Robert-Jan M Van Geuns

List of Publications by Year
in descending order

372 papers	25,203 citations	10986 71 h-index	8167 148 g-index
391 all docs	391 docs citations	391 times ranked	17111 citing authors

#	Article	IF	Citations
1	Optical coherence tomography and coronary revascularization: from indication to procedural optimization. Trends in Cardiovascular Medicine, 2023, 33, 92-106.	4.9	9
2	Five-year outcomes after state-of-the-art percutaneous coronary revascularization in patients with de novo three-vessel disease: final results of the SYNTAX II study. European Heart Journal, 2022, 43, 1307-1316.	2.2	54
3	Single or multiple arterial bypass graft surgery vs. percutaneous coronary intervention in patients with three-vessel or left main coronary artery disease. European Heart Journal, 2022, 43, 1334-1344.	2.2	17
4	Ticagrelor Monotherapy or Dual Antiplatelet Therapy After Drugâ€Eluting Stent Implantation: Perâ€Protocol Analysis of the GLOBAL LEADERS Trial. Journal of the American Heart Association, 2022, 11, e024291.	3.7	4
5	Effect of Alirocumab Added to High-Intensity Statin Therapy on Coronary Atherosclerosis in Patients With Acute Myocardial Infarction. JAMA - Journal of the American Medical Association, 2022, 327, 1771.	7.4	185
6	Near-infrared spectroscopy predicts events in men and women: Results from the Lipid Rich Plaque study. IJC Heart and Vasculature, 2022, 39, 100985.	1.1	0
7	Bioabsorbable polymer drug-eluting stents with 4-month dual antiplatelet therapy versus durable polymer drug-eluting stents with 12-month dual antiplatelet therapy in patients with left main coronary artery disease: the IDEAL-LM randomised trial. EuroIntervention, 2022, 17, 1467-1476.	3.2	8
8	Features of atherosclerosis in patients with angina and no obstructive coronary artery disease. EuroIntervention, 2022, 18, e397-e404.	3.2	4
9	Long-term Effect of Face-to-Face vs Virtual Reality Cardiopulmonary Resuscitation (CPR) Training on Willingness to Perform CPR, Retention of Knowledge, and Dissemination of CPR Awareness. JAMA Network Open, 2022, 5, e2212964.	5.9	6
10	Influence of Bleeding Risk on Outcomes of Radial and Femoral Access for Percutaneous Coronary Intervention: An Analysis From the GLOBAL LEADERS Trial. Canadian Journal of Cardiology, 2021, 37, 122-130.	1.7	4
11	The ultra-thin strut sirolimus-eluting coronary stent: SUPRAFLEX. Future Cardiology, 2021, 17, 227-237.	1.2	5
12	Regional variation in patients and outcomes in the GLOBAL LEADERS trial. International Journal of Cardiology, 2021, 324, 30-37.	1.7	4
13	Ten-year all-cause death following percutaneous or surgical revascularization in patients with prior cerebrovascular disease: insights from the SYNTAX Extended Survival study. Clinical Research in Cardiology, 2021, 110, 1543-1553.	3.3	4
14	Predicting 2â€year allâ€cause mortality after contemporary <scp>PCI</scp>: Updating the logistic clinical <scp>SYNTAX</scp> score. Catheterization and Cardiovascular Interventions, 2021, 98, 1287-1297.	1.7	6
15	Impact of chronic obstructive pulmonary disease on 10-year mortality after percutaneous coronary intervention and bypass surgery for complex coronary artery disease: insights from the SYNTAX Extended Survival study. Clinical Research in Cardiology, 2021, 110, 1083-1095.	3.3	10
16	Aspirin-free antiplatelet regimens after PCI: insights from the GLOBAL LEADERS trial and beyond. European Heart Journal - Cardiovascular Pharmacotherapy, 2021, 7, 547-556.	3.0	3
17	External validation of the GRACE risk score 2.0 in the contemporary allâ€comers GLOBAL LEADERS trial. Catheterization and Cardiovascular Interventions, 2021, 98, E513-E522.	1.7	1
18	Risks and benefits of percutaneous coronary intervention in spontaneous coronary artery dissection. Heart, 2021, 107, 1398-1406.	2.9	35

