

Nicolas M Van Mieghem

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3703722/nicolas-m-van-mieghem-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

287
papers

9,096
citations

40
h-index

91
g-index

317
ext. papers

12,176
ext. citations

4.6
avg, IF

5.7
L-index

#	Paper	IF	Citations
287	Cusp Overlap Versus 3-Cusps-Aligned Transcatheter Aortic Valve Depth Assessment With Different Angiography Projections by Multidetector Computed Tomography.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 231-233	5	0
286	TAVI-in-TAVI: a new paradigm in case preparation.. <i>European Heart Journal - Case Reports</i> , 2022 , 6, ytae0959	0.5	0
285	Prognostic value of post-percutaneous coronary intervention diastolic pressure ratio.. <i>Netherlands Heart Journal</i> , 2022 , 1	2.2	0
284	Comparison of diagnostic accuracy measures of novel 3D quantitative coronary angiography based software and diastolic pressure ratio for fractional flow Reserve. A single center pooled analysis of FAST EXTEND and FAST II studies.. <i>IJC Heart and Vasculature</i> , 2022 , 39, 100986	2.4	0
283	Functional Status After Transcatheter and Surgical Aortic Valve Replacement: 2-Year Analysis From the SURTAVI Trial.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 728-738	5	0
282	Three-dimensional QCA-based vessel fractional flow reserve (vFFR) in Heart Team decision-making: a multicentre, retrospective, cohort study.. <i>BMJ Open</i> , 2022 , 12, e054202	3	0
281	Invasive Right Ventricular Pressure-Volume Analysis: Basic Principles, Clinical Applications, and Practical Recommendations.. <i>Circulation: Heart Failure</i> , 2021 , CIRCHEARTFAILURE121009101	7.6	2
280	Contemporary management of severe symptomatic bicuspid aortic valve stenosis: the BiTri Registry. <i>Journal of Cardiovascular Medicine</i> , 2021 , 22, 492-495	1.9	0
279	Improving PCI Outcomes Using Postprocedural Physiology and Intravascular Imaging. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2415-2430	5	2
278	Impact of thrombus burden on long-term clinical outcomes in patients with either anterior or non-anterior ST-segment elevation myocardial infarction. <i>Journal of Thrombosis and Thrombolysis</i> , 2021 , 1	5.1	1
277	Intracardiac Echocardiography-Guided Biopsy in the Work-Up of an Unexplained Cardiac Mass. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, e297-e299	5	0
276	Endovascular renal sympathetic denervation to improve heart failure with reduced ejection fraction: the IMPROVE-HF-I study. <i>Netherlands Heart Journal</i> , 2021 , 1	2.2	0
275	Intra-Aortic Balloon Pumping in Acute Decompensated Heart Failure With Hypoperfusion: From Pathophysiology to Clinical Practice. <i>Circulation: Heart Failure</i> , 2021 , 14, e008527	7.6	6
274	Screening for coronary artery disease in early surgical treatment of acute aortic valve infective endocarditis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 32, 522-529	1.8	0
273	Predictors of pacemaker implantation after transcatheter aortic valve implantation according to kind of prosthesis and risk profile: a systematic review and contemporary meta-analysis. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2021 , 7, 143-153	4.6	3
272	Validation of novel 3-dimensional quantitative coronary angiography based software to calculate fractional flow reserve post stenting. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, 671-677	2.7	4
271	Managing Patients With Short-Term Mechanical Circulatory Support: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 1243-1256	15.1	8

270 Paravalvular Leaks **2021**, 65-77

269 MitraClip After Failed Surgical Mitral Valve Repair-An International Multicenter Study. *Journal of the American Heart Association*, **2021**, e019236 6 1

268 The effect of transcatheter aortic valve implantation on pulmonary artery pressures in a patient suffering from chronic heart failure: a case report. *European Heart Journal - Case Reports*, **2021**, 5, ytab1129 11.2 2

267 Clinical consequences of consecutive self-expanding transcatheter heart valve iterations. *Netherlands Heart Journal*, **2021**, 1 2.2 1

266 Valve Academic Research Consortium 3: updated endpoint definitions for aortic valve clinical research. *European Heart Journal*, **2021**, 42, 1825-1857 9.5 48

265 Bioprosthetic valve fracture: Predictors of outcome and follow-up. Results from a multicenter study. *Catheterization and Cardiovascular Interventions*, **2021**, 98, 756-764 2.7 0

264 Moderate Aortic Stenosis in Patients With Heart Failure and Reduced Ejection Fraction. *Journal of the American College of Cardiology*, **2021**, 77, 2796-2803 15.1 2

263 Joint EAPCI/ACVC expert consensus document on percutaneous ventricular assist devices. *European Heart Journal: Acute Cardiovascular Care*, **2021**, 10, 570-583 4.3 9

262 Impact of Interventricular membranous septum length on pacemaker need with different transcatheter aortic valve implantation systems. *International Journal of Cardiology*, **2021**, 333, 152-158 3.2 2

261 Pharmacodynamic Effects of Pre-Hospital Administered Crushed Prasugrel in Patients With ST-Segment Elevation Myocardial Infarction. *JACC: Cardiovascular Interventions*, **2021**, 14, 1323-1333 5 0

260 Predictors and Clinical Impact of Prosthesis-Patient Mismatch After Self-Expandable TAVR in Small Annuli. *JACC: Cardiovascular Interventions*, **2021**, 14, 1218-1228 5 8

259 Incidence, predictors and clinical impact of permanent pacemaker insertion in women following transcatheter aortic valve implantation: Insights from a prospective multinational registry. *Catheterization and Cardiovascular Interventions*, **2021**, 98, E908-E917 2.7 2

258 Data on plug-based large-bore arteriotomy vascular closure device related access complications. *Data in Brief*, **2021**, 36, 106969 1.2 1

257 Valve Academic Research Consortium 3: Updated Endpoint Definitions for Aortic Valve Clinical Research. *Journal of the American College of Cardiology*, **2021**, 77, 2717-2746 15.1 39

256 Transcatheter Aortic Valve Replacement for Degenerated Transcatheter Aortic Valves: The TRANSIT International Project. *Circulation: Cardiovascular Interventions*, **2021**, 14, e010440 6 0

255 Safety and feasibility of hemodynamic pulmonary artery pressure monitoring using the CardioMEMS device in LVAD management. *Journal of Cardiac Surgery*, **2021**, 36, 3271-3280 1.3 7

