

# Danny Dvir

## List of Publications by Year in descending order

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257  
papers

13,054  
citations

18436

62  
h-index

27345

106  
g-index

310  
all docs

310  
docs citations

310  
times ranked

6828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcatheter Aortic Valve Implantation in Failed Bioprosthetic Surgical Valves. JAMA - Journal of the American Medical Association, 2014, 312, 162.	3.8	762
2	Transcatheter Aortic Valve Replacement for Degenerative Bioprosthetic Surgical Valves. Circulation, 2012, 126, 2335-2344.	1.6	528
3	Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus Tricuspid Aortic Valve Stenosis. Journal of the American College of Cardiology, 2017, 69, 2579-2589.	1.2	356
4	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. Circulation, 2018, 137, 388-399.	1.6	350
5	1-Year Outcomes of Transcatheter Mitral Valve Replacement in Patients With Severe Mitral Annular Calcification. Journal of the American College of Cardiology, 2018, 71, 1841-1853.	1.2	288
6	Transcatheter Aortic Valve Replacement in Bicuspid Aortic Valve Disease. Journal of the American College of Cardiology, 2014, 64, 2330-2339.	1.2	280
7	Transcatheter Aortic Valve Implantation Within Degenerated Aortic Surgical Bioprostheses. Journal of the American College of Cardiology, 2017, 69, 2253-2262.	1.2	271
8	Incidence, predictors, and clinical outcomes of coronary obstruction following transcatheter aortic valve replacement for degenerative bioprosthetic surgical valves: insights from the VIVID registry. European Heart Journal, 2018, 39, 687-695.	1.0	269
9	Transcatheter Mitral Valve Replacement in Native Mitral Valve Disease With Severe Mitral Annular Calcification. JACC: Cardiovascular Interventions, 2016, 9, 1361-1371.	1.1	257
10	Infective Endocarditis After Transcatheter Aortic Valve Implantation. Circulation, 2015, 131, 1566-1574.	1.6	227
11	Predicting LVOT Obstruction in Transcatheter Mitral Valve Implantation. JACC: Cardiovascular Imaging, 2017, 10, 482-485.	2.3	213
12	Coronary Obstruction in Transcatheter Aortic Valve-in-Valve Implantation. Circulation: Cardiovascular Interventions, 2015, 8, .	1.4	202
13	Clinical implications of new-onset left bundle branch block after transcatheter aortic valve replacement: analysis of the PARTNER experience. European Heart Journal, 2014, 35, 1599-1607.	1.0	183
14	Revisiting Sex Equality With Transcatheter Aortic Valve Replacement Outcomes. Journal of the American College of Cardiology, 2015, 66, 221-228.	1.2	183
15	The BASILICA Trial. JACC: Cardiovascular Interventions, 2019, 12, 1240-1252.	1.1	183
16	Transcatheter Laceration of Aortic Leaflets to Prevent Coronary Obstruction During Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 677-689.	1.1	180
17	The Vancouver 3M (Multidisciplinary, Multimodality, But Minimalist) Clinical Pathway Facilitates Safe Next-Day Discharge Home at Low-, Medium-, and High-Volume Transfemoral Transcatheter Aortic Valve Replacement Centers. JACC: Cardiovascular Interventions, 2019, 12, 459-469.	1.1	179
18	Transcatheter Aortic Valve Replacement With Early- and New-Generation Devices in Bicuspid Aortic Valve Stenosis. Journal of the American College of Cardiology, 2016, 68, 1195-1205.	1.2	177

