Nicolas M Van Mieghem

List of Publications by Year
in descending order

314 papers	15,401 citations	38742 50 h-index	20358 116 g-index
317 all docs	317 docs citations	317 times ranked	9124 citing authors

#	Article	IF	Citations
1	Surgical or Transcatheter Aortic-Valve Replacement in Intermediate-Risk Patients. New England Journal of Medicine, 2017, 376, 1321-1331.	27.0	2,249
2	Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus document (VARC-2). European Journal of Cardio-thoracic Surgery, 2012, 42, S45-S60.	1.4	1,605
3	Updated Standardized Endpoint Definitions for Transcatheter Aortic Valve Implantation. Journal of the American College of Cardiology, 2012, 60, 1438-1454.	2.8	1,560
4	Updated standardized endpoint definitions for transcatheter aortic valve implantation: the Valve Academic Research Consortium-2 consensus documentâ€. European Heart Journal, 2012, 33, 2403-2418.	2.2	900
5	Valve Academic Research Consortium 3: Updated Endpoint Definitions for AorticÂValve Clinical Research. Journal of the American College of Cardiology, 2021, 77, 2717-2746.	2.8	416
6	Valve Academic Research Consortium 3: updated endpoint definitions for aortic valve clinical research. European Heart Journal, 2021, 42, 1825-1857.	2.2	342
7	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. European Heart Journal, 2017, 38, 3124-3134.	2.2	244
8	Annual number of candidates for transcatheter aortic valve implantation per country: current estimates and future projections. European Heart Journal, 2018, 39, 2635-2642.	2.2	234
9	Incidence, Predictors, and Implications of Access Site Complications With Transfemoral Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2012, 110, 1361-1367.	1.6	210
10	Transcatheter Aortic Valve Replacement inÂPure Native Aortic Valve Regurgitation. Journal of the American College of Cardiology, 2017, 70, 2752-2763.	2.8	207
11	Histopathology of Embolic Debris Captured During Transcatheter Aortic Valve Replacement. Circulation, 2013, 127, 2194-2201.	1.6	204
12	Transcatheter Aortic Valve Replacement in Europe. Journal of the American College of Cardiology, 2013, 62, 210-219.	2.8	199
13	Reduced Leaflet Motion after Transcatheter Aortic-Valve Replacement. New England Journal of Medicine, 2020, 382, 130-139.	27.0	194
14	Delayed Coronary Obstruction After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2018, 71, 1513-1524.	2.8	170
15	Filter-based cerebral embolic protection with transcatheter aortic valve implantation: the randomised MISTRAL-C trial. EuroIntervention, 2016, 12, 499-507.	3.2	170
16	Timing and potential mechanisms of new conduction abnormalities during the implantation of the Medtronic CoreValve System in patients with aortic stenosis. European Heart Journal, 2011, 32, 2067-2074.	2.2	163
17	Incidence and Predictors of Debris Embolizing to the Brain During Transcatheter Aortic Valve Implantation. JACC: Cardiovascular Interventions, 2015, 8, 718-724.	2.9	161
18	Edoxaban versus Vitamin K Antagonist for Atrial Fibrillation after TAVR. New England Journal of Medicine, 2021, 385, 2150-2160.	27.0	144

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19	Rationale and design of the Transcatheter Aortic Valve Replacement to UNload the Left ventricle in patients with ADvanced heart failure (TAVR UNLOAD) trial. American Heart Journal, 2016, 182, 80-88.	2.7	142
20	Repeat Transcatheter Aortic Valve Replacement for Transcatheter Prosthesis Dysfunction. Journal of the American College of Cardiology, 2020, 75, 1882-1893.	2.8	140
21	Bicuspid Aortic Valve Anatomy and Relationship With Devices: The BAVARD Multicenter Registry. Circulation: Cardiovascular Interventions, 2019, 12, e007107.	3.9	125
22	Invasive left ventricle pressureâ€“volume analysis: overview and practical clinical implications. European Heart Journal, 2020, 41, 1286-1297.	2.2	124
