation</i> , <b>2016</b> , 133, 650-60	16.7	200
521	The negative impact of incomplete angiographic revascularization on clinical outcomes and its association with total occlusions: the SYNTAX (Synergy Between Percutaneous Coronary Intervention with Taxus and Cardiac Surgery) trial. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 282-94	15.1	199

520	A new tool for the risk stratification of patients with complex coronary artery disease: the Clinical SYNTAX Score. <i>Circulation: Cardiovascular Interventions</i> , <b>2010</b> , 3, 317-26	6	199
519	Feasibility of combined use of intravascular ultrasound radiofrequency data analysis and optical coherence tomography for detecting thin-cap fibroatheroma. <i>European Heart Journal</i> , <b>2008</b> , 29, 1136-46	9.5	196
518	Dynamics of vessel wall changes following the implantation of the absorb everolimus-eluting bioresorbable vascular scaffold: a multi-imaging modality study at 6, 12, 24 and 36 months. <i>EuroIntervention</i> , <b>2014</b> , 9, 1271-84	3.1	184
517	Standardized End Point Definitions for Coronary Intervention Trials: The Academic Research Consortium-2 Consensus Document. <i>Circulation</i> , <b>2018</b> , 137, 2635-2650	16.7	172
516	Effects of cardiac resynchronization therapy on overall mortality and mode of death: a meta-analysis of randomized controlled trials. <i>European Heart Journal</i> , <b>2006</b> , 27, 2682-8	9.5	172
515	Five-year clinical and functional multislice computed tomography angiographic results after coronary implantation of the fully resorbable polymeric everolimus-eluting scaffold in patients with de novo coronary artery disease: the ABSORB cohort A trial. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 11, 1888-1900	5	164
514	First serial assessment at 6 months and 2 years of the second generation of absorb everolimus-eluting bioresorbable vascular scaffold: a multi-imaging modality study. <i>Circulation: Cardiovascular Interventions</i> , <b>2012</b> , 5, 620-32	6	163
513	Distal left main coronary disease is a major predictor of outcome in patients undergoing percutaneous intervention in the drug-eluting stent era: an integrated clinical and angiographic analysis based on the Rapamycin-Eluting Stent Evaluated At Rotterdam Cardiology Hospital (RESOLVE) trial. <i>Circulation: Cardiovascular Interventions</i> , <b>2011</b> , 4, 100-107	15.1	160
512	Everolimus-eluting bioresorbable stent vs. durable polymer everolimus-eluting metallic stent in patients with ST-segment elevation myocardial infarction: results of the randomized ABSORB ST-segment elevation myocardial infarction-TROFI II trial. <i>European Heart Journal</i> , <b>2016</b> , 37, 229-40	9.5	159
511	Ultrathin, bioresorbable polymer sirolimus-eluting stents versus thin, durable polymer everolimus-eluting stents in patients undergoing coronary revascularisation (BIOFLOW V): a randomised trial. <i>Lancet, The</i> , <b>2017</b> , 390, 1843-1852	40	159
510	Imaging of coronary atherosclerosis: intravascular ultrasound. <i>European Heart Journal</i> , <b>2010</b> , 31, 2456-69	9.5	153
509	Incomplete stent apposition causes high shear flow disturbances and delay in neointimal coverage as a function of strut to wall detachment distance: implications for the management of incomplete stent apposition. <i>Circulation: Cardiovascular Interventions</i> , <b>2014</b> , 7, 180-9	6	151
508	Incomplete stent apposition and delayed tissue coverage are more frequent in drug-eluting stents implanted during primary percutaneous coronary intervention for ST-segment elevation myocardial infarction than in drug-eluting stents implanted for stable/unstable angina: insights from optical coherence tomography. <i>JACC: Cardiovascular Interventions</i> , <b>2009</b> , 2, 445-52	5	147
507	Prognostic implications of coronary calcification in patients with obstructive coronary artery disease treated by percutaneous coronary intervention: a patient-level pooled analysis of 7 contemporary stent trials. <i>Heart</i> , <b>2014</b> , 100, 1158-64	5.1	144