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19	Agreement Between Invasive Wire-Based and Angiography-Based Vessel Fractional Flow Reserve Assessment on Intermediate Coronary Stenoses. Frontiers in Cardiovascular Medicine, 2021, 8, 707454.	2.4	3
20	Thin-Strut BRS. JACC: Cardiovascular Interventions, 2021, 14, 1463-1465.	2.9	1
21	Identification of anatomic risk factors for acute coronary events by optical coherence tomography in patients with myocardial infarction and residual nonflow limiting lesions: rationale and design of the PECTUS-obs study. BMJ Open, 2021, 11, e048994.	1.9	5
22	Effects of the PCSK9 antibody alirocumab on coronary atherosclerosis in patients with acute myocardial infarction: a serial, multivessel, intravascular ultrasound, near-infrared spectroscopy and optical coherence tomography imaging studyâ€“Rationale and design of the PACMAN-AMI trial. American Heart Journal, 2021, 238, 33-44.	2.7	17
23	Impact of established cardiovascular disease on 10-year death after coronary revascularization for complex coronary artery disease. Clinical Research in Cardiology, 2021, 110, 1680-1691.	3.3	4
24	Ten-year all-cause death after percutaneous or surgical revascularization in diabetic patients with complex coronary artery disease. European Heart Journal, 2021, 43, 56-67.	2.2	23
25	Comparison of Clinically Adjudicated Versus Flow-Based Adjudication of Revascularization Events in Randomized Controlled Trials. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e008055.	2.2	4
26	Optical Coherence Tomography Assessment forÂPercutaneous Coronary Intervention of the LeftÂMainÂArtery. JACC: Cardiovascular Interventions, 2020, 13, 401-402.	2.9	2
27	Intravascular Polarimetry in Patients With Coronary Artery Disease. JACC: Cardiovascular Imaging, 2020, 13, 790-801.	5.3	35
28	Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. Cardiovascular Research, 2020, 116, 787-805.	3.8	119
29	Impact of chronic obstructive pulmonary disease and dyspnoea on clinical outcomes in ticagrelor treated patients undergoing percutaneous coronary intervention in the randomized GLOBAL LEADERS trial. European Heart Journal - Cardiovascular Pharmacotherapy, 2020, 6, 222-230.	3.0	7
30	Effect of Face-to-Face vs Virtual Reality Training on Cardiopulmonary Resuscitation Quality. JAMA Cardiology, 2020, 5, 328.	6.1	66
31	Impact of recruitment and retention on all-cause mortality in a large all-comers randomised controlled trial: insights from the GLOBAL LEADERS trial. Clinical Research in Cardiology, 2020, 109, 918-929.	3.3	3
32	Association between post-percutaneous coronary intervention bivalirudin infusion and net adverse clinical events: a post hoc analysis of the GLOBAL LEADERS study. European Heart Journal - Cardiovascular Pharmacotherapy, 2020, 6, 22-30.	3.0	7
33	Ticagrelor monotherapy in patients with concomitant diabetes mellitus and chronic kidney disease: a post hoc analysis of the GLOBAL LEADERS trial. Cardiovascular Diabetology, 2020, 19, 179.	6.8	14
34	The impact of pre-procedure heart rate on adverse clinical outcomes in patients undergoing percutaneous coronary intervention: Results from a 2-year follow-up of the GLOBAL LEADERS trial. Atherosclerosis, 2020, 303, 1-7.	0.8	1
35	Bioresorbable vascular scaffold versus metallic drug-eluting stent in patients at high risk of restenosis: the COMPARE-ABSORB randomised clinical trial. EuroIntervention, 2020, 16, 645-653.	3.2	12
36	Ascertainment of Silent Myocardial Infarction in Patients Undergoing Percutaneous Coronary Intervention (from the GLOBAL LEADERS Trial). American Journal of Cardiology, 2019, 124, 1833-1840.	1.6	5