23	Optimal Implantation Depth and Adherence to Guidelines on Permanent Pacing to Improve the Results of Transcatheter Aortic Valve Replacement With the Medtronic CoreValve System. JACC: Cardiovascular Interventions, 2015, 8, 837-846.	2.9	123
24	Prognostic Implications of Moderate AorticÂStenosis in Patients With LeftÂVentricular SystolicÂDysfunction. Journal of the American College of Cardiology, 2017, 69, 2383-2392.	2.8	122
25	Complete Revascularization Is NotÂa Prerequisite for Success in Current Transcatheter Aortic Valve ImplantationÂPractice. JACC: Cardiovascular Interventions, 2013, 6, 867-875.	2.9	105
26	OCT Assessment of the Long-Term Vascular Healing Response 5 Years AfterÂEverolimus-Eluting BioresorbableÂVascular Scaffold. Journal of the American College of Cardiology, 2014, 64, 2343-2356.	2.8	101
27	Anatomy of the Mitral Valvular Complex and Its Implications for Transcatheter Interventions for Mitral Regurgitation. Journal of the American College of Cardiology, 2010, 56, 617-626.	2.8	99
28	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
29	Percutaneous Plug-Based Arteriotomy Closure Device for Large-Bore Access. JACC: Cardiovascular Interventions, 2017, 10, 613-619.	2.9	93
30	Angiographic and Optical Coherence Tomography Insights Into Bioresorbable Scaffold Thrombosis. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	90
31	Acute and 30-Day Outcomes in WomenÂAfter TAVR. JACC: Cardiovascular Interventions, 2016, 9, 1589-1600.	2.9	85
32	Outcomes of Redo Transcatheter Aortic Valve Replacement for the Treatment of Postprocedural and Late Occurrence of Paravalvular Regurgitation and Transcatheter Valve Failure. Circulation: Cardiovascular Interventions, 2016, 9, .	3.9	83
33	Meta-Analysis of Predictors of All-Cause Mortality After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2014, 114, 1447-1455.	1.6	82
34	1-Year Clinical Outcomes in Women After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 1-12.	2.9	77
35	MitraClip in secondary mitral regurgitation as a bridge to heart transplantation: 1-year outcomes from the International MitraBridge Registry. Journal of Heart and Lung Transplantation, 2020, 39, 1353-1362.	0.6	75
36	Safety and efficacy of a repositionable and fully retrievable aortic valve used in routine clinical practice: the RESPOND Study. European Heart Journal, 2017, 38, 3359-3366.	2.2	68

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37	Suture- or Plug-Based Large-Bore Arteriotomy Closure. JACC: Cardiovascular Interventions, 2021, 14, 149-157.	2.9	68
38	Silent cerebral injury after transcatheter aortic valve implantation and the preventive role of embolic protection devices: A systematic review and meta-analysis. International Journal of Cardiology, 2016, 221, 97-106.	1.7	66
39	Transapical Versus Transfemoral Aortic Valve Implantation: A Multicenter Collaborative Study. Annals of Thoracic Surgery, 2014, 97, 22-28.	1.3	64
40	Incidence, predictors and clinical outcomes of residual stenosis after aortic valve-in-valve. Heart, 2018, 104, 828-834.	2.9	64
41	Transcatheter Replacement of Transcatheter Versus Surgically Implanted AorticÂValveÂBioprostheses. Journal of the American College of Cardiology, 2021, 77, 1-14.	2.8	64
42	Clinical Characteristics and Management of Coronary Artery Perforations: A Singleâ€Center 11â€Year Experience and Practical Overview. Journal of the American Heart Association, 2017, 6, .	3.7	63
43	Edoxaban Versus standard of care and their effects on clinical outcomes in patients having undergone Transcatheter Aortic Valve Implantation in Atrial Fibrillationâ€"Rationale and design of the ENVISAGE-TAVI AF trial. American Heart Journal, 2018, 205, 63-69.	2.7	62