254 Effect of Transcatheter Aortic Valve Replacement on Concomitant Mitral Regurgitation and Its Impact on Mortality. *JACC: Cardiovascular Interventions*, **2021**, 14, 1181-1192 5 5

253 Transcatheter Repair and Replacement Technologies for Mitral Regurgitation: a European Perspective. *Current Cardiology Reports*, **2021**, 23, 125 4.2

252	Determinants of changes in pulmonary artery pressure in patients with severe aortic stenosis treated by transcatheter aortic valve implantation. <i>Acta Cardiologica</i> , 2021 , 76, 185-193	0.9	0
251	Correlation between 3D-QCA based FFR and quantitative lumen assessment by IVUS for left main coronary artery stenoses. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E495-E501	2.7	5
250	Impact of diabetes mellitus on female subjects undergoing transcatheter aortic valve implantation: Insights from the WIN-TAVI international registry. <i>International Journal of Cardiology</i> , 2021 , 322, 65-69	3.2	0
249	Preprocedural anemia in females undergoing transcatheter aortic valve implantation: Insights from the WIN-TAVI registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E704-E715	2.7	3
248	Patient perspectives on left main stem revascularization strategies, the OPINION-2 study. <i>Journal of Cardiology</i> , 2021 , 77, 271-278	3	
247	Prevalence, predictors, and outcomes of patient prosthesis mismatch in women undergoing TAVI for severe aortic stenosis: Insights from the WIN-TAVI registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, 516-526	2.7	5
246	Comparison of the Sapien 3 versus the ACURATE neo valve system: A propensity score analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E597-E606	2.7	1
245	Impact of baseline and newly acquired conduction disorders on need for permanent pacemakers with 3 consecutive generations of self-expanding transcatheter aortic heart valves. <i>Cardiovascular Revascularization Medicine</i> , 2021 , 34, 40-40	1.6	1
244	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. <i>European Heart Journal</i> , 2021 ,	9.5	11
243	Suture- or Plug-Based Large-Bore Arteriotomy Closure: A Pilot Randomized Controlled Trial. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 149-157	5	16
242	Vascular complications with a plug-based vascular closure device after transcatheter aortic valve replacement: Predictors and bail-outs. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, E737-E745	2.7	1
241	Frequency, impact and predictors of access complications with plug-based large-bore arteriotomy closure - A patient level meta-analysis. <i>Cardiovascular Revascularization Medicine</i> , 2021 ,	1.6	2
240	Simplified Trans-Axillary Aortic Valve Replacement Under Local Anesthesia - A Single-Center Early Experience. <i>Cardiovascular Revascularization Medicine</i> , 2021 , 23, 7-13	1.6	4
239	The Prognostic Value of a Validated and Automated Intravascular Ultrasound-Derived Calcium Score. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 14, 992-1000	3.3	0
238	Artificial Intelligence and Transcatheter Interventions for Structural Heart Disease: A glance at the (near) future. <i>Trends in Cardiovascular Medicine</i> , 2021 , 32, 153-153	6.9	6
237	Edoxaban versus Vitamin K Antagonist for Atrial Fibrillation after TAVR. <i>New England Journal of Medicine</i> , 2021 , 385, 2150-2160	59.2	30
236	Immersive Virtual Reality Heart Models for Planning of Transcatheter Paravalvular Leak Closure: A Feasibility Study. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1854-1856	5	1
235	Incidence, Causes, and Outcomes Associated With Urgent Implantation of a Supplementary Valve During Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2021 , 6, 936-944	16.2	1

234	Computed Tomography-Derived 3D Modeling to Guide Sizing and Planning of Transcatheter Mitral Valve Interventions. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1644-1658	8.4	5
233	Prophylactic permanent pacemaker strategy in patients with right bundle branch block undergoing transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, E1017-E1025	2.7	0
232	Safety of Endomyocardial Biopsy in New-Onset Acute Heart Failure Requiring Venous-Arterial Extracorporeal Membrane Oxygenation. <i>Circulation: Heart Failure</i> , 2021 , 14, e008387	7.6	2
231	Accuracy of three-dimensional computational modeling in prediction of the dynamic neo left ventricular outflow tract with transcatheter mitral valve replacement. <i>International Journal of Cardiology</i> , 2021 , 336, 93-96	3.2	1
230	Remote hemodynamic guidance before and after left ventricular assist device implantation: short-term results from the HEMO-VAD pilot study. <i>Future Cardiology</i> , 2021 , 17, 885-898	1.3	5
229	The Impact of Transfusions on Mortality After Transcatheter or Surgical Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 778-785	2.7	
228	Polarimetric Signatures of Coronary Thrombus in Patients With Acute Coronary Syndrome. <i>Circulation Journal</i> , 2021 , 85, 1806-1813	2.9	1
227	Case report: Concomitant MitraClip implantation for severe mitral regurgitation and plug closure of endocarditis induced fistula between aortic root and left atrium after transcatheter aortic valve implantation. <i>European Heart Journal - Case Reports</i> , 2021 , 5, ytaa573	0.9	
226	Transcatheter Replacement of Transcatheter Versus Surgically Implanted Aortic Valve Bioprostheses. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 1-14	15.1	17
225	Dedicated plug based closure for large bore access -The MARVEL prospective registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, 1270-1278	2.7	10
224	Clinical outcomes of transcatheter aortic valve implantation in patients younger than 70 years rejected for surgery: the AMTRAC registry. <i>EuroIntervention</i> , 2021 ,	3.1	1
223	The impact of the COVID-19 pandemic on the clinical status of patients referred for TAVR.. <i>Cardiovascular Revascularization Medicine</i> , 2021 ,	1.6	
222	Invasive Cardiomechanics During Transcatheter Edge-to-Edge Repair for Massive Tricuspid Regurgitation Using Biventricular Pressure-Volume Loop Monitoring.. <i>JACC: Case Reports</i> , 2021 , 3, 1883-1887	1.3	0
221	Vessel fractional flow reserve (vFFR) for the assessment of stenosis severity: the FAST II study. <i>EuroIntervention</i> , 2021 ,	3.1	7
220	Repeat Transcatheter Aortic Valve Replacement for Transcatheter Prosthesis Dysfunction. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1882-1893	15.1	59
219	Impact of intravascular ultrasound findings in patients with a post PCI fractional flow reserve ≥ 0.85 on 2 year clinical outcome. <i>International Journal of Cardiology</i> , 2020 , 317, 33-36	3.2	1
218	Insights on Embolic Protection, Repositioning, and Stroke: A Subanalysis of the RESPOND Study. <i>Journal of Interventional Cardiology</i> , 2020 , 2020, 3070427	1.8	2
217	Balloon Aortic Valvuloplasty [Remaining Indications in the Modern TAVR Era. <i>Structural Heart</i> , 2020 , 4, 206-213	0.6	0