506	Comparison of intravascular ultrasound versus angiography-guided drug-eluting stent implantation: a meta-analysis of one randomised trial and ten observational studies involving 19,619 patients. <i>EuroIntervention</i> , <b>2012</b> , 8, 855-65	3.1	136
505	Longest available clinical outcomes after drug-eluting stent implantation for unprotected left main coronary artery disease: the DELFT (Drug Eluting stent for LEFT main) Registry. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 51, 2212-9	15.1	135
504	Prospective Assessment of the Diagnostic Accuracy of Instantaneous Wave-Free Ratio to Assess Coronary Stenosis Relevance: Results of ADVISE II International, Multicenter Study (ADenosine Vasodilator Independent Stenosis Evaluation II). <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 824-833	5	132
503	Identification of patients and plaques vulnerable to future coronary events with near-infrared spectroscopy intravascular ultrasound imaging: a prospective, cohort study. <i>Lancet, The</i> , <b>2019</b> , 394, 1629-37	40	131

502	IVUS-based imaging modalities for tissue characterization: similarities and differences. <i>International Journal of Cardiovascular Imaging</i> , <b>2011</b> , 27, 215-24	2.5	128
501	Transcatheter Aortic Valve Replacement in Low-Risk Patients With Symptomatic Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2095-2105	15.1	127
500	Impact of statin therapy on coronary plaque composition: a systematic review and meta-analysis of virtual histology intravascular ultrasound studies. <i>BMC Medicine</i> , <b>2015</b> , 13, 229	11.4	126
499	Near-infrared spectroscopy predicts cardiovascular outcome in patients with coronary artery disease. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 2510-8	15.1	125
498	Sustained safety and performance of the second-generation drug-eluting absorbable metal scaffold in patients with de novo coronary lesions: 12-month clinical results and angiographic findings of the BIOSOLVE-II first-in-man trial. <i>European Heart Journal</i> , <b>2016</b> , 37, 2701-9	9.5	122
497	Comparison of three-year clinical outcome of sirolimus- and paclitaxel-eluting stents versus bare metal stents in patients with ST-segment elevation myocardial infarction (from the RESEARCH and T-SEARCH Registries). <i>American Journal of Cardiology</i> , <b>2007</b> , 99, 1027-32	3	117
496	Effect of high-intensity statin therapy on atherosclerosis in non-infarct-related coronary arteries (IBIS-4): a serial intravascular ultrasonography study. <i>European Heart Journal</i> , <b>2015</b> , 36, 490-500	9.5	115
495	The risk of stent thrombosis in patients with acute coronary syndromes treated with bare-metal and drug-eluting stents. <i>JACC: Cardiovascular Interventions</i> , <b>2009</b> , 2, 534-41	5	115
494	Endothelial-dependent vasomotion in a coronary segment treated by ABSORB everolimus-eluting bioresorbable vascular scaffold system is related to plaque composition at the time of bioresorption of the polymer: indirect finding of vascular reparative therapy?. <i>European Heart Journal</i> , <b>2012</b> , 33, 1325-33	9.5	114
493	Clinical expert consensus document on standards for acquisition, measurement and reporting of intravascular ultrasound regression/progression studies. <i>EuroIntervention</i> , <b>2011</b> , 6, 1123-30, 9	3.1	114
492	Combined anatomical and clinical factors for the long-term risk stratification of patients undergoing percutaneous coronary intervention: the Logistic Clinical SYNTAX score. <i>European Heart Journal</i> , <b>2012</b> , 33, 3098-104	9.5	113
491	Prediction of 1-year clinical outcomes using the SYNTAX score in patients with acute ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention: a substudy of the STRATEGY (Single High-Dose Bolus Tirofiban and Sirolimus-Eluting Stent Versus Abiraterone and Paclitaxel-Eluting Stent in Acute Myocardial Infarction) and MULTISTEP-STRATEGY (Tirofiban and Sirolimus-Eluting Stent Versus Abiraterone and Paclitaxel-Eluting Stent in Acute Myocardial Infarction) trials. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 2510-8	5	111