44	Expanding the indications for transcatheter aortic valve implantation. Nature Reviews Cardiology, 2020, 17, 75-84.	13.7	61
45	Prevalence and prognostic implications of baseline anaemia in patients undergoing transcatheter aortic valve implantation. EuroIntervention, 2011, 7, 184-191.	3.2	61
46	The Rotterdam Radial Access Research. Circulation: Cardiovascular Interventions, 2016, 9, e003129.	3.9	59
47	Transcatheter Aortic Valve ReplacementÂWith Next-Generation Self-Expanding Devices. JACC: Cardiovascular Interventions, 2019, 12, 433-443.	2.9	59
48	Managing Patients With Short-Term Mechanical Circulatory Support. Journal of the American College of Cardiology, 2021, 77, 1243-1256.	2.8	57
49	1-Year Outcomes With the Evolut R Self-Expanding Transcatheter Aortic Valve. JACC: Cardiovascular Interventions, 2018, 11, 2326-2334.	2.9	55
50	Transcatheter Self-Expandable Valve Implantation for Aortic Stenosis in SmallÂAortic Annuli. JACC: Cardiovascular Interventions, 2020, 13, 196-206.	2.9	54
51	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
52	Persistent Annual Permanent Pacemaker Implantation Rate After Surgical Aortic Valve Replacement in Patients With Severe Aortic Stenosis. Annals of Thoracic Surgery, 2012, 94, 1143-1149.	1.3	53
53	Fluoroscopic Anatomy of Left-Sided Heart Structures for Transcatheter Interventions. JACC: Cardiovascular Interventions, 2014, 7, 947-957.	2.9	52
54	The SURTAVI model: proposal for a pragmatic risk stratification for patients with severe aortic stenosis. EuroIntervention, 2012, 8, 258-266.	3.2	52

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55	Arterial Remodeling After Bioresorbable Scaffolds and Metallic Stents. Journal of the American College of Cardiology, 2017, 70, 60-74.	2.8	51
56	Trends in outcome after transfemoral transcatheter aortic valve implantation. American Heart Journal, 2013, 165, 183-192.	2.7	49
57	Usefulness of Transcatheter Aortic Valve Implantation for Treatment of Pure Native Aortic Valve Regurgitation. American Journal of Cardiology, 2018, 122, 1028-1035.	1.6	47
58	Angiography-Derived Fractional Flow Reserve in the SYNTAX II Trial. JACC: Cardiovascular Interventions, 2019, 12, 259-270.	2.9	46
59	The MANTA Vascular Closure Device. JACC: Cardiovascular Interventions, 2016, 9, 1195-1196.	2.9	43
60	The ACRA Anatomy Study (Assessment of Disability After Coronary Procedures Using Radial Access). Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	43
61	The DELTA 2 Registry. JACC: Cardiovascular Interventions, 2017, 10, 2401-2410.	2.9	41
62	Evaluation of Microvascular Injury in Revascularized Patients With ST-Segmentâ€“Elevation Myocardial Infarction Treated With Ticagrelor Versus Prasugrel. Circulation, 2019, 139, 636-646.	1.6	40
63	Predictors and Clinical Impact of Prosthesis-Patient Mismatch After Self-Expandable TAVR in Small Annuli. JACC: Cardiovascular Interventions, 2021, 14, 1218-1228.	2.9	40
64	Cause of death after transcatheter aortic valve implantation. Catheterization and Cardiovascular Interventions, 2014, 83, E277-82.	1.7	39
65	Validation of Resting Diastolic Pressure Ratio Calculated by a Novel Algorithm and Its Correlation With Distal Coronary Artery Pressure to Aortic Pressure, Instantaneous Waveâ€“Free Ratio, and Fractional Flow Reserve. Circulation: Cardiovascular Interventions, 2018, 11, e006911.	3.9	39
66	Routine Fractional Flow Reserve Measurement After Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2019, 12, e007428.	3.9	39
67	Explanation of Postprocedural Fractional Flow Reserve Below 0.85. Circulation: Cardiovascular Interventions, 2019, 12, e007030.	3.9	39
68	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. International Journal of Cardiology, 2019, 276, 48-52.	1.7	39