216	Natural History of Asymptomatic Severe Aortic Stenosis and the Association of Early Intervention With Outcomes: A Systematic Review and Meta-analysis. <i>JAMA Cardiology</i> , 2020 , 5, 1102-1112	16.2	12
215	Pre-procedural planning of transcatheter mitral valve replacement in mitral stenosis with multi-detector tomography-derived 3D modeling and printing: a case report. <i>European Heart Journal - Case Reports</i> , 2020 , 4, 1-6	0.9	3
214	Impact of Predilatation Prior to Transcatheter Aortic Valve Implantation With the Self-Expanding Acurate neo Device (from the Multicenter NEOPRO Registry). <i>American Journal of Cardiology</i> , 2020 , 125, 1369-1377	3	5
213	A Longitudinal Echocardiographic Analysis of Patients Treated Using the Repositionable and Fully Retrievable Lotus Valve: A Sub-Analysis of the RESPOND Study. <i>Structural Heart</i> , 2020 , 4, 26-33	0.6	0
212	Complete 2-Year Results Confirm Bayesian Analysis of the SURTAVI Trial. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 323-331	5	11
211	Predictors for Clinical Outcome of Untreated Stent Edge Dissections as Detected by Optical Coherence Tomography. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008685	6	4
210	The impact of chronic kidney disease in women undergoing transcatheter aortic valve replacement: Analysis from the Women@ INTERNATIONAL Transcatheter Aortic Valve Implantation (WIN-TAVI) registry. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 198-207	2.7	4
209	Impact of Valvulo-Arterial Impedance on Long-Term Quality of Life and Exercise Performance After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008372	6	3
208	PulseCath iVAC2L: next-generation pulsatile mechanical circulatory support. <i>Future Cardiology</i> , 2020 , 16, 103-112	1.3	6
207	COMPARison of pre-hospital CRUSHed vs. uncrushed Prasugrel tablets in patients with STEMI undergoing primary percutaneous coronary interventions: Rationale and design of the COMPARE CRUSH trial. <i>American Heart Journal</i> , 2020 , 224, 10-16	4.9	7
206	Quantitative Assessment of Acute Regurgitation Following TAVR: A Multicenter Pooled Analysis of 2,258 Valves. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1303-1311	5	13
205	HAS-BLED score and actual bleeding in elderly patients undergoing transcatheter aortic valve implantation. <i>Minerva Medica</i> , 2020 , 111, 203-212	2.2	2
204	Clinical outcomes of TAVI or SAVR in men and women with aortic stenosis at intermediate operative risk: a post hoc analysis of the randomised SURTAVI trial. <i>EuroIntervention</i> , 2020 , 16, 833-841	3.1	2
203	Reduced Leaflet Motion after Transcatheter Aortic-Valve Replacement. <i>New England Journal of Medicine</i> , 2020 , 382, 130-139	59.2	93
202	Comparison of clinical outcomes between Magmaris and Orsiro drug eluting stent at 12 months: Pooled patient level analysis from BIOSOLVE II-III and BIOFLOW II trials. <i>International Journal of Cardiology</i> , 2020 , 300, 60-65	3.2	8
201	TAVI Care and Cure, the Rotterdam multidisciplinary program for patients undergoing transcatheter aortic valve implantation: Design and rationale. <i>International Journal of Cardiology</i> , 2020 , 302, 36-41	3.2	6
200	Transcatheter Self-Expandable Valve Implantation for Aortic Stenosis in Small Aortic Annuli: The TAVI-SMALL Registry. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 196-206	5	15
199	Treatment of a Prematurely Degenerated Transcatheter Heart Valve in a Patient on Dialysis. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, e41-e42	5	1

198	Vascular Complications after Transfemoral Transcatheter Aortic Valve Implantation: A Systematic Review and Meta-Analysis. <i>Structural Heart</i> , 2020 , 4, 62-71	0.6	2
197	Edwards SAPIEN Versus Medtronic Aortic Bioprosthesis in Women Undergoing Transcatheter Aortic Valve Implantation (from the Win-TAVI Registry). <i>American Journal of Cardiology</i> , 2020 , 125, 441-448	3.8	4
196	Management of Septal Branch Perforation and Septal Hematoma During Retrograde Treatment of Coronary Chronic Total Occlusion Using Fat Embolization. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 966.e15-966.e17	2.7	1
195	Stent underexpansion due to heavy coronary calcification resistant to rotational atherectomy: A case for coronary lithoplasty?. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 598-600	2.7	6
194	Effect of Prehospital Crushed Prasugrel Tablets in Patients With ST-Segment-Elevation Myocardial Infarction Planned for Primary Percutaneous Coronary Intervention: The Randomized COMPARE CRUSH Trial. <i>Circulation</i> , 2020 , 142, 2316-2328	16.7	11
193	MitraClip in secondary mitral regurgitation as a bridge to heart transplantation: 1-year outcomes from the International MitraBridge Registry. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1353-1362	5.8	27
192	Patient-Specific Computer Simulation in TAVR With the Self-Expanding Evolut R Valve. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1803-1812	5	12
191	Pathways Towards Lean TAVR. <i>Structural Heart</i> , 2020 , 4, 284-287	0.6	2
190	Pressure-Volume Loop Analysis in Percutaneous Coronary Intervention-Induced Shock. <i>JACC: Case Reports</i> , 2020 , 2, 1882-1883	1.2	
189	Transcatheter Treatment of Residual Significant Mitral Regurgitation Following TAVR: A Multicenter Registry. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2782-2791	5	13
188	Percutaneous complete revascularization strategies using sirolimus-eluting biodegradable polymer-coated stents in patients presenting with acute coronary syndrome and multivessel disease: Rationale and design of the BIOVASC trial. <i>American Heart Journal</i> , 2020 , 227, 111-117	4.9	2
187	Propensity-Matched Comparison of Evolut-R Transcatheter Aortic Valve Implantation With Surgery in Intermediate-Risk Patients (from the SURTAVI Trial). <i>American Journal of Cardiology</i> , 2020 , 131, 82-90 ³		3
186	Reclassification of aortic stenosis by fusion of echocardiography and computed tomography in low-gradient aortic stenosis. <i>Netherlands Heart Journal</i> , 2020 , 1	2.2	1
185	Delirium After TAVR: Crosspassing the Limit of Resilience. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2453-2466	5	1
184	Mechanical Support in Early Cardiogenic Shock: What Is the Role of Intra-aortic Balloon Counterpulsation?. <i>Current Heart Failure Reports</i> , 2020 , 17, 247-260	2.8	5
183	Renal sympathetic denervation in patients with vasospastic angina. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 2202-2209	2.1	2
182	Determination of cardiac output from pulse pressure contour during intra-aortic balloon pumping in patients with low ejection fraction. <i>Journal of Clinical Monitoring and Computing</i> , 2020 , 34, 233-243	2	1
181	Serial invasive imaging follow-up of the first clinical experience with the Magmaris magnesium bioresorbable scaffold. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 226-231	2.7	6