490	Stabilisation of atherosclerotic plaques. Position paper of the European Society of Cardiology (ESC) Working Group on atherosclerosis and vascular biology. <i>Thrombosis and Haemostasis</i> , <b>2011</b> , 106, 1-19	7	110
489	SYNTAX score and Clinical SYNTAX score as predictors of very long-term clinical outcomes in patients undergoing percutaneous coronary interventions: a substudy of SIRolimus-eluting stent compared with pacliTAXel-eluting stent for coronary revascularization (SIRTAX) trial. <i>European Heart Journal</i> , <b>2014</b> , 35, 2417-27	9.5	109
488	Tissue coverage of a hydrophilic polymer-coated zotarolimus-eluting stent vs. a fluoropolymer-coated everolimus-eluting stent at 13-month follow-up: an optical coherence tomography substudy from the RESOLUTE All Comers trial. <i>European Heart Journal</i> , <b>2011</b> , 32, 2454-63	9.5	107
487	ABSORB II randomized controlled trial: a clinical evaluation to compare the safety, efficacy, and performance of the Absorb everolimus-eluting bioresorbable vascular scaffold system against the XIENCE everolimus-eluting coronary stent system in the treatment of subjects with ischemic heart disease. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 2510-8	4.9	105
486	Fast virtual functional assessment of intermediate coronary lesions using routine angiographic data and blood flow simulation in humans: comparison with pressure wire - fractional flow reserve. <i>EuroIntervention</i> , <b>2014</b> , 10, 574-83	3.1	102
485	Natural history of coronary atherosclerosis by multislice computed tomography. <i>JACC: Cardiovascular Imaging</i> , <b>2012</b> , 5, S28-37	8.4	98

484	Incidence and imaging outcomes of acute scaffold disruption and late structural discontinuity after implantation of the absorb Everolimus-Eluting fully bioresorbable vascular scaffold: optical coherence tomography assessment in the ABSORB cohort B Trial (A Clinical Evaluation of the Bioabsorbable Everolimus Eluting Coronary Stent System in the Treatment of Patients With De	5	97
483	In vivo assessment of high-risk coronary plaques at bifurcations with combined intravascular ultrasound and optical coherence tomography. <i>JACC: Cardiovascular Imaging</i> , <b>2009</b> , 2, 473-82	8.4	97
482	PCSK9 in relation to coronary plaque inflammation: Results of the ATHEROREMO-IVUS study. <i>Atherosclerosis</i> , <b>2016</b> , 248, 117-22	3.1	96
481	Circumferential evaluation of the neointima by optical coherence tomography after ABSORB bioresorbable vascular scaffold implantation: can the scaffold cap the plaque?. <i>Atherosclerosis</i> , <b>2012</b> , 221, 106-12	3.1	96
480	Comparison of in vivo acute stent recoil between the bioresorbable everolimus-eluting coronary scaffolds (revision 1.0 and 1.1) and the metallic everolimus-eluting stent. <i>Catheterization and Cardiovascular Interventions</i> , <b>2011</b> , 78, 3-12	2.7	94
479	Effect of the endothelial shear stress patterns on neointimal proliferation following drug-eluting bioresorbable vascular scaffold implantation: an optical coherence tomography study. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 315-24	5	92
478	Sirolimus-eluting versus paclitaxel-eluting stent implantation for the percutaneous treatment of left main coronary artery disease: a combined RESEARCH and T-SEARCH long-term analysis. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 507-14	15.1	92
477	Standardized End Point Definitions for Coronary Intervention Trials: The Academic Research Consortium-2 Consensus Document. <i>European Heart Journal</i> , <b>2018</b> , 39, 2192-2207	9.5	91
476	Reproducibility of quantitative optical coherence tomography for stent analysis. <i>EuroIntervention</i> , <b>2009</b> , 5, 224-32	3.1	91
475	A randomized trial of a dedicated bifurcation stent versus provisional stenting in the treatment of coronary bifurcation lesions. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 533-43	15.1	89
474	Long-term prognostic effect of coronary atherosclerotic burden: validation of the computed tomography-Leaman score. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8, e002332	3.9	89