69	Invasive Right Ventricular Pressure-Volume Analysis: Basic Principles, Clinical Applications, and Practical Recommendations. Circulation: Heart Failure, 2022, 15, CIRCHEARTFAILURE121009101.	3.9	39
70	Prognostic Value of IntravascularÂUltrasound in PatientsÂWithÂCoronary Artery Disease. Journal of the American College of Cardiology, 2018, 72, 2003-2011.	2.8	38
71	Atrial fibrillation reduction by renal sympathetic denervation: 12 monthsâ€™ results of the AFFORD study. Clinical Research in Cardiology, 2019, 108, 634-642.	3.3	38
72	Joint EAPCI/ACVC expert consensus document on percutaneous ventricular assist devices. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 570-583.	1.0	38

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73	Primary intra-aortic balloon support versus inotropes for decompensated heart failure and low output: a randomised trial. EuroIntervention, 2019, 15, 586-593.	3.2	38
74	Vessel fractional flow reserve (vFFR) for the assessment of stenosis severity: the FAST II study. EuroIntervention, 2022, 17, 1498-1505.	3.2	38
75	Importance of the left ventricular outflow tract in the need for pacemaker implantation after transcatheter aortic valve replacement. International Journal of Cardiology, 2016, 216, 9-15.	1.7	36
76	Transcatheter Heart Valve Selection and Permanent Pacemaker Implantation in Patients With Preâ€Existent Right Bundle Branch Block. Journal of the American Heart Association, 2017, 6, .	3.7	35
77	Incidence, timing, and predictors of valve dislodgment during TAVI with the medtronic corevalve system. Catheterization and Cardiovascular Interventions, 2012, 79, 726-732.	1.7	34
78	Moderate Aortic Stenosis and Heart Failure With Reduced Ejection Fraction. JACC: Cardiovascular Imaging, 2019, 12, 172-184.	5.3	34
79	Natural History of Asymptomatic Severe Aortic Stenosis and the Association of Early Intervention With Outcomes. JAMA Cardiology, 2020, 5, 1102.	6.1	34
80	Coronary lithoplasty: a novel treatment for stent underexpansion. European Heart Journal, 2019, 40, 221-221.	2.2	32
81	Effect of Transcatheter Aortic Valve Replacement on Concomitant Mitral Regurgitation andÂItsÂImpact on Mortality. JACC: Cardiovascular Interventions, 2021, 14, 1181-1192.	2.9	31
82	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
83	The Effect of Transradial Coronary Catheterization on Upper Limb Function. JACC: Cardiovascular Interventions, 2015, 8, 515-523.	2.9	29
84	Design and rationale of haemodynamic guidance with CardioMEMS in patients with a left ventricular assist device: the HEMOâ€VAD pilot study. ESC Heart Failure, 2019, 6, 194-201.	3.1	29
85	Transcatheter Treatment of Residual Significant Mitral Regurgitation Following TAVR. JACC: Cardiovascular Interventions, 2020, 13, 2782-2791.	2.9	29
86	Matched Comparison of Self-Expanding Transcatheter Heart Valves for the Treatment of Failed Aortic Surgical Bioprosthesis. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	28
87	Relation between calcium burden, echocardiographic stent frame eccentricity and paravalvular leakage after corevalve transcatheter aortic valve implantation. European Heart Journal Cardiovascular Imaging, 2017, 18, 648-653.	1.2	28
88	Complete filterâ€based cerebral embolic protection with transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2018, 91, 790-797.	1.7	28
89	Intravascular ultrasound-guided versus coronary angiography-guided percutaneous coronary intervention in patients with acute myocardial infarction: A systematic review and meta-analysis. International Journal of Cardiology, 2022, 353, 35-42.	1.7	28
90	Coronary lithotripsy for the treatment of underexpanded stents: the international multicentre CRUNCH registry. EuroIntervention, 2022, 18, 574-581.	3.2	28