180	Differences in clinical valve size selection and valve size selection for patient-specific computer simulation in transcatheter aortic valve replacement (TAVR): a retrospective multicenter analysis. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 123-129	2.5	3
179	Expanding the indications for transcatheter aortic valve implantation. <i>Nature Reviews Cardiology</i> , 2020 , 17, 75-84	14.8	24
178	Invasive left ventricle pressure-volume analysis: overview and practical clinical implications. <i>European Heart Journal</i> , 2020 , 41, 1286-1297	9.5	56
177	Long-term outcome in patients treated with first- versus second-generation drug-eluting stents for the treatment of unprotected left main coronary artery stenosis. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 1085-1091	2.7	1
176	Preoperative coronary angiography in vascular surgery patients with asymptomatic elevated high-sensitivity troponin T: a case series. <i>British Journal of Anaesthesia</i> , 2019 , 123, 565-569	5.4	2
175	Angiography-Derived Fractional Flow Reserve in the SYNTAX II Trial: Feasibility, Diagnostic Performance of Quantitative Flow Ratio, and Clinical Prognostic Value of Functional SYNTAX Score Derived From Quantitative Flow Ratio in Patients With 3-Vessel Disease. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 276-283	5	19
174	Comparison of Outcomes After Transcatheter vs Surgical Aortic Valve Replacement Among Patients at Intermediate Operative Risk With a History of Coronary Artery Bypass Graft Surgery: A Post Hoc Analysis of the SURTAVI Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2019 , 4, 810-814	16.2	7
173	Remote magnetic navigation-guided ventricular tachycardia ablation with continuous-flow mechanical circulatory support. <i>HeartRhythm Case Reports</i> , 2019 , 5, 217-220	1	
172	Early Clinical Impact of Cerebral Embolic Protection in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007605	6	7
171	Fractional flow reserve guided percutaneous coronary intervention optimization directed by high-definition intravascular ultrasound versus standard of care: Rationale and study design of the prospective randomized FFR-REACT trial. <i>American Heart Journal</i> , 2019 , 213, 66-72	4.9	12
170	Outcome of Patients Undergoing Transcatheter Implantation of Aortic Valve With Previous Mitral Valve Prosthesis (OPTIMAL) Study. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 866-874	3.8	0
169	Routine Fractional Flow Reserve Measurement After Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007428	6	20
168	Impact of baseline cigarette smoking status on clinical outcome after transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 94, 795-805	2.7	3
167	Transcatheter Aortic Valve Replacement With Next-Generation Self-Expanding Devices: A Multicenter, Retrospective, Propensity-Matched Comparison of Evolut PRO Versus Acurate neo Transcatheter Heart Valves. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 433-443	5	34
166	Hemodynamic Effects of Transcatheter Aortic Valve Replacement for Moderate Aortic Stenosis With Reduced Left Ventricular Ejection Fraction. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 684-686	5	6
165	ACRA Perfusion Study. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007641	6	4
164	Clinical outcomes of the Lotus Valve in patients with bicuspid aortic valve stenosis: An analysis from the RESPOND study. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 1116-1123	2.7	9
163	Transcatheter Aortic Valve Replacement Outcomes in Patients With Native vs Transplanted Kidneys: Data From an International Multicenter Registry. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 1114-1123	2.8	8

162	Explanation of Postprocedural Fractional Flow Reserve Below 0.85. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007030	6	14
161	Impact of device-host interaction on paravalvular aortic regurgitation with different transcatheter heart valves. <i>Cardiovascular Revascularization Medicine</i> , 2019 , 20, 126-132	1.6	2
160	Heart Team decision making and long-term outcomes for 1000 consecutive cases of coronary artery disease. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019 , 28, 206-213	1.8	15
159	Myocardial Injury Post Transcatheter Aortic Valve Implantation Comparing Mechanically Expanded Versus Self-Expandable Versus Balloon-Expandable Valves. <i>Structural Heart</i> , 2019 , 3, 431-437	0.6	1
158	Transcatheter Aortic Valve Replacement with the Lotus Valve: Concept and Current State of the Data. <i>Interventional Cardiology Clinics</i> , 2019 , 8, 393-402	1.4	
157	Generalized pairwise comparison methods to analyze (non)prioritized composite endpoints. <i>Statistics in Medicine</i> , 2019 , 38, 5641-5656	2.3	11
156	Monitoring pulmonary artery pressure in chronic heart failure patients and evaluating the treatment effect of MitraClip implantation for functional mitral regurgitation. <i>EuroIntervention</i> , 2019 , 15, 418-419	3.1	4
155	Primary intra-aortic balloon support versus inotropes for decompensated heart failure and low output: a randomised trial. <i>EuroIntervention</i> , 2019 , 15, 586-593	3.1	25
154	Patient-specific computer simulation for transcatheter cardiac interventions: what a clinician needs to know. <i>Heart</i> , 2019 , 105, s21-s27	5.1	19
153	Impact of Discharge Location After Transcatheter Aortic Valve Replacement on 1-Year Outcomes in Women: Results From the WIN-TAVI Registry. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 199-207	3.8	4
152	Completely Percutaneous Transaxillary Aortic Valve Implantation Under Local Anesthesia: A Minimalist Alternative Access Approach. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, e1-e2	5	2
151	Atrial fibrillation reduction by renal sympathetic denervation: 12 months Results of the AFFORD study. <i>Clinical Research in Cardiology</i> , 2019 , 108, 634-642	6.1	23
150	Feasibility study of a synchronized diastolic injection with low contrast volume for proper quantitative assessment of aortic regurgitation in porcine models. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 963-970	2.7	7
149	New-generation drug-eluting stents for left main coronary artery disease according to the EXCEL trial enrollment criteria: Insights from the all-comers, international, multicenter DELTA-2 registry. <i>International Journal of Cardiology</i> , 2019 , 280, 30-37	3.2	2
148	Maturation from CoreValve to Evolut Pro: a clinical overview. <i>Future Cardiology</i> , 2019 , 15, 1-8	1.3	1
147	Design and rationale of haemodynamic guidance with CardioMEMS in patients with a left ventricular assist device: the HEMO-VAD pilot study. <i>ESC Heart Failure</i> , 2019 , 6, 194-201	3.7	24
146	Use of a Repositionable and Fully Retrievable Aortic Valve in Routine Clinical Practice: The RESPOND Study and RESPOND Extension Cohort. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 38-49	5	14
145	Moderate Aortic Stenosis and Heart Failure With Reduced Ejection Fraction: Can Imaging Guide Us to Therapy?. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 172-184	8.4	17