473	Randomized study to assess the effect of thrombus aspiration on flow area in patients with ST-elevation myocardial infarction: an optical frequency domain imaging study--TROFI trial. <i>European Heart Journal</i> , <b>2013</b> , 34, 1050-60	9.5	89
472	Plasma concentrations of molecular lipid species in relation to coronary plaque characteristics and cardiovascular outcome: Results of the ATHEROREMO-IVUS study. <i>Atherosclerosis</i> , <b>2015</b> , 243, 560-6	3.1	86
471	Bioresorbable drug-eluting magnesium-alloy scaffold for treatment of coronary artery disease. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 24492-500	6.3	86
470	Long-term ticagrelor monotherapy versus standard dual antiplatelet therapy followed by aspirin monotherapy in patients undergoing biolimus-eluting stent implantation: rationale and design of the GLOBAL LEADERS trial. <i>EuroIntervention</i> , <b>2016</b> , 12, 1239-1245	3.1	86
469	The long-term value of sirolimus- and paclitaxel-eluting stents over bare metal stents in patients with diabetes mellitus. <i>European Heart Journal</i> , <b>2007</b> , 28, 26-32	9.5	85
468	Incidence and short-term clinical outcomes of small side branch occlusion after implantation of an everolimus-eluting bioresorbable vascular scaffold: an interim report of 435 patients in the ABSORB-EXTEND single-arm trial in comparison with an everolimus-eluting metallic stent in the SPIRIT first and II trials. <i>JACC: Cardiovascular Interventions</i> , <b>2013</b> , 6, 247-57	5	84
467	A comparison of the conformability of everolimus-eluting bioresorbable vascular scaffolds to metal platform coronary stents. <i>JACC: Cardiovascular Interventions</i> , <b>2010</b> , 3, 1190-8	5	83



466	3-Dimensional optical coherence tomography assessment of jailed side branches by bioresorbable vascular scaffolds: a proposal for classification. <i>JACC: Cardiovascular Interventions</i> , <b>2010</b> , 3, 836-44	5	81
465	Computed tomography in total coronary occlusions (CTTO registry): radiation exposure and predictors of successful percutaneous intervention. <i>EuroIntervention</i> , <b>2009</b> , 4, 607-16	3.1	81
464	First-in-man evaluation of intravascular optical frequency domain imaging (OFDI) of Terumo: a comparison with intravascular ultrasound and quantitative coronary angiography. <i>EuroIntervention</i> , <b>2011</b> , 6, 1037-45	3.1	81
463	Smoking is associated with adverse clinical outcomes in patients undergoing revascularization with PCI or CABG: the SYNTAX trial at 5-year follow-up. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 1107-15	15.1	80
462	Stabilization of atherosclerotic plaques: an update. <i>European Heart Journal</i> , <b>2013</b> , 34, 3251-8	9.5	77
461	A global risk approach to identify patients with left main or 3-vessel disease who could safely and efficaciously be treated with percutaneous coronary intervention: the SYNTAX Trial at 3 years. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 606-17	5	76
460	Sustained safety and clinical performance of a drug-eluting absorbable metal scaffold up to 24 months: pooled outcomes of BIOSOLVE-II and BIOSOLVE-III. <i>EuroIntervention</i> , <b>2017</b> , 13, 432-439	3.1	76
459	Intracoronary optical coherence tomography and histology of overlapping everolimus-eluting bioresorbable vascular scaffolds in a porcine coronary artery model: the potential implications for clinical practice. <i>JACC: Cardiovascular Interventions</i> , <b>2013</b> , 6, 523-32	5	74
458	Comparación cuantitativa ex vivo e in vivo de las dimensiones del lumen medidas por tomografía de coherencia óptica y ecografía intravascular en arterias coronarias humanas. <i>Revista Espanola De Cardiologia</i> , <b>2009</b> , 62, 615-624	1.5	72
457	Serial analysis of the malapposed and uncovered struts of the new generation of everolimus-eluting bioresorbable scaffold with optical coherence tomography. <i>JACC: Cardiovascular Interventions</i> , <b>2011</b> , 4, 992-1001	5	71