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37	Clinical Implication of Quantitative Flow Ratio After Percutaneous Coronary Intervention for 3-Vessel Disease. JACC: Cardiovascular Interventions, 2019, 12, 2064-2075.	2.9	71
38	Can We Keep Our Young Patients Free From Permanent Metallic Implants?. Cardiovascular Revascularization Medicine, 2019, 20, 640-641.	0.8	0
39	Absorb Bioresorbable Scaffold Versus Xience Metallic Stent for Prevention of Restenosis Following Percutaneous Coronary Intervention in Patients at High Risk of Restenosis: Rationale and Design of the COMPARE ABSORB Trial. Cardiovascular Revascularization Medicine, 2019, 20, 577-582.	0.8	7
40	Rationale and design of a prospective substudy of clinical endpoint adjudication processes within an investigator-reported randomised controlled trial in patients with coronary artery disease: the GLOBAL LEADERS Adjudication Sub-StudY (GLASSY). BMJ Open, 2019, 9, e026053.	1.9	18
41	Bioresorbable Scaffolds and Bifurcations. Cardiovascular Revascularization Medicine, 2019, 20, 4.	0.8	1
42	Predictors of long-term adverse events after Absorb bioresorbable vascular scaffold implantation: a 1,933-patient pooled analysis from international registries. EuroIntervention, 2019, 15, 623-630.	3.2	10
43	SYNTAX score in relation to intravascular ultrasound and near-infrared spectroscopy for the assessment of atherosclerotic burden in patients with coronary artery disease. EuroIntervention, 2019, 14, 1408-1415.	3.2	6
44	Association of stentâ€induced changes in coronary geometry with late stent failure: Insights from threeâ€dimensional quantitative coronary angiographic analysis. Catheterization and Cardiovascular Interventions, 2018, 92, 1040-1048.	1.7	6
45	Impact of Coronary Remodeling on Fractional Flow Reserve. Circulation, 2018, 137, 747-749.	1.6	20
46	Multiple common comorbidities produce left ventricular diastolic dysfunction associated with coronary microvascular dysfunction, oxidative stress, and myocardial stiffening. Cardiovascular Research, 2018, 114, 954-964.	3.8	148
47	Coronary Plaque Microstructure and Composition Modify Optical Polarization. JACC: Cardiovascular Imaging, 2018, 11, 1666-1676.	5.3	54
48	Recurrent Late Bioresorbable Scaffold Thrombosis as a Presenting Symptom of Underlying Cancer. Journal of the American College of Cardiology, 2018, 71, 259-260.	2.8	1
49	Repeatability Assessment of Intravascular Polarimetry in Patients. IEEE Transactions on Medical Imaging, 2018, 37, 1618-1625.	8.9	18
50	Occurrence and predictors of acute stent recoilâ€”A comparison between the xience prime cobalt chromium stent and the promus premier platinum chromium stent. Catheterization and Cardiovascular Interventions, 2018, 91, E21-E28.	1.7	8
51	Near-infrared spectroscopy-derived lipid core burden index predicts adverse cardiovascular outcome in patients with coronary artery disease during long-term follow-up. European Heart Journal, 2018, 39, 295-302.	2.2	96
52	Development and validation of a risk model for longâ€term mortality after percutaneous coronary intervention: The IDEAâ€BIO Study. Catheterization and Cardiovascular Interventions, 2018, 91, 686-695.	1.7	3
53	Right ventricular involvement and the extent of left ventricular enhancement with magnetic resonance predict adverse outcome in pulmonary sarcoidosis. ESC Heart Failure, 2018, 5, 157-171.	3.1	46
54	TCT-112 Patient-oriented clinical outcomes and net adverse cardiovascular event in the Global Leaders trial. Journal of the American College of Cardiology, 2018, 72, B49.	2.8	0

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55	Prognostic Value of IntravascularÂUltrasound in PatientsÂWithÂCoronary Artery Disease. Journal of the American College of Cardiology, 2018, 72, 2003-2011.	2.8	38