144	Bicuspid Aortic Valve Anatomy and Relationship With Devices: The BAVARD Multicenter Registry. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007107	6	63
143	The Erasmus Frailty Score is associated with delirium and 1-year mortality after Transcatheter Aortic Valve Implantation in older patients. The TAVI Care & Cure program. <i>International Journal of Cardiology</i> , 2019 , 276, 48-52	3.2	21
142	Evaluation of Microvascular Injury in Revascularized Patients With ST-Segment-Elevation Myocardial Infarction Treated With Ticagrelor Versus Prasugrel. <i>Circulation</i> , 2019 , 139, 636-646	16.7	16
141	Impact of coronary artery disease and percutaneous coronary intervention in women undergoing transcatheter aortic valve replacement: From the WIN-TAVI registry. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 1124-1131	2.7	8
140	Coronary lithoplasty: a novel treatment for stent underexpansion. <i>European Heart Journal</i> , 2019 , 40, 221	9.5	21
139	References for left main stem dimensions: A cross sectional intravascular ultrasound analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 233-238	2.7	4
138	Conduction dynamics after transcatheter aortic valve implantation and implications for permanent pacemaker implantation and early discharge: the CONDUCT-study. <i>Europace</i> , 2018 , 20, 1981-1988	3.9	8
137	Importance of Contrast Aortography With Lotus Transcatheter Aortic Valve Replacement: A Post Hoc Analysis From the RESPOND Post-Market Study. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 119-128	5	11
136	Right ventricular systolic function in patients undergoing transcatheter aortic valve implantation: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2018 , 257, 40-45	3.2	19
135	Incidence, predictors and clinical outcomes of residual stenosis after aortic valve-in-valve. <i>Heart</i> , 2018 , 104, 828-834	5.1	39
134	Timing of coronary angiography in survivors of out-of-hospital cardiac arrest without obvious extracardiac causes. <i>Resuscitation</i> , 2018 , 123, 98-104	4	12
133	1-Year Clinical Outcomes in Women After Transcatheter Aortic Valve Replacement: Results From the First WIN-TAVI Registry. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1-12	5	40
132	Delayed Coronary Obstruction After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1513-1524	15.1	102
131	Annual number of candidates for transcatheter aortic valve implantation per country: current estimates and future projections. <i>European Heart Journal</i> , 2018 , 39, 2635-2642	9.5	134
130	A case-vignette based assessment of patient perspective on coronary revascularization strategies, the OPINION study. <i>Journal of Cardiology</i> , 2018 , 72, 149-154	3	5
129	Percutaneous Ventricular Assist Device for Circulatory Support During Ablation of Atrial Tachycardias in Patients With Fontan Circulation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018 , 71, 493-495	0.7	
128	Comparison of valve performance of the mechanically expanding Lotus and the balloon-expanded SAPIEN3 transcatheter heart valves: an observational study with independent core laboratory analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 157-167	4.1	12
127	Occurrence and predictors of acute stent recoil-A comparison between the xience prime cobalt chromium stent and the promus premier platinum chromium stent. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, E21-E28	2.7	7

126	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> , 2018 , 39, 295-302	9.5	60
125	Complete filter-based cerebral embolic protection with transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, 790-797	2.7	23
124	Prevalence and consequences of noncardiac incidental findings on preprocedural imaging in the workup for transcatheter aortic valve implantation, renal sympathetic denervation, or MitraClip implantation. <i>American Heart Journal</i> , 2018 , 204, 83-91	4.9	6
123	Long-term follow-up of quality of life in high-risk patients undergoing transcatheter aortic valve implantation for symptomatic aortic valve stenosis. <i>Journal of Geriatric Cardiology</i> , 2018 , 15, 261-267	1.7	6
122	Design and principle of operation of the HeartMate PHP (percutaneous heart pump). <i>EuroIntervention</i> , 2018 , 13, 1662-1666	3.1	14
121	Long-Term Structural Integrity and Durability of the Medtronic CoreValve System After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 781-783	8.4	2
120	1-Year Outcomes With the Evolut R Self-Expanding Transcatheter Aortic Valve: From the International FORWARD Study. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 2326-2334	5	36
119	Validation of Resting Diastolic Pressure Ratio Calculated by a Novel Algorithm and Its Correlation With Distal Coronary Artery Pressure to Aortic Pressure, Instantaneous Wave-Free Ratio, and Fractional Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e006911	6	19
118	Pressure-volume analysis in athyroid patients off and on thyroxine supplementation: a pilot study. <i>Physiological Reports</i> , 2018 , 6, e13883	2.6	
117	Neurological Complications After Transcatheter Versus Surgical Aortic Valve Replacement in Intermediate-Risk Patients. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2109-2119	15.1	20
116	Prognostic Value of Intravascular Ultrasound in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2003-2011	15.1	23
115	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). <i>Current Atherosclerosis Reports</i> , 2018 , 20, 52	6	7
114	Moderate Aortic Stenosis and Reduced Left Ventricular Ejection Fraction: Current Evidence and Challenges Ahead. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 111	5.4	4
113	Impact of Baseline Atrial Fibrillation on Outcomes Among Women Who Underwent Contemporary Transcatheter Aortic Valve Implantation (from the Win-TAVI Registry). <i>American Journal of Cardiology</i> , 2018 , 122, 1909-1916	3	11
112	Edoxaban Versus standard of care and their effects on clinical outcomes in patients having undergone Transcatheter Aortic Valve Implantation in Atrial Fibrillation-Rationale and design of the ENVISAGE-TAVI AF trial. <i>American Heart Journal</i> , 2018 , 205, 63-69	4.9	38
111	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). <i>EBioMedicine</i> , 2018 , 36, 63-72	8.8	15
110	Usefulness of Transcatheter Aortic Valve Implantation for Treatment of Pure Native Aortic Valve Regurgitation. <i>American Journal of Cardiology</i> , 2018 , 122, 1028-1035	3	16
109	Postoperative analysis of the mechanical interaction between stent and host tissue in patients after transcatheter aortic valve implantation. <i>Journal of Biomechanics</i> , 2017 , 53, 15-21	2.9	12