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19	A Bicuspid Aortic Valve Imaging Classification for the TAVR Era. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1145-1158.	2.3	174
20	Bioprosthetic Valve Fracture Improves the Hemodynamic Results of Valve-in-Valve Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	1.4	173
21	Delayed Coronary Obstruction After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1513-1524.	1.2	170
22	Transcatheter Tricuspid Valve-in-Valve Implantation for the Treatment of Dysfunctional Surgical Bioprosthetic Valves. <i>Circulation</i> , 2016, 133, 1582-1593.	1.6	169
23	Multimodality Imaging in the Context of Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1191-1208.	2.3	158
24	Bicuspid Aortic Valve Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 817-824.	1.1	147
25	Thirty-Day Outcomes of Transcatheter Mitral Valve Replacement for Degenerated Mitral Bioprostheses (Valve-in-Valve), Failed Surgical Rings (Valve-in-Ring), and Native Valve With Severe Mitral Annular Calcification (Valve-in-Mitral Annular Calcification) in the United States. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008425.	1.4	146
26	Comparison of vascular closure devices for access site closure after transfemoral aortic valve implantation. <i>European Heart Journal</i> , 2015, 36, 3370-3379.	1.0	133
27	Incidence and predictors of acute kidney injury after transcatheter aortic valve replacement. <i>American Heart Journal</i> , 2012, 163, 1031-1036.	1.2	131
28	Advanced chronic kidney disease in patients undergoing transcatheter aortic valve implantation: insights on clinical outcomes and prognostic markers from a large cohort of patients. <i>European Heart Journal</i> , 2014, 35, 2685-2696.	1.0	130
29	Transcatheter Aortic and Mitral Valve-in-Valve Implantation for Failed Surgical Bioprosthetic Valves. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1735-1744.	1.1	130
30	First-in-Man Experience of a Novel Transcatheter Repair System for Treating Severe Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2475-2483.	1.2	129
31	Vancouver Transcatheter Aortic Valve Replacement Clinical Pathway. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016, 9, 312-321.	0.9	124
32	Bioprosthetic Valve Fracture to Facilitate Transcatheter Valve-in-Valve Implantation. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1501-1508.	0.7	124
33	3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2647-2655.	1.2	123
34	Incidence and Severity of Paravalvular Aortic Regurgitation With Multidetector Computed Tomography Nominal Area Oversizing or Undersizing After Transcatheter Heart Valve Replacement With the Sapien 3. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 462-471.	1.1	122
35	Predictors and Course of High-Degree Atrioventricular Block After Transcatheter Aortic Valve Implantation Using the CoreValve Revalving system. <i>American Journal of Cardiology</i> , 2011, 108, 1600-1605.	0.7	115
36	A simplified D-shaped model of the mitral annulus to facilitate CT-based sizing before transcatheter mitral valve implantation. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 459-467.	0.7	113

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37	Preventing Coronary Obstruction During Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2019, 12, 1197-1216.	1.1	112
38	Mitral Annular Evaluation With CT in the Context of Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Imaging, 2015, 8, 612-615.	2.3	105
39	Transcatheter Replacement of Failed Bioprosthetic Valves. Circulation: Cardiovascular Interventions, 2016, 9, .	1.4	104
40	Transcatheter Aortic Valve Replacement for Bioprosthetic Aortic Valve Failure. Circulation, 2013, 127, 2542-2550.	1.6	103
41	Transcatheter aortic valve replacement with new-generation devices: A systematic review and meta-analysis. International Journal of Cardiology, 2017, 245, 83-89.	0.8	100
42	Outcomes of Patients With Chronic Lung Disease and Severe Aortic Stenosis Treated With Transcatheter Versus Surgical Aortic Valve Replacement or Standard Therapy. Journal of the American College of Cardiology, 2014, 63, 269-279.	1.2	99
43	Impact of low-profile sheaths on vascular complications during transfemoral transcatheter aortic valve replacement. EuroIntervention, 2013, 9, 929-935.	1.4	98
44	Long-term outcomes after transcatheter aortic valve implantation in failed bioprosthetic valves. European Heart Journal, 2020, 41, 2731-2742.	1.0	97
45	Transcatheter Tricuspid Valve Repair With a New Transcatheter Coaptation System for the Treatment of Severe Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2017, 10, 1994-2003.	1.1	96
46	Transcatheter Mitral Valve Replacement After Surgical Repair or Replacement. Circulation, 2021, 143, 104-116.	1.6	94
47	The impact of calcium volume and distribution in aortic root injury related to balloon-expandable transcatheter aortic valve replacement. Journal of Cardiovascular Computed Tomography, 2015, 9, 382-392.	0.7	91
48	Impact of Pre-Existing Prosthesis-Patient Mismatch on Survival Following Aortic Valve-in-Valve Procedures. JACC: Cardiovascular Interventions, 2018, 11, 133-141.	1.1	91
49	Chimney Stenting for Coronary Occlusion During TAVR. JACC: Cardiovascular Interventions, 2020, 13, 751-761.	1.1	90
50	Mid-Term Valve-Related Outcomes After Transcatheter Tricuspid Valve-in-Valve or Valve-in-Ring Replacement. Journal of the American College of Cardiology, 2019, 73, 148-157.	1.2	83
51	Prevalence and impact of preoperative moderate/severe tricuspid regurgitation on patients undergoing transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2015, 85, 677-684.	0.7	82
52	Transcatheter aortic valve implantation in patients with bicuspid aortic valve: A patient level multi-center analysis. International Journal of Cardiology, 2015, 189, 282-288.	0.8	82
53	Computed tomography assessment for transcatheter aortic valve in valve implantation: The vancouver approach to predict anatomical risk for coronary obstruction and other considerations. Journal of Cardiovascular Computed Tomography, 2016, 10, 491-499.	0.7	82
54	Transcatheter Valve-in-Ring Implantation for the Treatment of Residual or Recurrent Tricuspid Valve Dysfunction After Prior Surgical Repair. JACC: Cardiovascular Interventions, 2017, 10, 53-63.	1.1	81