56	Associations of 26 Circulating Inflammatory and Renal Biomarkers with Near-Infrared Spectroscopy and Long-term Cardiovascular Outcome in Patients Undergoing Coronary Angiography (ATHEROREMO-NIRS Substudy). Current Atherosclerosis Reports, 2018, 20, 52.	4.8	9
57	IgM anti-malondialdehyde low density lipoprotein antibody levels indicate coronary heart disease and necrotic core characteristics in the Nordic Diltiazem (NORDIL) study and the Integrated Imaging and Biomarker Study 3 (IBIS-3). EBioMedicine, 2018, 36, 63-72.	6.1	22
58	Plasma concentrations of molecular lipid species predict long-term clinical outcome in coronary artery disease patients. Journal of Lipid Research, 2018, 59, 1729-1737.	4.2	105
59	SYNTAX score II predicts long-term mortality in patients with one- or two-vessel disease. PLoS ONE, 2018, 13, e0200076.	2.5	9
60	Mid-term outcomes of the Absorb BVS versus second-generation DES: A systematic review and meta-analysis. PLoS ONE, 2018, 13, e0197119.	2.5	13
61	Ticagrelor plus aspirin for 1 month, followed by ticagrelor monotherapy for 23 months vs aspirin plus clopidogrel or ticagrelor for 12 months, followed by aspirin monotherapy for 12 months after implantation of a drug-eluting stent: a multicentre, open-label, randomised superiority trial. Lancet, The, 2018, 392, 940-949.	13.7	555
62	Design and principle of operation of the HeartMate PHP (percutaneous heart pump). EuroIntervention, 2018, 13, 1662-1666.	3.2	20
63	Qualitative and quantitative evaluation of dynamic changes in non-culprit coronary atherosclerotic lesion morphology: a longitudinal OCT study. EuroIntervention, 2018, 13, 2190-2200.	3.2	7
64	The European Collaborative Project on Inflammation and Vascular Wall Remodeling in Atherosclerosis - Intravascular Ultrasound (ATHEROREMO-IVUS) study. EuroIntervention, 2018, 14, 194-203.	3.2	15
65	Adiponectin in Relation to Coronary Plaque Characteristics on Radiofrequency Intravascular Ultrasound and Cardiovascular Outcome. Arquivos Brasileiros De Cardiologia, 2018, 111, 345-353.	0.8	3
66	Safety of optical coherence tomography in daily practice: a comparison with intravascular ultrasound. European Heart Journal Cardiovascular Imaging, 2017, 18, jew037.	1.2	47
67	Integrating CT Myocardial Perfusion andÂCT-FFR in the Work-Up ofÂCoronaryÂArteryÂDisease. JACC: Cardiovascular Imaging, 2017, 10, 760-770.	5.3	130
68	Impact of the SYNTAX scores I and II in patients with diabetes and multivessel coronary disease: a pooled analysis of patient level data from the SYNTAX, PRECOMBAT, and BEST trials. European Heart Journal, 2017, 38, 1969-1977.	2.2	76
69	Expanded clinical use of everolimus eluting bioresorbable vascular scaffolds for treatment of coronary artery disease. Catheterization and Cardiovascular Interventions, 2017, 90, 58-69.	1.7	0
70	Impact of Relative Conditional Survival Estimates on Patient Prognosis After Percutaneous Coronary Intervention. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	2.2	6
71	Intermittent pacing therapy favorably modulates infarct remodeling. Basic Research in Cardiology, 2017, 112, 28.	5.9	3
72	Navvus FFR to reduce CONTRAst, Cost and radiaTion (CONTRACT); insights from a single-centre clinical and economical evaluation with the RXi Rapid-Exchange FFR device. International Journal of Cardiology, 2017, 233, 80-84.	1.7	8

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73	The Promus Premier everolimus-eluting platinum chromium stent with durable polymer evaluated in a real world all-comer population in Rotterdam cardiology hospital (the P-SEARCH registry). International Journal of Cardiology, 2017, 240, 103-107.	1.7	3