108	Circulatory support using the impella device in fontan patients with systemic ventricular dysfunction: A multicenter experience. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 90, 118-123	14
107	Accuracy of an automated transthoracic echocardiographic tool for 3D assessment of left heart chamber volumes. <i>Echocardiography</i> , 2017 , 34, 199-209	1.5 13
106	Transcatheter Heart Valve Selection and Permanent Pacemaker Implantation in Patients With Pre-Existent Right Bundle Branch Block. <i>Journal of the American Heart Association</i> , 2017 , 6,	6 25
105	Matched Comparison of Self-Expanding Transcatheter Heart Valves for the Treatment of Failed Aortic Surgical Bioprosthesis: Insights From the Valve-in-Valve International Data Registry (VIVID). <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6 20
104	Redo renal denervation using a multi-electrode radiofrequency system in patients with persistent therapy-resistant hypertension. <i>Netherlands Heart Journal</i> , 2017 , 25, 359-364	2.2 0
103	Effect of catheter-based renal denervation on left ventricular function, mass and (un)twist with two-dimensional speckle tracking echocardiography. <i>Journal of Echocardiography</i> , 2017 , 15, 158-165	1.6 2
102	Isolated left ventricular failure is a predictor of poor outcome in patients receiving veno-arterial extracorporeal membrane oxygenation. <i>European Journal of Heart Failure</i> , 2017 , 19 Suppl 2, 104-109	12.3 10
101	Prognostic Implications of Moderate Aortic Stenosis in Patients With Left Ventricular Systolic Dysfunction. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2383-2392	15.1 61
100	Current MitraClip experience, safety and feasibility in the Netherlands. <i>Netherlands Heart Journal</i> , 2017 , 25, 394-400	2.2 6
99	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. <i>International Journal of Cardiology</i> , 2017 , 233, 80-84	3.2 4
98	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). <i>International Journal of Cardiology</i> , 2017 , 240, 103-107	3.2 1
97	Relation between calcium burden, echocardiographic stent frame eccentricity and paravalvular leakage after corevalve transcatheter aortic valve implantation. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 648-653	4.1 19
96	Surgical or Transcatheter Aortic-Valve Replacement in Intermediate-Risk Patients. <i>New England Journal of Medicine</i> , 2017 , 376, 1321-1331	59.2 1524
95	Retraction notice to: Aortic Valve Endocarditis and Coronary Angiography With Cerebral Embolic Protection. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, e67-e68	5
94	Percutaneous Plug-Based Arteriotomy Closure Device for Large-Bore Access: A Multicenter Prospective Study. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 613-619	5 65
93	Clinical Characteristics and Management of Coronary Artery Perforations: A Single-Center 11-Year Experience and Practical Overview. <i>Journal of the American Heart Association</i> , 2017 , 6,	6 37
92	First-Line Support by Intra-Aortic Balloon Pump in Non-Ischaemic Cardiogenic Shock in the Era of Modern Ventricular Assist Devices. <i>Cardiology</i> , 2017 , 138, 1-8	1.6 13
91	Clinical outcomes of state-of-the-art percutaneous coronary revascularization in patients with de novo three vessel disease: 1-year results of the SYNTAX II study. <i>European Heart Journal</i> , 2017 , 38, 3124-3134	9.5 165

90	Retraction notice to: Aortic Valve Endocarditis and Coronary Angiography With Cerebral Embolic Protection. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 1605	5	1
89	Transcatheter Aortic Valve Replacement in Pure Native Aortic Valve Regurgitation. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2752-2763	15.1	117
88	The ACRA Anatomy Study (Assessment of Disability After Coronary Procedures Using Radial Access): A Comprehensive Anatomic and Functional Assessment of the Vasculature of the Hand and Relation to Outcome After Transradial Catheterization. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	32
87	Arterial Remodeling After Bioresorbable Scaffolds and Metallic Stents. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 60-74	15.1	39
86	Safety and efficacy of a repositionable and fully retrievable aortic valve used in routine clinical practice: the RESPOND Study. <i>European Heart Journal</i> , 2017 , 38, 3359-3366	9.5	49
85	A Niche Indication for Intra-Aortic Balloon Pump Counterpulsation: Aortic Valve Opening in a Surgically Vented Left Ventricle on Venoarterial ECMO. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, e133-e134	5	3
84	Relation Between Clinical Best Practices and 6-Month Outcomes After Transcatheter Aortic Valve Implantation With CoreValve (from the ADVANCE II Study). <i>American Journal of Cardiology</i> , 2017 , 119, 84-90	3	17
83	Patient-specific computer modelling - its role in the planning of transcatheter aortic valve implantation. <i>Netherlands Heart Journal</i> , 2017 , 25, 100-105	2.2	13
82	Cost-Effectiveness and Projected Survival of Self-Expanding Transcatheter Versus Surgical Aortic Valve Replacement for High Risk Patients in a European Setting: A Dutch Analysis Based on the CoreValve High Risk Trial. <i>Structural Heart</i> , 2017 , 1, 267-274	0.6	3
81	Determinants of aortic regurgitation after transcatheter aortic valve implantation. An observational study using multi-slice computed tomography-guided sizing. <i>Journal of Cardiovascular Surgery</i> , 2017 , 58, 598-605	0.7	
80	The Role of Automated 3D Echocardiography for Left Ventricular Ejection Fraction Assessment. <i>Cardiac Failure Review</i> , 2017 , 3, 97-101	4.2	14
79	The DELTA 2 Registry: A Multicenter Registry Evaluating Percutaneous Coronary Intervention With New-Generation Drug-Eluting Stents in Patients With Obstructive Left Main Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2401-2410	5	25
78	Early stentframe thrombosis complicating transcatheter valve in transcatheter valve implantation. <i>European Heart Journal</i> , 2017 , 38, 2231	9.5	1
77	Response by Costa et al to Letter Regarding Article, "The Rotterdam Radial Access Research: Ultrasound-Based Radial Artery Evaluation for Diagnostic and Therapeutic Coronary Procedures". <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9,	6	
76	Everolimus-eluting bioresorbable vascular scaffolds implanted in coronary bifurcation lesions: Impact of polymeric wide struts on side-branch impairment. <i>International Journal of Cardiology</i> , 2016 , 221, 656-64	3.2	1
75	Differential thrombotic prolapse burden in either bioresorbable vascular scaffolds or metallic stents implanted during acute myocardial infarction: The snowshoe effect: Insights from the maximal footprint analysis. <i>International Journal of Cardiology</i> , 2016 , 220, 802-8	3.2	8
74	Transcatheter Lotus Valve Implantation in a Stenotic Mitral Valve. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, e215-e217	5	5
73	Current and novel approaches to treat patients presenting with ST elevation myocardial infarction. <i>Expert Review of Cardiovascular Therapy</i> , 2016 , 14, 895-904	2.5	