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55	Bioprosthetic valve fracture: Technical insights from a multicenter study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 1317-1328.e1.	0.4	81
56	Comparison of Hemodynamic Performance of the Balloon-Expandable SAPIEN 3 Versus SAPIEN XT Transcatheter Valve. <i>American Journal of Cardiology</i> , 2014, 114, 1075-1082.	0.7	79
57	Atrial Fibrillation Is Associated With Increased Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e002766.	1.4	79
58	Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 269-280.	2.3	75
59	Acquired thrombocytopenia after transcatheter aortic valve replacement: clinical correlates and association with outcomes. <i>European Heart Journal</i> , 2014, 35, 2663-2671.	1.0	71
60	Relation Between Six-Minute Walk Test Performance and Outcomes After Transcatheter Aortic Valve Implantation (from the PARTNER Trial). <i>American Journal of Cardiology</i> , 2013, 112, 700-706.	0.7	70
61	Balloon aortic valvuloplasty for severe aortic stenosis as a bridge to transcatheter/surgical aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 82, 632-637.	0.7	66
62	Incidence, predictors and clinical outcomes of residual stenosis after aortic valve-in-valve. <i>Heart</i> , 2018, 104, 828-834.	1.2	64
63	Multicenter evaluation of transcatheter aortic valve replacement using either <scp>SAPIEN XT</scp> or <scp>CoreValve</scp>: Degree of device oversizing by computed tomography and clinical outcomes. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, 508-515.	0.7	60
64	Dynamism of the aortic annulus: Effect of diastolic versus systolic CT annular measurements on device selection in transcatheter aortic valve replacement (TAVR). <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 37-43.	0.7	60
65	Underexpansion and Ad Hoc Post-Dilation in Selected Patients Undergoing Balloon-Expandable Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2014, 63, 976-981.	1.2	58
66	Transcatheter valve-in-valve versus redo surgical aortic valve replacement for the treatment of degenerated bioprosthetic aortic valve: A systematic review and meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 1404-1411.	0.7	58
67	Computed Tomography-Based Oversizing Degrees and Incidence of Paravalvular Regurgitation of a New Generation Transcatheter Heart Valve. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 810-820.	1.1	57
68	Prevalence and Effect of Myocardial Injury After Transcatheter Aortic Valve Replacement. <i>American Journal of Cardiology</i> , 2013, 111, 1337-1343.	0.7	55
69	Transcatheter Aortic Valve-in-Valve Implantation for Patients With Degenerative Surgical Bioprosthetic Valves. <i>Current Problems in Cardiology</i> , 2014, 39, 7-27.	1.1	54
70	The state of the excimer laser for coronary intervention in the drug-eluting stent era. <i>Cardiovascular Revascularization Medicine</i> , 2013, 14, 93-98.	0.3	53
71	Transcatheter Aortic Valve Replacement in Oncology Patients With Severe Aortic Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 78-86.	1.1	53
72	Clinical Valve Thrombosis After Transcatheter Aortic Valve-in-Valve Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006730.	1.4	51