456	Effect of rosiglitazone on progression of coronary atherosclerosis in patients with type 2 diabetes mellitus and coronary artery disease: the assessment on the prevention of progression by rosiglitazone on atherosclerosis in diabetes patients with cardiovascular history trial. <i>Circulation</i> , <b>2010</b> , 121, 1176-87	16.7	71
455	Self-expanding versus balloon-expandable stents in acute myocardial infarction: results from the APPOSITION II study: self-expanding stents in ST-segment elevation myocardial infarction. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 1209-19	5	69
454	Long-term invasive follow-up of the everolimus-eluting bioresorbable vascular scaffold: five-year results of multiple invasive imaging modalities. <i>EuroIntervention</i> , <b>2016</b> , 11, 996-1003	3.1	69
453	NIRS and IVUS for characterization of atherosclerosis in patients undergoing coronary angiography. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 647-55	8.4	65
452	Relation between plaque type and dissections at the edges after stent implantation: an optical coherence tomography study. <i>International Journal of Cardiology</i> , <b>2011</b> , 150, 151-5	3.2	63
451	A patient-level pooled analysis assessing the impact of the SYNTAX (synergy between percutaneous coronary intervention with taxus and cardiac surgery) score on 1-year clinical outcomes in 6,508 patients enrolled in contemporary coronary stent trials. <i>JACC: Cardiovascular Interventions</i> , <b>2011</b> , 4, 645-53	5	63
450	Hybrid intravascular imaging: current applications and prospective potential in the study of coronary atherosclerosis. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 1369-78	15.1	62
449	Near-infrared spectroscopy-derived lipid core burden index predicts adverse cardiovascular outcome in patients with coronary artery disease during long-term follow-up. <i>European Heart Journal</i> , <b>2018</b> , 39, 295-302	9.5	60

448	Clinical and intravascular imaging outcomes at 1 and 2 years after implantation of absorb everolimus eluting bioresorbable vascular scaffolds in small vessels. Late lumen enlargement: does bioresorption matter with small vessel size? Insight from the ABSORB cohort B trial. <i>Heart</i> , <b>2013</b> , 99, 98-105	5.1	60
447	Plaque composition and its relationship with acknowledged shear stress patterns in coronary arteries. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 884-5	15.1	59
446	Clinical and angiographic characteristics of patients likely to have vulnerable plaques: analysis from the PROSPECT study. <i>JACC: Cardiovascular Imaging</i> , <b>2013</b> , 6, 1263-72	8.4	58
445	Distance from the ostium as an independent determinant of coronary plaque composition in vivo: an intravascular ultrasound study based radiofrequency data analysis in humans. <i>European Heart Journal</i> , <b>2006</b> , 27, 655-63	9.5	58
444	Global characterization of coronary plaque rupture phenotype using three-vessel intravascular ultrasound radiofrequency data analysis. <i>European Heart Journal</i> , <b>2006</b> , 27, 1921-7	9.5	58
443	Longitudinal distribution of plaque burden and necrotic core-rich plaques in nonculprit lesions of patients presenting with acute coronary syndromes. <i>JACC: Cardiovascular Imaging</i> , <b>2012</b> , 5, S10-8	8.4	55
442	Intravascular ultrasound-guided drug-eluting stent implantation: An updated meta-analysis of randomized control trials and observational studies. <i>International Journal of Cardiology</i> , <b>2016</b> , 216, 133-9 <sup>3-2</sup>		55
441	A comparative assessment by optical coherence tomography of the performance of the first and second generation of the everolimus-eluting bioresorbable vascular scaffolds. <i>European Heart Journal</i> , <b>2011</b> , 32, 294-304	9.5	54
440	Ultrathin Bioresorbable Polymer Sirolimus-Eluting Stents Versus Thin Durable Polymer Everolimus-Eluting Stents. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 3287-3297	15.1	54
439	Natural history of optical coherence tomography-detected non-flow-limiting edge dissections following drug-eluting stent implantation. <i>EuroIntervention</i> , <b>2014</b> , 9, 1085-94	3.1	53