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91	Impact of Mixed Aortic Valve Stenosis on <scp>VARC</scp>â€2 Outcomes and Postprocedural Aortic Regurgitation in Patients Undergoing Transcatheter Aortic Valve Implantation. Catheterization and Cardiovascular Interventions, 2015, 86, 875-885.	1.7	27
92	Diagnosis and management of aortic valve stenosis in patients with heart failure. European Journal of Heart Failure, 2016, 18, 469-481.	7.1	27
93	Right ventricular systolic function in patients undergoing transcatheter aortic valve implantation: A systematic review and meta-analysis. International Journal of Cardiology, 2018, 257, 40-45.	1.7	27
94	Neurological Complications AfterÂTranscatheter Versus Surgical Aortic Valve Replacement in Intermediate-Risk Patients. Journal of the American College of Cardiology, 2018, 72, 2109-2119.	2.8	27
95	Patient-specific computer simulation for transcatheter cardiac interventions: what a clinician needs to know. Heart, 2019, 105, s21-s27.	2.9	27
96	Effect of Prehospital Crushed Prasugrel Tablets in Patients With ST-Segmentâ€“Elevation Myocardial Infarction Planned for Primary Percutaneous Coronary Intervention. Circulation, 2020, 142, 2316-2328.	1.6	26
97	Intra-Aortic Balloon Pumping in Acute Decompensated Heart Failure With Hypoperfusion: From Pathophysiology to Clinical Practice. Circulation: Heart Failure, 2021, 14, e008527.	3.9	26
98	Dedicated plug based closure for large bore access â€“The MARVEL prospective registry. Catheterization and Cardiovascular Interventions, 2021, 97, 1270-1278.	1.7	24
99	Quantitative Assessment of Acute Regurgitation Following TAVR. JACC: Cardiovascular Interventions, 2020, 13, 1303-1311.	2.9	23
100	Predictors of pacemaker implantation after transcatheter aortic valve implantation according to kind of prosthesis and risk profile: a systematic review and contemporary meta-analysis. European Heart Journal Quality of Care & Clinical Outcomes, 2021, 7, 143-153.	4.0	23
101	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
102	Generalized pairwise comparison methods to analyze (non)prioritized composite endpoints. Statistics in Medicine, 2019, 38, 5641-5656.	1.6	22
103	Impact of coronary artery disease and percutaneous coronary intervention in women undergoing transcatheter aortic valve replacement: From the WINâ€TAVI registry. Catheterization and Cardiovascular Interventions, 2019, 93, 1124-1131.	1.7	22
104	Patient-Specific Computer Simulation inÂTAVR With the Self-Expanding EvolutÂR Valve. JACC: Cardiovascular Interventions, 2020, 13, 1803-1812.	2.9	22
105	The PulseCath iVAC 2L left ventricular assist device: conversion to a percutaneous transfemoral approach. EuroIntervention, 2015, 11, 835-839.	3.2	22
106	Circulatory support using the impella device in fontan patients with systemic ventricular dysfunction: A multicenter experience. Catheterization and Cardiovascular Interventions, 2017, 90, 118-123.	1.7	21
107	Timing of coronary angiography in survivors of out-of-hospital cardiac arrest without obvious extracardiac causes. Resuscitation, 2018, 123, 98-104.	3.0	21
108	Heart Team decision making and long-term outcomes for 1000 consecutive cases of coronary artery disease. Interactive Cardiovascular and Thoracic Surgery, 2019, 28, 206-213.	1.1	21

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109	Use of a Repositionable and FullyÂRetrievable Aortic Valve in RoutineÂClinical Practice. JACC: Cardiovascular Interventions, 2019, 12, 38-49.	2.9	21
110	Relation Between Clinical Best Practices and 6-Month Outcomes After Transcatheter Aortic Valve Implantation With CoreValve (from the ADVANCE II Study). American Journal of Cardiology, 2017, 119, 84-90.	1.6	20
111	Design and principle of operation of the HeartMate PHP (percutaneous heart pump). EuroIntervention, 2018, 13, 1662-1666.	3.2	20