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73	Effect of transcatheter aortic valve size and position on valve-in-valve hemodynamics: An in vitro study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 1303-1315.e1.	0.4	50
74	In vitro evaluation of implantation depth in valve-in-valve using different transcatheter heart valves. <i>EuroIntervention</i> , 2016, 12, 909-917.	1.4	49
75	Overexpansion of the SAPIEN 3 Transcatheter Heart Valve. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1696-1705.	1.1	48
76	Usefulness of Transcatheter Aortic Valve Implantation for Treatment of Pure Native Aortic Valve Regurgitation. <i>American Journal of Cardiology</i> , 2018, 122, 1028-1035.	0.7	47
77	Transcatheter Aortic Valve-in-Valve Implantation for Patients With Degenerative Surgical Bioprosthetic Valves. <i>Circulation Journal</i> , 2015, 79, 695-703.	0.7	46
78	Prediction of fluoroscopic angulation and coronary sinus location by CT in the context of transcatheter mitral valve implantation. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, 183-192.	0.7	46
79	Outcomes Following Transcatheter Aortic Valve Replacement for Degenerative Stentless Versus Stented Bioprostheses. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1256-1263.	1.1	46
80	Comparison of Adverse Outcomes After Contemporary Percutaneous Coronary Intervention in Women Versus Men With Acute Coronary Syndrome. <i>American Journal of Cardiology</i> , 2013, 111, 1092-1098.	0.7	41
81	Correlation of Brain Natriuretic Peptide Levels in Patients With Severe Aortic Stenosis Undergoing Operative Valve Replacement or Percutaneous Transcatheter Intervention With Clinical, Echocardiographic, and Hemodynamic Factors and Prognosis. <i>American Journal of Cardiology</i> , 2013, 112, 574-579.	0.7	40
82	Predictors and clinical implications of atrial fibrillation in patients with severe aortic stenosis undergoing transcatheter aortic valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 468-477.	0.7	40
83	CT-Defined Prosthesis "Patient Mismatch Downgrades Frequency and Severity, and Demonstrates No Association With Adverse Outcomes After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1578-1587.	1.1	40
84	Three-dimensional coronary reconstruction from routine single-plane coronary angiograms: in vivo quantitative validation. <i>International Journal of Cardiovascular Interventions</i> , 2005, 7, 141-145.	0.5	39
85	Multicenter Evaluation of Edwards SAPIEN Positioning During Transcatheter Aortic Valve Implantation With Correlates for Device Movement During Final Deployment. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 563-570.	1.1	38
86	Clinical Outcomes and Imaging Findings in Women Undergoing TAVR. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 483-493.	2.3	37
87	Blood Stasis on Transcatheter Valve Leaflets and Implications for Valve-in-Valve Leaflet Thrombosis. <i>Annals of Thoracic Surgery</i> , 2017, 104, 751-759.	0.7	36
88	Conservative, surgical, and percutaneous treatment for mitral regurgitation shortly after acute myocardial infarction. <i>European Heart Journal</i> , 2022, 43, 641-650.	1.0	36
89	Impact of Transapical Aortic Valve Replacement on Apical Wall Motion. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 255-260.	1.2	35
90	Risk Stratification and Clinical Pathways to Optimize Length of Stay After Transcatheter Aortic Valve Replacement. <i>Canadian Journal of Cardiology</i> , 2014, 30, 1583-1587.	0.8	35