438	Reproducibility of intravascular ultrasound radiofrequency data analysis: implications for the design of longitudinal studies. <i>International Journal of Cardiovascular Imaging</i> , <b>2006</b> , 22, 621-31	2.5	52
437	Assessment of the absorption process following bioabsorbable everolimus-eluting stent implantation: temporal changes in strain values and tissue composition using intravascular ultrasound radiofrequency data analysis. A substudy of the ABSORB clinical trial. <i>EuroIntervention</i> , <b>2009</b> , 4, 112-8	3.1	52
436	Coronary evaginations are associated with positive vessel remodelling and are nearly absent following implantation of newer-generation drug-eluting stents: an optical coherence tomography and intravascular ultrasound study. <i>European Heart Journal</i> , <b>2014</b> , 35, 795-807	9.5	51
435	Single-vessel versus bifurcation stenting for the treatment of distal left main coronary artery disease in the drug-eluting stenting era. Clinical and angiographic insights into the Rapamycin-Eluting Stent Evaluated at Rotterdam Cardiology Hospital (RESEARCH) and Taxus-Stent Evaluated at Rotterdam Cardiology Hospital (T-SEARCH) registries. <i>American Heart Journal</i> , <b>2006</b> , 152, 111-8	4.9	51
434	Assessing bioresorbable coronary devices: methods and parameters. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 1130-48	8.4	50
433	Predictive Performance of SYNTAX Score II in Patients With Left Main and Multivessel Coronary Artery Disease-analysis of CREDO-Kyoto registry. <i>Circulation Journal</i> , <b>2014</b> , 78, 1942-9	2.9	50
432	Impact of sex on 3-year outcome after percutaneous coronary intervention using bare-metal and drug-eluting stents in previously untreated coronary artery disease: insights from the RESEARCH (Rapamycin-Eluting Stent Evaluated at Rotterdam Cardiology Hospital) and T-SEARCH (Taxus-Stent Evaluated at Rotterdam Cardiology Hospital) Registries. <i>JACC: Cardiovascular Interventions</i> , <b>2009</b> , 2, 603-10	5	50
431	Long-term effect of perindopril on coronary atherosclerosis progression (from the perindopril's prospective effect on coronary atherosclerosis by angiography and intravascular ultrasound evaluation [PERSPECTIVE] study). <i>American Journal of Cardiology</i> , <b>2007</b> , 100, 159-63	3	50

430	Head-to-head comparison of the neointimal response between metallic and bioresorbable everolimus-eluting scaffolds using optical coherence tomography. <i>JACC: Cardiovascular Interventions</i> , <b>2011</b> , 4, 1271-80	5	49
429	The SYNTAX score revisited: a reassessment of the SYNTAX score reproducibility. <i>Catheterization and Cardiovascular Interventions</i> , <b>2010</b> , 75, 946-52	2.7	49
428	Long-term vascular healing in response to sirolimus- and paclitaxel-eluting stents: an optical coherence tomography study. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 946-57	5	48
427	Avances en el tratamiento mediante intervenci3n coronaria percut3nea: el stent del futuro. <i>Revista Espanola De Cardiologia</i> , <b>2013</b> , 66, 483-496	1.5	47
426	"In vivo" imaging of atherosclerosis. <i>Atherosclerosis</i> , <b>2012</b> , 224, 25-36	3.1	47
425	Angiographic maximal luminal diameter and appropriate deployment of the everolimus-eluting bioresorbable vascular scaffold as assessed by optical coherence tomography: an ABSORB cohort B trial sub-study. <i>EuroIntervention</i> , <b>2012</b> , 8, 214-24	3.1	47
424	Reproducibility of computed tomography angiography data analysis using semiautomated plaque quantification software: implications for the design of longitudinal studies. <i>International Journal of Cardiovascular Imaging</i> , <b>2013</b> , 29, 1095-104	2.5	46
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65	Impact of Cangrelor on Coronary Thrombus: Optical Coherence Tomography Assessment. <i>Cardiovascular Revascularization Medicine</i> , <b>2020</b> , 21, 700-701	1.6	0
64	Assessment of left ventricular ejection fraction with late-systolic and mid-diastolic cardiac phases using multi-slice computed tomography. <i>Radiography</i> , <b>2018</b> , 24, e85-e90	2	0
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