112	Isolated left ventricular failure is a predictor of poor outcome in patients receiving venoâ€arterial extracorporeal membrane oxygenation. European Journal of Heart Failure, 2017, 19, 104-109.	7.1	19
113	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. American Heart Journal, 2019, 213, 66-72.	2.7	19
114	Mechanical Support in Early Cardiogenic Shock: What Is the Role of Intra-aortic Balloon Counterpulsation?. Current Heart Failure Reports, 2020, 17, 247-260.	3.3	19
115	Complete 2-Year Results Confirm Bayesian Analysis of the SURTAVI Trial. JACC: Cardiovascular Interventions, 2020, 13, 323-331.	2.9	19
116	Impact of Valvulo-Arterial Impedance on Long-Term Quality of Life and Exercise Performance After Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2020, 13, e008372.	3.9	19
117	Improving PCI Outcomes Using Postprocedural Physiology and Intravascular Imaging. JACC: Cardiovascular Interventions, 2021, 14, 2415-2430.	2.9	19
118	Prediction of paravalvular leakage after transcatheter aortic valve implantation. International Journal of Cardiovascular Imaging, 2015, 31, 1461-1468.	1.5	18
119	Impact of Baseline Atrial Fibrillation on Outcomes Among Women Who Underwent Contemporary Transcatheter Aortic Valve Implantation (from the Win-TAVI Registry). American Journal of Cardiology, 2018, 122, 1909-1916.	1.6	18
120	Prevalence, predictors, and outcomes of patient prosthesis mismatch in women undergoing <scp>TAVI</scp> for severe aortic stenosis: Insights from the <scp>WINâ€TAVI</scp> registry. Catheterization and Cardiovascular Interventions, 2021, 97, 516-526.	1.7	17
121	The Role of Automated 3D Echocardiography for Left Ventricular Ejection Fraction Assessment. Cardiac Failure Review, 2017, 3, 97.	3.0	17
122	Impact of membranous septum length on pacemaker need with different transcatheter aortic valve replacement systems: The INTERSECT registry. Journal of Cardiovascular Computed Tomography, 2022, 16, 524-530.	1.3	17
123	Current status of clinically available bioresorbable scaffolds in percutaneous coronary interventions. Netherlands Heart Journal, 2015, 23, 153-160.	0.8	16
124	Postoperative analysis of the mechanical interaction between stent and host tissue in patients after transcatheter aortic valve implantation. Journal of Biomechanics, 2017, 53, 15-21.	2.1	16
125	First-Line Support by Intra-Aortic Balloon Pump in Non-Ischaemic Cardiogenic Shock in the Era of Modern Ventricular Assist Devices. Cardiology, 2017, 138, 1-8.	1.4	16
126	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. European Heart Journal Cardiovascular Imaging, 2018, 19, 157-167.	1.2	16

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127	Computed Tomographyâ€“Derived 3DÂModeling to Guide Sizing and Planning of Transcatheter Mitral Valve Interventions. JACC: Cardiovascular Imaging, 2021, 14, 1644-1658.	5.3	16
128	Accuracy of an automated transthoracic echocardiographic tool for 3D assessment of left heart chamber volumes. Echocardiography, 2017, 34, 199-209.	0.9	15
129	Patient-specific computer modelling â€“ its role in the planning of transcatheter aortic valve implantation. Netherlands Heart Journal, 2017, 25, 100-105.	0.8	15
130	Early Clinical Impact of Cerebral Embolic Protection in Patients Undergoing Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2019, 12, e007605.	3.9	15
131	Clinical outcomes of the Lotus Valve in patients with bicuspid aortic valve stenosis: An analysis from the RESPOND study. Catheterization and Cardiovascular Interventions, 2019, 93, 1116-1123.	1.7	15
132	Impact of Predilatation Prior to Transcatheter Aortic Valve Implantation With the Self-Expanding Acurate neo Device (from the Multicenter NEOPRO Registry). American Journal of Cardiology, 2020, 125, 1369-1377.	1.6	15
133	Artificial Intelligence and Transcatheter Interventions for Structural Heart Disease: A glance at the (near) future. Trends in Cardiovascular Medicine, 2022, 32, 153-159.	4.9	15