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91	Relation of Preprocedural Assessment of Myocardial Contractility Reserve on Outcomes of Aortic Stenosis Patients With Impaired Left Ventricular Function Undergoing Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2014, 113, 1536-1542.	0.7	35
92	Valve-in-Valve Transcatheter Aortic Valve Replacement and Bioprosthetic Valve Fracture Comparing Different Transcatheter Heart Valve Designs. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 65-75.	1.1	35
93	First-in-Human Endo-Bentall Procedure for Simultaneous Treatment of the Ascending Aorta and Aortic Valve. <i>JACC: Case Reports</i> , 2020, 2, 480-485.	0.3	35
94	Two-Year Outcomes for Patients With Severe Symptomatic Aortic Stenosis Treated With Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2013, 111, 1330-1336.	0.7	34
95	BASILICA Trial: One-Year Outcomes of Transcatheter Electrosurgical Leaflet Laceration to Prevent TAVR Coronary Obstruction. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010238.	1.4	34
96	Mitral valve-in-valve and valve-in-ring: technical aspects and procedural outcomes. <i>EuroIntervention</i> , 2016, 12, Y93-Y96.	1.4	34
97	Safety and Efficacy of the XIENCE V Everolimus-Eluting Stent Compared to First-Generation Drug-Eluting Stents in Contemporary Clinical Practice. <i>American Journal of Cardiology</i> , 2012, 109, 1288-1294.	0.7	30
98	Transcatheter Valve Implantation in Failed Surgically Inserted Bioprosthesis. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 960-979.	2.3	30
99	Incomplete expansion of transcatheter aortic valves is associated with propensity for valve thrombosis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 39-46.	0.5	30
100	Two-Year Follow-Up of Outcomes of Second-Generation Everolimus-Eluting Stents Versus First-Generation Drug-Eluting Stents for Stenosis of Saphenous Vein Grafts Used as Aortocoronary Conduits. <i>American Journal of Cardiology</i> , 2013, 112, 61-67.	0.7	29
101	Aortic valve and left ventricular outflow tract calcium volume and distribution in transcatheter aortic valve replacement: Influence on the risk of significant paravalvular regurgitation. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 290-297.	0.7	29
102	Role of Echocardiography in Transcatheter Mitral Valve Replacement in Native Mitral Valves and Mitral Rings. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 475-490.	1.2	29
103	Valve-in-Valve Challenges: How to Avoid Coronary Obstruction. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 120.	1.1	29
104	Bivalirudin versus Unfractionated Heparin during Percutaneous Coronary Intervention in Patients with Non-ST-Segment Elevation Acute Coronary Syndrome Initially Treated with Fondaparinux: Results from an International, Multicenter, Randomized Pilot Study (SWITCH III). <i>Journal of Interventional Cardiology</i> , 2013, 26, 107-113.	0.5	28
105	Matched Comparison of Self-Expanding Transcatheter Heart Valves for the Treatment of Failed Aortic Surgical Bioprosthesis. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	1.4	28
106	Transcatheter aortic valve implantation in degenerated surgical aortic valves. <i>EuroIntervention</i> , 2021, 17, 709-719.	1.4	28
107	Percutaneous aortic valve implantation using novel imaging guidance. <i>Catheterization and Cardiovascular Interventions</i> , 2010, 76, 450-454.	0.7	27
108	Stent and leaflet stresses in a 26-mm first-generation balloon-expandable transcatheter aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 1065-1073.	0.4	27