74	LBT-6 Two-years Clinical Outcomes Of The ABSORB BVS Compared EES: AÂPropensity Matched Analysis Of The BVS Expand Registry. JACC: Cardiovascular Interventions, 2017, 10, S3.	2.9	1
75	Serial Assessment of Tissue Precursors andÂProgression of Coronary Calcification Analyzed by Fusion of IVUS and OCT. JACC: Cardiovascular Imaging, 2017, 10, 1151-1161.	5.3	31
76	Long-term serial non-invasive multislice computed tomography angiography with functional evaluation after coronary implantation of a bioresorbable everolimus-eluting scaffold: the ABSORB cohort B MSCT substudy. European Heart Journal Cardiovascular Imaging, 2017, 18, 870-879.	1.2	13
77	Very Late Scaffold Thrombosis in Absorb BVS. JACC: Cardiovascular Interventions, 2017, 10, 625-626.	2.9	4
78	Reduced duration of dual antiplatelet therapy using an improved drug-eluting stent for percutaneous coronary intervention of the left main artery in a real-world, all-comer population: Rationale and study design of the prospective randomized multicenter IDEAL-LM trial. American Heart Journal, 2017, 187, 104-111.	2.7	11
79	Impact of calcium on procedural and clinical outcomes in lesions treated with bioresorbable vascular scaffolds - A prospective BRS registry study. International Journal of Cardiology, 2017, 249, 119-126.	1.7	2
80	Serial 5-Year Evaluation of Side Branches Jailed by Bioresorbable Vascular Scaffolds Using 3-Dimensional Optical Coherence Tomography. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	7
81	Conformability in everolimus-eluting bioresorbable scaffolds compared with metal platform coronary stents in long lesions. International Journal of Cardiovascular Imaging, 2017, 33, 1863-1871.	1.5	5
82	Right ventricular involvement in cardiac sarcoidosis demonstrated with cardiac magnetic resonance. ESC Heart Failure, 2017, 4, 535-544.	3.1	32
83	155â€…Higher igm anti oxidised ldl antibodies point to favourable plaque characteristics as determined by radio frequency intravascular ultrasound (rf-ivus) and near infrared spectroscopy (nirs) in the integrated imaging and biomarker study 3 (ibis-3). Heart, 2017, 103, A112.2-A113.	2.9	0
84	Fibrinogen in relation to degree and composition of coronary plaque on intravascular ultrasound in patients undergoing coronary angiography. Coronary Artery Disease, 2017, 28, 23-32.	0.7	18
85	Recommendations for the use of bioresorbable vascular scaffolds in percutaneous coronary interventions. Netherlands Heart Journal, 2017, 25, 419-428.	0.8	10
86	Arterial Remodeling After Bioresorbable Scaffolds and Metallic Stents. Journal of the American College of Cardiology, 2017, 70, 60-74.	2.8	51
87	Comparison of acute expansion of bioresorbable vascular scaffolds versus metallic drugâ€eluting stents in different degrees of calcification: An optical coherence tomography study. Catheterization and Cardiovascular Interventions, 2017, 89, 798-810.	1.7	6
88	Diagnostic value of transmural perfusion ratio derived from dynamic CT-based myocardial perfusion imaging for the detection of haemodynamically relevant coronary artery stenosis. European Radiology, 2017, 27, 2309-2316.	4.5	33
89	Serial quantitative magnetic resonance angiography follow-up of renal artery dimensions following treatment by four different renal denervation systems. EuroIntervention, 2017, 12, e2271-e2277.	3.2	5
90	Everolimus-eluting bioresorbable vascular scaffolds for treatment of complex chronic total occlusions. EuroIntervention, 2017, 13, 355-363.	3.2	15

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91	Sex differences in plaque characteristics by intravascular imaging in patients with coronary artery disease. EuroIntervention, 2017, 13, 320-328.	3.2	28