72	Determinants of image quality of rotational angiography for on-line assessment of frame geometry after transcatheter aortic valve implantation. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 1021-9	2.5	5
71	Importance of the left ventricular outflow tract in the need for pacemaker implantation after transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2016 , 216, 9-15	3.2	31
70	Silent cerebral injury after transcatheter aortic valve implantation and the preventive role of embolic protection devices: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2016 , 221, 97-106	3.2	48
69	Transcatheter Mitral Valve Implantation in a Patient With an Aortic Mechanical Valve. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, e31-e33	5	1
68	The Rotterdam Radial Access Research: Ultrasound-Based Radial Artery Evaluation for Diagnostic and Therapeutic Coronary Procedures. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, e003129	6	41
67	Revascularization Options: Coronary Artery Bypass Surgery and Percutaneous Coronary Intervention. <i>Heart Failure Clinics</i> , 2016 , 12, 135-9	3.3	9
66	Limitations and difficulties of echocardiographic short-axis assessment of paravalvular leakage after corevalve transcatheter aortic valve implantation. <i>Cardiovascular Ultrasound</i> , 2016 , 14, 37	2.4	8
65	Current decision making and short-term outcome in patients with degenerative aortic stenosis: the Pooled-Rotterdam-Milano-Toulouse In Collaboration Aortic Stenosis survey. <i>EuroIntervention</i> , 2016 , 11, e1305-13	3.1	15
64	Computed tomography optimised fluoroscopy guidance for transcatheter mitral therapies. <i>EuroIntervention</i> , 2016 , 11, 1428-31	3.1	9
63	Filter-based cerebral embolic protection with transcatheter aortic valve implantation: the randomised MISTRAL-C trial. <i>EuroIntervention</i> , 2016 , 12, 499-507	3.1	108
62	Distinct Pattern of Constrictive Remodeling in Radiotherapy-Induced Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, e121-3	5	3
61	Bioresorbable scaffolds for treatment of coronary bifurcation lesions: Critical appraisal and future perspectives. <i>Catheterization and Cardiovascular Interventions</i> , 2016 , 88, 397-406	2.7	5
60	Differences in Frame Geometry Between Balloon-expandable and Self-expanding Transcatheter Heart Valves and Association With Aortic Regurgitation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016 , 69, 392-400	0.7	7
59	Self-correction property a novel feature of bioresorbable coronary scaffolds. <i>International Journal of Cardiology</i> , 2016 , 214, 417-8	3.2	
58	Considerations and Recommendations for the Introduction of Objective Performance Criteria for Transcatheter Aortic Heart Valve Device Approval. <i>Circulation</i> , 2016 , 133, 2086-93	16.7	8
57	Inadequate seal of left atrial appendage: the fountain sign. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 796	4.1	
56	Outcomes of Redo Transcatheter Aortic Valve Replacement for the Treatment of Postprocedural and Late Occurrence of Paravalvular Regurgitation and Transcatheter Valve Failure. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9,	6	59
55	Rationale and design of the Transcatheter Aortic Valve Replacement to UNload the Left ventricle in patients with ADvanced heart failure (TAVR UNLOAD) trial. <i>American Heart Journal</i> , 2016 , 182, 80-88	4.9	83

54	Mitral Valve Injury After MitraClip Implantation. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, e185-6	5	8
53	The MANTA Vascular Closure Device: A Novel Device for Large-Bore Vessel Closure. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 1195-6	5	26
52	Acute and 30-Day Outcomes in Women After TAVR: Results From the WIN-TAVI (Women@ International Transcatheter Aortic Valve Implantation) Real-World Registry. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 1589-600	5	56
51	Diagnosis and management of aortic valve stenosis in patients with heart failure. <i>European Journal of Heart Failure</i> , 2016 , 18, 469-81	12.3	15
50	Quantitative Doppler for Estimation of Paravalvular Leakage after Transcatheter Aortic Valve Implantation. <i>Journal of Heart Valve Disease</i> , 2016 , 25, 289-295		
49	Optimal Implantation Depth and Adherence to Guidelines on Permanent Pacing to Improve the Results of Transcatheter Aortic Valve Replacement With the Medtronic CoreValve System: The CoreValve Prospective, International, Post-Market ADVANCE-II Study. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 827-815	5	90
48	Prediction of paravalvular leakage after transcatheter aortic valve implantation. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 1461-8	2.5	15
47	Impact of residual coronary artery disease on patients undergoing TAVI: A meta-analysis of adjusted observational studies. <i>International Journal of Cardiology</i> , 2015 , 181, 77-80	3.2	7
46	Validation of renal artery dimensions measured by magnetic resonance angiography in patients referred for renal sympathetic denervation. <i>Academic Radiology</i> , 2015 , 22, 1106-14	4.3	1
45	Incidence and predictors of debris embolizing to the brain during transcatheter aortic valve implantation. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 718-24	5	120
44	Appropriate use of bioresorbable vascular scaffolds in percutaneous coronary interventions: a recommendation from experienced users : A position statement on the use of bioresorbable vascular scaffolds in the Netherlands. <i>Netherlands Heart Journal</i> , 2015 , 23, 161-5	2.2	28
43	Current status of clinically available bioresorbable scaffolds in percutaneous coronary interventions. <i>Netherlands Heart Journal</i> , 2015 , 23, 153-60	2.2	13
42	Angiographic and optical coherence tomography insights into bioresorbable scaffold thrombosis: single-center experience. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8,	6	83
41	The effect of transradial coronary catheterization on upper limb function. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 515-23	5	20
40	Relation between E/eRatio and NT-proBNP levels in elderly patients with symptomatic severe aortic stenosis. <i>Cardiovascular Ultrasound</i> , 2015 , 13, 29	2.4	2
39	Impact of Mixed Aortic Valve Stenosis on VARC-2 Outcomes and Postprocedural Aortic Regurgitation in Patients Undergoing Transcatheter Aortic Valve Implantation: Results From the International Multicentric Study PRAGMATIC (Pooled Rotterdam-Milan-Toulouse in Collaboration). <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 86, 875-85	2.7	16
38	Serial imaging observations of vascular healing in a denervation-induced renal artery dissection. <i>European Heart Journal</i> , 2015 , 36, 1040	9.5	2
37	Transcatheter lotus valve implantation in a degenerated carpentier-edwards bioprosthesis. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, e27-e28	5	1