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109	3D Printing Applications for Transcatheter Aortic Valve Replacement. <i>Current Cardiology Reports</i> , 2020, 22, 23.	1.3	27
110	The Minimalist Approach for Transcatheter Aortic Valve Replacement in High-Risk Patients. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 468-469.	1.1	26
111	Safety and Efficacy Outcomes of Overlapping Second-Generation Everolimus-Eluting Stents Versus First-Generation Drug-Eluting Stents. <i>American Journal of Cardiology</i> , 2013, 112, 1093-1098.	0.7	26
112	Treatment of Small Surgical Valves. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 2034-2036.	1.1	26
113	Transcatheter aortic valve-in-valve implantation in degenerative rapid deployment bioprostheses. <i>EuroIntervention</i> , 2019, 15, 37-43.	1.4	26
114	Pulse pressure is a predictor of vascular endothelial function in middle-aged subjects with no apparent heart disease. <i>Vascular Medicine</i> , 2010, 15, 299-305.	0.8	25
115	Transcatheter valve-in-valve implantation for degenerated bioprosthetic aortic and mitral valves. <i>Expert Review of Medical Devices</i> , 2016, 13, 749-758.	1.4	25
116	Transcatheter Aortic and Mitral Valve-in-Valve Implantation Using the Edwards Sapien 3 Heart Valve. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	25
117	Impact of Previous Coronary Artery Bypass Grafting on Patients Undergoing Transcatheter Aortic Valve Implantation for Aortic Stenosis. <i>American Journal of Cardiology</i> , 2014, 113, 1222-1227.	0.7	24
118	A Strategy of Underexpansion and Ad Hoc Post-Dilation of Balloon-Expandable Transcatheter Aortic Valves in Patients at Risk of Annular Injury. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1727-1732.	1.1	24
119	Management and Outcomes of Transvenous Pacing Leads in Patients Undergoing Transcatheter Tricuspid Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2012-2020.	1.1	24
120	Impact of implant depth on hydrodynamic function with the ACURATE neo transcatheter heart valve following valve-in-valve transcatheter aortic valve replacement in Mitroflow bioprosthetic valves: an ex vivo bench study. <i>EuroIntervention</i> , 2019, 15, 78-87.	1.4	24
121	Bifurcation lesions in the coronary arteries: early experience with a novel 3-dimensional imaging and quantitative analysis before and after stenting. <i>EuroIntervention</i> , 2007, 3, 95-9.	1.4	24
122	Valve thrombosis following transcatheter aortic valve replacement: significance of blood stasis on the leaflets. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, ezw407.	0.6	23
123	The development of transcatheter aortic valve replacement in the USA. <i>Archives of Cardiovascular Diseases</i> , 2012, 105, 160-164.	0.7	22
124	Regional Systems of Care to Optimize Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1944-1951.	1.1	22
125	Outcomes of Patients With Severe Aortic Stenosis at High Surgical Risk Evaluated in a Trial of Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2012, 110, 1008-1014.	0.7	21
126	Transseptal Instead of Transapical Valve Implantation. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1175-1177.	1.1	21



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127	Transcatheter aortic valve replacement with the Portico valve: one-year results of the early Canadian experience. <i>EuroIntervention</i> , 2017, 12, 1653-1659.	1.4	21
128	Transapical transcatheter mitral valve-in-valve implantation versus minimally invasive surgery for failed mitral bioprostheses. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 25, 57-61.	0.5	20
129	Outcomes of Emergency Transcatheter Aortic Valve Replacement. <i>Journal of Interventional Cardiology</i> , 2019, 2019, 1-7.	0.5	20
130	Stent and leaflet stresses in 26-mm, third-generation, balloon-expandable transcatheter aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 528-536.	0.4	19
131	Permanent Pacemaker Implantation Following Valve-in-Valve Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2263-2273.	1.2	19
132	Treatment of Tricuspid Regurgitation With the FORMA Repair System. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 140.	1.1	18
133	Complications of Bioprosthetic Valve Fracture as an Adjunct to Valve-in-Valve TAVR. <i>Structural Heart</i> , 2019, 3, 92-99.	0.2	18
134	Paravalvular regurgitation after transcatheter aortic valve replacement: Diagnosis, clinical outcome, preventive and therapeutic strategies. <i>Cardiovascular Revascularization Medicine</i> , 2013, 14, 174-181.	0.3	17
135	Fluid Dynamic Characterization of Transcatheter Aortic Valves Using Particle Image Velocimetry. <i>Artificial Organs</i> , 2018, 42, E357-E368.	1.0	17
136	A Non-Invasive Material Characterization Framework for Bioprosthetic Heart Valves. <i>Annals of Biomedical Engineering</i> , 2019, 47, 97-112.	1.3	17
137	Is Transcatheter Aortic Valve Replacement a Durable Therapeutic Strategy?. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1092-1094.	1.1	16
138	Transcatheter aortic valve replacement in failed surgical valves. <i>Heart</i> , 2019, 105, s38-s43.	1.2	16
139	Contemporary Transcatheter Mitral Valve Replacement for Mitral Annular Calcification or Ring. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2388-2398.	1.1	16
140	Degrees of severe stenoses in sigma-shaped versus C-shaped right coronary arteries. <i>American Journal of Cardiology</i> , 2003, 92, 294-298.	0.7	15
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