92	Pulsatile iVAC 2L circulatory support in high-risk percutaneous coronary intervention. EuroIntervention, 2017, 12, 1689-1696.	3.2	26
93	Clinical outcomes with the STENTYS self-apposing coronary stent in patients presenting with ST-segment elevation myocardial infarction: two-year insights from the APPOSITION III (A Post-Market) Tj ETQq1 1 0.784314 rgBT /Overlock registry. EuroIntervention, 2017, 13, e572-e577.	3.2	8
94	Bivalirudin infusion to reduce ventricular infarction: the open-label, randomised Bivalirudin Infusion for Ventricular InfArction Limitation (BIVAL) study. EuroIntervention, 2017, 13, e540-e548.	3.2	11
95	High sensitive TROponin levels In Patients with Chest pain and kidney disease: A multicenter registry â€" The TROPIC study. Cardiology Journal, 2017, 24, 139-150.	1.2	8
96	Contrast-enhanced cardiac Magnetic Resonance: distinction between cardiac sarcoidosis and infarction scar. Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2017, 34, 307-314.	0.2	1
97	11â€…Predicting the outcome of reperfusion acutely in patients with STEMI â€" derivation and validation of the ATI score. Heart, 2016, 102, A6.2-A6.	2.9	0
98	Bioresorbable scaffolds for treatment of coronary bifurcation lesions: Critical appraisal and future perspectives. Catheterization and Cardiovascular Interventions, 2016, 88, 397-406.	1.7	6
99	Ischemic Postconditioning After Routine Thrombus Aspiration During Primary Percutaneous Coronary Intervention: Rationale and Design of the <scp>PO</scp>stconditioning <scp>R</scp>otterdam Trial. Catheterization and Cardiovascular Interventions, 2016, 88, 508-514.	1.7	2
100	Rationale and design of the ARCUS: Effects of trAnsRadial perCUtaneouS coronary intervention on upper extremity function. Catheterization and Cardiovascular Interventions, 2016, 88, 1036-1043.	1.7	19
101	TCT-440 Impact of optimal implantation technique on bioresorbable scaffold expansion and one-year clinical outcomes in patients presenting with acute coronary syndromes and calcified lesions. AÂpooled analysis of BVS STEMI First and BVS Expand Studies. Journal of the American College of Cardiology, 2016, 68, B177.	2.8	0
102	Haptoglobin polymorphism in relation to coronary plaque characteristics on radiofrequency intravascular ultrasound and near-infrared spectroscopy in patients with coronary artery disease. International Journal of Cardiology, 2016, 221, 682-687.	1.7	1
103	Plasma cystatin C and neutrophil gelatinase-associated lipocalin in relation to coronary atherosclerosis on intravascular ultrasound and cardiovascular outcome: Impact of kidney function (ATHEROREMO-IVUS study). Atherosclerosis, 2016, 254, 20-27.	0.8	10
104	Response by Costa et al to Letter Regarding Article, â€œThe Rotterdam Radial Access Research: Ultrasound-Based Radial Artery Evaluation for Diagnostic and Therapeutic Coronary Proceduresâ€• Circulation: Cardiovascular Interventions, 2016, 9, .	3.9	0
105	Everolimus-eluting bioresorbable vascular scaffolds implanted in coronary bifurcation lesions. International Journal of Cardiology, 2016, 221, 656-664.	1.7	3
106	Mid- to Long-Term Clinical Outcomes ofÂPatients Treated With the Everolimus-Eluting Bioresorbable VascularÂScaffold. JACC: Cardiovascular Interventions, 2016, 9, 1652-1663.	2.9	30
107	Differential thrombotic prolapse burden in either bioresorbable vascular scaffolds or metallic stents implanted during acute myocardial infarction. International Journal of Cardiology, 2016, 220, 802-808.	1.7	9
108	Acute Gain in Minimal Lumen AreaÂFollowing Implantation of Everolimus-Eluting ABSORB Biodegradable Vascular Scaffolds orÂXience Metallic Stents. JACC: Cardiovascular Interventions, 2016, 9, 1216-1227.	2.9	18