36	Defective recovery of QT dispersion following transcatheter aortic valve implantation: frequency, predictors and prognosis. <i>Journal of Geriatric Cardiology</i> , 2015 , 12, 482-8	1.7	7
35	The PulseCath iVAC 2L left ventricular assist device: conversion to a percutaneous transfemoral approach. <i>EuroIntervention</i> , 2015 , 11, 835-9	3.1	18
34	Transcatheter Lotus valve implantation in a regurgitant SAPIEN 3 valve. <i>EuroIntervention</i> , 2015 , 11, 356	3.1	6
33	The role of frame geometry assessment during transcatheter aortic valve replacement by rotational angiography. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, e191-2	5	8
32	Modified T-technique with bioresorbable scaffolds ensures complete carina coverage: an optical coherence tomography study. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, e109-10	5	5
31	Meta-analysis of predictors of all-cause mortality after transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , 2014 , 114, 1447-55	3	68
30	Revascularization options: coronary artery bypass surgery and percutaneous coronary intervention. <i>Cardiology Clinics</i> , 2014 , 32, 457-61	2.5	6
29	Fluoroscopic anatomy of left-sided heart structures for transcatheter interventions: insight from multislice computed tomography. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 947-57	5	39
28	Cause of death after transcatheter aortic valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 83, E277-82	2.7	36
27	Role of percutaneous coronary intervention in the treatment of left main coronary artery disease. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2014 , 26, 187-91	1.7	
26	OCT assessment of the long-term vascular healing response 5 years after everolimus-eluting bioresorbable vascular scaffold. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 2343-56	15.1	93
25	Transapical versus transfemoral aortic valve implantation: a multicenter collaborative study. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 22-8	2.7	57
24	Transcatheter aortic valve replacement and vascular complications definitions. <i>EuroIntervention</i> , 2014 , 9, 1317-22	3.1	13
23	What embolises to the brain during transcatheter aortic valve implantation?. <i>EuroIntervention</i> , 2014 , 9, 1127	3.1	
22	Aorta de porcelana y estenosis aórtica grave: ¿la implantación percutánea de válvula aórtica es el nuevo tratamiento estándar?. <i>Revista Española De Cardiología</i> , 2013 , 66, 765-767	1.5	8
21	Complete revascularization is not a prerequisite for success in current transcatheter aortic valve implantation practice. <i>JACC: Cardiovascular Interventions</i> , 2013 , 6, 867-75	5	89
20	Transcatheter aortic valve replacement in Europe: adoption trends and factors influencing device utilization. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 210-219	15.1	159
19	Trends in outcome after transfemoral transcatheter aortic valve implantation. <i>American Heart Journal</i> , 2013 , 165, 183-92	4.9	42

18	Traumatic coronary artery dissection: potential cause of sudden death in soccer. <i>Circulation</i> , 2013 , 127, e280-2	16.7	10
17	Histopathology of embolic debris captured during transcatheter aortic valve replacement. <i>Circulation</i> , 2013 , 127, 2194-201	16.7	156
16	Intravascular ultrasound-guided stenting of left main stem dissection after Medtronic Corevalve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2013 , 82, 240-4	2.7	2
15	Response to letter regarding article, "Histopathology of embolic debris captured during transcatheter aortic valve replacement". <i>Circulation</i> , 2013 , 128, e478-9	16.7	1
14	Personal Experience with Bioresorbable Scaffolds in Bifurcations. <i>Interventional Cardiology Review</i> , 2013 , 8, 93-95	4.2	
13	Persistent annual permanent pacemaker implantation rate after surgical aortic valve replacement in patients with severe aortic stenosis. <i>Annals of Thoracic Surgery</i> , 2012 , 94, 1143-9	2.7	41
12	Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus document. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1438-54	15.1	1306
11	Incidence, predictors, and implications of access site complications with transfemoral transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , 2012 , 110, 1361-7	3	174
10	Incidence, timing, and predictors of valve dislodgment during TAVI with the Medtronic Corevalve System. <i>Catheterization and Cardiovascular Interventions</i> , 2012 , 79, 726-32	2.7	29
9	Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus document. <i>European Heart Journal</i> , 2012 , 33, 2403-18	9.5	706
8	Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus document (VARC-2). <i>European Journal of Cardio-thoracic Surgery</i> , 2012 , 42, S45-60	3	554
7	Completely percutaneous transcatheter aortic valve implantation through transaxillary route: an evolving concept. <i>EuroIntervention</i> , 2012 , 7, 1340-2	3.1	15
6	The SURTAVI model: proposal for a pragmatic risk stratification for patients with severe aortic stenosis. <i>EuroIntervention</i> , 2012 , 8, 258-66	3.1	43
5	Timing and potential mechanisms of new conduction abnormalities during the implantation of the Medtronic CoreValve System in patients with aortic stenosis. <i>European Heart Journal</i> , 2011 , 32, 2067-74	9.5	135
4	Prevalence and prognostic implications of baseline anaemia in patients undergoing transcatheter aortic valve implantation. <i>EuroIntervention</i> , 2011 , 7, 184-91	3.1	56
3	Transcatheter indirect mitral annuloplasty with the PTMA system: a technical report. <i>EuroIntervention</i> , 2011 , 7, 164-9	3.1	1
2	Anatomy of the mitral valvular complex and its implications for transcatheter interventions for mitral regurgitation. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 617-26	15.1	74
1	Limitations of Transcatheter Heart Valve Replacement Depth Assessment by Invasive Angiography and Multi-Detector Computed Tomography Analysis. <i>Structural Heart</i> , 1-3	0.6	