134	Current decision making and short-term outcome in patients with degenerative aortic stenosis: the Pooled-RotterdAm-Milano-Toulouse In Collaboration Aortic Stenosis survey. EuroIntervention, 2016, 11, e1305-e1313.	3.2	15
135	Completely percutaneous transcatheter aortic valve implantation through transaxillary route: an evolving concept. EuroIntervention, 2012, 7, 1340-1342.	3.2	15
136	Transcatheter aortic valve replacement and vascular complications definitions. EuroIntervention, 2014, 9, 1317-1322.	3.2	15
137	Traumatic Coronary Artery Dissection. Circulation, 2013, 127, e280-2.	1.6	14
138	Importance of Contrast Aortography WithÂLotus Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 119-128.	2.9	14
139	Safety of Endomyocardial Biopsy in New-Onset Acute Heart Failure Requiring Veno-Arterial Extracorporeal Membrane Oxygenation. Circulation: Heart Failure, 2021, 14, e008387.	3.9	14
140	Comparison of clinical outcomes between Magmaris and Orsiro drug eluting stent at 12â€¯months: Pooled patient level analysis from BIOSOLVE IIâ€“III and BIOFLOW II trials. International Journal of Cardiology, 2020, 300, 60-65.	1.7	13
141	The impact of chronic kidney disease in women undergoing transcatheter aortic valve replacement: Analysis from the Women's INternational Transcatheter Aortic Valve Implantation (WINâ€TAVI) registry. Catheterization and Cardiovascular Interventions, 2020, 96, 198-207.	1.7	13
142	Simplified Trans-Axillary Aortic Valve Replacement Under Local Anesthesia â€“ A Single-Center Early Experience. Cardiovascular Revascularization Medicine, 2021, 23, 7-13.	0.8	13
143	Impact of Interventricular membranous septum length on pacemaker need with different Transcatheter aortic valve implantation systems. International Journal of Cardiology, 2021, 333, 152-158.	1.7	13
144	Transcatheter Aortic Valve Replacement for Degenerated Transcatheter Aortic Valves: The TRANSIT International Project. Circulation: Cardiovascular Interventions, 2021, 14, e010440.	3.9	13

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145	Safety and feasibility of hemodynamic pulmonary artery pressure monitoring using the CardioMEMS device in LVAD management. Journal of Cardiac Surgery, 2021, 36, 3271-3280.	0.7	13
146	Transcatheter Edge-to-Edge Repair in Proportionate Versus Disproportionate Functional Mitral Regurgitation. Journal of the American Society of Echocardiography, 2022, 35, 105-115.e8.	2.8	13
147	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. EuroIntervention, 2020, 16, 833-841.	3.2	13
148	Computed tomography optimised fluoroscopy guidance for transcatheter mitral therapies. EuroIntervention, 2016, 11, 1428-1431.	3.2	13
149	Considerations and Recommendations for the Introduction of Objective Performance Criteria for Transcatheter Aortic Heart Valve Device Approval. Circulation, 2016, 133, 2086-2093.	1.6	12
150	Revascularization Options. Heart Failure Clinics, 2016, 12, 135-139.	2.1	12
151	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. JAMA Cardiology, 2019, 4, 810.	6.1	12
152	Transcatheter Aortic Valve Replacement Outcomes in Patients With Native vs Transplanted Kidneys: Data From an International Multicenter Registry. Canadian Journal of Cardiology, 2019, 35, 1114-1123.	1.7	12
153	Predictors for Clinical Outcome of Untreated Stent Edge Dissections as Detected by Optical Coherence Tomography. Circulation: Cardiovascular Interventions, 2020, 13, e008685.	3.9	12
154	PulseCath iVAC2L: next-generation pulsatile mechanical circulatory support. Future Cardiology, 2020, 16, 103-112.	1.2	12
155	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. American Heart Journal, 2020, 224, 10-16.	2.7	12
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