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109	Are BVS suitable for ACS patients? Support from a large single center real live registry. International Journal of Cardiology, 2016, 218, 89-97.	1.7	14
110	A simple risk chart for initial risk assessment of 30-day mortality in patients with cardiogenic shock from ST-elevation myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 101-107.	1.0	25
111	PCSK9 in relation to coronary plaque inflammation: Results of the ATHEROREMO-IVUS study. Atherosclerosis, 2016, 248, 117-122.	0.8	137
112	High-sensitivity Troponin T in relation to coronary plaque characteristics in patients with stable coronary artery disease; results of the ATHEROREMO-IVUS study. Atherosclerosis, 2016, 247, 135-141.	0.8	36
113	A Polylactide Bioresorbable Scaffold Eluting Everolimus for Treatment of Coronary Stenosis. Journal of the American College of Cardiology, 2016, 67, 766-776.	2.8	145
114	The Rotterdam Radial Access Research. Circulation: Cardiovascular Interventions, 2016, 9, e003129.	3.9	59
115	Coronary CT angiography derived fractional flow reserve: Methodology and evaluation of a point of care algorithm. Journal of Cardiovascular Computed Tomography, 2016, 10, 105-113.	1.3	50
116	Depression and anxiety symptoms as predictors of mortality in PCI patients at 10 years of follow-up. European Journal of Preventive Cardiology, 2016, 23, 552-558.	1.8	57
117	Automated characterisation of lipid core plaques in vivo by quantitative optical coherence tomography tissue type imaging. EuroIntervention, 2016, 12, 1490-1497.	3.2	11
118	STENTYS Self-ApposingÂ® sirolimus-eluting stent in ST-segment elevation myocardial infarction: results from the randomised APPOSITION IV trial. EuroIntervention, 2016, 11, e1267-e1274.	3.2	23
119	A tool for predicting the outcome of reperfusion in ST-elevation myocardial infarction using age, thrombotic burden and index of microcirculatory resistance (ATI score). EuroIntervention, 2016, 12, 1223-1230.	3.2	29
120	Initial experience with everolimus-eluting bioresorbable vascular scaffolds for treatment of patients presenting with acute myocardial infarction: a propensity-matched comparison to metallic drug eluting stents 18-month follow-up of the BVS STEMI first study. EuroIntervention, 2016, 12, 30-37.	3.2	21
121	Final results of a self-apposing paclitaxel-eluting stent fOr the PErcutaNeous treatment of de novo lesions in native bifurcated coronary arteries study. EuroIntervention, 2016, 12, 356-358.	3.2	13
122	High-sensitivity C-reactive protein predicts 10-year cardiovascular outcome after percutaneous coronary intervention. EuroIntervention, 2016, 12, 345-351.	3.2	24
123	Five-year outcomes of chronic total occlusion treatment with a biolimus A9-eluting biodegradable polymer stent versus a sirolimus-eluting permanent polymer stent in the LEADERS all-comers trial. Cardiology Journal, 2016, 23, 626-636.	1.2	3
124	Von Willebrand factor in relation to coronary plaque characteristics and cardiovascular outcome. Thrombosis and Haemostasis, 2015, 113, 577-584.	3.4	35
125	Bioresorbable vascular scaffold for ST elevation myocardial infarction. Coronary Artery Disease, 2015, 26, 545-547.	0.7	0
126	Impact of body mass index on longâ€term clinical outcomes after secondâ€generation drug eluting stent implantation: Insights from the international global <scp>RESOLUTE</scp> program. Catheterization and Cardiovascular Interventions, 2015, 85, 952-958.	1.7	9

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127	Smoking in Relation to Coronary Atherosclerotic Plaque Burden, Volume and Composition on Intravascular Ultrasound. PLoS ONE, 2015, 10, e0141093.	2.5	14
128	VEGF_{165A}microsphere therapy for myocardial infarction suppresses acute cytokine release and increases microvascular density but does not improve cardiac function. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H396-H406.	3.2	9
129	Plasma concentrations of molecular lipid species in relation to coronary plaque characteristics and cardiovascular outcome: Results of the ATHEROREMO-IVUS study. Atherosclerosis, 2015, 243, 560-566.	0.8	120
130	Limitation of Infarct Size and No-Reflow byÂIntracoronary Adenosine Depends Critically on Dose and Duration. JACC: Cardiovascular Interventions, 2015, 8, 1990-1999.	2.9	37
131	Fractional Flow Reserve Computed from Noninvasive CT Angiography Data: Diagnostic Performance of an On-Site Clinician-operated Computational Fluid Dynamics Algorithm. Radiology, 2015, 274, 674-683.	7.3	218
132	Association of wall shear stress with long-term vascular healing response following bioresorbable vascular scaffold implantation. International Journal of Cardiology, 2015, 191, 279-283.	1.7	9
133	Validation of Renal Artery Dimensions Measured by Magnetic Resonance Angiography in Patients Referred for Renal Sympathetic Denervation. Academic Radiology, 2015, 22, 1106-1114.	2.5	3
134	Fate of Side-Branch Jailing and a Malapposed Platinum Marker After Resorption of an Everolimus-Eluting Bioresorbable Vascular Scaffold. JACC: Cardiovascular Interventions, 2015, 8, e53-e54.	2.9	2
135	Can anxiety and depression, separately or in combination predict subjective health status 10years post-PCI?. International Journal of Cardiology, 2015, 186, 57-59.	1.7	4
136	Appropriate use of bioresorbable vascular scaffolds in percutaneous coronary interventions: a recommendation from experienced users. Netherlands Heart Journal, 2015, 23, 161-165.	0.8	30
137	Current status of clinically available bioresorbable scaffolds in percutaneous coronary interventions. Netherlands Heart Journal, 2015, 23, 153-160.	0.8	16
138	Evaluation of 42 cytokines, chemokines and growth factors for prediction of cardiovascular outcome in patients with coronary artery disease. International Journal of Cardiology, 2015, 184, 724-727.	1.7	1
139	Angiographic and Optical Coherence Tomography Insights Into Bioresorbable Scaffold Thrombosis. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	90
140	Alternative stents in ST-segment elevation myocardial infarction: improving the efficacy of primary percutaneous coronary intervention. Future Cardiology, 2015, 11, 347-357.	1.2	1
141	Impella ventricular support in clinical practice: Collaborative viewpoint from a European expert user group. International Journal of Cardiology, 2015, 201, 684-691.	1.7	160
142	A novel method to assess coronary artery bifurcations by OCT: cut-plane analysis for side-branch ostial assessment from a main-vessel pullback. European Heart Journal Cardiovascular Imaging, 2015, 16, 177-189.	1.2	44
143	Use of intracoronary imaging in ST Elevation Myocardial Infarction with coronary artery aneurysm and very late stent thrombosis. International Journal of Cardiology, 2015, 197, 296-299.	1.7	3
144	Prospective Assessment of the DiagnosticÂAccuracy of Instantaneous Wave-Free Ratio to Assess Coronary Stenosis Relevance. JACC: Cardiovascular Interventions, 2015, 8, 824-833.	2.9	172

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145	Cardiac patients who completed a longitudinal psychosocial study had a different clinical and psychosocial baseline profile than patients who dropped out prematurely. European Journal of Preventive Cardiology, 2015, 22, 196-199.	1.8	12
146	Is it safe to implant bioresorbable scaffolds in ostial side-branch lesions? Impact of â€˜neo-carinaâ€™ formation on main-branch flow pattern. Longitudinal clinical observations. Atherosclerosis, 2015, 238, 22-25.	0.8	11
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